CEII 2005 FERC FORM NO. 715, 2011 SUM BASE V4
2005 SUMMER PEAK, LEVEL 5 (04/01/05)

*** TLTG EXPORT LIMIT OUTPUT FOR BASE CASE ***

DISTRIBUTION FACTOR FILE: C:\NYISO\CRPP4\de.dfx
SUBSYSTEM DESCRIPTION FILE: C:\NYISO\CRPP\sysde.sub
MONITORED ELEMENT FILE: C:\NYISO\CRPP\monde.mon
CONTINGENCY DESCRIPTION FILE: C:\NYISO\CRPP\contde.con

	PRE-SHIFT	DELTA	POST-SHIFT
STUDY SYSTEM MW GENERATION:	1222.9	1000.0	2222.9
OPPOSING SYSTEM MW GENERATION:	4410.7	-1000.0	3410.7
STUDY SYSTEM NET INTERCHANGE:	1204.4	1000.0	2204.4

STUDY SYSTEM		GENERATOR MW			OPPOSING SYSTEM		GENERATOR MW		
BUS	BUS NAME	BASE	SHIFT	CHANGE	BUS	BUS NAME	BASE	SHIFT	CHANGE
80900	LAKEVWG518.0	211.9	545.2	333.3	74190	ROSE GN124.0	666.7	586.7	-80.0
81422	LENNOXG220.0	505.5	838.8	333.3	74702	RAV 3 22.0	972.0	712.0	-260.0
81425	LENNOXG420.0	505.5	838.8	333.3	74703	AK 2 20.0	334.0	254.0	-80.0
					74705	AST 4 20.0	467.9	387.9	-80.0
					74907	NRTPTG2 22.0	380.0	280.0	-100.0
					74908	NRTPTG3 22.0	360.0	260.0	-100.0
					79390	BOW2 20.0	592.0	472.0	-120.0
					79538	POLETGT218.0	222.0	162.0	-60.0
					79539	POLETSTG18.0	194.0	134.0	-60.0
					79540	POLETGT118.0	222.0	162.0	-60.0

LOADINGS AT OR ABOVE 100.0 %
OF RATING ARE MARKED WITH '*'

<----- FROM ----->	<------ TO ------>	CKT	TOTAL TRANS CAPAB	BASE CASE RATING A	PRE-SHIFT MW	POST-SHIFT MW	LIMIT CASE MW	DISTR. FACTOR
75465 HINMN115 115	76261 HARIS115 115	1	2212.5	238	-203.6	-237.7	-238.0*	-0.03413
75414 MEYER230 230	75417 STOLE230 230	1	2794.1	430	-254.4	-364.9	-365.8	-0.11045
76702 LOCKPORT 115	77126 TELRDTP1 115	1	2983.2	144	94.7	122.4	122.7	0.02770
75465 HINMN115 115	76702 LOCKPORT 115	1	3019.5	238	174.2	209.4	209.7	0.03513
76702 LOCKPORT 115	77101 SHEL-113 115	1	3132.9	144	88.7	117.4	117.6	0.02865
76702 LOCKPORT 115	77122 SOUR-111 115	1	3153.0	131	78.3	105.3	105.6	0.02705
79584 NIAG 345 345	79800 ROCH 345 345	1	3208.7	1301	578.6	939.0	942.0	0.36040
77122 SOUR-111 115	77123 SWDN-111 115	1	3302.1	131	74.3	101.3	101.5	0.02705
75426 BORDR115 115	77447 FRMGTN-4 115	1	3426.6	150	-76.8	-109.8	-110.0	-0.03292
77101 SHEL-113 115	77124 SWDN-113 115	1	3483.7	144	78.6	107.3	107.5	0.02868
77109 LAPPINS1 115	77116 NLEROYTA 115	1	3500.0	139	73.3	101.9	102.1	0.02864
77400 CLAY 345	78450 EDIC 345	2	3504.8	1033	594.6	785.2	786.7	0.19056
77447 FRMGTN-4 115	79825 PANNELLI 115	1	3515.1	206	-126.1	-160.7	-161.0	-0.03457
77400 CLAY 345	78450 EDIC 345	1	3522.4	1033	592.8	782.7	784.2	0.18992
77110 LAWLER-1 115	77111 MORTIMER 115	1	3528.8	129	-70.1	-95.5	-95.7	-0.02532
77100 SOUR-114 115	77111 MORTIMER 115	1	3563.8	129	60.0	89.2	89.5	0.02926
75405 OAKDL345 345	75403 FRASR345 345	1	3602.7	1255	622.9	886.5	888.6	0.26356
77112 MUMFORD1 115	77116 NLEROYTA 115	1	3614.5	129	-58.8	-88.0	-88.2	-0.02911
77100 SOUR-114 115	77126 TELRDTP1 115	1	3644.9	143	-71.5	-100.8	-101.0	-0.02929
76501 S RIPLEY 230	361 ERIE E 230	1	3658.1	499	320.6	393.3	393.9	0.07270

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*** TLTG TRANSFER LIMIT OUTPUT FOR INTERFACE DYSE OPEN ***

<- INTERFACE 'DYSE OPEN ' DEFINITION ->

<----- FROM ----->	<------ TO ------>	CKT	DISTR. FACTOR	PRE-SHIFT MW
75404 KINTI345 345	79800 ROCH 345 345	1	0.29379	625.4
79584 NIAG 345 345	79800 ROCH 345 345	1	0.43076	578.6
75417 STOLE230 230	75414 MEYER230 230	1	0.13201	254.4
75994 PALMT115 115	75992 BENET115 115	1	0.00000	-6.9
76702 LOCKPORT 115	77125 TELRDTP1 115	1	0.01542	78.1
76702 LOCKPORT 115	77115 NAKR-108 115	1	0.01299	55.6
76702 LOCKPORT 115	77117 OAKFLDTP 115	1	0.01534	65.6
76702 LOCKPORT 115	77122 SOUR-111 115	1	0.03232	78.3
76702 LOCKPORT 115	77101 SHEL-113 115	1	0.03425	88.7
76702 LOCKPORT 115	77126 TELRDTP1 115	1	0.03310	94.7
TOTALS FOR INTERFACE DYSE OPEN			1.00000	1912.7

TOTAL TRANS CAPAB	<---------- LIMITING ELEMENT ----------> <----- FROM ----->	<------ TO ------>	CKT	DISTR. FACTOR	PRE-SHIFT MW	RATING BAS/CNT A/C	<--------------- CONTINGENCY DESCRIPTION --------------->
1707.0	76660 ELM-70 230	76837 ELMST23.23.0	1	0.02625	101.4	96.0	OPEN 76664 [HUNTLEY2 230] TO 76556 [SAWYER79 230] CKT 1
							OPEN 76556 [SAWYER79 230] TO 76668 [SUNY-79 230] CKT 1
							OPEN 76664 [HUNTLEY2 230] TO 76555 [SAWYER80 230] CKT 1
							OPEN 76555 [SAWYER80 230] TO 76669 [SUNY-80 230] CKT 1
2403.7	75476 MEYER115 115	75995 S.PER115 115	1	-0.02792	-90.3	104.0	OPEN 75412 [GARDV230 230] TO 75417 [STOLE230 230] CKT 1
							OPEN 75416 [ROBIN230 230] TO 75417 [STOLE230 230] CKT 1
							OPEN 75417 [STOLE230 230] TO 75414 [MEYER230 230] CKT 1
2452.3	76527 FALCONER 115	281 WARREN 115	1	0.05121	54.4	82.0	OPEN 361 [ERIE E 230] TO 76501 [S RIPLEY 230] CKT 1
							OPEN 383 [E.SAYRE 115] TO 75486 [N.WAV115 115] CKT 1
2458.7	75476 MEYER115 115	75995 S.PER115 115	1	-0.02778	-88.8	104.0	OPEN 75417 [STOLE230 230] TO 75414 [MEYER230 230] CKT 1
2481.6	75476 MEYER115 115	75995 S.PER115 115	1	-0.02997	-86.9	104.0	OPEN 75417 [STOLE230 230] TO 75414 [MEYER230 230] CKT 1
							OPEN 75406 [STOLE345 345] TO 479 [HOMER CY 345] CKT 1
2753.0	76527 FALCONER 115	281 WARREN 115	1	0.05176	38.5	82.0	OPEN 76500 [DUNKIRK 230] TO 76501 [S RIPLEY 230] CKT 1
2756.1	75465 HINMN115 115	76261 HARIS115 115	1	-0.04079	-203.6	238.0	BASE CASE
2809.2	76527 FALCONER 115	281 WARREN 115	1	0.04995	37.2	82.0	OPEN 76663 [GRDNVL2 230] TO 76500 [DUNKIRK 230] CKT 1
							OPEN 76500 [DUNKIRK 230] TO 76523 [DUNKIRK1 115] CKT 1
							OPEN 76500 [DUNKIRK 230] TO 76501 [S RIPLEY 230] CKT 1
2856.2	75465 HINMN115 115	76261 HARIS115 115	1	-0.05920	-250.1	306.0	OPEN 75412 [GARDV230 230] TO 75417 [STOLE230 230] CKT 1
							OPEN 75416 [ROBIN230 230] TO 75417 [STOLE230 230] CKT 1
							OPEN 75417 [STOLE230 230] TO 75414 [MEYER230 230] CKT 1
2875.5	77103 BATAVIA1 115	77121 SENECAP 115	1	0.05100	109.9	159.0	OPEN 79800 [ROCH 345 345] TO 79584 [NIAG 345 345] CKT 1
							OPEN 79800 [ROCH 345 345] TO 79819 [S80 1TR 115] CKT 1
2893.1	77103 BATAVIA1 115	77121 SENECAP 115	1	0.05073	109.3	159.0	OPEN 79800 [ROCH 345 345] TO 79584 [NIAG 345 345] CKT 1
							OPEN 79592 [NIAGAR2W 230] TO 79584 [NIAG 345 345] CKT 1
2903.6	75465 HINMN115 115	76261 HARIS115 115	1	-0.05829	-248.2	306.0	OPEN 75416 [ROBIN230 230] TO 75417 [STOLE230 230] CKT 1
2906.0	77103 BATAVIA1 115	77121 SENECAP 115	1	0.05121	108.1	159.0	OPEN 79584 [NIAG 345 345] TO 79800 [ROCH 345 345] CKT 1
2921.5	77103 BATAVIA1 115	77121 SENECAP 115	1	0.05069	107.9	159.0	OPEN 79801 [PANNELL3 345] TO 79800 [ROCH 345 345] CKT 2
							OPEN 79800 [ROCH 345 345] TO 79584 [NIAG 345 345] CKT 1
2960.0	75405 OAKDL345 345	75403 FRASR345 345	1	0.38143	980.5	1380.0	OPEN 78450 [EDIC 345] TO 75403 [FRASR345 345] CKT 1
							OPEN 79583 [MARCY T1 345] TO 75400 [COOPC345 345] CKT 1
3011.6	75465 HINMN115 115	76261 HARIS115 115	1	-0.06333	-236.4	306.0	OPEN 79800 [ROCH 345 345] TO 79584 [NIAG 345 345] CKT 1
							OPEN 79800 [ROCH 345 345] TO 79819 [S80 1TR 115] CKT 1

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TOTAL TRANS CAPAB	<---------- LIMITING ELEMENT ----------> FROM ----->	TO ------>CKT	DISTR. FACTOR	PRE-SHIFT MW	RATING BAS/CNT A/C	<---------- CONTINGENCY DESCRIPTION ---------->
3013.7	76702 LOCKPORT 115	77122 SOUR-111 115 1	0.04996	104.0	159.0	OPEN 79800 [ROCH 345 345] TO 79584 [NIAG 345 345] CKT 1
						OPEN 79800 [ROCH 345 345] TO 79819 [S80 1TR 115] CKT 1
3027.9	*75465 HINMN115 115	76261 HARIS115 115 1	-0.06291	-235.8	306.0	OPEN 79800 [ROCH 345 345] TO 79584 [NIAG 345 345] CKT 1
						OPEN 79592 [NIAGAR2W 230] TO 79584 [NIAG 345 345] CKT 1
3032.0	76702 LOCKPORT 115	77122 SOUR-111 115 1	0.04970	103.4	159.0	OPEN 79800 [ROCH 345 345] TO 79584 [NIAG 345 345] CKT 1
						OPEN 79592 [NIAGAR2W 230] TO 79584 [NIAG 345 345] CKT 1
3043.7	76702 LOCKPORT 115	77122 SOUR-111 115 1	0.05016	102.3	159.0	OPEN 79584 [NIAG 345 345] TO 79800 [ROCH 345 345] CKT 1
3060.6	76702 LOCKPORT 115	77122 SOUR-111 115 1	0.04966	102.0	159.0	OPEN 79801 [PANNELL3 345] TO 79800 [ROCH 345 345] CKT 2
						OPEN 79800 [ROCH 345 345] TO 79584 [NIAG 345 345] CKT 1
3064.9	76702 LOCKPORT 115	77126 TELRDTP1 115 1	0.05116	121.0	180.0	OPEN 79800 [ROCH 345 345] TO 79584 [NIAG 345 345] CKT 1
						OPEN 79800 [ROCH 345 345] TO 79819 [S80 1TR 115] CKT 1
3083.5	76702 LOCKPORT 115	77126 TELRDTP1 115 1	0.05090	120.4	180.0	OPEN 79800 [ROCH 345 345] TO 79584 [NIAG 345 345] CKT 1
						OPEN 79592 [NIAGAR2W 230] TO 79584 [NIAG 345 345] CKT 1
3094.4	77122 SOUR-111 115	77123 SWDN-111 115 1	0.04996	100.0	159.0	OPEN 79800 [ROCH 345 345] TO 79584 [NIAG 345 345] CKT 1
						OPEN 79800 [ROCH 345 345] TO 79819 [S80 1TR 115] CKT 1
3094.7	76702 LOCKPORT 115	77126 TELRDTP1 115 1	0.05137	119.3	180.0	OPEN 79584 [NIAG 345 345] TO 79800 [ROCH 345 345] CKT 1
3106.2	*77103 BATAVIA1 115	77121 SENECAP 115 1	0.04318	107.5	159.0	OPEN 75404 [KINTI345 345] TO 79800 [ROCH 345 345] CKT 1
						OPEN 79800 [ROCH 345 345] TO 79819 [S80 1TR 115] CKT 1
3112.1	76702 LOCKPORT 115	77126 TELRDTP1 115 1	0.05085	119.0	180.0	OPEN 79801 [PANNELL3 345] TO 79800 [ROCH 345 345] CKT 2
						OPEN 79800 [ROCH 345 345] TO 79584 [NIAG 345 345] CKT 1
3113.1	77122 SOUR-111 115	77123 SWDN-111 115 1	0.04970	99.3	159.0	OPEN 79800 [ROCH 345 345] TO 79584 [NIAG 345 345] CKT 1
						OPEN 79592 [NIAGAR2W 230] TO 79584 [NIAG 345 345] CKT 1
3119.6	77100 SOUR-114 115	77111 MORTIMER 115 1	0.05406	87.8	153.0	OPEN 79800 [ROCH 345 345] TO 79584 [NIAG 345 345] CKT 1
						OPEN 79800 [ROCH 345 345] TO 79819 [S80 1TR 115] CKT 1
3122.5	76702 LOCKPORT 115	77101 SHEL-113 115 1	0.05293	116.0	180.0	OPEN 79800 [ROCH 345 345] TO 79584 [NIAG 345 345] CKT 1
						OPEN 79800 [ROCH 345 345] TO 79819 [S80 1TR 115] CKT 1
3124.1	77122 SOUR-111 115	77123 SWDN-111 115 1	0.05016	98.2	159.0	OPEN 79584 [NIAG 345 345] TO 79800 [ROCH 345 345] CKT 1
3138.4	77100 SOUR-114 115	77111 MORTIMER 115 1	0.05378	87.1	153.0	OPEN 79800 [ROCH 345 345] TO 79584 [NIAG 345 345] CKT 1
						OPEN 79592 [NIAGAR2W 230] TO 79584 [NIAG 345 345] CKT 1
3141.4	76702 LOCKPORT 115	77101 SHEL-113 115 1	0.05265	115.3	180.0	OPEN 79800 [ROCH 345 345] TO 79584 [NIAG 345 345] CKT 1
						OPEN 79592 [NIAGAR2W 230] TO 79584 [NIAG 345 345] CKT 1
3141.8	77122 SOUR-111 115	77123 SWDN-111 115 1	0.04966	98.0	159.0	OPEN 79801 [PANNELL3 345] TO 79800 [ROCH 345 345] CKT 2
						OPEN 79800 [ROCH 345 345] TO 79584 [NIAG 345 345] CKT 1
3149.1	77100 SOUR-114 115	77111 MORTIMER 115 1	0.05428	85.9	153.0	OPEN 79584 [NIAG 345 345] TO 79800 [ROCH 345 345] CKT 1
3152.0	76702 LOCKPORT 115	77101 SHEL-113 115 1	0.05315	114.1	180.0	OPEN 79584 [NIAG 345 345] TO 79800 [ROCH 345 345] CKT 1
3164.8	75469 KATEL115 115	75467 JENN 115 115 1	0.03871	110.5	159.0	OPEN 75405 [OAKDL345 345] TO 75403 [FRASR345 345] CKT 1
3167.1	77100 SOUR-114 115	77111 MORTIMER 115 1	0.05373	85.6	153.0	OPEN 79801 [PANNELL3 345] TO 79800 [ROCH 345 345] CKT 2
						OPEN 79800 [ROCH 345 345] TO 79584 [NIAG 345 345] CKT 1
3170.1	76702 LOCKPORT 115	77101 SHEL-113 115 1	0.05261	113.8	180.0	OPEN 79801 [PANNELL3 345] TO 79800 [ROCH 345 345] CKT 2
						OPEN 79800 [ROCH 345 345] TO 79584 [NIAG 345 345] CKT 1
3213.6	79584 NIAG 345 345	79800 ROCH 345 345 1	0.58994	917.5	1685.0	OPEN 75404 [KINTI345 345] TO 79800 [ROCH 345 345] CKT 1
3214.0	76501 S RIPLEY 230	361 ERIE E 230 1	0.12539	335.8	499.0	OPEN 75417 [STOLE230 230] TO 75414 [MEYER230 230] CKT 1
						OPEN 75406 [STOLE345 345] TO 479 [HOMER CY 345] CKT 1
3226.4	79584 NIAG 345 345	79800 ROCH 345 345 1	0.59036	909.4	1685.0	OPEN 75404 [KINTI345 345] TO 79800 [ROCH 345 345] CKT 1
						OPEN 79800 [ROCH 345 345] TO 79819 [S80 1TR 115] CKT 1
3242.7	75414 MEYER230 230	75417 STOLE230 230 1	-0.13201	-254.4	430.0	BASE CASE
3269.4	*76702 LOCKPORT 115	77122 SOUR-111 115 1	0.04230	101.6	159.0	OPEN 75404 [KINTI345 345] TO 79800 [ROCH 345 345] CKT 1
						OPEN 79800 [ROCH 345 345] TO 79819 [S80 1TR 115] CKT 1

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TOTAL TRANS CAPAB	LIMITING ELEMENT FROM	LIMITING ELEMENT TO	CKT	DISTR. FACTOR	PRE-SHIFT MW	RATING BAS/CNT A/C	CONTINGENCY DESCRIPTION
3275.9	79584 NIAG 345 345	79800 ROCH 345 345	1	0.57022	907.7	1685.0	OPEN 79801 [PANNELL3 345] TO 79800 [ROCH 345 345] CKT 1
							OPEN 75404 [KINTI345 345] TO 79800 [ROCH 345 345] CKT 1
3280.3	76501 S RIPLEY 230	361 ERIE E 230	1	0.10491	355.5	499.0	OPEN 75413 [HILSD230 230] TO 75411 [AVOCA230 230] CKT 1
							OPEN 75417 [STOLE230 230] TO 75414 [MEYER230 230] CKT 1
							OPEN 75993 [MEYER M434.5] TO 75414 [MEYER230 230] CKT 1
3283.8	77109 LAPPINS1 115	77116 NLEROYTA 115	1	0.05290	100.5	173.0	OPEN 79800 [ROCH 345 345] TO 79584 [NIAG 345 345] CKT 1
							OPEN 79800 [ROCH 345 345] TO 79819 [S80 1TR 115] CKT 1
3303.5	77109 LAPPINS1 115	77116 NLEROYTA 115	1	0.05263	99.8	173.0	OPEN 79800 [ROCH 345 345] TO 79584 [NIAG 345 345] CKT 1
							OPEN 79592 [NIAGAR2W 230] TO 79584 [NIAG 345 345] CKT 1
3303.7	76501 S RIPLEY 230	361 ERIE E 230	1	0.10423	354.0	499.0	OPEN 75417 [STOLE230 230] TO 75414 [MEYER230 230] CKT 1
3311.7	77101 SHEL-113 115	77124 SWDN-113 115	1	0.05298	105.9	180.0	OPEN 79800 [ROCH 345 345] TO 79584 [NIAG 345 345] CKT 1
							OPEN 79800 [ROCH 345 345] TO 79819 [S80 1TR 115] CKT 1
3312.7	77109 LAPPINS1 115	77116 NLEROYTA 115	1	0.05312	98.6	173.0	OPEN 79584 [NIAG 345 345] TO 79800 [ROCH 345 345] CKT 1
3316.4	76501 S RIPLEY 230	361 ERIE E 230	1	0.09734	362.4	499.0	OPEN 79583 [MARCY T1 345] TO 75400 [COOPC345 345] CKT 1
							OPEN 75403 [FRASR345 345] TO 75400 [COOPC345 345] CKT 1
3329.9	*76702 LOCKPORT 115	77126 TELRDTP1 115	1	0.04332	118.6	180.0	OPEN 75404 [KINTI345 345] TO 79800 [ROCH 345 345] CKT 1
							OPEN 79800 [ROCH 345 345] TO 79819 [S80 1TR 115] CKT 1
3331.6	77101 SHEL-113 115	77124 SWDN-113 115	1	0.05270	105.2	180.0	OPEN 79800 [ROCH 345 345] TO 79584 [NIAG 345 345] CKT 1
							OPEN 79592 [NIAGAR2W 230] TO 79584 [NIAG 345 345] CKT 1
3332.3	77109 LAPPINS1 115	77116 NLEROYTA 115	1	0.05258	98.4	173.0	OPEN 79801 [PANNELL3 345] TO 79800 [ROCH 345 345] CKT 2
							OPEN 79800 [ROCH 345 345] TO 79584 [NIAG 345 345] CKT 1
3340.5	77101 SHEL-113 115	77124 SWDN-113 115	1	0.05320	104.0	180.0	OPEN 79584 [NIAG 345 345] TO 79800 [ROCH 345 345] CKT 1
3343.3	75405 OAKDL345 345	75403 FRASR345 345	1	0.36241	861.5	1380.0	OPEN 77400 [CLAY 345] TO 78450 [EDIC 345] CKT 2
							OPEN 78450 [EDIC 345] TO 75403 [FRASR345 345] CKT 1
3356.4	77111 MORTIMER 115	77124 SWDN-113 115	1	-0.05594	-72.2	153.0	OPEN 79800 [ROCH 345 345] TO 79584 [NIAG 345 345] CKT 1
							OPEN 79800 [ROCH 345 345] TO 79819 [S80 1TR 115] CKT 1
3359.0	*76501 S RIPLEY 230	361 ERIE E 230	1	0.10645	345.0	499.0	OPEN 79801 [PANNELL3 345] TO 79800 [ROCH 345 345] CKT 2
							OPEN 79800 [ROCH 345 345] TO 79584 [NIAG 345 345] CKT 1
3360.4	77101 SHEL-113 115	77124 SWDN-113 115	1	0.05266	103.8	180.0	OPEN 79801 [PANNELL3 345] TO 79800 [ROCH 345 345] CKT 2
							OPEN 79800 [ROCH 345 345] TO 79584 [NIAG 345 345] CKT 1
3364.7	*77122 SOUR-111 115	77123 SWDN-111 115	1	0.04230	97.6	159.0	OPEN 75404 [KINTI345 345] TO 79800 [ROCH 345 345] CKT 1
							OPEN 79800 [ROCH 345 345] TO 79819 [S80 1TR 115] CKT 1
3372.3	77111 MORTIMER 115	77123 SWDN-111 115	1	-0.05309	-75.5	153.0	OPEN 79800 [ROCH 345 345] TO 79584 [NIAG 345 345] CKT 1
							OPEN 79800 [ROCH 345 345] TO 79819 [S80 1TR 115] CKT 1
3376.5	77111 MORTIMER 115	77124 SWDN-113 115	1	-0.05564	-71.5	153.0	OPEN 79800 [ROCH 345 345] TO 79584 [NIAG 345 345] CKT 1
							OPEN 79592 [NIAGAR2W 230] TO 79584 [NIAG 345 345] CKT 1
3384.5	75414 MEYER230 230	75417 STOLE230 230	1	-0.16515	-296.9	540.0	OPEN 79801 [PANNELL3 345] TO 79800 [ROCH 345 345] CKT 2
							OPEN 79800 [ROCH 345 345] TO 79584 [NIAG 345 345] CKT 1
3385.0	77111 MORTIMER 115	77124 SWDN-113 115	1	-0.05617	-70.3	153.0	OPEN 79584 [NIAG 345 345] TO 79800 [ROCH 345 345] CKT 1
3392.5	77111 MORTIMER 115	77123 SWDN-111 115	1	-0.05281	-74.8	153.0	OPEN 79800 [ROCH 345 345] TO 79584 [NIAG 345 345] CKT 1
							OPEN 79592 [NIAGAR2W 230] TO 79584 [NIAG 345 345] CKT 1
3394.5	*77100 SOUR-114 115	77111 MORTIMER 115	1	0.04577	85.2	153.0	OPEN 75404 [KINTI345 345] TO 79800 [ROCH 345 345] CKT 1
							OPEN 79800 [ROCH 345 345] TO 79819 [S80 1TR 115] CKT 1
3397.9	*76702 LOCKPORT 115	77101 SHEL-113 115	1	0.04482	113.4	180.0	OPEN 75404 [KINTI345 345] TO 79800 [ROCH 345 345] CKT 1
							OPEN 79800 [ROCH 345 345] TO 79819 [S80 1TR 115] CKT 1
3400.8	77111 MORTIMER 115	77123 SWDN-111 115	1	-0.05331	-73.7	153.0	OPEN 79584 [NIAG 345 345] TO 79800 [ROCH 345 345] CKT 1
3403.3	77100 SOUR-114 115	77126 TELRDTP1 115	1	-0.05411	-99.3	180.0	OPEN 79800 [ROCH 345 345] TO 79584 [NIAG 345 345] CKT 1
							OPEN 79800 [ROCH 345 345] TO 79819 [S80 1TR 115] CKT 1

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2005 SUMMER PEAK, LEVEL 5 (04/01/05)

*** TLTG TRANSFER LIMIT OUTPUT FOR INTERFACE WESTC OPEN ***

<- INTERFACE 'WESTC OPEN ' DEFINITION ->

<----- FROM ----->	<------ TO ------>	CKT	DISTR. FACTOR	PRE-SHIFT MW
79801 PANNELL3 345	77400 CLAY 345	1	0.36276	95.6
79801 PANNELL3 345	77400 CLAY 345	2	0.36394	95.9
75417 STOLE230 230	75414 MEYER230 230	1	0.13201	254.4
75994 PALMT115 115	75992 BENET115 115	1	0.00000	-6.9
79826 QUAKER 115	75892 MACDN115 115	1	0.00327	38.7
77111 MORTIMER 115	77110 LAWLER-1 115	1	0.03027	70.1
77111 MORTIMER 115	77463 LAWLER-2 115	1	0.03164	48.3
79825 PANNELLI 115	77447 FRMGTN-4 115	1	0.04132	126.1
79804 S121 B#2 115	75893 SLEIG115 115	1	0.02969	83.0
79810 STA 162 115	75995 S.PER115 115	1	0.00510	14.3
79805 CLYDE199 115	75893 SLEIG115 115	1	-0.03075	-40.4
79805 CLYDE199 115	77433 CLTNCORN 115	1	0.03075	23.7
79875 FARMNGTN34.5	77444 FARMGTN1 115	1	0.00197	-24.6
79875 FARMNGTN34.5	77447 FRMGTN-4 115	1	-0.00197	-42.3
79946 S168 12.0	77447 FRMGTN-4 115	1	0.00000	-5.2
TOTALS FOR INTERFACE WESTC OPEN			1.00000	730.7

TOTAL TRANS CAPAB	<---------- LIMITING ELEMENT ----------> <----- FROM ----->	<------ TO ------>	CKT	DISTR. FACTOR	PRE-SHIFT MW	RATING BAS/CNT A/C	<---------- CONTINGENCY DESCRIPTION ---------->
525.0	76660 ELM-70 230	76837 ELMST23.23.0	1	0.02625	101.4	96.0	OPEN 76664 [HUNTLEY2 230] TO 76556 [SAWYER79 230] CKT 1
							OPEN 76556 [SAWYER79 230] TO 76668 [SUNY-79 230] CKT 1
							OPEN 76664 [HUNTLEY2 230] TO 76555 [SAWYER80 230] CKT 1
							OPEN 76555 [SAWYER80 230] TO 76669 [SUNY-80 230] CKT 1
1221.7	75476 MEYER115 115	75995 S.PER115 115	1	-0.02792	-90.3	104.0	OPEN 75412 [GARDV230 230] TO 75417 [STOLE230 230] CKT 1
							OPEN 75416 [ROBIN230 230] TO 75417 [STOLE230 230] CKT 1
							OPEN 75417 [STOLE230 230] TO 75414 [MEYER230 230] CKT 1
1270.3	76527 FALCONER 115	281 WARREN 115	1	0.05121	54.4	82.0	OPEN 361 [ERIE E 230] TO 76501 [S RIPLEY 230] CKT 1
							OPEN 383 [E.SAYRE 115] TO 75486 [N.WAV115 115] CKT 1
1276.7	75476 MEYER115 115	75995 S.PER115 115	1	-0.02778	-88.8	104.0	OPEN 75417 [STOLE230 230] TO 75414 [MEYER230 230] CKT 1
1299.6	75476 MEYER115 115	75995 S.PER115 115	1	-0.02997	-86.9	104.0	OPEN 75417 [STOLE230 230] TO 75414 [MEYER230 230] CKT 1
							OPEN 75406 [STOLE345 345] TO 479 [HOMER CY 345] CKT 1
1571.0	76527 FALCONER 115	281 WARREN 115	1	0.05176	38.5	82.0	OPEN 76500 [DUNKIRK 230] TO 76501 [S RIPLEY 230] CKT 1
1574.1	75465 HINMN115 115	76261 HARIS115 115	1	-0.04079	-203.6	238.0	BASE CASE
1627.2	76527 FALCONER 115	281 WARREN 115	1	0.04995	37.2	82.0	OPEN 76663 [GRDNVL2 230] TO 76500 [DUNKIRK 230] CKT 1
							OPEN 76500 [DUNKIRK 230] TO 76523 [DUNKIRK1 115] CKT 1
							OPEN 76500 [DUNKIRK 230] TO 76501 [S RIPLEY 230] CKT 1
1674.2	75465 HINMN115 115	76261 HARIS115 115	1	-0.05920	-250.1	306.0	OPEN 75412 [GARDV230 230] TO 75417 [STOLE230 230] CKT 1
							OPEN 75416 [ROBIN230 230] TO 75417 [STOLE230 230] CKT 1
							OPEN 75417 [STOLE230 230] TO 75414 [MEYER230 230] CKT 1
1693.5	77103 BATAVIA1 115	77121 SENECAP 115	1	0.05100	109.9	159.0	OPEN 79800 [ROCH 345 345] TO 79584 [NIAG 345 345] CKT 1
							OPEN 79800 [ROCH 345 345] TO 79819 [S80 1TR 115] CKT 1
1711.1	77103 BATAVIA1 115	77121 SENECAP 115	1	0.05073	109.3	159.0	OPEN 79800 [ROCH 345 345] TO 79584 [NIAG 345 345] CKT 1
							OPEN 79592 [NIAGAR2W 230] TO 79584 [NIAG 345 345] CKT 1
1721.6	75465 HINMN115 115	76261 HARIS115 115	1	-0.05829	-248.2	306.0	OPEN 75416 [ROBIN230 230] TO 75417 [STOLE230 230] CKT 1
1724.1	77103 BATAVIA1 115	77121 SENECAP 115	1	0.05121	108.1	159.0	OPEN 79584 [NIAG 345 345] TO 79800 [ROCH 345 345] CKT 1
1739.5	77103 BATAVIA1 115	77121 SENECAP 115	1	0.05069	107.9	159.0	OPEN 79801 [PANNELL3 345] TO 79800 [ROCH 345 345] CKT 2
							OPEN 79800 [ROCH 345 345] TO 79584 [NIAG 345 345] CKT 1

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*** TLTG TRANSFER LIMIT OUTPUT FOR INTERFACE WESTC OPEN ***

TOTAL TRANS CAPAB	<---------- LIMITING ELEMENT ----------> FROM	TO	CKT	DISTR. FACTOR	PRE-SHIFT MW	RATING BAS/CNT A/C	<---------- CONTINGENCY DESCRIPTION ---------->
1778.0	75405 OAKDL345 345	75403 FRASR345 345	1	0.38143	980.5	1380.0	OPEN 78450 [EDIC 345] TO 75403 [FRASR345 345] CKT 1
							OPEN 79583 [MARCY T1 345] TO 75400 [COOPC345 345] CKT 1
1829.6	75465 HINMN115 115	76261 HARIS115 115	1	-0.06333	-236.4	306.0	OPEN 79800 [ROCH 345 345] TO 79584 [NIAG 345 345] CKT 1
							OPEN 79800 [ROCH 345 345] TO 79819 [S80 1TR 115] CKT 1
1831.7	76702 LOCKPORT 115	77122 SOUR-111 115	1	0.04996	104.0	159.0	OPEN 79800 [ROCH 345 345] TO 79584 [NIAG 345 345] CKT 1
							OPEN 79800 [ROCH 345 345] TO 79819 [S80 1TR 115] CKT 1
1845.9	*75465 HINMN115 115	76261 HARIS115 115	1	-0.06291	-235.8	306.0	OPEN 79800 [ROCH 345 345] TO 79584 [NIAG 345 345] CKT 1
							OPEN 79592 [NIAGAR2W 230] TO 79584 [NIAG 345 345] CKT 1
1850.0	76702 LOCKPORT 115	77122 SOUR-111 115	1	0.04970	103.4	159.0	OPEN 79800 [ROCH 345 345] TO 79584 [NIAG 345 345] CKT 1
							OPEN 79592 [NIAGAR2W 230] TO 79584 [NIAG 345 345] CKT 1
1861.7	76702 LOCKPORT 115	77122 SOUR-111 115	1	0.05016	102.3	159.0	OPEN 79584 [NIAG 345 345] TO 79800 [ROCH 345 345] CKT 1
1878.6	76702 LOCKPORT 115	77122 SOUR-111 115	1	0.04966	102.0	159.0	OPEN 79801 [PANNELL3 345] TO 79800 [ROCH 345 345] CKT 2
							OPEN 79800 [ROCH 345 345] TO 79584 [NIAG 345 345] CKT 1
1882.9	76702 LOCKPORT 115	77126 TELRDTP1 115	1	0.05116	121.0	180.0	OPEN 79800 [ROCH 345 345] TO 79584 [NIAG 345 345] CKT 1
							OPEN 79800 [ROCH 345 345] TO 79819 [S80 1TR 115] CKT 1
1901.5	76702 LOCKPORT 115	77126 TELRDTP1 115	1	0.05090	120.4	180.0	OPEN 79800 [ROCH 345 345] TO 79584 [NIAG 345 345] CKT 1
							OPEN 79592 [NIAGAR2W 230] TO 79584 [NIAG 345 345] CKT 1
1912.4	77122 SOUR-111 115	77123 SWDN-111 115	1	0.04996	100.0	159.0	OPEN 79800 [ROCH 345 345] TO 79584 [NIAG 345 345] CKT 1
							OPEN 79800 [ROCH 345 345] TO 79819 [S80 1TR 115] CKT 1
1912.7	76702 LOCKPORT 115	77126 TELRDTP1 115	1	0.05137	119.3	180.0	OPEN 79584 [NIAG 345 345] TO 79800 [ROCH 345 345] CKT 1
1924.2	*77103 BATAVIA1 115	77121 SENECAP 115	1	0.04318	107.5	159.0	OPEN 75404 [KINTI345 345] TO 79800 [ROCH 345 345] CKT 1
							OPEN 79800 [ROCH 345 345] TO 79819 [S80 1TR 115] CKT 1
1930.2	76702 LOCKPORT 115	77126 TELRDTP1 115	1	0.05085	119.0	180.0	OPEN 79801 [PANNELL3 345] TO 79800 [ROCH 345 345] CKT 2
							OPEN 79800 [ROCH 345 345] TO 79584 [NIAG 345 345] CKT 1
1931.1	77122 SOUR-111 115	77123 SWDN-111 115	1	0.04970	99.3	159.0	OPEN 79800 [ROCH 345 345] TO 79584 [NIAG 345 345] CKT 1
							OPEN 79592 [NIAGAR2W 230] TO 79584 [NIAG 345 345] CKT 1
1937.6	77100 SOUR-114 115	77111 MORTIMER 115	1	0.05406	87.8	153.0	OPEN 79800 [ROCH 345 345] TO 79584 [NIAG 345 345] CKT 1
							OPEN 79800 [ROCH 345 345] TO 79819 [S80 1TR 115] CKT 1
1940.5	76702 LOCKPORT 115	77101 SHEL-113 115	1	0.05293	116.0	180.0	OPEN 79800 [ROCH 345 345] TO 79584 [NIAG 345 345] CKT 1
							OPEN 79800 [ROCH 345 345] TO 79819 [S80 1TR 115] CKT 1
1942.1	77122 SOUR-111 115	77123 SWDN-111 115	1	0.05016	98.2	159.0	OPEN 79584 [NIAG 345 345] TO 79800 [ROCH 345 345] CKT 1
1956.5	77100 SOUR-114 115	77111 MORTIMER 115	1	0.05378	87.1	153.0	OPEN 79800 [ROCH 345 345] TO 79584 [NIAG 345 345] CKT 1
							OPEN 79592 [NIAGAR2W 230] TO 79584 [NIAG 345 345] CKT 1
1959.4	76702 LOCKPORT 115	77101 SHEL-113 115	1	0.05265	115.3	180.0	OPEN 79800 [ROCH 345 345] TO 79584 [NIAG 345 345] CKT 1
							OPEN 79592 [NIAGAR2W 230] TO 79584 [NIAG 345 345] CKT 1
1959.8	77122 SOUR-111 115	77123 SWDN-111 115	1	0.04966	98.0	159.0	OPEN 79801 [PANNELL3 345] TO 79800 [ROCH 345 345] CKT 2
							OPEN 79800 [ROCH 345 345] TO 79584 [NIAG 345 345] CKT 1
1967.2	77100 SOUR-114 115	77111 MORTIMER 115	1	0.05428	85.9	153.0	OPEN 79584 [NIAG 345 345] TO 79800 [ROCH 345 345] CKT 1
1970.1	76702 LOCKPORT 115	77101 SHEL-113 115	1	0.05315	114.1	180.0	OPEN 79584 [NIAG 345 345] TO 79800 [ROCH 345 345] CKT 1
1982.9	75469 KATEL115 115	75467 JENN 115 115	1	0.03871	110.5	159.0	OPEN 75405 [OAKDL345 345] TO 75403 [FRASR345 345] CKT 1
1985.1	77100 SOUR-114 115	77111 MORTIMER 115	1	0.05373	85.6	153.0	OPEN 79801 [PANNELL3 345] TO 79800 [ROCH 345 345] CKT 2
							OPEN 79800 [ROCH 345 345] TO 79584 [NIAG 345 345] CKT 1
1988.1	76702 LOCKPORT 115	77101 SHEL-113 115	1	0.05261	113.8	180.0	OPEN 79801 [PANNELL3 345] TO 79800 [ROCH 345 345] CKT 2
							OPEN 79800 [ROCH 345 345] TO 79584 [NIAG 345 345] CKT 1
2031.7	79584 NIAG 345 345	79800 ROCH 345 345	1	0.58994	917.5	1685.0	OPEN 75404 [KINTI345 345] TO 79800 [ROCH 345 345] CKT 1
2032.0	76501 S RIPLEY 230 361	ERIE E 230	1	0.12539	335.8	499.0	OPEN 75417 [STOLE230 230] TO 75414 [MEYER230 230] CKT 1
							OPEN 75406 [STOLE345 345] TO 479 [HOMER CY 345] CKT 1

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*** TLTG TRANSFER LIMIT OUTPUT FOR INTERFACE WESTC OPEN ***

TOTAL TRANS CAPAB	LIMITING ELEMENT FROM	LIMITING ELEMENT TO	CKT	DISTR. FACTOR	PRE-SHIFT MW	RATING BAS/CNT A/C	CONTINGENCY DESCRIPTION
2044.5	79584 NIAG 345 345	79800 ROCH 345 345	1	0.59036	909.4	1685.0	OPEN 75404 [KINTI345 345] TO 79800 [ROCH 345 345] CKT 1
							OPEN 79800 [ROCH 345 345] TO 79819 [S80 1TR 115] CKT 1
2060.8	75414 MEYER230 230	75417 STOLE230 230	1	-0.13201	-254.4	430.0	BASE CASE
2087.4	*76702 LOCKPORT 115	77122 SOUR-111 115	1	0.04230	101.6	159.0	OPEN 75404 [KINTI345 345] TO 79800 [ROCH 345 345] CKT 1
							OPEN 79800 [ROCH 345 345] TO 79819 [S80 1TR 115] CKT 1
2093.9	79584 NIAG 345 345	79800 ROCH 345 345	1	0.57022	907.7	1685.0	OPEN 79801 [PANNELL3 345] TO 79800 [ROCH 345 345] CKT 1
							OPEN 75404 [KINTI345 345] TO 79800 [ROCH 345 345] CKT 1
2098.3	76501 S RIPLEY 230	361 ERIE E 230	1	0.10491	355.5	499.0	OPEN 75413 [HILSD230 230] TO 75411 [AVOCA230 230] CKT 1
							OPEN 75417 [STOLE230 230] TO 75414 [MEYER230 230] CKT 1
							OPEN 75993 [MEYER M434.5] TO 75414 [MEYER230 230] CKT 1
2101.8	77109 LAPPINS1 115	77116 NLEROYTA 115	1	0.05290	100.5	173.0	OPEN 79800 [ROCH 345 345] TO 79584 [NIAG 345 345] CKT 1
							OPEN 79800 [ROCH 345 345] TO 79819 [S80 1TR 115] CKT 1
2121.5	77109 LAPPINS1 115	77116 NLEROYTA 115	1	0.05263	99.8	173.0	OPEN 79800 [ROCH 345 345] TO 79584 [NIAG 345 345] CKT 1
							OPEN 79592 [NIAGAR2W 230] TO 79584 [NIAG 345 345] CKT 1
2121.8	76501 S RIPLEY 230	361 ERIE E 230	1	0.10423	354.0	499.0	OPEN 75417 [STOLE230 230] TO 75414 [MEYER230 230] CKT 1
2129.7	77101 SHEL-113 115	77124 SWDN-113 115	1	0.05298	105.9	180.0	OPEN 79800 [ROCH 345 345] TO 79584 [NIAG 345 345] CKT 1
							OPEN 79800 [ROCH 345 345] TO 79819 [S80 1TR 115] CKT 1
2130.7	77109 LAPPINS1 115	77116 NLEROYTA 115	1	0.05312	98.6	173.0	OPEN 79584 [NIAG 345 345] TO 79800 [ROCH 345 345] CKT 1
2134.4	76501 S RIPLEY 230	361 ERIE E 230	1	0.09734	362.4	499.0	OPEN 79583 [MARCY T1 345] TO 75400 [COOPC345 345] CKT 1
							OPEN 75403 [FRASR345 345] TO 75400 [COOPC345 345] CKT 1
2147.9	*76702 LOCKPORT 115	77126 TELRDTP1 115	1	0.04332	118.6	180.0	OPEN 75404 [KINTI345 345] TO 79800 [ROCH 345 345] CKT 1
							OPEN 79800 [ROCH 345 345] TO 79819 [S80 1TR 115] CKT 1
2149.6	77101 SHEL-113 115	77124 SWDN-113 115	1	0.05270	105.2	180.0	OPEN 79800 [ROCH 345 345] TO 79584 [NIAG 345 345] CKT 1
							OPEN 79592 [NIAGAR2W 230] TO 79584 [NIAG 345 345] CKT 1
2150.3	77109 LAPPINS1 115	77116 NLEROYTA 115	1	0.05258	98.4	173.0	OPEN 79801 [PANNELL3 345] TO 79800 [ROCH 345 345] CKT 2
							OPEN 79800 [ROCH 345 345] TO 79584 [NIAG 345 345] CKT 1
2158.5	77101 SHEL-113 115	77124 SWDN-113 115	1	0.05320	104.0	180.0	OPEN 79584 [NIAG 345 345] TO 79800 [ROCH 345 345] CKT 1
2161.4	75405 OAKDL345 345	75403 FRASR345 345	1	0.36241	861.5	1380.0	OPEN 77400 [CLAY 345] TO 78450 [EDIC 345] CKT 2
							OPEN 78450 [EDIC 345] TO 75403 [FRASR345 345] CKT 1
2174.4	77111 MORTIMER 115	77124 SWDN-113 115	1	-0.05594	-72.2	153.0	OPEN 79800 [ROCH 345 345] TO 79584 [NIAG 345 345] CKT 1
							OPEN 79800 [ROCH 345 345] TO 79819 [S80 1TR 115] CKT 1
2177.0	*76501 S RIPLEY 230	361 ERIE E 230	1	0.10645	345.0	499.0	OPEN 79801 [PANNELL3 345] TO 79800 [ROCH 345 345] CKT 2
							OPEN 79800 [ROCH 345 345] TO 79584 [NIAG 345 345] CKT 1
2178.5	77101 SHEL-113 115	77124 SWDN-113 115	1	0.05266	103.8	180.0	OPEN 79801 [PANNELL3 345] TO 79800 [ROCH 345 345] CKT 2
							OPEN 79800 [ROCH 345 345] TO 79584 [NIAG 345 345] CKT 1
2182.7	*77122 SOUR-111 115	77123 SWDN-111 115	1	0.04230	97.6	159.0	OPEN 75404 [KINTI345 345] TO 79800 [ROCH 345 345] CKT 1
							OPEN 79800 [ROCH 345 345] TO 79819 [S80 1TR 115] CKT 1
2190.3	77111 MORTIMER 115	77123 SWDN-111 115	1	-0.05309	-75.5	153.0	OPEN 79800 [ROCH 345 345] TO 79584 [NIAG 345 345] CKT 1
							OPEN 79800 [ROCH 345 345] TO 79819 [S80 1TR 115] CKT 1
2194.6	77111 MORTIMER 115	77124 SWDN-113 115	1	-0.05564	-71.5	153.0	OPEN 79800 [ROCH 345 345] TO 79584 [NIAG 345 345] CKT 1
							OPEN 79592 [NIAGAR2W 230] TO 79584 [NIAG 345 345] CKT 1
2202.5	75414 MEYER230 230	75417 STOLE230 230	1	-0.16515	-296.9	540.0	OPEN 79801 [PANNELL3 345] TO 79800 [ROCH 345 345] CKT 2
							OPEN 79800 [ROCH 345 345] TO 79584 [NIAG 345 345] CKT 1
2203.0	77111 MORTIMER 115	77124 SWDN-113 115	1	-0.05617	-70.3	153.0	OPEN 79584 [NIAG 345 345] TO 79800 [ROCH 345 345] CKT 1
2210.5	77111 MORTIMER 115	77123 SWDN-111 115	1	-0.05281	-74.8	153.0	OPEN 79800 [ROCH 345 345] TO 79584 [NIAG 345 345] CKT 1
							OPEN 79592 [NIAGAR2W 230] TO 79584 [NIAG 345 345] CKT 1
2212.5	*77100 SOUR-114 115	77111 MORTIMER 115	1	0.04577	85.2	153.0	OPEN 75404 [KINTI345 345] TO 79800 [ROCH 345 345] CKT 1
							OPEN 79800 [ROCH 345 345] TO 79819 [S80 1TR 115] CKT 1

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*** TLTG EXPORT LIMIT OUTPUT FOR BASE CASE ***

DISTRIBUTION FACTOR FILE: C:\NYISO\CRPP4\ms.dfx
SUBSYSTEM DESCRIPTION FILE: C:\NYISO\CRPP\sysms.sub
MONITORED ELEMENT FILE: C:\NYISO\CRPP\monms.mon
CONTINGENCY DESCRIPTION FILE: C:\NYISO\CRPP\contms.con

	PRE-SHIFT	DELTA	POST-SHIFT
STUDY SYSTEM MW GENERATION:	228.4	1000.0	1228.4
OPPOSING SYSTEM MW GENERATION:	2617.6	-1000.0	1617.6
STUDY SYSTEM NET INTERCHANGE:	227.6	1000.0	1227.6

STUDY SYSTEM					OPPOSING SYSTEM				
		GENERATOR MW					GENERATOR MW		
BUS	BUS NAME	BASE	SHIFT	CHANGE	BUS	BUS NAME	BASE	SHIFT	CHANGE
79513	MOS17-1813.8	114.4	614.4	500.0	74702	RAV 3 22.0	972.0	872.0	-100.0
79516	MOS21-2213.8	114.0	614.0	500.0	76641	DUNKGEN413.8	191.0	91.0	-100.0
					77051	HNTLY68G13.8	190.6	90.6	-100.0
					77951	9M PT 1G23.0	626.0	126.0	-500.0
					79538	POLETGT218.0	222.0	152.0	-70.0
					79539	POLETSTG18.0	194.0	124.0	-70.0
					79540	POLETGT118.0	222.0	162.0	-60.0

LOADINGS AT OR ABOVE 100.0 %
OF RATING ARE MARKED WITH '*'

FROM			TO			CKT	TOTAL TRANS CAPAB	BASE CASE RATING A	BASE CASE PRE-SHIFT MW	BASE CASE POST-SHIFT MW	LIMIT CASE MW	DISTR. FACTOR
79589	MOSES E	230	79514	MOS17-2013.8		5	288.4	258	-227.6	-727.6*	-258.0*	-0.50000
79590	MOSES W	230	79517	MOS21-2413.8		6	289.1	258	-227.2	-727.2*	-257.6	-0.50000
78009	BRNS FLS	115	78057	TAYLORVL	115	1	1994.1	102	40.7	75.4	42.8	0.03471
78009	BRNS FLS	115	78021	FLAT RCK	115	1	2053.0	102	-38.8	-73.4	-40.9	-0.03463
78460	PORTER 2	230	79586	ADRON B2	230	1	2060.0	321	-145.9	-241.4	-151.7	-0.09557
78009	BRNS FLS	115	78025	HIGLEY	115	1	2067.9	102	-38.0	-72.8	-40.1	-0.03479
78460	PORTER 2	230	79585	ADRON B1	230	1	2086.5	321	-143.3	-238.9	-149.2	-0.09557
78009	BRNS FLS	115	78057	TAYLORVL	115	2	2109.3	106	40.7	75.4	42.8	0.03471
79577	MARCY765	765	79583	MARCY T1	345	1	2186.4	1488	713.2	1108.8	737.3	0.39552
79586	ADRON B2	230	79590	MOSES W	230	1	2299.2	348	-150.0	-245.6	-155.8	-0.09557
79585	ADRON B1	230	79590	MOSES W	230	1	2299.2	348	-150.0	-245.6	-155.8	-0.09557
78014	COLTON	115	78021	FLAT RCK	115	1	2442.8	114	37.3	71.9	39.4	0.03463
79588	MASS230B	230	79589	MOSES E	230	1	2557.5	936	-74.6	-444.3	-97.0	-0.36973
79587	MASS230A	230	79589	MOSES E	230	1	2557.5	936	-74.6	-444.3	-97.0	-0.36973
79578	MASS 765	765	79587	MASS230A	230	1	2557.6	936	-74.5	-444.3	-97.0	-0.36973
79578	MASS 765	765	79588	MASS230B	230	1	2557.6	936	-74.5	-444.3	-97.0	-0.36973
78014	COLTON	115	78025	HIGLEY	115	1	2669.6	125	40.0	74.8	42.2	0.03479
79577	MARCY765	765	79583	MARCY T1	345	2	2744.6	1488	622.3	966.2	643.2	0.34395
78450	EDIC	345	79583	MARCY T1	345	1	3254.7	1677	-328.0	-773.7	-355.1	-0.44563
79577	MARCY765	765	79578	MASS 765	765	1	3782.7	3975	-1346.	-2086.	-1391.	-0.73947
	INTERFACE MOSES OPEN						4006.0	5358	1579.5	2579.5	1640.3	1.00003
	INTERFACE MOSESSOUTH						4034.5	5400	1593.3	2593.3	1654.1	1.00003

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*** TLTG TRANSFER LIMIT OUTPUT FOR INTERFACE MOSESSOUTH ***

<- INTERFACE 'MOSESSOUTH ' DEFINITION ->

<----- FROM ----->	<------ TO ------>	CKT	DISTR. FACTOR	PRE-SHIFT MW
79578 MASS 765 765	79577 MARCY765 765	1	0.73945	1346.1
79590 MOSES W 230	79585 ADRON B1 230	1	0.09557	150.0
79590 MOSES W 230	79586 ADRON B2 230	1	0.09557	150.0
78017 DENNISON 115	78002 ANDRWS-4 115	1	0.02156	-3.4
78017 DENNISON 115	78032 LWRNCE-B 115	1	0.02157	-2.4
78000 ALCOA-NM 115	78010 BRADY 115	1	0.01109	-22.0
78033 MALONE 115	78041 NICHOLVL 115	1	0.01521	-25.1
TOTALS FOR INTERFACE MOSESSOUTH			1.00000	1593.3

TOTAL TRANS CAPAB	<---------- LIMITING ELEMENT ----------> <----- FROM ----->	<------ TO ------>	CKT	DISTR. FACTOR	PRE-SHIFT MW	RATING BAS/CNT A/C	<---------- CONTINGENCY DESCRIPTION ---------->
1654.1	79589 MOSES E 230	79514 MOS17-2013.8 5		-0.49999	-227.6	258.0	BASE CASE
1654.8	79590 MOSES W 230	79517 MOS21-2413.8 6		-0.49998	-227.2	258.0	BASE CASE
1766.0	78009 BRNS FLS 115	78057 TAYLORVL 115	2	0.07853	120.4	134.0	OPEN 79578 [MASS 765 765] TO 79577 [MARCY765 765] CKT 1
1778.7	78009 BRNS FLS 115	78057 TAYLORVL 115	1	0.07853	120.4	135.0	OPEN 79578 [MASS 765 765] TO 79577 [MARCY765 765] CKT 1
1789.3	79586 ADRON B2 230	79590 MOSES W 230	1	-0.23008	-394.9	440.0	OPEN 79578 [MASS 765 765] TO 79577 [MARCY765 765] CKT 1
1789.3	79585 ADRON B1 230	79590 MOSES W 230	1	-0.23008	-394.9	440.0	OPEN 79578 [MASS 765 765] TO 79577 [MARCY765 765] CKT 1
1805.7	78009 BRNS FLS 115	78021 FLAT RCK 115	1	-0.07835	-118.4	135.0	OPEN 79578 [MASS 765 765] TO 79577 [MARCY765 765] CKT 1
1810.4	78009 BRNS FLS 115	78025 HIGLEY 115	1	-0.07871	-117.9	135.0	OPEN 79578 [MASS 765 765] TO 79577 [MARCY765 765] CKT 1
1846.4	78460 PORTER 2 230	79586 ADRON B2 230	1	-0.23008	-390.8	449.0	OPEN 79578 [MASS 765 765] TO 79577 [MARCY765 765] CKT 1
1857.4	78460 PORTER 2 230	79585 ADRON B1 230	1	-0.23008	-388.2	449.0	OPEN 79578 [MASS 765 765] TO 79577 [MARCY765 765] CKT 1
1909.6	79602 PLAT T#3 115	70511 GRAND IS 115	1	0.08648	274.6	302.0	OPEN 79578 [MASS 765 765] TO 79577 [MARCY765 765] CKT 1
1909.6	79602 PLAT T#3 115	79672 PLAT 115 115	3	-0.08648	-274.6	302.0	OPEN 79578 [MASS 765 765] TO 79577 [MARCY765 765] CKT 1
1912.4	78028 LOWVILLE 115	78057 TAYLORVL 115	1	-0.04211	-120.6	134.0	OPEN 79578 [MASS 765 765] TO 79577 [MARCY765 765] CKT 1
1914.2	78014 COLTON 115	78021 FLAT RCK 115	1	0.07835	116.9	142.0	OPEN 79578 [MASS 765 765] TO 79577 [MARCY765 765] CKT 1
2038.2	78014 COLTON 115	78025 HIGLEY 115	1	0.07871	120.0	155.0	OPEN 79578 [MASS 765 765] TO 79577 [MARCY765 765] CKT 1
2099.6	78008 BREMEN 115	78057 TAYLORVL 115	1	-0.04208	-112.7	134.0	OPEN 79578 [MASS 765 765] TO 79577 [MARCY765 765] CKT 1
2225.5	79577 MARCY765 765	79583 MARCY T1 345	1	0.69995	1211.5	1654.0	OPEN 79577 [MARCY765 765] TO 79583 [MARCY T1 345] CKT 2
							OPEN 78703 [N.SCOT99 345] TO 79583 [MARCY T1 345] CKT 1
2372.1	78028 LOWVILLE 115	78471 BOONVL 115	1	0.04210	101.2	134.0	OPEN 79578 [MASS 765 765] TO 79577 [MARCY765 765] CKT 1
2404.2	78011 BU+LY+MO 115	78471 BOONVL 115	1	0.04208	111.9	146.0	OPEN 79578 [MASS 765 765] TO 79577 [MARCY765 765] CKT 1
2415.5	79589 MOSES E 230	81255 STLAWL34 230	1	0.16879	307.2	446.0	OPEN 79578 [MASS 765 765] TO 79577 [MARCY765 765] CKT 1
2529.9	78008 BREMEN 115	78011 BU+LY+MO 115	1	0.04208	106.6	146.0	OPEN 79578 [MASS 765 765] TO 79577 [MARCY765 765] CKT 1
2530.9	78009 BRNS FLS 115	78057 TAYLORVL 115	2	0.07853	60.4	134.0	OPEN 79577 [MARCY765 765] TO 79578 [MASS 765 765] CKT 1
							OPEN 79578 [MASS 765 765] TO 84819 [CHA-NY 765] CKT 1
2543.6	78009 BRNS FLS 115	78057 TAYLORVL 115	1	0.07853	60.4	135.0	OPEN 79577 [MARCY765 765] TO 79578 [MASS 765 765] CKT 1
							OPEN 79578 [MASS 765 765] TO 84819 [CHA-NY 765] CKT 1
2570.7	78009 BRNS FLS 115	78021 FLAT RCK 115	1	-0.07835	-58.4	135.0	OPEN 79577 [MARCY765 765] TO 79578 [MASS 765 765] CKT 1
							OPEN 79578 [MASS 765 765] TO 84819 [CHA-NY 765] CKT 1
2573.8	79586 ADRON B2 230	79590 MOSES W 230	1	-0.23008	-214.4	440.0	OPEN 79577 [MARCY765 765] TO 79578 [MASS 765 765] CKT 1
							OPEN 79578 [MASS 765 765] TO 84819 [CHA-NY 765] CKT 1
2573.8	79585 ADRON B1 230	79590 MOSES W 230	1	-0.23008	-214.4	440.0	OPEN 79577 [MARCY765 765] TO 79578 [MASS 765 765] CKT 1
							OPEN 79578 [MASS 765 765] TO 84819 [CHA-NY 765] CKT 1
2575.3	78009 BRNS FLS 115	78025 HIGLEY 115	1	-0.07871	-57.7	135.0	OPEN 79577 [MARCY765 765] TO 79578 [MASS 765 765] CKT 1
							OPEN 79578 [MASS 765 765] TO 84819 [CHA-NY 765] CKT 1
2631.0	78460 PORTER 2 230	79586 ADRON B2 230	1	-0.23008	-210.2	449.0	OPEN 79577 [MARCY765 765] TO 79578 [MASS 765 765] CKT 1
							OPEN 79578 [MASS 765 765] TO 84819 [CHA-NY 765] CKT 1

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*** TLTG EXPORT LIMIT OUTPUT FOR BASE CASE ***

DISTRIBUTION FACTOR FILE: C:\NYISO\CRPP4\te.dfx
SUBSYSTEM DESCRIPTION FILE: C:\NYISO\CRPP\syste.sub
MONITORED ELEMENT FILE: C:\NYISO\CRPP\monte.mon
CONTINGENCY DESCRIPTION FILE: C:\NYISO\CRPP\contte1.con

	PRE-SHIFT	DELTA	POST-SHIFT
STUDY SYSTEM MW GENERATION:	1833.5	1000.0	2833.5
OPPOSING SYSTEM MW GENERATION:	3576.9	-1000.0	2576.9
STUDY SYSTEM NET INTERCHANGE:	1786.3	1000.0	2786.3

STUDY SYSTEM		GENERATOR MW			OPPOSING SYSTEM		GENERATOR MW		
BUS	BUS NAME	BASE	SHIFT	CHANGE	BUS	BUS NAME	BASE	SHIFT	CHANGE
76641	DUNKGEN413.8	191.0	241.0	50.0	74302	ER G7	13.2	166.0	26.0	-140.0
77051	HNTLY68G13.8	190.6	240.6	50.0	74702	RAV 3	22.0	972.0	692.0	-280.0
77951	9M PT 1G23.0	626.0	1126.0	500.0	74705	AST 4	20.0	467.9	367.9	-100.0
79515	MOS19-2013.8	114.0	214.0	100.0	74706	AST 5	20.0	361.0	241.0	-120.0
80900	LAKEVWG518.0	211.9	361.9	150.0	74906	NRTPTG1	22.0	380.0	310.0	-70.0
81765	NANTICG622.0	500.0	650.0	150.0	79390	BOW2	20.0	592.0	492.0	-100.0
					79538	POLETGT2	18.0	222.0	162.0	-60.0
					79539	POLETSTG	18.0	194.0	134.0	-60.0
					79540	POLETGT1	18.0	222.0	152.0	-70.0

LOADINGS AT OR ABOVE 100.0 %
OF RATING ARE MARKED WITH '*'

<----- FROM ----->	<------ TO ------>	CKT	TOTAL TRANS CAPAB	BASE CASE RATING A	PRE-SHIFT MW	POST-SHIFT MW	LIMIT CASE MW	DISTR. FACTOR
INTERFACE CENTRAL EAST			2701.9	3100	2647.1	3141.8*	3100.0*	0.49468
74344 PLTVLLEY 345	78701 LEEDS 3 345	2	3031.5	1331	-1079.	-1281.	-1264.	-0.20205
INTERFACE TOTAL EAST			3107.8	6500	5178.6	6178.6	6094.2	0.99992
75400 COOPC345 345	75403 FRASR345 345	1	3294.8	1207	-913.4	-1108.	-1092.	-0.19460
74344 PLTVLLEY 345	78705 ATHENS 345	1	3322.0	1331	-1036.	-1228.	-1212.	-0.19228
74002 ROSETON 345	74331 FISHKILL 345	1	3897.9	1935	1541.6	1727.9	1712.2	0.18629
78450 EDIC 345	78702 N.SCOT77 345	1	4127.6	1331	886.8	1076.5	1060.5	0.18974
78703 N.SCOT99 345	79583 MARCY T1 345	1	4213.1	1487	-990.0	-1195.	-1177.	-0.20482
78701 LEEDS 3 345	78702 N.SCOT77 345	1	4425.6	1331	-831.8	-1021.	-1005.	-0.18915
78701 LEEDS 3 345	78703 N.SCOT99 345	2	4463.6	1331	-827.6	-1016.	-999.8	-0.18801
78450 EDIC 345	77400 CLAY 345	2	4525.7	1033	-594.6	-754.7	-741.2	-0.16002
78450 EDIC 345	77400 CLAY 345	1	4546.7	1033	-592.8	-752.2	-738.8	-0.15949
75403 FRASR345 345	75405 OAKDL345 345	1	4880.8	1255	-622.9	-827.2	-809.9	-0.20427
78701 LEEDS 3 345	78705 ATHENS 345	1	4986.3	1331	715.7	908.0	891.8	0.19227
74001 ROCK TAV 345	74347 RAMAPO 345	1	5011.0	1720	948.8	1187.9	1167.7	0.23917
78701 LEEDS 3 345	79581 GILB 345 345	1	5531.6	1428	-869.9	-1019.	-1006.	-0.14901
75400 COOPC345 345	79304 N.M.TAP 345	1	5557.2	1464	807.9	981.9	967.2	0.17400
78460 PORTER 2 230	78980 ROTRDM.2 230	2	5586.1	439	262.8	309.2	305.2	0.04638
INTERFACE CENT E+FGILB			5663.1	5600	3046.6	3705.2	3649.6	0.65863
78980 ROTRDM.2 230	78782 RTRDM1 115	2	5706.1	300	208.9	232.2	230.2	0.02324

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*** TLTG TRANSFER LIMIT OUTPUT FOR INTERFACE VOLNEY EAST ***

<- INTERFACE 'VOLNEY EAST ' DEFINITION ->

<----- FROM ----->	<------ TO ------>	CKT	DISTR. FACTOR	PRE-SHIFT MW
75405 OAKDL345 345	75403 FRASR345 345	1	0.22698	622.9
75469 KATEL115 115	75467 JENN 115 115	1	0.01085	66.5
75488 OAKDL115 115	75444 DELHI115 115	1	0.01371	41.2
75513 WILET115 115	75446 E.NOR115 115	1	0.01212	61.0
77400 CLAY 345	78450 EDIC 345	1	0.17722	592.8
77400 CLAY 345	78450 EDIC 345	2	0.17781	594.6
77406 VOLNEY 345	79583 MARCY T1 345	1	0.17393	741.0
77426 BRDGPORT 115	78484 PETRBORO 115	1	0.01262	36.1
77466 LTHSE HL 115	78005 BLACK RV 115	1	0.00494	-6.0
77466 LTHSE HL 115	78018 E WTRTWN 115	1	0.00493	-2.2
77494 TEALL 115	78483 ONEIDA 115	1	0.01268	34.7
77500 WHITMAN 115	78483 ONEIDA 115	1	0.00745	-16.9
77779 OMEGAWIR34.5	78610 CAMDEN 34.5	1	0.00000	-2.9
79580 JA FITZP 345	78450 EDIC 345	1	0.16476	739.4
TOTALS FOR INTERFACE VOLNEY EAST			1.00000	3502.2

TOTAL TRANS CAPAB	<---------- LIMITING ELEMENT ----------> <----- FROM ----->	<------ TO ------>	CKT	DISTR. FACTOR	PRE-SHIFT MW	RATING BAS/CNT A/C	<--------------- CONTINGENCY DESCRIPTION --------------->
2082.5	79303 SMAHWAH2 345	5028 WALDWICK 345	1	0.03133	633.5	589.0	OPEN 74340 [LADENTWN 345] TO 74313 [BUCH S 345] CKT 1
							OPEN 74347 [RAMAPO 345] TO 74312 [BUCH N 345] CKT 1
							OPEN 74410 [BUCHNTA5 138] TO 74312 [BUCH N 345] CKT 1
2946.3	INTERFACE CENTRAL EAST			0.73033	3506.0	3100.0	OPEN 78450 [EDIC 345] TO 75403 [FRASR345 345] CKT 1
							OPEN 79583 [MARCY T1 345] TO 75400 [COOPC345 345] CKT 1
3220.0	INTERFACE CENTRAL EAST			0.69919	3297.4	3100.0	OPEN 79583 [MARCY T1 345] TO 75400 [COOPC345 345] CKT 1
							OPEN 75403 [FRASR345 345] TO 75400 [COOPC345 345] CKT 1
3415.7	INTERFACE CENTRAL EAST			0.67647	3158.5	3100.0	OPEN 75400 [COOPC345 345] TO 74001 [ROCK TAV 345] CKT 2
							OPEN 75400 [COOPC345 345] TO 79304 [N.M.TAP 345] CKT 1
							OPEN 79304 [N.M.TAP 345] TO 74001 [ROCK TAV 345] CKT 1
3446.9	INTERFACE TOTAL EAST			1.11111	6561.5	6500.0	SET BUS 71786 [SANDY PD 345] LOAD TO 0 MW DISPATCH
3446.9	INTERFACE TOTAL EAST			1.11111	6561.5	6500.0	OPEN 70509 [SB RCTOR 115] TO 70508 [SANDB115 115] CKT 2
							SET BUS 71786 [SANDY PD 345] LOAD TO 0 MW DISPATCH
3459.0	INTERFACE CENTRAL EAST			0.54968	3123.8	3100.0	SET BUS 71786 [SANDY PD 345] LOAD TO 0 MW DISPATCH
3459.0 *	INTERFACE CENTRAL EAST			0.54968	3123.8	3100.0	OPEN 70509 [SB RCTOR 115] TO 70508 [SANDB115 115] CKT 2
							SET BUS 71786 [SANDY PD 345] LOAD TO 0 MW DISPATCH
3617.0	INTERFACE TOTAL EAST			1.11111	6372.5	6500.0	OPEN 70509 [SB RCTOR 115] TO 70508 [SANDB115 115] CKT 2
							REMOVE MACHINE 1 FROM BUS 72869 [SBRK G1 25.0] DISPATCH
3617.0	INTERFACE TOTAL EAST			1.11111	6372.5	6500.0	REMOVE MACHINE 1 FROM BUS 72869 [SBRK G1 25.0] DISPATCH
3646.1 *	INTERFACE TOTAL EAST			1.11111	6340.1	6500.0	REMOVE MACHINE 3 FROM BUS 73563 [MILL#3 24.0] DISPATCH
4076.6	74344 PLTVLLEY 345	78701 LEEDS 3 345	2	-0.31962	-1540.4	1724.0	OPEN 78705 [ATHENS 345] TO 74344 [PLTVLLEY 345] CKT 1
4213.2	74344 PLTVLLEY 345	78705 ATHENS 345	1	-0.31085	-1503.0	1724.0	OPEN 78701 [LEEDS 3 345] TO 74344 [PLTVLLEY 345] CKT 2
4247.0	74344 PLTVLLEY 345	78701 LEEDS 3 345	2	-0.30645	-1495.8	1724.0	OPEN 78705 [ATHENS 345] TO 74344 [PLTVLLEY 345] CKT 1
							OPEN 74344 [PLTVLLEY 345] TO 74341 [MILLWOOD 345] CKT 1
4251.5	74344 PLTVLLEY 345	78701 LEEDS 3 345	2	-0.30678	-1494.2	1724.0	OPEN 78705 [ATHENS 345] TO 74344 [PLTVLLEY 345] CKT 1
							OPEN 74344 [PLTVLLEY 345] TO 74356 [WOOD B 345] CKT 1
4392.7	74344 PLTVLLEY 345	78705 ATHENS 345	1	-0.29842	-1458.3	1724.0	OPEN 78701 [LEEDS 3 345] TO 74344 [PLTVLLEY 345] CKT 2
							OPEN 74344 [PLTVLLEY 345] TO 74356 [WOOD B 345] CKT 1
4522.3	74344 PLTVLLEY 345	78701 LEEDS 3 345	2	-0.31961	-1398.0	1724.0	OPEN 78701 [LEEDS 3 345] TO 78705 [ATHENS 345] CKT 1

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*** TLTG TRANSFER LIMIT OUTPUT FOR INTERFACE VOLNEY EAST ***

TOTAL TRANS CAPAB	LIMITING ELEMENT FROM	LIMITING ELEMENT TO	CKT	DISTR. FACTOR	PRE-SHIFT MW	RATING BAS/CNT A/C	CONTINGENCY DESCRIPTION
4533.1	74344 PLTVLLEY 345	78705 ATHENS 345	1	-0.29045	-1424.6	1724.0	OPEN 78701 [LEEDS 3 345] TO 74344 [PLTVLLEY 345] CKT 2
							OPEN 78702 [N.SCOT77 345] TO 78701 [LEEDS 3 345] CKT 1
4571.2	*74344 PLTVLLEY 345	78701 LEEDS 3 345	2	-0.29979	-1403.5	1724.0	OPEN 79583 [MARCY T1 345] TO 75400 [COOPC345 345] CKT 1
							OPEN 75403 [FRASR345 345] TO 75400 [COOPC345 345] CKT 1
4665.4	79303 SMAHWAH2 345	5028 WALDWICK 345	1	0.04114	541.2	589.0	OPEN 74347 [RAMAPO 345] TO 74340 [LADENTWN 345] CKT 1
							OPEN 74347 [RAMAPO 345] TO 74312 [BUCH N 345] CKT 1
							OPEN 74410 [BUCHNTA5 138] TO 74312 [BUCH N 345] CKT 1
4794.9	78701 LEEDS 3 345	78703 N.SCOT99 345	2	-0.32820	-1299.8	1724.0	OPEN 78701 [LEEDS 3 345] TO 78702 [N.SCOT77 345] CKT 1
4831.5	75403 FRASR345 345	75405 OAKDL345 345	1	-0.30053	-980.5	1380.0	OPEN 78450 [EDIC 345] TO 75403 [FRASR345 345] CKT 1
							OPEN 79583 [MARCY T1 345] TO 75400 [COOPC345 345] CKT 1
4833.6	74344 PLTVLLEY 345	78705 ATHENS 345	1	-0.28529	-1344.2	1724.0	OPEN 79583 [MARCY T1 345] TO 75400 [COOPC345 345] CKT 1
							OPEN 75403 [FRASR345 345] TO 75400 [COOPC345 345] CKT 1
4859.8	75400 COOPC345 345	75403 FRASR345 345	1	-0.21624	-913.4	1207.0	BASE CASE
4884.3	*74344 PLTVLLEY 345	78705 ATHENS 345	1	-0.21366	-1035.7	1331.0	BASE CASE
4911.4	78703 N.SCOT99 345	79583 MARCY T1 345	1	-0.30731	-1359.0	1792.0	OPEN 78702 [N.SCOT77 345] TO 78450 [EDIC 345] CKT 1
							OPEN 78450 [EDIC 345] TO 78460 [PORTER 2 230] CKT 1
							OPEN 78450 [EDIC 345] TO 78485 [PORTER 1 115] CKT 1
4981.9	78703 N.SCOT99 345	79583 MARCY T1 345	1	-0.30226	-1344.8	1792.0	OPEN 78450 [EDIC 345] TO 75403 [FRASR345 345] CKT 1
							OPEN 79583 [MARCY T1 345] TO 75400 [COOPC345 345] CKT 1
4998.1	79304 N.M.TAP 345	79322 SHOEMTAP 138	1	0.07770	550.8	667.0	OPEN 74001 [ROCK TAV 345] TO 74347 [RAMAPO 345] CKT 1
							OPEN 74001 [ROCK TAV 345] TO 74046 [ROCK TV1 115] CKT 1
							OPEN 74046 [ROCK TV1 115] TO 74018 [SUGARLF 115] CKT 1
5028.9	79586 ADRON B2 230	79590 MOSES W 230	1	-0.02954	-394.9	440.0	OPEN 79578 [MASS 765 765] TO 79577 [MARCY765 765] CKT 1
5028.9	79585 ADRON B1 230	79590 MOSES W 230	1	-0.02954	-394.9	440.0	OPEN 79578 [MASS 765 765] TO 79577 [MARCY765 765] CKT 1
5101.7	75400 COOPC345 345	75403 FRASR345 345	1	-0.28966	-1239.7	1703.0	OPEN 78460 [PORTER 2 230] TO 78980 [ROTRDM.2 230] CKT 1
							OPEN 79583 [MARCY T1 345] TO 75400 [COOPC345 345] CKT 1
5143.3	78703 N.SCOT99 345	79583 MARCY T1 345	1	-0.30089	-1298.2	1792.0	OPEN 78450 [EDIC 345] TO 78702 [N.SCOT77 345] CKT 1
5158.6	75403 FRASR345 345	79581 GILB 345 345	1	0.32115	992.1	1524.0	OPEN 79583 [MARCY T1 345] TO 75400 [COOPC345 345] CKT 1
							OPEN 75403 [FRASR345 345] TO 75400 [COOPC345 345] CKT 1
5162.4	75400 COOPC345 345	75403 FRASR345 345	1	-0.28703	-1226.5	1703.0	OPEN 79583 [MARCY T1 345] TO 75400 [COOPC345 345] CKT 1
5165.2	75400 COOPC345 345	75403 FRASR345 345	1	-0.28696	-1225.8	1703.0	OPEN 79590 [MOSES W 230] TO 79585 [ADRON B1 230] CKT 1
							OPEN 79583 [MARCY T1 345] TO 75400 [COOPC345 345] CKT 1
5166.1	75400 COOPC345 345	79583 MARCY T1 345	1	-0.22368	-972.8	1345.0	OPEN 75403 [FRASR345 345] TO 75400 [COOPC345 345] CKT 1
							OPEN 75405 [OAKDL345 345] TO 75403 [FRASR345 345] CKT 1
5174.1	*75400 COOPC345 345	75403 FRASR345 345	1	-0.28686	-1223.4	1703.0	OPEN 79577 [MARCY765 765] TO 79583 [MARCY T1 345] CKT 1
							OPEN 79583 [MARCY T1 345] TO 75400 [COOPC345 345] CKT 1
5190.1	75403 FRASR345 345	79581 GILB 345 345	1	0.32469	976.0	1524.0	OPEN 75400 [COOPC345 345] TO 74001 [ROCK TAV 345] CKT 2
							OPEN 75400 [COOPC345 345] TO 79304 [N.M.TAP 345] CKT 1
							OPEN 79304 [N.M.TAP 345] TO 74001 [ROCK TAV 345] CKT 1
5208.2	75400 COOPC345 345	79583 MARCY T1 345	1	-0.22137	-967.4	1345.0	OPEN 75403 [FRASR345 345] TO 75400 [COOPC345 345] CKT 1
5211.1	75400 COOPC345 345	79583 MARCY T1 345	1	-0.22136	-966.7	1345.0	OPEN 75403 [FRASR345 345] TO 75400 [COOPC345 345] CKT 1
							OPEN 75400 [COOPC345 345] TO 75440 [COOPC115 115] CKT 1
5233.8	75400 COOPC345 345	79304 N.M.TAP 345	1	0.30790	1259.9	1793.0	OPEN 74001 [ROCK TAV 345] TO 75400 [COOPC345 345] CKT 2
							OPEN 75400 [COOPC345 345] TO 75440 [COOPC115 115] CKT 1
5242.7	78701 LEEDS 3 345	78705 ATHENS 345	1	0.31085	1183.0	1724.0	OPEN 78701 [LEEDS 3 345] TO 74344 [PLTVLLEY 345] CKT 2
5244.6	75400 COOPC345 345	79304 N.M.TAP 345	1	0.30766	1256.9	1793.0	OPEN 75400 [COOPC345 345] TO 74001 [ROCK TAV 345] CKT 2
5250.6	78703 N.SCOT99 345	79583 MARCY T1 345	1	-0.29572	-1275.0	1792.0	OPEN 79580 [JA FITZP 345] TO 78450 [EDIC 345] CKT 1
							OPEN 78702 [N.SCOT77 345] TO 78450 [EDIC 345] CKT 1

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*** TLTG TRANSFER LIMIT OUTPUT FOR INTERFACE TOTAL EAST ***

<- INTERFACE 'TOTAL EAST ' DEFINITION ->						PRE-SHIFT
<----- FROM ----->		<------ TO ------>		CKT	DISTR. FACTOR	MW
75512	W.WDB115 115	76210	W.WDBR6969.0	1	0.00483	20.4
75403	FRASR345 345	79581	GILB 345 345	1	0.16397	399.5
75400	COOPC345 345	74001	ROCK TAV 345	2	0.16248	709.2
75400	COOPC345 345	79304	N.M.TAP 345	1	0.17401	807.9
2	BRANCHBG 500	74300	RAMAPO 5 500	1	0.00000	440.3
4989	HUDSON1 345	74328	FARRGUT1 345	1	0.00000	400.1
5039	HUDSON2 345	74329	FARRGUT2 345	1	0.00000	400.1
4996	LINDEN 230	74371	GOETHALS 230	1	0.00000	200.5
5028	WALDWICK 345	79302	SMAHWAH1 345	1	-0.00242	-439.4
5028	WALDWICK 345	79303	SMAHWAH2 345	1	0.00242	-578.9
79314	HCOR138 138	79311	BURNS138 138	1	-0.00048	-101.8
79320	SMAH138 138	79302	SMAHWAH1 345	1	0.00734	-208.0
79320	SMAH138 138	79319	RAMP138 138	1	-0.00437	-82.0
79334	CLOSTR6969.0	79357	SPARKILL69.0	1	0.00066	-11.8
79338	HCOR69 69.0	79362	WNYA69 69.0	1	0.00172	-16.8
79346	MONTVALE69.0	79327	BLUHILL 69.0	1	0.00000	6.1
79346	MONTVALE69.0	79327	BLUHILL 69.0	2	0.00000	6.1
79346	MONTVALE69.0	79400	L491T 69.0	1	0.00046	-34.8
79356	SMAH69 69.0	79340	HILB69 69.0	1	-0.00523	-44.4
79370	HCOR34 34.5	79376	PEARL34 34.5	1	-0.00010	2.9
75447	E.SPR115 115	79136	INGHAM-E 115	1	0.00861	14.5
78450	EDIC 345	78702	N.SCOT77 345	1	0.18975	886.8
78460	PORTER 2 230	78980	ROTRDM.2 230	1	0.04514	256.0
78460	PORTER 2 230	78980	ROTRDM.2 230	2	0.04638	262.8
78478	INGMS-CD 115	79136	INGHAM-E 115	1	0.00000	119.9
79583	MARCY T1 345	78703	N.SCOT99 345	1	0.20484	990.0
79602	PLAT T#3 115	70511	GRAND IS 115	1	0.00000	117.2
74959	NEPTCONV 345	74958	NWBRG 345	1	0.00000	656.3
TOTALS FOR INTERFACE TOTAL EAST					1.00000	5178.6

TOTAL TRANS CAPAB	<---------- LIMITING ELEMENT ----------> <----- FROM ----->	<------ TO ------>	CKT	DISTR. FACTOR	PRE-SHIFT MW	RATING BAS/CNT A/C	<--------------- CONTINGENCY DESCRIPTION --------------->
3601.2	79303 SMAHWAH2 345	5028 WALDWICK 345	1	0.02820	633.5	589.0	OPEN 74340 [LADENTWN 345] TO 74313 [BUCH S 345] CKT 1
							OPEN 74347 [RAMAPO 345] TO 74312 [BUCH N 345] CKT 1
							OPEN 74410 [BUCHNTA5 138] TO 74312 [BUCH N 345] CKT 1
4560.9	INTERFACE CENTRAL EAST			0.65730	3506.0	3100.0	OPEN 78450 [EDIC 345] TO 75403 [FRASR345 345] CKT 1
							OPEN 79583 [MARCY T1 345] TO 75400 [COOPC345 345] CKT 1
4865.0	INTERFACE CENTRAL EAST			0.62927	3297.4	3100.0	OPEN 79583 [MARCY T1 345] TO 75400 [COOPC345 345] CKT 1
							OPEN 75403 [FRASR345 345] TO 75400 [COOPC345 345] CKT 1
5082.5	INTERFACE CENTRAL EAST			0.60883	3158.5	3100.0	OPEN 75400 [COOPC345 345] TO 74001 [ROCK TAV 345] CKT 2
							OPEN 75400 [COOPC345 345] TO 79304 [N.M.TAP 345] CKT 1
							OPEN 79304 [N.M.TAP 345] TO 74001 [ROCK TAV 345] CKT 1
5117.2	INTERFACE TOTAL EAST			1.00000	6561.5	6500.0	SET BUS 71786 [SANDY PD 345] LOAD TO 0 MW DISPATCH
5117.2	INTERFACE TOTAL EAST			1.00000	6561.5	6500.0	OPEN 70509 [SB RCTOR 115] TO 70508 [SANDB115 115] CKT 2
							SET BUS 71786 [SANDY PD 345] LOAD TO 0 MW DISPATCH
5130.6	INTERFACE CENTRAL EAST			0.49471	3123.8	3100.0	SET BUS 71786 [SANDY PD 345] LOAD TO 0 MW DISPATCH

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*** TLTG TRANSFER LIMIT OUTPUT FOR INTERFACE TOTAL EAST ***

TOTAL TRANS CAPAB	<---------- LIMITING ELEMENT ----------> FROM ----->	<------ TO ------>CKT	DISTR. FACTOR	PRE-SHIFT MW	RATING BAS/CNT A/C	<---------- CONTINGENCY DESCRIPTION ---------->
5130.6 *	INTERFACE CENTRAL EAST		0.49471	3123.8	3100.0	OPEN 70509 [SB RCTOR 115] TO 70508 [SANDB115 115] CKT 2
						SET BUS 71786 [SANDY PD 345] LOAD TO 0 MW DISPATCH
5306.1	INTERFACE TOTAL EAST		1.00000	6372.5	6500.0	OPEN 70509 [SB RCTOR 115] TO 70508 [SANDB115 115] CKT 2
						REMOVE MACHINE 1 FROM BUS 72869 [SBRK G1 25.0] DISPATCH
5306.1	INTERFACE TOTAL EAST		1.00000	6372.5	6500.0	REMOVE MACHINE 1 FROM BUS 72869 [SBRK G1 25.0] DISPATCH
5338.5 *	INTERFACE TOTAL EAST		1.00000	6340.1	6500.0	REMOVE MACHINE 3 FROM BUS 73563 [MILL#3 24.0] DISPATCH
5816.9	74344 PLTVLLEY 345	78701 LEEDS 3 345 2	-0.28766	-1540.4	1724.0	OPEN 78705 [ATHENS 345] TO 74344 [PLTVLLEY 345] CKT 1
5968.6	74344 PLTVLLEY 345	78705 ATHENS 345 1	-0.27977	-1503.0	1724.0	OPEN 78701 [LEEDS 3 345] TO 74344 [PLTVLLEY 345] CKT 2
6006.1	74344 PLTVLLEY 345	78701 LEEDS 3 345 2	-0.27581	-1495.8	1724.0	OPEN 78705 [ATHENS 345] TO 74344 [PLTVLLEY 345] CKT 1
						OPEN 74344 [PLTVLLEY 345] TO 74341 [MILLWOOD 345] CKT 1
6011.1	74344 PLTVLLEY 345	78701 LEEDS 3 345 2	-0.27610	-1494.2	1724.0	OPEN 78705 [ATHENS 345] TO 74344 [PLTVLLEY 345] CKT 1
						OPEN 74344 [PLTVLLEY 345] TO 74356 [WOOD B 345] CKT 1
6168.0	74344 PLTVLLEY 345	78705 ATHENS 345 1	-0.26858	-1458.3	1724.0	OPEN 78701 [LEEDS 3 345] TO 74344 [PLTVLLEY 345] CKT 2
						OPEN 74344 [PLTVLLEY 345] TO 74356 [WOOD B 345] CKT 1
6312.0	74344 PLTVLLEY 345	78701 LEEDS 3 345 2	-0.28765	-1398.0	1724.0	OPEN 78701 [LEEDS 3 345] TO 78705 [ATHENS 345] CKT 1
6324.0	74344 PLTVLLEY 345	78705 ATHENS 345 1	-0.26141	-1424.6	1724.0	OPEN 78701 [LEEDS 3 345] TO 74344 [PLTVLLEY 345] CKT 2
						OPEN 78702 [N.SCOT77 345] TO 78701 [LEEDS 3 345] CKT 1
6366.4 *	74344 PLTVLLEY 345	78701 LEEDS 3 345 2	-0.26982	-1403.5	1724.0	OPEN 79583 [MARCY T1 345] TO 75400 [COOPC345 345] CKT 1
						OPEN 75403 [FRASR345 345] TO 75400 [COOPC345 345] CKT 1
6471.1	79303 SMAHWAH2 345	5028 WALDWICK 345 1	0.03702	541.2	589.0	OPEN 74347 [RAMAPO 345] TO 74340 [LADENTWN 345] CKT 1
						OPEN 74347 [RAMAPO 345] TO 74312 [BUCH N 345] CKT 1
						OPEN 74410 [BUCHNTA5 138] TO 74312 [BUCH N 345] CKT 1
6614.9	78701 LEEDS 3 345	78703 N.SCOT99 345 2	-0.29539	-1299.8	1724.0	OPEN 78701 [LEEDS 3 345] TO 78702 [N.SCOT77 345] CKT 1
6655.6	75403 FRASR345 345	75405 OAKDL345 345 1	-0.27048	-980.5	1380.0	OPEN 78450 [EDIC 345] TO 75403 [FRASR345 345] CKT 1
						OPEN 79583 [MARCY T1 345] TO 75400 [COOPC345 345] CKT 1
6657.9	74344 PLTVLLEY 345	78705 ATHENS 345 1	-0.25677	-1344.2	1724.0	OPEN 79583 [MARCY T1 345] TO 75400 [COOPC345 345] CKT 1
						OPEN 75403 [FRASR345 345] TO 75400 [COOPC345 345] CKT 1
6687.1	75400 COOPC345 345	75403 FRASR345 345 1	-0.19462	-913.4	1207.0	BASE CASE
6714.2 *	74344 PLTVLLEY 345	78705 ATHENS 345 1	-0.19229	-1035.7	1331.0	BASE CASE
6744.4	78703 N.SCOT99 345	79583 MARCY T1 345 1	-0.27658	-1359.0	1792.0	OPEN 78702 [N.SCOT77 345] TO 78450 [EDIC 345] CKT 1
						OPEN 78450 [EDIC 345] TO 78460 [PORTER 2 230] CKT 1
						OPEN 78450 [EDIC 345] TO 78485 [PORTER 1 115] CKT 1
6822.7	78703 N.SCOT99 345	79583 MARCY T1 345 1	-0.27203	-1344.8	1792.0	OPEN 78450 [EDIC 345] TO 75403 [FRASR345 345] CKT 1
						OPEN 79583 [MARCY T1 345] TO 75400 [COOPC345 345] CKT 1
6840.7	79304 N.M.TAP 345	79322 SHOEMTAP 138 1	0.06993	550.8	667.0	OPEN 74001 [ROCK TAV 345] TO 74347 [RAMAPO 345] CKT 1
						OPEN 74001 [ROCK TAV 345] TO 74046 [ROCK TV1 115] CKT 1
						OPEN 74046 [ROCK TV1 115] TO 74018 [SUGARLF 115] CKT 1
6874.9	79586 ADRON B2 230	79590 MOSES W 230 1	-0.02658	-394.9	440.0	OPEN 79578 [MASS 765 765] TO 79577 [MARCY765 765] CKT 1
6875.0	79585 ADRON B1 230	79590 MOSES W 230 1	-0.02658	-394.9	440.0	OPEN 79578 [MASS 765 765] TO 79577 [MARCY765 765] CKT 1
6955.8	75400 COOPC345 345	75403 FRASR345 345 1	-0.26069	-1239.7	1703.0	OPEN 78460 [PORTER 2 230] TO 78980 [ROTRDM.2 230] CKT 1
						OPEN 79583 [MARCY T1 345] TO 75400 [COOPC345 345] CKT 1
7002.0	78703 N.SCOT99 345	79583 MARCY T1 345 1	-0.27080	-1298.2	1792.0	OPEN 78450 [EDIC 345] TO 78702 [N.SCOT77 345] CKT 1
7019.0	75403 FRASR345 345	79581 GILB 345 345 1	0.28904	992.1	1524.0	OPEN 79583 [MARCY T1 345] TO 75400 [COOPC345 345] CKT 1
						OPEN 75403 [FRASR345 345] TO 75400 [COOPC345 345] CKT 1
7023.3	75400 COOPC345 345	75403 FRASR345 345 1	-0.25833	-1226.5	1703.0	OPEN 79583 [MARCY T1 345] TO 75400 [COOPC345 345] CKT 1
7026.4	75400 COOPC345 345	75403 FRASR345 345 1	-0.25827	-1225.8	1703.0	OPEN 79590 [MOSES W 230] TO 79585 [ADRON B1 230] CKT 1
						OPEN 79583 [MARCY T1 345] TO 75400 [COOPC345 345] CKT 1

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*** TLTG TRANSFER LIMIT OUTPUT FOR INTERFACE CENTRAL EAST ***

<- INTERFACE 'CENTRAL EAST' DEFINITION ->

<----- FROM ----->	<------ TO ------>	CKT	DISTR. FACTOR	PRE-SHIFT MW
75447 E.SPR115 115	79136 INGHAM-E 115	1	0.01740	14.5
78450 EDIC 345	78702 N.SCOT77 345	1	0.38356	886.8
78460 PORTER 2 230	78980 ROTRDM.2 230	1	0.09124	256.0
78460 PORTER 2 230	78980 ROTRDM.2 230	2	0.09375	262.8
78478 INGMS-CD 115	79136 INGHAM-E 115	1	0.00000	119.9
79583 MARCY T1 345	78703 N.SCOT99 345	1	0.41405	990.0
79602 PLAT T#3 115	70511 GRAND IS 115	1	0.00000	117.2
TOTALS FOR INTERFACE CENTRAL EAST			1.00000	2647.1

TOTAL TRANS CAPAB	<---------- LIMITING ELEMENT ----------> <----- FROM ----->	<------ TO ------>	CKT	DISTR. FACTOR	PRE-SHIFT MW	RATING BAS/CNT A/C	<--------------- CONTINGENCY DESCRIPTION --------------->
1866.7	79303 SMAHWAH2 345	5028 WALDWICK 345	1	0.05700	633.5	589.0	OPEN 74340 [LADENTWN 345] TO 74313 [BUCH S 345] CKT 1
							OPEN 74347 [RAMAPO 345] TO 74312 [BUCH N 345] CKT 1
							OPEN 74410 [BUCHNTA5 138] TO 74312 [BUCH N 345] CKT 1
2341.5	INTERFACE CENTRAL EAST			1.32865	3506.0	3100.0	OPEN 78450 [EDIC 345] TO 75403 [FRASR345 345] CKT 1
							OPEN 79583 [MARCY T1 345] TO 75400 [COOPC345 345] CKT 1
2491.9	INTERFACE CENTRAL EAST			1.27199	3297.4	3100.0	OPEN 79583 [MARCY T1 345] TO 75400 [COOPC345 345] CKT 1
							OPEN 75403 [FRASR345 345] TO 75400 [COOPC345 345] CKT 1
2599.5	INTERFACE CENTRAL EAST			1.23066	3158.5	3100.0	OPEN 75400 [COOPC345 345] TO 74001 [ROCK TAV 345] CKT 2
							OPEN 75400 [COOPC345 345] TO 79304 [N.M.TAP 345] CKT 1
							OPEN 79304 [N.M.TAP 345] TO 74001 [ROCK TAV 345] CKT 1
2616.7	INTERFACE TOTAL EAST			2.02137	6561.5	6500.0	SET BUS 71786 [SANDY PD 345] LOAD TO 0 MW DISPATCH
2616.7	INTERFACE TOTAL EAST			2.02137	6561.5	6500.0	OPEN 70509 [SB RCTOR 115] TO 70508 [SANDB115 115] CKT 2
							SET BUS 71786 [SANDY PD 345] LOAD TO 0 MW DISPATCH
2623.3	INTERFACE CENTRAL EAST			1.00000	3123.8	3100.0	SET BUS 71786 [SANDY PD 345] LOAD TO 0 MW DISPATCH
2623.3 *	INTERFACE CENTRAL EAST			1.00000	3123.8	3100.0	OPEN 70509 [SB RCTOR 115] TO 70508 [SANDB115 115] CKT 2
							SET BUS 71786 [SANDY PD 345] LOAD TO 0 MW DISPATCH
2710.1	INTERFACE TOTAL EAST			2.02137	6372.5	6500.0	OPEN 70509 [SB RCTOR 115] TO 70508 [SANDB115 115] CKT 2
							REMOVE MACHINE 1 FROM BUS 72869 [SBRK G1 25.0] DISPATCH
2710.1	INTERFACE TOTAL EAST			2.02137	6372.5	6500.0	REMOVE MACHINE 1 FROM BUS 72869 [SBRK G1 25.0] DISPATCH
2726.2 *	INTERFACE TOTAL EAST			2.02137	6340.1	6500.0	REMOVE MACHINE 3 FROM BUS 73563 [MILL#3 24.0] DISPATCH
2962.8	74344 PLTVLLEY 345	78701 LEEDS 3	345 2	-0.58146	-1540.4	1724.0	OPEN 78705 [ATHENS 345] TO 74344 [PLTVLLEY 345] CKT 1
3037.9	74344 PLTVLLEY 345	78705 ATHENS	345 1	-0.56551	-1503.0	1724.0	OPEN 78701 [LEEDS 3 345] TO 74344 [PLTVLLEY 345] CKT 2
3056.5	74344 PLTVLLEY 345	78701 LEEDS 3	345 2	-0.55751	-1495.8	1724.0	OPEN 78705 [ATHENS 345] TO 74344 [PLTVLLEY 345] CKT 1
							OPEN 74344 [PLTVLLEY 345] TO 74341 [MILLWOOD 345] CKT 1
3058.9	74344 PLTVLLEY 345	78701 LEEDS 3	345 2	-0.55810	-1494.2	1724.0	OPEN 78705 [ATHENS 345] TO 74344 [PLTVLLEY 345] CKT 1
							OPEN 74344 [PLTVLLEY 345] TO 74356 [WOOD B 345] CKT 1
3136.5	74344 PLTVLLEY 345	78705 ATHENS	345 1	-0.54291	-1458.3	1724.0	OPEN 78701 [LEEDS 3 345] TO 74344 [PLTVLLEY 345] CKT 2
							OPEN 74344 [PLTVLLEY 345] TO 74356 [WOOD B 345] CKT 1
3207.8	74344 PLTVLLEY 345	78701 LEEDS 3	345 2	-0.58145	-1398.0	1724.0	OPEN 78701 [LEEDS 3 345] TO 78705 [ATHENS 345] CKT 1
3213.7	74344 PLTVLLEY 345	78705 ATHENS	345 1	-0.52840	-1424.6	1724.0	OPEN 78701 [LEEDS 3 345] TO 74344 [PLTVLLEY 345] CKT 2
							OPEN 78702 [N.SCOT77 345] TO 78701 [LEEDS 3 345] CKT 1
3234.7 *	74344 PLTVLLEY 345	78701 LEEDS 3	345 2	-0.54540	-1403.5	1724.0	OPEN 79583 [MARCY T1 345] TO 75400 [COOPC345 345] CKT 1
							OPEN 75403 [FRASR345 345] TO 75400 [COOPC345 345] CKT 1
3286.5	79303 SMAHWAH2 345	5028 WALDWICK 345	1	0.07484	541.2	589.0	OPEN 74347 [RAMAPO 345] TO 74340 [LADENTWN 345] CKT 1
							OPEN 74347 [RAMAPO 345] TO 74312 [BUCH N 345] CKT 1
							OPEN 74410 [BUCHNTA5 138] TO 74312 [BUCH N 345] CKT 1

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*** TLTG TRANSFER LIMIT OUTPUT FOR INTERFACE CENTRAL EAST ***

TOTAL TRANS CAPAB	LIMITING ELEMENT FROM	LIMITING ELEMENT TO	CKT	DISTR. FACTOR	PRE-SHIFT MW	RATING BAS/CNT A/C	CONTINGENCY DESCRIPTION
3357.6	78701 LEEDS 3 345	78703 N.SCOT99 345	2	-0.59708	-1299.8	1724.0	OPEN 78701 [LEEDS 3 345] TO 78702 [N.SCOT77 345] CKT 1
3377.7	75403 FRASR345 345	75405 OAKDL345 345	1	-0.54674	-980.5	1380.0	OPEN 78450 [EDIC 345] TO 75403 [FRASR345 345] CKT 1
							OPEN 79583 [MARCY T1 345] TO 75400 [COOPC345 345] CKT 1
3378.9	74344 PLTVLLEY 345	78705 ATHENS 345	1	-0.51902	-1344.2	1724.0	OPEN 79583 [MARCY T1 345] TO 75400 [COOPC345 345] CKT 1
							OPEN 75403 [FRASR345 345] TO 75400 [COOPC345 345] CKT 1
3393.3	75400 COOPC345 345	75403 FRASR345 345	1	-0.39339	-913.4	1207.0	BASE CASE
3406.8	*74344 PLTVLLEY 345	78705 ATHENS 345	1	-0.38869	-1035.7	1331.0	BASE CASE
3421.7	78703 N.SCOT99 345	79583 MARCY T1 345	1	-0.55906	-1359.0	1792.0	OPEN 78702 [N.SCOT77 345] TO 78450 [EDIC 345] CKT 1
							OPEN 78450 [EDIC 345] TO 78460 [PORTER 2 230] CKT 1
							OPEN 78450 [EDIC 345] TO 78485 [PORTER 1 115] CKT 1
3460.4	78703 N.SCOT99 345	79583 MARCY T1 345	1	-0.54988	-1344.8	1792.0	OPEN 78450 [EDIC 345] TO 75403 [FRASR345 345] CKT 1
							OPEN 79583 [MARCY T1 345] TO 75400 [COOPC345 345] CKT 1
3469.3	79304 N.M.TAP 345	79322 SHOEMTAP 138	1	0.14135	550.8	667.0	OPEN 74001 [ROCK TAV 345] TO 74347 [RAMAPO 345] CKT 1
							OPEN 74001 [ROCK TAV 345] TO 74046 [ROCK TV1 115] CKT 1
							OPEN 74046 [ROCK TV1 115] TO 74018 [SUGARLF 115] CKT 1
3486.3	79586 ADRON B2 230	79590 MOSES W 230	1	-0.05373	-394.9	440.0	OPEN 79578 [MASS 765 765] TO 79577 [MARCY765 765] CKT 1
3486.3	79585 ADRON B1 230	79590 MOSES W 230	1	-0.05373	-394.9	440.0	OPEN 79578 [MASS 765 765] TO 79577 [MARCY765 765] CKT 1
3526.3	75400 COOPC345 345	75403 FRASR345 345	1	-0.52695	-1239.7	1703.0	OPEN 78460 [PORTER 2 230] TO 78980 [ROTRDM.2 230] CKT 1
							OPEN 79583 [MARCY T1 345] TO 75400 [COOPC345 345] CKT 1
3549.1	78703 N.SCOT99 345	79583 MARCY T1 345	1	-0.54739	-1298.2	1792.0	OPEN 78450 [EDIC 345] TO 78702 [N.SCOT77 345] CKT 1
3557.5	75403 FRASR345 345	79581 GILB 345 345	1	0.58425	992.1	1524.0	OPEN 79583 [MARCY T1 345] TO 75400 [COOPC345 345] CKT 1
							OPEN 75403 [FRASR345 345] TO 75400 [COOPC345 345] CKT 1
3559.6	75400 COOPC345 345	75403 FRASR345 345	1	-0.52218	-1226.5	1703.0	OPEN 79583 [MARCY T1 345] TO 75400 [COOPC345 345] CKT 1
3561.2	75400 COOPC345 345	75403 FRASR345 345	1	-0.52206	-1225.8	1703.0	OPEN 79590 [MOSES W 230] TO 79585 [ADRON B1 230] CKT 1
							OPEN 79583 [MARCY T1 345] TO 75400 [COOPC345 345] CKT 1
3561.7	75400 COOPC345 345	79583 MARCY T1 345	1	-0.40692	-972.8	1345.0	OPEN 75403 [FRASR345 345] TO 75400 [COOPC345 345] CKT 1
							OPEN 75405 [OAKDL345 345] TO 75403 [FRASR345 345] CKT 1
3566.1	*75400 COOPC345 345	75403 FRASR345 345	1	-0.52187	-1223.4	1703.0	OPEN 79577 [MARCY765 765] TO 79583 [MARCY T1 345] CKT 1
							OPEN 79583 [MARCY T1 345] TO 75400 [COOPC345 345] CKT 1
3574.9	75403 FRASR345 345	79581 GILB 345 345	1	0.59069	976.0	1524.0	OPEN 75400 [COOPC345 345] TO 74001 [ROCK TAV 345] CKT 2
							OPEN 75400 [COOPC345 345] TO 79304 [N.M.TAP 345] CKT 1
							OPEN 79304 [N.M.TAP 345] TO 74001 [ROCK TAV 345] CKT 1
3584.8	75400 COOPC345 345	79583 MARCY T1 345	1	-0.40273	-967.4	1345.0	OPEN 75403 [FRASR345 345] TO 75400 [COOPC345 345] CKT 1
3586.4	75400 COOPC345 345	79583 MARCY T1 345	1	-0.40271	-966.7	1345.0	OPEN 75403 [FRASR345 345] TO 75400 [COOPC345 345] CKT 1
							OPEN 75400 [COOPC345 345] TO 75440 [COOPC115 115] CKT 1
3598.9	75400 COOPC345 345	79304 N.M.TAP 345	1	0.56014	1259.9	1793.0	OPEN 74001 [ROCK TAV 345] TO 75400 [COOPC345 345] CKT 2
							OPEN 75400 [COOPC345 345] TO 75440 [COOPC115 115] CKT 1
3603.8	78701 LEEDS 3 345	78705 ATHENS 345	1	0.56550	1183.0	1724.0	OPEN 78701 [LEEDS 3 345] TO 74344 [PLTVLLEY 345] CKT 2
3604.8	75400 COOPC345 345	79304 N.M.TAP 345	1	0.55972	1256.9	1793.0	OPEN 75400 [COOPC345 345] TO 74001 [ROCK TAV 345] CKT 2
3608.1	78703 N.SCOT99 345	79583 MARCY T1 345	1	-0.53799	-1275.0	1792.0	OPEN 79580 [JA FITZP 345] TO 78450 [EDIC 345] CKT 1
							OPEN 78702 [N.SCOT77 345] TO 78450 [EDIC 345] CKT 1
3628.5	78450 EDIC 345	78702 N.SCOT77 345	1	0.52012	1213.5	1724.0	OPEN 79590 [MOSES W 230] TO 79586 [ADRON B2 230] CKT 1
							OPEN 79583 [MARCY T1 345] TO 78703 [N.SCOT99 345] CKT 1
3629.7	78450 EDIC 345	78702 N.SCOT77 345	1	0.52002	1213.0	1724.0	OPEN 78703 [N.SCOT99 345] TO 79583 [MARCY T1 345] CKT 1
3641.0	74001 ROCK TAV 345	74347 RAMAPO 345	1	0.63782	1535.0	2169.0	OPEN 74331 [FISHKILL 345] TO 74022 [E FISH I 115] CKT 1
							OPEN 74331 [FISHKILL 345] TO 74002 [ROSETON 345] CKT 1
3642.5	78450 EDIC 345	78702 N.SCOT77 345	1	0.51944	1206.9	1724.0	OPEN 79577 [MARCY765 765] TO 79583 [MARCY T1 345] CKT 2
							OPEN 78703 [N.SCOT99 345] TO 79583 [MARCY T1 345] CKT 1

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*** TLTG TRANSFER LIMIT OUTPUT FOR INTERFACE CENT E+FGILB ***

<- INTERFACE 'CENT E+FGILB' DEFINITION ->

<----- FROM ----->	<------ TO ------>	CKT	DISTR. FACTOR	PRE-SHIFT MW
75403 FRASR345 345	79581 GILB 345 345	1	0.24893	399.5
75447 E.SPR115 115	79136 INGHAM-E 115	1	0.01307	14.5
78450 EDIC 345	78702 N.SCOT77 345	1	0.28808	886.8
78460 PORTER 2 230	78980 ROTRDM.2 230	1	0.06853	256.0
78460 PORTER 2 230	78980 ROTRDM.2 230	2	0.07042	262.8
78478 INGMS-CD 115	79136 INGHAM-E 115	1	0.00000	119.9
79583 MARCY T1 345	78703 N.SCOT99 345	1	0.31098	990.0
79602 PLAT T#3 115	70511 GRAND IS 115	1	0.00000	117.2
TOTALS FOR INTERFACE CENT E+FGILB			1.00000	3046.6

TOTAL TRANS CAPAB	<---------- LIMITING ELEMENT ----------> <----- FROM ----->	<------ TO ------>	CKT	DISTR. FACTOR	PRE-SHIFT MW	RATING BAS/CNT A/C	<---------- CONTINGENCY DESCRIPTION ---------->
2007.6	79303 SMAHWAH2 345	5028 WALDWICK 345	1	0.04281	633.5	589.0	OPEN 74340 [LADENTWN 345] TO 74313 [BUCH S 345] CKT 1
							OPEN 74347 [RAMAPO 345] TO 74312 [BUCH N 345] CKT 1
							OPEN 74410 [BUCHNTA5 138] TO 74312 [BUCH N 345] CKT 1
2639.7	INTERFACE CENTRAL EAST			0.99790	3506.0	3100.0	OPEN 78450 [EDIC 345] TO 75403 [FRASR345 345] CKT 1
							OPEN 79583 [MARCY T1 345] TO 75400 [COOPC345 345] CKT 1
2840.0	INTERFACE CENTRAL EAST			0.95535	3297.4	3100.0	OPEN 79583 [MARCY T1 345] TO 75400 [COOPC345 345] CKT 1
							OPEN 75403 [FRASR345 345] TO 75400 [COOPC345 345] CKT 1
2983.3	INTERFACE CENTRAL EAST			0.92431	3158.5	3100.0	OPEN 75400 [COOPC345 345] TO 74001 [ROCK TAV 345] CKT 2
							OPEN 75400 [COOPC345 345] TO 79304 [N.M.TAP 345] CKT 1
							OPEN 79304 [N.M.TAP 345] TO 74001 [ROCK TAV 345] CKT 1
3006.1	INTERFACE TOTAL EAST			1.51818	6561.5	6500.0	SET BUS 71786 [SANDY PD 345] LOAD TO 0 MW DISPATCH
3006.1	INTERFACE TOTAL EAST			1.51818	6561.5	6500.0	OPEN 70509 [SB RCTOR 115] TO 70508 [SANDB115 115] CKT 2
							SET BUS 71786 [SANDY PD 345] LOAD TO 0 MW DISPATCH
3014.9	INTERFACE CENTRAL EAST			0.75107	3123.8	3100.0	SET BUS 71786 [SANDY PD 345] LOAD TO 0 MW DISPATCH
3014.9 *	INTERFACE CENTRAL EAST			0.75107	3123.8	3100.0	OPEN 70509 [SB RCTOR 115] TO 70508 [SANDB115 115] CKT 2
							SET BUS 71786 [SANDY PD 345] LOAD TO 0 MW DISPATCH
3130.6	INTERFACE TOTAL EAST			1.51818	6372.5	6500.0	OPEN 70509 [SB RCTOR 115] TO 70508 [SANDB115 115] CKT 2
							REMOVE MACHINE 1 FROM BUS 72869 [SBRK G1 25.0] DISPATCH
3130.6	INTERFACE TOTAL EAST			1.51818	6372.5	6500.0	REMOVE MACHINE 1 FROM BUS 72869 [SBRK G1 25.0] DISPATCH
3151.9 *	INTERFACE TOTAL EAST			1.51818	6340.1	6500.0	REMOVE MACHINE 3 FROM BUS 73563 [MILL#3 24.0] DISPATCH
3467.0	74344 PLTVLLEY 345	78701 LEEDS 3	345 2	-0.43671	-1540.4	1724.0	OPEN 78705 [ATHENS 345] TO 74344 [PLTVLLEY 345] CKT 1
3567.0	74344 PLTVLLEY 345	78705 ATHENS	345 1	-0.42474	-1503.0	1724.0	OPEN 78701 [LEEDS 3 345] TO 74344 [PLTVLLEY 345] CKT 2
3591.7	74344 PLTVLLEY 345	78701 LEEDS 3	345 2	-0.41872	-1495.8	1724.0	OPEN 78705 [ATHENS 345] TO 74344 [PLTVLLEY 345] CKT 1
							OPEN 74344 [PLTVLLEY 345] TO 74341 [MILLWOOD 345] CKT 1
3594.9	74344 PLTVLLEY 345	78701 LEEDS 3	345 2	-0.41917	-1494.2	1724.0	OPEN 78705 [ATHENS 345] TO 74344 [PLTVLLEY 345] CKT 1
							OPEN 74344 [PLTVLLEY 345] TO 74356 [WOOD B 345] CKT 1
3698.3	74344 PLTVLLEY 345	78705 ATHENS	345 1	-0.40776	-1458.3	1724.0	OPEN 78701 [LEEDS 3 345] TO 74344 [PLTVLLEY 345] CKT 2
							OPEN 74344 [PLTVLLEY 345] TO 74356 [WOOD B 345] CKT 1
3793.2	74344 PLTVLLEY 345	78701 LEEDS 3	345 2	-0.43671	-1398.0	1724.0	OPEN 78701 [LEEDS 3 345] TO 78705 [ATHENS 345] CKT 1
3801.0	74344 PLTVLLEY 345	78705 ATHENS	345 1	-0.39686	-1424.6	1724.0	OPEN 78701 [LEEDS 3 345] TO 74344 [PLTVLLEY 345] CKT 2
							OPEN 78702 [N.SCOT77 345] TO 78701 [LEEDS 3 345] CKT 1
3829.0 *	74344 PLTVLLEY 345	78701 LEEDS 3	345 2	-0.40963	-1403.5	1724.0	OPEN 79583 [MARCY T1 345] TO 75400 [COOPC345 345] CKT 1
							OPEN 75403 [FRASR345 345] TO 75400 [COOPC345 345] CKT 1

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*** TLTG TRANSFER LIMIT OUTPUT FOR INTERFACE CENT E+FGILB ***

TOTAL TRANS CAPAB	LIMITING ELEMENT FROM	LIMITING ELEMENT TO	CKT	DISTR. FACTOR	PRE-SHIFT MW	RATING BAS/CNT A/C	CONTINGENCY DESCRIPTION
3897.9	79303 SMAHWAH2 345	5028 WALDWICK 345	1	0.05621	541.2	589.0	OPEN 74347 [RAMAPO 345] TO 74340 [LADENTWN 345] CKT 1
							OPEN 74347 [RAMAPO 345] TO 74312 [BUCH N 345] CKT 1
							OPEN 74410 [BUCHNTA5 138] TO 74312 [BUCH N 345] CKT 1
3992.6	78701 LEEDS 3 345	78703 N.SCOT99 345	2	-0.44845	-1299.8	1724.0	OPEN 78701 [LEEDS 3 345] TO 78702 [N.SCOT77 345] CKT 1
4019.5	75403 FRASR345 345	75405 OAKDL345 345	1	-0.41064	-980.5	1380.0	OPEN 78450 [EDIC 345] TO 75403 [FRASR345 345] CKT 1
							OPEN 79583 [MARCY T1 345] TO 75400 [COOPC345 345] CKT 1
4021.0	74344 PLTVLLEY 345	78705 ATHENS 345	1	-0.38982	-1344.2	1724.0	OPEN 79583 [MARCY T1 345] TO 75400 [COOPC345 345] CKT 1
							OPEN 75403 [FRASR345 345] TO 75400 [COOPC345 345] CKT 1
4040.2	75400 COOPC345 345	75403 FRASR345 345	1	-0.29546	-913.4	1207.0	BASE CASE
4058.1	*74344 PLTVLLEY 345	78705 ATHENS 345	1	-0.29194	-1035.7	1331.0	BASE CASE
4077.9	78703 N.SCOT99 345	79583 MARCY T1 345	1	-0.41989	-1359.0	1792.0	OPEN 78702 [N.SCOT77 345] TO 78450 [EDIC 345] CKT 1
							OPEN 78450 [EDIC 345] TO 78460 [PORTER 2 230] CKT 1
							OPEN 78450 [EDIC 345] TO 78485 [PORTER 1 115] CKT 1
4129.5	78703 N.SCOT99 345	79583 MARCY T1 345	1	-0.41300	-1344.8	1792.0	OPEN 78450 [EDIC 345] TO 75403 [FRASR345 345] CKT 1
							OPEN 79583 [MARCY T1 345] TO 75400 [COOPC345 345] CKT 1
4141.4	79304 N.M.TAP 345	79322 SHOEMTAP 138	1	0.10617	550.8	667.0	OPEN 74001 [ROCK TAV 345] TO 74347 [RAMAPO 345] CKT 1
							OPEN 74001 [ROCK TAV 345] TO 74046 [ROCK TV1 115] CKT 1
							OPEN 74046 [ROCK TV1 115] TO 74018 [SUGARLF 115] CKT 1
4163.9	79586 ADRON B2 230	79590 MOSES W 230	1	-0.04036	-394.9	440.0	OPEN 79578 [MASS 765 765] TO 79577 [MARCY765 765] CKT 1
4164.0	79585 ADRON B1 230	79590 MOSES W 230	1	-0.04036	-394.9	440.0	OPEN 79578 [MASS 765 765] TO 79577 [MARCY765 765] CKT 1
4217.2	75400 COOPC345 345	75403 FRASR345 345	1	-0.39578	-1239.7	1703.0	OPEN 78460 [PORTER 2 230] TO 78980 [ROTRDM.2 230] CKT 1
							OPEN 79583 [MARCY T1 345] TO 75400 [COOPC345 345] CKT 1
4247.6	78703 N.SCOT99 345	79583 MARCY T1 345	1	-0.41113	-1298.2	1792.0	OPEN 78450 [EDIC 345] TO 78702 [N.SCOT77 345] CKT 1
4258.8	75403 FRASR345 345	79581 GILB 345 345	1	0.43881	992.1	1524.0	OPEN 79583 [MARCY T1 345] TO 75400 [COOPC345 345] CKT 1
							OPEN 75403 [FRASR345 345] TO 75400 [COOPC345 345] CKT 1
4261.6	75400 COOPC345 345	75403 FRASR345 345	1	-0.39219	-1226.5	1703.0	OPEN 79583 [MARCY T1 345] TO 75400 [COOPC345 345] CKT 1
4263.7	75400 COOPC345 345	75403 FRASR345 345	1	-0.39210	-1225.8	1703.0	OPEN 79590 [MOSES W 230] TO 79585 [ADRON B1 230] CKT 1
							OPEN 79583 [MARCY T1 345] TO 75400 [COOPC345 345] CKT 1
4264.3	75400 COOPC345 345	79583 MARCY T1 345	1	-0.30563	-972.8	1345.0	OPEN 75403 [FRASR345 345] TO 75400 [COOPC345 345] CKT 1
							OPEN 75405 [OAKDL345 345] TO 75403 [FRASR345 345] CKT 1
4270.2	*75400 COOPC345 345	75403 FRASR345 345	1	-0.39196	-1223.4	1703.0	OPEN 79577 [MARCY765 765] TO 79583 [MARCY T1 345] CKT 1
							OPEN 79583 [MARCY T1 345] TO 75400 [COOPC345 345] CKT 1
4281.9	75403 FRASR345 345	79581 GILB 345 345	1	0.44365	976.0	1524.0	OPEN 75400 [COOPC345 345] TO 74001 [ROCK TAV 345] CKT 2
							OPEN 75400 [COOPC345 345] TO 79304 [N.M.TAP 345] CKT 1
							OPEN 79304 [N.M.TAP 345] TO 74001 [ROCK TAV 345] CKT 1
4295.1	75400 COOPC345 345	79583 MARCY T1 345	1	-0.30248	-967.4	1345.0	OPEN 75403 [FRASR345 345] TO 75400 [COOPC345 345] CKT 1
4297.3	75400 COOPC345 345	79583 MARCY T1 345	1	-0.30246	-966.7	1345.0	OPEN 75403 [FRASR345 345] TO 75400 [COOPC345 345] CKT 1
							OPEN 75400 [COOPC345 345] TO 75440 [COOPC115 115] CKT 1
4313.9	75400 COOPC345 345	79304 N.M.TAP 345	1	0.42070	1259.9	1793.0	OPEN 74001 [ROCK TAV 345] TO 75400 [COOPC345 345] CKT 2
							OPEN 75400 [COOPC345 345] TO 75440 [COOPC115 115] CKT 1
4320.4	78701 LEEDS 3 345	78705 ATHENS 345	1	0.42473	1183.0	1724.0	OPEN 78701 [LEEDS 3 345] TO 74344 [PLTVLLEY 345] CKT 2
4321.8	75400 COOPC345 345	79304 N.M.TAP 345	1	0.42038	1256.9	1793.0	OPEN 75400 [COOPC345 345] TO 74001 [ROCK TAV 345] CKT 2
4326.2	78703 N.SCOT99 345	79583 MARCY T1 345	1	-0.40407	-1275.0	1792.0	OPEN 79580 [JA FITZP 345] TO 78450 [EDIC 345] CKT 1
							OPEN 78702 [N.SCOT77 345] TO 78450 [EDIC 345] CKT 1
4353.3	78450 EDIC 345	78702 N.SCOT77 345	1	0.39064	1213.5	1724.0	OPEN 79590 [MOSES W 230] TO 79586 [ADRON B2 230] CKT 1
							OPEN 79583 [MARCY T1 345] TO 78703 [N.SCOT99 345] CKT 1
4354.9	78450 EDIC 345	78702 N.SCOT77 345	1	0.39057	1213.0	1724.0	OPEN 78703 [N.SCOT99 345] TO 79583 [MARCY T1 345] CKT 1

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*** TLTG TRANSFER LIMIT OUTPUT FOR INTERFACE CE GROUP ***

<- INTERFACE 'CE GROUP ' DEFINITION -> FROM	TO	CKT	DISTR. FACTOR	PRE-SHIFT MW
75512 W.WDB115 115	76210 W.WDBR6969.0	1	0.00483	20.4
75403 FRASR345 345	79581 GILB 345 345	1	0.16397	399.5
75400 COOPC345 345	74001 ROCK TAV 345	2	0.16248	709.2
75400 COOPC345 345	79304 N.M.TAP 345	1	0.17401	807.9
75447 E.SPR115 115	79136 INGHAM-E 115	1	0.00861	14.5
78450 EDIC 345	78702 N.SCOT77 345	1	0.18975	886.8
78460 PORTER 2 230	78980 ROTRDM.2 230	1	0.04514	256.0
78460 PORTER 2 230	78980 ROTRDM.2 230	2	0.04638	262.8
78478 INGMS-CD 115	79136 INGHAM-E 115	1	0.00000	119.9
79583 MARCY T1 345	78703 N.SCOT99 345	1	0.20484	990.0
TOTALS FOR INTERFACE CE GROUP			1.00000	4466.9

TOTAL TRANS CAPAB	<---------- LIMITING ELEMENT ----------> FROM	TO	CKT	DISTR. FACTOR	PRE-SHIFT MW	RATING BAS/CNT A/C	<---------- CONTINGENCY DESCRIPTION ---------->
2889.4	79303 SMAHWAH2 345	5028 WALDWICK 345	1	0.02820	633.5	589.0	OPEN 74340 [LADENTWN 345] TO 74313 [BUCH S 345] CKT 1
							OPEN 74347 [RAMAPO 345] TO 74312 [BUCH N 345] CKT 1
							OPEN 74410 [BUCHNTA5 138] TO 74312 [BUCH N 345] CKT 1
3849.1	INTERFACE CENTRAL EAST			0.65730	3506.0	3100.0	OPEN 78450 [EDIC 345] TO 75403 [FRASR345 345] CKT 1
							OPEN 79583 [MARCY T1 345] TO 75400 [COOPC345 345] CKT 1
4153.2	INTERFACE CENTRAL EAST			0.62927	3297.4	3100.0	OPEN 79583 [MARCY T1 345] TO 75400 [COOPC345 345] CKT 1
							OPEN 75403 [FRASR345 345] TO 75400 [COOPC345 345] CKT 1
4370.8	INTERFACE CENTRAL EAST			0.60883	3158.5	3100.0	OPEN 75400 [COOPC345 345] TO 74001 [ROCK TAV 345] CKT 2
							OPEN 75400 [COOPC345 345] TO 79304 [N.M.TAP 345] CKT 1
							OPEN 79304 [N.M.TAP 345] TO 74001 [ROCK TAV 345] CKT 1
4405.4	INTERFACE TOTAL EAST			1.00000	6561.5	6500.0	SET BUS 71786 [SANDY PD 345] LOAD TO 0 MW DISPATCH
4405.4	INTERFACE TOTAL EAST			1.00000	6561.5	6500.0	OPEN 70509 [SB RCTOR 115] TO 70508 [SANDB115 115] CKT 2
							SET BUS 71786 [SANDY PD 345] LOAD TO 0 MW DISPATCH
4418.8	INTERFACE CENTRAL EAST			0.49471	3123.8	3100.0	SET BUS 71786 [SANDY PD 345] LOAD TO 0 MW DISPATCH
4418.8 *	INTERFACE CENTRAL EAST			0.49471	3123.8	3100.0	OPEN 70509 [SB RCTOR 115] TO 70508 [SANDB115 115] CKT 2
							SET BUS 71786 [SANDY PD 345] LOAD TO 0 MW DISPATCH
4594.4	INTERFACE TOTAL EAST			1.00000	6372.5	6500.0	OPEN 70509 [SB RCTOR 115] TO 70508 [SANDB115 115] CKT 2
							REMOVE MACHINE 1 FROM BUS 72869 [SBRK G1 25.0] DISPATCH
4594.4	INTERFACE TOTAL EAST			1.00000	6372.5	6500.0	REMOVE MACHINE 1 FROM BUS 72869 [SBRK G1 25.0] DISPATCH
4626.8 *	INTERFACE TOTAL EAST			1.00000	6340.1	6500.0	REMOVE MACHINE 3 FROM BUS 73563 [MILL#3 24.0] DISPATCH
5105.1	74344 PLTVLLEY 345	78701 LEEDS 3	345 2	-0.28765	-1540.4	1724.0	OPEN 78705 [ATHENS 345] TO 74344 [PLTVLLEY 345] CKT 1
5256.9	74344 PLTVLLEY 345	78705 ATHENS	345 1	-0.27976	-1503.0	1724.0	OPEN 78701 [LEEDS 3 345] TO 74344 [PLTVLLEY 345] CKT 2
5294.4	74344 PLTVLLEY 345	78701 LEEDS 3	345 2	-0.27581	-1495.8	1724.0	OPEN 78705 [ATHENS 345] TO 74344 [PLTVLLEY 345] CKT 1
							OPEN 74344 [PLTVLLEY 345] TO 74341 [MILLWOOD 345] CKT 1
5299.3	74344 PLTVLLEY 345	78701 LEEDS 3	345 2	-0.27610	-1494.2	1724.0	OPEN 78705 [ATHENS 345] TO 74344 [PLTVLLEY 345] CKT 1
							OPEN 74344 [PLTVLLEY 345] TO 74356 [WOOD B 345] CKT 1
5456.3	74344 PLTVLLEY 345	78705 ATHENS	345 1	-0.26858	-1458.3	1724.0	OPEN 78701 [LEEDS 3 345] TO 74344 [PLTVLLEY 345] CKT 2
							OPEN 74344 [PLTVLLEY 345] TO 74356 [WOOD B 345] CKT 1
5600.3	74344 PLTVLLEY 345	78701 LEEDS 3	345 2	-0.28765	-1398.0	1724.0	OPEN 78701 [LEEDS 3 345] TO 78705 [ATHENS 345] CKT 1
5612.2	74344 PLTVLLEY 345	78705 ATHENS	345 1	-0.26141	-1424.6	1724.0	OPEN 78701 [LEEDS 3 345] TO 74344 [PLTVLLEY 345] CKT 2
							OPEN 78702 [N.SCOT77 345] TO 78701 [LEEDS 3 345] CKT 1
5654.6 *74344	PLTVLLEY 345	78701 LEEDS 3	345 2	-0.26982	-1403.5	1724.0	OPEN 79583 [MARCY T1 345] TO 75400 [COOPC345 345] CKT 1
							OPEN 75403 [FRASR345 345] TO 75400 [COOPC345 345] CKT 1

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*** TLTG TRANSFER LIMIT OUTPUT FOR INTERFACE CE GROUP ***

TOTAL TRANS CAPAB	LIMITING ELEMENT FROM	LIMITING ELEMENT TO	CKT	DISTR. FACTOR	PRE-SHIFT MW	RATING BAS/CNT A/C	CONTINGENCY DESCRIPTION
5759.3	79303 SMAHWAH2 345	5028 WALDWICK 345	1	0.03702	541.2	589.0	OPEN 74347 [RAMAPO 345] TO 74340 [LADENTWN 345] CKT 1
							OPEN 74347 [RAMAPO 345] TO 74312 [BUCH N 345] CKT 1
							OPEN 74410 [BUCHNTA5 138] TO 74312 [BUCH N 345] CKT 1
5903.1	78701 LEEDS 3 345	78703 N.SCOT99 345	2	-0.29538	-1299.8	1724.0	OPEN 78701 [LEEDS 3 345] TO 78702 [N.SCOT77 345] CKT 1
5943.8	75403 FRASR345 345	75405 OAKDL345 345	1	-0.27048	-980.5	1380.0	OPEN 78450 [EDIC 345] TO 75403 [FRASR345 345] CKT 1
							OPEN 79583 [MARCY T1 345] TO 75400 [COOPC345 345] CKT 1
5946.2	74344 PLTVLLEY 345	78705 ATHENS 345	1	-0.25677	-1344.2	1724.0	OPEN 79583 [MARCY T1 345] TO 75400 [COOPC345 345] CKT 1
							OPEN 75403 [FRASR345 345] TO 75400 [COOPC345 345] CKT 1
5975.3	75400 COOPC345 345	75403 FRASR345 345	1	-0.19461	-913.4	1207.0	BASE CASE
6002.5	*74344 PLTVLLEY 345	78705 ATHENS 345	1	-0.19229	-1035.7	1331.0	BASE CASE
6032.6	78703 N.SCOT99 345	79583 MARCY T1 345	1	-0.27658	-1359.0	1792.0	OPEN 78702 [N.SCOT77 345] TO 78450 [EDIC 345] CKT 1
							OPEN 78450 [EDIC 345] TO 78460 [PORTER 2 230] CKT 1
							OPEN 78450 [EDIC 345] TO 78485 [PORTER 1 115] CKT 1
6110.9	78703 N.SCOT99 345	79583 MARCY T1 345	1	-0.27203	-1344.8	1792.0	OPEN 78450 [EDIC 345] TO 75403 [FRASR345 345] CKT 1
							OPEN 79583 [MARCY T1 345] TO 75400 [COOPC345 345] CKT 1
6129.0	79304 N.M.TAP 345	79322 SHOEMTAP 138	1	0.06993	550.8	667.0	OPEN 74001 [ROCK TAV 345] TO 74347 [RAMAPO 345] CKT 1
							OPEN 74001 [ROCK TAV 345] TO 74046 [ROCK TV1 115] CKT 1
							OPEN 74046 [ROCK TV1 115] TO 74018 [SUGARLF 115] CKT 1
6163.2	79586 ADRON B2 230	79590 MOSES W 230	1	-0.02658	-394.9	440.0	OPEN 79578 [MASS 765 765] TO 79577 [MARCY765 765] CKT 1
6163.2	79585 ADRON B1 230	79590 MOSES W 230	1	-0.02658	-394.9	440.0	OPEN 79578 [MASS 765 765] TO 79577 [MARCY765 765] CKT 1
6244.1	75400 COOPC345 345	75403 FRASR345 345	1	-0.26069	-1239.7	1703.0	OPEN 78460 [PORTER 2 230] TO 78980 [ROTRDM.2 230] CKT 1
							OPEN 79583 [MARCY T1 345] TO 75400 [COOPC345 345] CKT 1
6290.3	78703 N.SCOT99 345	79583 MARCY T1 345	1	-0.27080	-1298.2	1792.0	OPEN 78450 [EDIC 345] TO 78702 [N.SCOT77 345] CKT 1
6307.3	75403 FRASR345 345	79581 GILB 345 345	1	0.28904	992.1	1524.0	OPEN 79583 [MARCY T1 345] TO 75400 [COOPC345 345] CKT 1
							OPEN 75403 [FRASR345 345] TO 75400 [COOPC345 345] CKT 1
6311.5	75400 COOPC345 345	75403 FRASR345 345	1	-0.25833	-1226.5	1703.0	OPEN 79583 [MARCY T1 345] TO 75400 [COOPC345 345] CKT 1
6314.6	75400 COOPC345 345	75403 FRASR345 345	1	-0.25827	-1225.8	1703.0	OPEN 79590 [MOSES W 230] TO 79585 [ADRON B1 230] CKT 1
							OPEN 79583 [MARCY T1 345] TO 75400 [COOPC345 345] CKT 1
6315.6	75400 COOPC345 345	79583 MARCY T1 345	1	-0.20131	-972.8	1345.0	OPEN 75403 [FRASR345 345] TO 75400 [COOPC345 345] CKT 1
							OPEN 75405 [OAKDL345 345] TO 75403 [FRASR345 345] CKT 1
6324.5	*75400 COOPC345 345	75403 FRASR345 345	1	-0.25817	-1223.4	1703.0	OPEN 79577 [MARCY765 765] TO 79583 [MARCY T1 345] CKT 1
							OPEN 79583 [MARCY T1 345] TO 75400 [COOPC345 345] CKT 1
6342.3	75403 FRASR345 345	79581 GILB 345 345	1	0.29222	976.0	1524.0	OPEN 75400 [COOPC345 345] TO 74001 [ROCK TAV 345] CKT 2
							OPEN 75400 [COOPC345 345] TO 79304 [N.M.TAP 345] CKT 1
							OPEN 79304 [N.M.TAP 345] TO 74001 [ROCK TAV 345] CKT 1
6362.3	75400 COOPC345 345	79583 MARCY T1 345	1	-0.19923	-967.4	1345.0	OPEN 75403 [FRASR345 345] TO 75400 [COOPC345 345] CKT 1
6365.6	75400 COOPC345 345	79583 MARCY T1 345	1	-0.19922	-966.7	1345.0	OPEN 75403 [FRASR345 345] TO 75400 [COOPC345 345] CKT 1
							OPEN 75400 [COOPC345 345] TO 75440 [COOPC115 115] CKT 1
6390.8	75400 COOPC345 345	79304 N.M.TAP 345	1	0.27711	1259.9	1793.0	OPEN 74001 [ROCK TAV 345] TO 75400 [COOPC345 345] CKT 2
							OPEN 75400 [COOPC345 345] TO 75440 [COOPC115 115] CKT 1
6400.7	78701 LEEDS 3 345	78705 ATHENS 345	1	0.27976	1183.0	1724.0	OPEN 78701 [LEEDS 3 345] TO 74344 [PLTVLLEY 345] CKT 2
6402.9	75400 COOPC345 345	79304 N.M.TAP 345	1	0.27690	1256.9	1793.0	OPEN 75400 [COOPC345 345] TO 74001 [ROCK TAV 345] CKT 2
6409.5	78703 N.SCOT99 345	79583 MARCY T1 345	1	-0.26615	-1275.0	1792.0	OPEN 79580 [JA FITZP 345] TO 78450 [EDIC 345] CKT 1
							OPEN 78702 [N.SCOT77 345] TO 78450 [EDIC 345] CKT 1
6450.7	78450 EDIC 345	78702 N.SCOT77 345	1	0.25731	1213.5	1724.0	OPEN 79590 [MOSES W 230] TO 79586 [ADRON B2 230] CKT 1
							OPEN 79583 [MARCY T1 345] TO 78703 [N.SCOT99 345] CKT 1
6453.2	78450 EDIC 345	78702 N.SCOT77 345	1	0.25726	1213.0	1724.0	OPEN 78703 [N.SCOT99 345] TO 79583 [MARCY T1 345] CKT 1

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*** TLTG EXPORT LIMIT OUTPUT FOR BASE CASE ***

DISTRIBUTION FACTOR FILE: C:\NYISO\CRPP4\uc.dfx
SUBSYSTEM DESCRIPTION FILE: C:\NYISO\CRPP\sysuc.sub
MONITORED ELEMENT FILE: C:\NYISO\CRPP\monuc.mon
CONTINGENCY DESCRIPTION FILE: C:\NYISO\CRPP\contuc.con

	PRE-SHIFT	DELTA	POST-SHIFT
STUDY SYSTEM MW GENERATION:	717.4	1000.0	1717.4
OPPOSING SYSTEM MW GENERATION:	2731.9	-1000.0	1731.9
STUDY SYSTEM NET INTERCHANGE:	700.1	1000.0	1700.1

STUDY SYSTEM				OPPOSING SYSTEM				
		GENERATOR MW				GENERATOR MW		
BUS	BUS NAME	BASE	SHIFT	CHANGE	BUS	BUS NAME	BASE	SHIFT	CHANGE
80900	LAKEVWG518.0	211.9	545.2	333.3	74302	ER G7	13.2	166.0	96.0	-70.0
81422	LENNOXG220.0	505.5	1172.2	666.7	74702	RAV 3	22.0	972.0	672.0	-300.0
					74705	AST 4	20.0	467.9	267.9	-200.0
					74706	AST 5	20.0	361.0	261.0	-100.0
					74707	RAV 1	20.0	385.0	235.0	-150.0
					74907	NRTPTG2	22.0	380.0	200.0	-180.0

LOADINGS AT OR ABOVE 100.0 % OF RATING ARE MARKED WITH '*'

FROM		TO		CKT	TOTAL TRANS CAPAB	BASE CASE RATING A	PRE-SHIFT MW	POST-SHIFT MW	LIMIT CASE MW	DISTR. FACTOR
74403	ASTORIAW 138	74496	HG 5 138	1	1256.9	177	91.8	244.8*	177.0*	0.15297
74403	ASTORIAW 138	74497	HG 6 138	1	1314.8	177	87.9	232.9*	168.6	0.14500
74435	E179 ST 138	74497	HG 6 138	1	1765.5	222	97.9	-202.4	-69.3	-0.30026
74344	PLTVLLEY 345	78701	LEEDS 3 345	2	1943.4	1331	-1079.	-1282.	-1192.	-0.20235
74650	REAC71 345	74691	S. BRONX 345	3	2114.7	715	416.9	627.6	534.3	0.21071
74651	REAC72 345	74691	S. BRONX 345	4	2114.7	715	416.9	627.6	534.3	0.21071
74316	DUNWODIE 345	74651	REAC72 345	SR	2114.7	715	416.9	627.6	534.3	0.21071
74316	DUNWODIE 345	74650	REAC71 345	SR	2114.7	715	416.9	627.6	534.3	0.21071
74344	PLTVLLEY 345	78705	ATHENS 345	1	2233.5	1331	-1036.	-1228.	-1143.	-0.19257
74348	SPRBROOK 345	74568	REACM52 345	SR	2373.4	774	440.1	639.6	551.2	0.19955
74348	SPRBROOK 345	74567	REACM51 345	SR	2373.4	774	440.1	639.6	551.2	0.19955
74354	W 49 ST 345	74568	REACM52 345	2	2380.8	774	-438.6	-638.2	-549.7	-0.19955
74354	W 49 ST 345	74567	REACM51 345	1	2380.8	774	-438.6	-638.2	-549.7	-0.19955
74345	RAINEY 345	74612	8W DUM 138	8	2398.4	240	-139.9	83.8	-15.3	0.22368
74316	DUNWODIE 345	75000	SHORE RD 345	1	2482.0	687	368.0	547.0	467.7	0.17903
74002	ROSETON 345	74331	FISHKILL 345	1	2664.4	1935	1541.6	1741.9	1653.1	0.20026
74345	RAINEY 345	74691	S. BRONX 345	4	2799.5	715	-272.6	-483.4	-390.0	-0.21071
74345	RAINEY 345	74691	S. BRONX 345	3	2799.5	715	-272.6	-483.4	-390.0	-0.21071
74345	RAINEY 345	74611	8E DUM 138	8	2808.0	271	-206.7	19.9	-80.5	0.22661
74384	ASTE-ERG 138	74495	HG 4 138	1	2902.4	161	169.5*	19.4	85.9	-0.15006
74402	ASTE-WRG 138	74492	HG 1 138	1	2925.6	161	172.7*	22.7	89.2	-0.14993
74435	E179 ST 138	74495	HG 4 138	1	3146.3	161	-205.9*	-55.9	-122.4	0.14999
74435	E179 ST 138	74492	HG 1 138	1	3146.3	161	-205.9*	-55.9	-122.4	0.14999

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*** TLTG TRANSFER LIMIT OUTPUT FOR INTERFACE F TO G ***

<- INTERFACE 'F TO G ' DEFINITION ->

<----- FROM ----->	<------ TO ------>	CKT	DISTR. FACTOR	PRE-SHIFT MW
78742 BLUES-8 115	74043 PL.VAL 1 115	1	0.02169	59.0
78739 BL STR E 115	74043 PL.VAL 1 115	1	0.02538	49.5
78730 ADM 115	74043 PL.VAL 1 115	1	0.02251	48.9
78757 BOC 2T 115	74040 N.CAT. 1 115	2	0.02004	94.9
78701 LEEDS 3 345	74000 HURLEY 3 345	1	0.22582	708.8
78705 ATHENS 345	74344 PLTVLLEY 345	1	0.33380	1035.7
78701 LEEDS 3 345	74344 PLTVLLEY 345	2	0.35076	1079.4
TOTALS FOR INTERFACE F TO G			1.00000	3076.3

TOTAL TRANS CAPAB	<---------- LIMITING ELEMENT ----------> <----- FROM ----->	<------ TO ------>	CKT	DISTR. FACTOR	PRE-SHIFT MW	RATING BAS/CNT A/C	<---------- CONTINGENCY DESCRIPTION ---------->
963.8	79319 RAMP138 138	79361 TALLMAN 138	1	0.04120	391.4	304.4	OPEN 74347 [RAMAPO 345] TO 74340 [LADENTWN 345] CKT 1
							OPEN 74340 [LADENTWN 345] TO 79300 [WHAV345 345] CKT 1
							OPEN 79300 [WHAV345 345] TO 74310 [BOWLINE1 345] CKT 10
							OPEN 79300 [WHAV345 345] TO 79325 [WHAV138 138] CKT 1
							OPEN 79391 [BOW1 20.0] TO 74310 [BOWLINE1 345] CKT 1
							REDUCE BUS 79391 [BOW1 20.0] GENERATION BY 100 PERCENT DISPATCH
2135.6	74018 SUGARLF 115	74046 ROCK TV1 115	1	-0.03612	-252.0	218.0	OPEN 79304 [N.M.TAP 345] TO 79322 [SHOEMTAP 138] CKT 1
2135.6	74018 SUGARLF 115	74046 ROCK TV1 115	1	-0.03612	-252.0	218.0	OPEN 79321 [SHOEM138 138] TO 79322 [SHOEMTAP 138] CKT 1
2151.8	74018 SUGARLF 115	79359 SGRLF69 69.0	1	0.03612	251.4	218.0	OPEN 79304 [N.M.TAP 345] TO 79322 [SHOEMTAP 138] CKT 1
2151.8	74018 SUGARLF 115	79359 SGRLF69 69.0	1	0.03612	251.4	218.0	OPEN 79321 [SHOEM138 138] TO 79322 [SHOEMTAP 138] CKT 1
2420.3	79313 MONSEY 138	79361 TALLMAN 138	1	-0.04119	-331.4	304.4	OPEN 74347 [RAMAPO 345] TO 74340 [LADENTWN 345] CKT 1
							OPEN 74340 [LADENTWN 345] TO 79300 [WHAV345 345] CKT 1
							OPEN 79300 [WHAV345 345] TO 74310 [BOWLINE1 345] CKT 10
							OPEN 79300 [WHAV345 345] TO 79325 [WHAV138 138] CKT 1
							OPEN 79391 [BOW1 20.0] TO 74310 [BOWLINE1 345] CKT 1
							REDUCE BUS 79391 [BOW1 20.0] GENERATION BY 100 PERCENT DISPATCH
2435.8	74018 SUGARLF 115	74046 ROCK TV1 115	1	-0.03683	-241.6	218.0	OPEN 79304 [N.M.TAP 345] TO 75400 [COOPC345 345] CKT 1
							OPEN 74001 [ROCK TAV 345] TO 79304 [N.M.TAP 345] CKT 1
							OPEN 74002 [ROSETON 345] TO 74001 [ROCK TAV 345] CKT 1
2451.8	74018 SUGARLF 115	79359 SGRLF69 69.0	1	0.03682	241.0	218.0	OPEN 79304 [N.M.TAP 345] TO 75400 [COOPC345 345] CKT 1
							OPEN 74001 [ROCK TAV 345] TO 79304 [N.M.TAP 345] CKT 1
							OPEN 74002 [ROSETON 345] TO 74001 [ROCK TAV 345] CKT 1
2464.4	79303 SMAHWAH2 345	5028 WALDWICK 345	1	0.07271	633.5	589.0	OPEN 74340 [LADENTWN 345] TO 74313 [BUCH S 345] CKT 1
							OPEN 74347 [RAMAPO 345] TO 74312 [BUCH N 345] CKT 1
							OPEN 74410 [BUCHNTA5 138] TO 74312 [BUCH N 345] CKT 1
3136.7	74018 SUGARLF 115	74046 ROCK TV1 115	1	-0.04027	-215.6	218.0	OPEN 74001 [ROCK TAV 345] TO 74347 [RAMAPO 345] CKT 1
							OPEN 74347 [RAMAPO 345] TO 74312 [BUCH N 345] CKT 1
							OPEN 74410 [BUCHNTA5 138] TO 74312 [BUCH N 345] CKT 1
3151.3	74018 SUGARLF 115	79359 SGRLF69 69.0	1	0.04027	215.0	218.0	OPEN 74001 [ROCK TAV 345] TO 74347 [RAMAPO 345] CKT 1
							OPEN 74347 [RAMAPO 345] TO 74312 [BUCH N 345] CKT 1
							OPEN 74410 [BUCHNTA5 138] TO 74312 [BUCH N 345] CKT 1
3253.3	*74018 SUGARLF 115	74046 ROCK TV1 115	1	-0.04410	-210.2	218.0	OPEN 74001 [ROCK TAV 345] TO 74347 [RAMAPO 345] CKT 1

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*** TLTG TRANSFER LIMIT OUTPUT FOR INTERFACE F TO G ***

TOTAL TRANS CAPAB	LIMITING ELEMENT FROM	LIMITING ELEMENT TO	CKT	DISTR. FACTOR	PRE-SHIFT MW	RATING BAS/CNT A/C	CONTINGENCY DESCRIPTION
3255.4	79311 BURNS138 138	79313 MONSEY 138 1		-0.04119	-297.0	304.4	OPEN 74347 [RAMAPO 345] TO 74340 [LADENTWN 345] CKT 1
							OPEN 74340 [LADENTWN 345] TO 79300 [WHAV345 345] CKT 1
							OPEN 79300 [WHAV345 345] TO 74310 [BOWLINE1 345] CKT 10
							OPEN 79300 [WHAV345 345] TO 79325 [WHAV138 138] CKT 1
							OPEN 79391 [BOW1 20.0] TO 74310 [BOWLINE1 345] CKT 1
							REDUCE BUS 79391 [BOW1 20.0] GENERATION BY 100 PERCENT DISPATCH
3266.5	*74018 SUGARLF 115	79359 SGRLF69 69.0 1		0.04410	209.6	218.0	OPEN 74001 [ROCK TAV 345] TO 74347 [RAMAPO 345] CKT 1
3397.5	74403 ASTORIAW 138	74496 HG 5 138 1		0.26516	91.8	177.0	BASE CASE
3430.9	74403 ASTORIAW 138	74497 HG 6 138 1		0.25135	87.9	177.0	BASE CASE
3443.9	74344 PLTVLLEY 345	78701 LEEDS 3 345 2		-0.49934	-1540.4	1724.0	OPEN 74344 [PLTVLLEY 345] TO 78705 [ATHENS 345] CKT 1
3501.7	79308 CHESTER 138	79321 SHOEM138 138 1		-0.09245	-265.1	304.4	OPEN 74001 [ROCK TAV 345] TO 74347 [RAMAPO 345] CKT 1
							OPEN 74001 [ROCK TAV 345] TO 74046 [ROCK TV1 115] CKT 1
							OPEN 74046 [ROCK TV1 115] TO 74018 [SUGARLF 115] CKT 1
3531.4	74344 PLTVLLEY 345	78705 ATHENS 345 1		-0.48564	-1503.0	1724.0	OPEN 74344 [PLTVLLEY 345] TO 78701 [LEEDS 3 345] CKT 2
3552.9	74344 PLTVLLEY 345	78701 LEEDS 3 345 2		-0.47888	-1495.8	1724.0	OPEN 78705 [ATHENS 345] TO 74344 [PLTVLLEY 345] CKT 1
							OPEN 74344 [PLTVLLEY 345] TO 74341 [MILLWOOD 345] CKT 1
3555.7	74344 PLTVLLEY 345	78701 LEEDS 3 345 2		-0.47938	-1494.2	1724.0	OPEN 78705 [ATHENS 345] TO 74344 [PLTVLLEY 345] CKT 1
							OPEN 74344 [PLTVLLEY 345] TO 74356 [WOOD B 345] CKT 1
3646.1	74344 PLTVLLEY 345	78705 ATHENS 345 1		-0.46633	-1458.3	1724.0	OPEN 78701 [LEEDS 3 345] TO 74344 [PLTVLLEY 345] CKT 2
							OPEN 74344 [PLTVLLEY 345] TO 74356 [WOOD B 345] CKT 1
3671.1	74403 ASTORIAW 138	74496 HG 5 138 1		0.50918	177.1	480.0	OPEN 74403 [ASTORIAW 138] TO 74497 [HG 6 138] CKT 1
3672.6	74403 ASTORIAW 138	74497 HG 6 138 1		0.50836	176.9	480.0	OPEN 74403 [ASTORIAW 138] TO 74496 [HG 5 138] CKT 1
3690.9	74435 E179 ST 138	74497 HG 6 138 1		-0.52048	97.9	222.0	BASE CASE
3729.2	74344 PLTVLLEY 345	78701 LEEDS 3 345 2		-0.49934	-1398.0	1724.0	OPEN 78701 [LEEDS 3 345] TO 78705 [ATHENS 345] CKT 1
3734.5	74344 PLTVLLEY 345	78705 ATHENS 345 1		-0.45485	-1424.6	1724.0	OPEN 78701 [LEEDS 3 345] TO 74344 [PLTVLLEY 345] CKT 2
							OPEN 78702 [N.SCOT77 345] TO 78701 [LEEDS 3 345] CKT 1
3758.7	*74344 PLTVLLEY 345	78701 LEEDS 3 345 2		-0.46959	-1403.5	1724.0	OPEN 79583 [MARCY T1 345] TO 75400 [COOPC345 345] CKT 1
							OPEN 75403 [FRASR345 345] TO 75400 [COOPC345 345] CKT 1
3836.8	74345 RAINEY 345	74691 S. BRONX 345 3		-0.71733	-535.5	1081.0	OPEN 74345 [RAINEY 345] TO 74691 [S. BRONX 345] CKT 4
3836.8	74345 RAINEY 345	74691 S. BRONX 345 4		-0.71733	-535.5	1081.0	OPEN 74345 [RAINEY 345] TO 74691 [S. BRONX 345] CKT 3
3848.3	79303 SMAHWAH2 345	5028 WALDWICK 345 1		0.06198	541.2	589.0	OPEN 74347 [RAMAPO 345] TO 74340 [LADENTWN 345] CKT 1
							OPEN 74347 [RAMAPO 345] TO 74312 [BUCH N 345] CKT 1
							OPEN 74410 [BUCHNTA5 138] TO 74312 [BUCH N 345] CKT 1
3885.1	79308 CHESTER 138	79323 SGRLF138 138 1		0.09244	229.6	304.4	OPEN 74001 [ROCK TAV 345] TO 74347 [RAMAPO 345] CKT 1
							OPEN 74001 [ROCK TAV 345] TO 74046 [ROCK TV1 115] CKT 1
							OPEN 74046 [ROCK TV1 115] TO 74018 [SUGARLF 115] CKT 1
3886.2	79308 CHESTER 138	79321 SHOEM138 138 1		-0.08561	-235.1	304.4	OPEN 74001 [ROCK TAV 345] TO 74347 [RAMAPO 345] CKT 1
							OPEN 74001 [ROCK TAV 345] TO 74046 [ROCK TV1 115] CKT 1
3892.3	74651 REAC72 345	74691 S. BRONX 345 4		0.36525	416.9	715.0	BASE CASE
3892.3	74650 REAC71 345	74691 S. BRONX 345 3		0.36525	416.9	715.0	BASE CASE
3892.3	74316 DUNWODIE 345	74650 REAC71 345 SR		0.36525	416.9	715.0	BASE CASE
3892.3	74316 DUNWODIE 345	74651 REAC72 345 SR		0.36525	416.9	715.0	BASE CASE
3926.3	74344 PLTVLLEY 345	78705 ATHENS 345 1		-0.44687	-1344.2	1724.0	OPEN 79583 [MARCY T1 345] TO 75400 [COOPC345 345] CKT 1
							OPEN 75403 [FRASR345 345] TO 75400 [COOPC345 345] CKT 1
3933.9	74403 ASTORIAW 138	74497 HG 6 138 1		0.51029	42.4	480.0	OPEN 74496 [HG 5 138] TO 74497 [HG 6 138] CKT 1
3960.9	*74344 PLTVLLEY 345	78705 ATHENS 345 1		-0.33380	-1035.7	1331.0	BASE CASE
3989.1	79308 CHESTER 138	79321 SHOEM138 138 1		-0.08513	-226.7	304.4	OPEN 74001 [ROCK TAV 345] TO 75400 [COOPC345 345] CKT 2
							OPEN 74001 [ROCK TAV 345] TO 74347 [RAMAPO 345] CKT 1

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*** TLTG TRANSFER LIMIT OUTPUT FOR INTERFACE UPNY-S OPEN ***

<- INTERFACE 'UPNY-S OPEN ' DEFINITION ->

<----- FROM ----->	<------ TO ------>	CKT	DISTR. FACTOR	PRE-SHIFT MW
2 BRANCHBG 500	74300 RAMAPO 5 500	1	0.00000	440.3
75400 COOPC345 345	79304 N.M.TAP 345	1	0.17551	807.9
75400 COOPC345 345	74001 ROCK TAV 345	2	0.16427	709.2
75512 W.WDB115 115	76210 W.WDBR6969.0	1	0.00506	20.4
78742 BLUES-8 115	74043 PL.VAL 1 115	1	0.01253	59.0
78739 BL STR E 115	74043 PL.VAL 1 115	1	0.01466	49.5
78730 ADM 115	74043 PL.VAL 1 115	1	0.01300	48.9
78757 BOC 2T 115	74040 N.CAT. 1 115	2	0.01158	94.9
78701 LEEDS 3 345	74000 HURLEY 3 345	1	0.13044	708.8
78705 ATHENS 345	74344 PLTVLLEY 345	1	0.19282	1035.7
78701 LEEDS 3 345	74344 PLTVLLEY 345	2	0.20262	1079.4
73117 CTNY398 345	74344 PLTVLLEY 345	1	0.07751	-306.3
TOTALS FOR INTERFACE UPNY-S OPEN			1.00000	4747.8

TOTAL TRANS CAPAB	<---------- LIMITING ELEMENT ----------> <----- FROM ----->	<------ TO ------>	CKT	DISTR. FACTOR	PRE-SHIFT MW	RATING BAS/CNT A/C	<---------- CONTINGENCY DESCRIPTION ---------->
1090.8	79319 RAMP138 138	79361 TALLMAN 138	1	0.02380	391.4	304.4	OPEN 74347 [RAMAPO 345] TO 74340 [LADENTWN 345] CKT 1
							OPEN 74340 [LADENTWN 345] TO 79300 [WHAV345 345] CKT 1
							OPEN 79300 [WHAV345 345] TO 74310 [BOWLINE1 345] CKT 10
							OPEN 79300 [WHAV345 345] TO 79325 [WHAV138 138] CKT 1
							OPEN 79391 [BOW1 20.0] TO 74310 [BOWLINE1 345] CKT 1
							REDUCE BUS 79391 [BOW1 20.0] GENERATION BY 100 PERCENT DISPATCH
3119.3	74018 SUGARLF 115	74046 ROCK TV1 115	1	-0.02086	-252.0	218.0	OPEN 79304 [N.M.TAP 345] TO 79322 [SHOEMTAP 138] CKT 1
3119.3	74018 SUGARLF 115	74046 ROCK TV1 115	1	-0.02086	-252.0	218.0	OPEN 79321 [SHOEM138 138] TO 79322 [SHOEMTAP 138] CKT 1
3147.3	74018 SUGARLF 115	79359 SGRLF69 69.0	1	0.02086	251.4	218.0	OPEN 79304 [N.M.TAP 345] TO 79322 [SHOEMTAP 138] CKT 1
3147.4	74018 SUGARLF 115	79359 SGRLF69 69.0	1	0.02086	251.4	218.0	OPEN 79321 [SHOEM138 138] TO 79322 [SHOEMTAP 138] CKT 1
3612.2	79313 MONSEY 138	79361 TALLMAN 138	1	-0.02379	-331.4	304.4	OPEN 74347 [RAMAPO 345] TO 74340 [LADENTWN 345] CKT 1
							OPEN 74340 [LADENTWN 345] TO 79300 [WHAV345 345] CKT 1
							OPEN 79300 [WHAV345 345] TO 74310 [BOWLINE1 345] CKT 10
							OPEN 79300 [WHAV345 345] TO 79325 [WHAV138 138] CKT 1
							OPEN 79391 [BOW1 20.0] TO 74310 [BOWLINE1 345] CKT 1
							REDUCE BUS 79391 [BOW1 20.0] GENERATION BY 100 PERCENT DISPATCH
3639.1	74018 SUGARLF 115	74046 ROCK TV1 115	1	-0.02127	-241.6	218.0	OPEN 79304 [N.M.TAP 345] TO 75400 [COOPC345 345] CKT 1
							OPEN 74001 [ROCK TAV 345] TO 79304 [N.M.TAP 345] CKT 1
							OPEN 74002 [ROSETON 345] TO 74001 [ROCK TAV 345] CKT 1
3666.7	74018 SUGARLF 115	79359 SGRLF69 69.0	1	0.02127	241.0	218.0	OPEN 79304 [N.M.TAP 345] TO 75400 [COOPC345 345] CKT 1
							OPEN 74001 [ROCK TAV 345] TO 79304 [N.M.TAP 345] CKT 1
							OPEN 74002 [ROSETON 345] TO 74001 [ROCK TAV 345] CKT 1
3688.6	79303 SMAHWAH2 345	5028 WALDWICK 345	1	0.04200	633.5	589.0	OPEN 74340 [LADENTWN 345] TO 74313 [BUCH S 345] CKT 1
							OPEN 74347 [RAMAPO 345] TO 74312 [BUCH N 345] CKT 1
							OPEN 74410 [BUCHNTA5 138] TO 74312 [BUCH N 345] CKT 1
4852.4	74018 SUGARLF 115	74046 ROCK TV1 115	1	-0.02326	-215.6	218.0	OPEN 74001 [ROCK TAV 345] TO 74347 [RAMAPO 345] CKT 1
							OPEN 74347 [RAMAPO 345] TO 74312 [BUCH N 345] CKT 1
							OPEN 74410 [BUCHNTA5 138] TO 74312 [BUCH N 345] CKT 1
4877.6	74018 SUGARLF 115	79359 SGRLF69 69.0	1	0.02326	215.0	218.0	OPEN 74001 [ROCK TAV 345] TO 74347 [RAMAPO 345] CKT 1
							OPEN 74347 [RAMAPO 345] TO 74312 [BUCH N 345] CKT 1
							OPEN 74410 [BUCHNTA5 138] TO 74312 [BUCH N 345] CKT 1

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*** TLTG TRANSFER LIMIT OUTPUT FOR INTERFACE UPNY-S OPEN ***

TOTAL TRANS CAPAB	LIMITING ELEMENT FROM	LIMITING ELEMENT TO	CKT	DISTR. FACTOR	PRE-SHIFT MW	RATING BAS/CNT A/C	CONTINGENCY DESCRIPTION
5054.3	*74018 SUGARLF 115	74046 ROCK TV1 115	1	-0.02548	-210.2	218.0	OPEN 74001 [ROCK TAV 345] TO 74347 [RAMAPO 345] CKT 1
5057.9	79311 BURNS138 138	79313 MONSEY 138	1	-0.02379	-297.0	304.4	OPEN 74347 [RAMAPO 345] TO 74340 [LADENTWN 345] CKT 1
							OPEN 74340 [LADENTWN 345] TO 79300 [WHAV345 345] CKT 1
							OPEN 79300 [WHAV345 345] TO 74310 [BOWLINE1 345] CKT 10
							OPEN 79300 [WHAV345 345] TO 79325 [WHAV138 138] CKT 1
							OPEN 79391 [BOW1 20.0] TO 74310 [BOWLINE1 345] CKT 1
							REDUCE BUS 79391 [BOW1 20.0] GENERATION BY 100 PERCENT DISPATCH
5077.2	*74018 SUGARLF 115	79359 SGRLF69 69.0	1	0.02548	209.6	218.0	OPEN 74001 [ROCK TAV 345] TO 74347 [RAMAPO 345] CKT 1
5303.9	74403 ASTORIAW 138	74496 HG 5 138	1	0.15317	91.8	177.0	BASE CASE
5361.7	74403 ASTORIAW 138	74497 HG 6 138	1	0.14519	87.9	177.0	BASE CASE
5384.3	74344 PLTVLLEY 345	78701 LEEDS 3 345	2	-0.28844	-1540.4	1724.0	OPEN 74344 [PLTVLLEY 345] TO 78705 [ATHENS 345] CKT 1
5484.4	79308 CHESTER 138	79321 SHOEM138 138	1	-0.05340	-265.1	304.4	OPEN 74001 [ROCK TAV 345] TO 74347 [RAMAPO 345] CKT 1
							OPEN 74001 [ROCK TAV 345] TO 74046 [ROCK TV1 115] CKT 1
							OPEN 74046 [ROCK TV1 115] TO 74018 [SUGARLF 115] CKT 1
5535.7	74344 PLTVLLEY 345	78705 ATHENS 345	1	-0.28053	-1503.0	1724.0	OPEN 74344 [PLTVLLEY 345] TO 78701 [LEEDS 3 345] CKT 2
5572.9	74344 PLTVLLEY 345	78701 LEEDS 3 345	2	-0.27662	-1495.8	1724.0	OPEN 78705 [ATHENS 345] TO 74344 [PLTVLLEY 345] CKT 1
							OPEN 74344 [PLTVLLEY 345] TO 74341 [MILLWOOD 345] CKT 1
5577.8	74344 PLTVLLEY 345	78701 LEEDS 3 345	2	-0.27691	-1494.2	1724.0	OPEN 78705 [ATHENS 345] TO 74344 [PLTVLLEY 345] CKT 1
							OPEN 74344 [PLTVLLEY 345] TO 74356 [WOOD B 345] CKT 1
5734.3	74344 PLTVLLEY 345	78705 ATHENS 345	1	-0.26937	-1458.3	1724.0	OPEN 78701 [LEEDS 3 345] TO 74344 [PLTVLLEY 345] CKT 2
							OPEN 74344 [PLTVLLEY 345] TO 74356 [WOOD B 345] CKT 1
5777.6	74403 ASTORIAW 138	74496 HG 5 138	1	0.29412	177.1	480.0	OPEN 74403 [ASTORIAW 138] TO 74497 [HG 6 138] CKT 1
5780.1	74403 ASTORIAW 138	74497 HG 6 138	1	0.29365	176.9	480.0	OPEN 74403 [ASTORIAW 138] TO 74496 [HG 5 138] CKT 1
5811.8	74435 E179 ST 138	74497 HG 6 138	1	-0.30065	97.9	222.0	BASE CASE
5878.1	74344 PLTVLLEY 345	78701 LEEDS 3 345	2	-0.28844	-1398.0	1724.0	OPEN 78701 [LEEDS 3 345] TO 78705 [ATHENS 345] CKT 1
5887.3	74344 PLTVLLEY 345	78705 ATHENS 345	1	-0.26274	-1424.6	1724.0	OPEN 78701 [LEEDS 3 345] TO 74344 [PLTVLLEY 345] CKT 2
							OPEN 78702 [N.SCOT77 345] TO 78701 [LEEDS 3 345] CKT 1
5929.3	*74344 PLTVLLEY 345	78701 LEEDS 3 345	2	-0.27125	-1403.5	1724.0	OPEN 79583 [MARCY T1 345] TO 75400 [COOPC345 345] CKT 1
							OPEN 75403 [FRASR345 345] TO 75400 [COOPC345 345] CKT 1
6064.4	74345 RAINEY 345	74691 S. BRONX 345	3	-0.41436	-535.5	1081.0	OPEN 74345 [RAINEY 345] TO 74691 [S. BRONX 345] CKT 4
6064.4	74345 RAINEY 345	74691 S. BRONX 345	4	-0.41436	-535.5	1081.0	OPEN 74345 [RAINEY 345] TO 74691 [S. BRONX 345] CKT 3
6084.3	79303 SMAHWAH2 345	5028 WALDWICK 345	1	0.03580	541.2	589.0	OPEN 74347 [RAMAPO 345] TO 74340 [LADENTWN 345] CKT 1
							OPEN 74347 [RAMAPO 345] TO 74312 [BUCH N 345] CKT 1
							OPEN 74410 [BUCHNTA5 138] TO 74312 [BUCH N 345] CKT 1
6148.0	79308 CHESTER 138	79323 SGRLF138 138	1	0.05340	229.6	304.4	OPEN 74001 [ROCK TAV 345] TO 74347 [RAMAPO 345] CKT 1
							OPEN 74001 [ROCK TAV 345] TO 74046 [ROCK TV1 115] CKT 1
							OPEN 74046 [ROCK TV1 115] TO 74018 [SUGARLF 115] CKT 1
6149.9	79308 CHESTER 138	79321 SHOEM138 138	1	-0.04945	-235.1	304.4	OPEN 74001 [ROCK TAV 345] TO 74347 [RAMAPO 345] CKT 1
							OPEN 74001 [ROCK TAV 345] TO 74046 [ROCK TV1 115] CKT 1
6160.6	74651 REAC72 345	74691 S. BRONX 345	4	0.21098	416.9	715.0	BASE CASE
6160.6	74650 REAC71 345	74691 S. BRONX 345	3	0.21098	416.9	715.0	BASE CASE
6160.6	74316 DUNWODIE 345	74650 REAC71 345	SR	0.21098	416.9	715.0	BASE CASE
6160.6	74316 DUNWODIE 345	74651 REAC72 345	SR	0.21098	416.9	715.0	BASE CASE
6219.3	74344 PLTVLLEY 345	78705 ATHENS 345	1	-0.25813	-1344.2	1724.0	OPEN 79583 [MARCY T1 345] TO 75400 [COOPC345 345] CKT 1
							OPEN 75403 [FRASR345 345] TO 75400 [COOPC345 345] CKT 1
6232.5	74403 ASTORIAW 138	74497 HG 6 138	1	0.29477	42.4	480.0	OPEN 74496 [HG 5 138] TO 74497 [HG 6 138] CKT 1
6279.2	*74344 PLTVLLEY 345	78705 ATHENS 345	1	-0.19282	-1035.7	1331.0	BASE CASE

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<- INTERFACE 'UPNY-C OPEN ' DEFINITION ->

<----- FROM ----->	<------ TO ------>	CKT	DISTR. FACTOR	PRE-SHIFT MW
74002 ROSETON 345	74331 FISHKILL 345	1	0.20033	1541.6
74026 FISHKILL 115	75762 SYLVN115 115	1	0.00963	116.1
74022 E FISH I 115	74331 FISHKILL 345	1	0.01838	-123.3
74340 LADENTWN 345	74313 BUCH S 345	1	0.13592	356.2
74344 PLTVLLEY 345	74331 FISHKILL 345	1	0.07768	150.7
74344 PLTVLLEY 345	74331 FISHKILL 345	2	0.07768	150.7
74344 PLTVLLEY 345	74341 MILLWOOD 345	1	0.17355	673.9
74344 PLTVLLEY 345	74356 WOOD B 345	1	0.17126	703.0
74347 RAMAPO 345	74312 BUCH N 345	1	0.13558	11.9
TOTALS FOR INTERFACE UPNY-C OPEN			1.00000	3580.8

TOTAL TRANS CAPAB	<---------- LIMITING ELEMENT ----------> FROM ----->	<------ TO ------>	CKT	DISTR. FACTOR	PRE-SHIFT MW	RATING BAS/CNT A/C	<---------- CONTINGENCY DESCRIPTION ---------->
-79.7	79319 RAMP138 138	79361 TALLMAN 138	1	0.02378	391.4	304.4	OPEN 74347 [RAMAPO 345] TO 74340 [LADENTWN 345] CKT 1
							OPEN 74340 [LADENTWN 345] TO 79300 [WHAV345 345] CKT 1
							OPEN 79300 [WHAV345 345] TO 74310 [BOWLINE1 345] CKT 10
							OPEN 79300 [WHAV345 345] TO 79325 [WHAV138 138] CKT 1
							OPEN 79391 [BOW1 20.0] TO 74310 [BOWLINE1 345] CKT 1
							REDUCE BUS 79391 [BOW1 20.0] GENERATION BY 100 PERCENT DISPATCH
1950.8	74018 SUGARLF 115	74046 ROCK TV1 115	1	-0.02084	-252.0	218.0	OPEN 79304 [N.M.TAP 345] TO 79322 [SHOEMTAP 138] CKT 1
1950.8	74018 SUGARLF 115	74046 ROCK TV1 115	1	-0.02084	-252.0	218.0	OPEN 79321 [SHOEM138 138] TO 79322 [SHOEMTAP 138] CKT 1
1978.8	74018 SUGARLF 115	79359 SGRLF69 69.0	1	0.02084	251.4	218.0	OPEN 79304 [N.M.TAP 345] TO 79322 [SHOEMTAP 138] CKT 1
1978.8	74018 SUGARLF 115	79359 SGRLF69 69.0	1	0.02084	251.4	218.0	OPEN 79321 [SHOEM138 138] TO 79322 [SHOEMTAP 138] CKT 1
2444.1	79313 MONSEY 138	79361 TALLMAN 138	1	-0.02377	-331.4	304.4	OPEN 74347 [RAMAPO 345] TO 74340 [LADENTWN 345] CKT 1
							OPEN 74340 [LADENTWN 345] TO 79300 [WHAV345 345] CKT 1
							OPEN 79300 [WHAV345 345] TO 74310 [BOWLINE1 345] CKT 10
							OPEN 79300 [WHAV345 345] TO 79325 [WHAV138 138] CKT 1
							OPEN 79391 [BOW1 20.0] TO 74310 [BOWLINE1 345] CKT 1
							REDUCE BUS 79391 [BOW1 20.0] GENERATION BY 100 PERCENT DISPATCH
2471.1	74018 SUGARLF 115	74046 ROCK TV1 115	1	-0.02125	-241.6	218.0	OPEN 79304 [N.M.TAP 345] TO 75400 [COOPC345 345] CKT 1
							OPEN 74001 [ROCK TAV 345] TO 79304 [N.M.TAP 345] CKT 1
							OPEN 74002 [ROSETON 345] TO 74001 [ROCK TAV 345] CKT 1
2498.7	74018 SUGARLF 115	79359 SGRLF69 69.0	1	0.02125	241.0	218.0	OPEN 79304 [N.M.TAP 345] TO 75400 [COOPC345 345] CKT 1
							OPEN 74001 [ROCK TAV 345] TO 79304 [N.M.TAP 345] CKT 1
							OPEN 74002 [ROSETON 345] TO 74001 [ROCK TAV 345] CKT 1
2520.6	79303 SMAHWAH2 345	5028 WALDWICK 345	1	0.04196	633.5	589.0	OPEN 74340 [LADENTWN 345] TO 74313 [BUCH S 345] CKT 1
							OPEN 74347 [RAMAPO 345] TO 74312 [BUCH N 345] CKT 1
							OPEN 74410 [BUCHNTA5 138] TO 74312 [BUCH N 345] CKT 1
3685.5	74018 SUGARLF 115	74046 ROCK TV1 115	1	-0.02324	-215.6	218.0	OPEN 74001 [ROCK TAV 345] TO 74347 [RAMAPO 345] CKT 1
							OPEN 74347 [RAMAPO 345] TO 74312 [BUCH N 345] CKT 1
							OPEN 74410 [BUCHNTA5 138] TO 74312 [BUCH N 345] CKT 1
3710.8	74018 SUGARLF 115	79359 SGRLF69 69.0	1	0.02324	215.0	218.0	OPEN 74001 [ROCK TAV 345] TO 74347 [RAMAPO 345] CKT 1
							OPEN 74347 [RAMAPO 345] TO 74312 [BUCH N 345] CKT 1
							OPEN 74410 [BUCHNTA5 138] TO 74312 [BUCH N 345] CKT 1
3887.6	*74018 SUGARLF 115	74046 ROCK TV1 115	1	-0.02545	-210.2	218.0	OPEN 74001 [ROCK TAV 345] TO 74347 [RAMAPO 345] CKT 1

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TOTAL TRANS CAPAB	LIMITING ELEMENT FROM	LIMITING ELEMENT TO	CKT	DISTR. FACTOR	PRE-SHIFT MW	RATING BAS/CNT A/C	CONTINGENCY DESCRIPTION
3891.2	79311 BURNS138 138	79313 MONSEY 138	1	-0.02377	-297.0	304.4	OPEN 74347 [RAMAPO 345] TO 74340 [LADENTWN 345] CKT 1
							OPEN 74340 [LADENTWN 345] TO 79300 [WHAV345 345] CKT 1
							OPEN 79300 [WHAV345 345] TO 74310 [BOWLINE1 345] CKT 10
							OPEN 79300 [WHAV345 345] TO 79325 [WHAV138 138] CKT 1
							OPEN 79391 [BOW1 20.0] TO 74310 [BOWLINE1 345] CKT 1
							REDUCE BUS 79391 [BOW1 20.0] GENERATION BY 100 PERCENT DISPATCH
3910.5	*74018 SUGARLF 115	79359 SGRLF69 69.0	1	0.02545	209.6	218.0	OPEN 74001 [ROCK TAV 345] TO 74347 [RAMAPO 345] CKT 1
4137.5	74403 ASTORIAW 138	74496 HG 5 138	1	0.15302	91.8	177.0	BASE CASE
4195.3	74403 ASTORIAW 138	74497 HG 6 138	1	0.14505	87.9	177.0	BASE CASE
4217.9	74344 PLTVLLEY 345	78701 LEEDS 3 345	2	-0.28816	-1540.4	1724.0	OPEN 74344 [PLTVLLEY 345] TO 78705 [ATHENS 345] CKT 1
4318.1	79308 CHESTER 138	79321 SHOEM138 138	1	-0.05335	-265.1	304.4	OPEN 74001 [ROCK TAV 345] TO 74347 [RAMAPO 345] CKT 1
							OPEN 74001 [ROCK TAV 345] TO 74046 [ROCK TV1 115] CKT 1
							OPEN 74046 [ROCK TV1 115] TO 74018 [SUGARLF 115] CKT 1
4369.4	74344 PLTVLLEY 345	78705 ATHENS 345	1	-0.28026	-1503.0	1724.0	OPEN 74344 [PLTVLLEY 345] TO 78701 [LEEDS 3 345] CKT 2
4406.7	74344 PLTVLLEY 345	78701 LEEDS 3 345	2	-0.27636	-1495.8	1724.0	OPEN 78705 [ATHENS 345] TO 74344 [PLTVLLEY 345] CKT 1
							OPEN 74344 [PLTVLLEY 345] TO 74341 [MILLWOOD 345] CKT 1
4411.7	74344 PLTVLLEY 345	78701 LEEDS 3 345	2	-0.27665	-1494.2	1724.0	OPEN 78705 [ATHENS 345] TO 74344 [PLTVLLEY 345] CKT 1
							OPEN 74344 [PLTVLLEY 345] TO 74356 [WOOD B 345] CKT 1
4568.3	74344 PLTVLLEY 345	78705 ATHENS 345	1	-0.26911	-1458.3	1724.0	OPEN 78701 [LEEDS 3 345] TO 74344 [PLTVLLEY 345] CKT 2
							OPEN 74344 [PLTVLLEY 345] TO 74356 [WOOD B 345] CKT 1
4611.6	74403 ASTORIAW 138	74496 HG 5 138	1	0.29384	177.1	480.0	OPEN 74403 [ASTORIAW 138] TO 74497 [HG 6 138] CKT 1
4614.1	74403 ASTORIAW 138	74497 HG 6 138	1	0.29337	176.9	480.0	OPEN 74403 [ASTORIAW 138] TO 74496 [HG 5 138] CKT 1
4645.9	74435 E179 ST 138	74497 HG 6 138	1	-0.30037	97.9	222.0	BASE CASE
4712.2	74344 PLTVLLEY 345	78701 LEEDS 3 345	2	-0.28816	-1398.0	1724.0	OPEN 78701 [LEEDS 3 345] TO 78705 [ATHENS 345] CKT 1
4721.4	74344 PLTVLLEY 345	78705 ATHENS 345	1	-0.26249	-1424.6	1724.0	OPEN 78701 [LEEDS 3 345] TO 74344 [PLTVLLEY 345] CKT 2
							OPEN 78702 [N.SCOT77 345] TO 78701 [LEEDS 3 345] CKT 1
4763.4	*74344 PLTVLLEY 345	78701 LEEDS 3 345	2	-0.27099	-1403.5	1724.0	OPEN 79583 [MARCY T1 345] TO 75400 [COOPC345 345] CKT 1
							OPEN 75403 [FRASR345 345] TO 75400 [COOPC345 345] CKT 1
4898.6	74345 RAINEY 345	74691 S. BRONX 345	3	-0.41397	-535.5	1081.0	OPEN 74345 [RAINEY 345] TO 74691 [S. BRONX 345] CKT 4
4898.6	74345 RAINEY 345	74691 S. BRONX 345	4	-0.41397	-535.5	1081.0	OPEN 74345 [RAINEY 345] TO 74691 [S. BRONX 345] CKT 3
4918.6	79303 SMAHWAH2 345	5028 WALDWICK 345	1	0.03577	541.2	589.0	OPEN 74347 [RAMAPO 345] TO 74340 [LADENTWN 345] CKT 1
							OPEN 74347 [RAMAPO 345] TO 74312 [BUCH N 345] CKT 1
							OPEN 74410 [BUCHNTA5 138] TO 74312 [BUCH N 345] CKT 1
4982.4	79308 CHESTER 138	79323 SGRLF138 138	1	0.05335	229.6	304.4	OPEN 74001 [ROCK TAV 345] TO 74347 [RAMAPO 345] CKT 1
							OPEN 74001 [ROCK TAV 345] TO 74046 [ROCK TV1 115] CKT 1
							OPEN 74046 [ROCK TV1 115] TO 74018 [SUGARLF 115] CKT 1
4984.3	79308 CHESTER 138	79321 SHOEM138 138	1	-0.04941	-235.1	304.4	OPEN 74001 [ROCK TAV 345] TO 74347 [RAMAPO 345] CKT 1
							OPEN 74001 [ROCK TAV 345] TO 74046 [ROCK TV1 115] CKT 1
4995.0	74651 REAC72 345	74691 S. BRONX 345	4	0.21078	416.9	715.0	BASE CASE
4995.0	74650 REAC71 345	74691 S. BRONX 345	3	0.21078	416.9	715.0	BASE CASE
4995.0	74316 DUNWODIE 345	74650 REAC71 345	SR	0.21078	416.9	715.0	BASE CASE
4995.0	74316 DUNWODIE 345	74651 REAC72 345	SR	0.21078	416.9	715.0	BASE CASE
5053.7	74344 PLTVLLEY 345	78705 ATHENS 345	1	-0.25789	-1344.2	1724.0	OPEN 79583 [MARCY T1 345] TO 75400 [COOPC345 345] CKT 1
							OPEN 75403 [FRASR345 345] TO 75400 [COOPC345 345] CKT 1
5066.9	74403 ASTORIAW 138	74497 HG 6 138	1	0.29449	42.4	480.0	OPEN 74496 [HG 5 138] TO 74497 [HG 6 138] CKT 1
5113.7	*74344 PLTVLLEY 345	78705 ATHENS 345	1	-0.19263	-1035.7	1331.0	BASE CASE
5162.7	79308 CHESTER 138	79321 SHOEM138 138	1	-0.04913	-226.7	304.4	OPEN 74001 [ROCK TAV 345] TO 75400 [COOPC345 345] CKT 2
							OPEN 74001 [ROCK TAV 345] TO 74347 [RAMAPO 345] CKT 1

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TOTAL TRANS CAPAB	LIMITING ELEMENT FROM	LIMITING ELEMENT TO	CKT	DISTR. FACTOR	PRE-SHIFT MW	RATING BAS/CNT A/C	CONTINGENCY DESCRIPTION
5171.0	79308 CHESTER 138	79321 SHOEM138 138	1	-0.04566	-231.8	304.4	OPEN 74001 [ROCK TAV 345] TO 74347 [RAMAPO 345] CKT 1
							OPEN 74347 [RAMAPO 345] TO 74312 [BUCH N 345] CKT 1
							OPEN 74410 [BUCHNTA5 138] TO 74312 [BUCH N 345] CKT 1
5221.0	*79308 CHESTER 138	79321 SHOEM138 138	1	-0.04865	-224.6	304.4	OPEN 74001 [ROCK TAV 345] TO 74347 [RAMAPO 345] CKT 1
5242.1	74435 E179 ST 138	74497 HG 6 138	1	-0.30044	19.1	480.0	OPEN 74348 [SPRBROOK 345] TO 74351 [TREMONT 345] CKT 1
							OPEN 74348 [SPRBROOK 345] TO 74419 [DUN NO T 138] CKT 6
5251.0	74435 E179 ST 138	74497 HG 6 138	1	-0.30043	21.8	480.0	OPEN 74348 [SPRBROOK 345] TO 74351 [TREMONT 345] CKT 1
							OPEN 74348 [SPRBROOK 345] TO 74423 [DUN SO T 138] CKT 7
5253.5	74348 SPRBROOK 345	74567 REACM51 345	SR	0.19962	440.1	774.0	BASE CASE
5253.5	74348 SPRBROOK 345	74568 REACM52 345	SR	0.19962	440.1	774.0	BASE CASE
5260.8	74345 RAINEY 345	74612 8W DUM 138	8	0.29912	-189.5	313.0	OPEN 74530 [RAINEY8E 138] TO 74611 [8E DUM 138] CKT 1
5261.0	74354 W 49 ST 345	74567 REACM51 345	1	-0.19962	-438.6	774.0	BASE CASE
5261.0	74354 W 49 ST 345	74568 REACM52 345	2	-0.19962	-438.6	774.0	BASE CASE
5261.0	74345 RAINEY 345	74612 8W DUM 138	8	0.29912	-189.6	313.0	OPEN 74530 [RAINEY8E 138] TO 74556 [VERNON-E 138] CKT 1
5278.6	74345 RAINEY 345	74612 8W DUM 138	8	0.22376	-139.9	240.0	BASE CASE
5278.6	74435 E179 ST 138	74497 HG 6 138	1	-0.30179	32.4	480.0	OPEN 74348 [SPRBROOK 345] TO 74351 [TREMONT 345] CKT 1
							OPEN 74312 [BUCH N 345] TO 74317 [E VIEW1 345] CKT 1
							OPEN 74348 [SPRBROOK 345] TO 74317 [E VIEW1 345] CKT 1
							OPEN 74428 [EASTVIEW 138] TO 74317 [E VIEW1 345] CKT 1
5316.8	*74435 E179 ST 138	74497 HG 6 138	1	-0.30037	41.4	480.0	OPEN 74348 [SPRBROOK 345] TO 74351 [TREMONT 345] CKT 1
5324.1	79304 N.M.TAP 345	79322 SHOEMTAP 138	1	0.06667	550.8	667.0	OPEN 74001 [ROCK TAV 345] TO 74347 [RAMAPO 345] CKT 1
							OPEN 74001 [ROCK TAV 345] TO 74046 [ROCK TV1 115] CKT 1
							OPEN 74046 [ROCK TV1 115] TO 74018 [SUGARLF 115] CKT 1
5324.6	74345 RAINEY 345	74612 8W DUM 138	8	0.29912	-208.6	313.0	OPEN 74345 [RAINEY 345] TO 74611 [8E DUM 138] CKT 8
5351.5	*74345 RAINEY 345	74612 8W DUM 138	8	0.22376	-83.2	313.0	OPEN 74612 [8W DUM 138] TO 74728 [RYYGT81113.8] CKT 1
5362.1	74316 DUNWODIE 345	75000 SHORE RD 345	1	0.17910	368.0	687.0	BASE CASE
5488.5	79304 N.M.TAP 345	75400 COOPC345 345	1	-0.27948	-1259.9	1793.0	OPEN 74001 [ROCK TAV 345] TO 75400 [COOPC345 345] CKT 2
							OPEN 75400 [COOPC345 345] TO 75440 [COOPC115 115] CKT 1
5500.4	79304 N.M.TAP 345	75400 COOPC345 345	1	-0.27926	-1256.9	1793.0	OPEN 74001 [ROCK TAV 345] TO 75400 [COOPC345 345] CKT 2
5541.2	74345 RAINEY 345	74611 8E DUM 138	8	0.30174	-232.5	359.0	OPEN 74531 [RAINEY8W 138] TO 74612 [8W DUM 138] CKT 1
5541.3	74345 RAINEY 345	74611 8E DUM 138	8	0.30174	-232.5	359.0	OPEN 74531 [RAINEY8W 138] TO 74557 [VERNON-W 138] CKT 1
5544.5	74002 ROSETON 345	74331 FISHKILL 345	1	0.20033	1541.6	1935.0	BASE CASE
5611.0	74345 RAINEY 345	74611 8E DUM 138	8	0.30174	-253.6	359.0	OPEN 74345 [RAINEY 345] TO 74612 [8W DUM 138] CKT 8
5632.4	74001 ROCK TAV 345	74347 RAMAPO 345	1	0.30902	1535.0	2169.0	OPEN 74331 [FISHKILL 345] TO 74022 [E FISH I 115] CKT 1
							OPEN 74331 [FISHKILL 345] TO 74002 [ROSETON 345] CKT 1
5635.0	79319 RAMP138 138	79361 TALLMAN 138	1	0.06106	179.0	304.4	OPEN 74347 [RAMAPO 345] TO 74340 [LADENTWN 345] CKT 1
							OPEN 74347 [RAMAPO 345] TO 74312 [BUCH N 345] CKT 1
							OPEN 74410 [BUCHNTA5 138] TO 74312 [BUCH N 345] CKT 1
5655.9	74001 ROCK TAV 345	74347 RAMAPO 345	1	0.30372	1538.8	2169.0	OPEN 74002 [ROSETON 345] TO 74331 [FISHKILL 345] CKT 1
5679.5	74345 RAINEY 345	74691 S. BRONX 345	4	-0.21078	-272.6	715.0	BASE CASE
5679.5	74345 RAINEY 345	74691 S. BRONX 345	3	-0.21078	-272.6	715.0	BASE CASE
5688.0	74345 RAINEY 345	74611 8E DUM 138	8	0.22669	-206.7	271.0	BASE CASE
5696.3	74001 ROCK TAV 345	75400 COOPC345 345	2	-0.26089	-1241.1	1793.0	OPEN 79304 [N.M.TAP 345] TO 75400 [COOPC345 345] CKT 1
							OPEN 74001 [ROCK TAV 345] TO 79304 [N.M.TAP 345] CKT 1
							OPEN 74002 [ROSETON 345] TO 74001 [ROCK TAV 345] CKT 1
5701.5	79308 CHESTER 138	79323 SGRLF138 138	1	0.04941	199.6	304.4	OPEN 74001 [ROCK TAV 345] TO 74347 [RAMAPO 345] CKT 1
							OPEN 74001 [ROCK TAV 345] TO 74046 [ROCK TV1 115] CKT 1
5702.0	*74345 RAINEY 345	74611 8E DUM 138	8	0.22669	-121.9	359.0	OPEN 74611 [8E DUM 138] TO 74727 [RNYGT4-713.8] CKT 1

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*** TLTG TRANSFER LIMIT OUTPUT FOR INTERFACE MILLSCLOSE ***

<- INTERFACE 'MILLSCLOSE ' DEFINITION ->

<----- FROM ----->	<------ TO ------>	CKT	DISTR. FACTOR	PRE-SHIFT MW
74312 BUCH N 345	74317 E VIEW1 345	1	0.13287	912.4
74331 FISHKILL 345	74342 PL VILLE 345	1	0.18770	809.9
74341 MILLWOOD 345	74318 E VIEW2 345	1	0.16988	852.0
74341 MILLWOOD 345	74319 E VIEW3 345	1	0.16059	810.4
74341 MILLWOOD 345	74320 E VIEW4 345	1	0.16059	810.4
74355 WOOD A 345	74343 PL VILLW 345	1	0.18836	762.7
4989 HUDSON1 345	74328 FARRGUT1 345	1	0.00000	400.1
5039 HUDSON2 345	74329 FARRGUT2 345	1	0.00000	400.1
4996 LINDEN 230	74371 GOETHALS 230	1	0.00000	200.5
73166 NORHR138 138	75053 NRTHPT P 138	1	0.00000	100.1
75078 SHMHVDCL 192	75062 SHOREHAM 138	1	0.00000	329.5
TOTALS FOR INTERFACE MILLSCLOSE			1.00000	6388.1

TOTAL TRANS CAPAB	<----- FROM ----->	<------ TO ------>	CKT	DISTR. FACTOR	PRE-SHIFT MW	RATING BAS/CNT A/C	<---------- CONTINGENCY DESCRIPTION ---------->
2727.6	79319 RAMP138 138	79361 TALLMAN 138	1	0.02378	391.4	304.4	OPEN 74347 [RAMAPO 345] TO 74340 [LADENTWN 345] CKT 1
							OPEN 74340 [LADENTWN 345] TO 79300 [WHAV345 345] CKT 1
							OPEN 79300 [WHAV345 345] TO 74310 [BOWLINE1 345] CKT 10
							OPEN 79300 [WHAV345 345] TO 79325 [WHAV138 138] CKT 1
							OPEN 79391 [BOW1 20.0] TO 74310 [BOWLINE1 345] CKT 1
							REDUCE BUS 79391 [BOW1 20.0] GENERATION BY 100 PERCENT DISPATCH
4758.1	74018 SUGARLF 115	74046 ROCK TV1 115	1	-0.02084	-252.0	218.0	OPEN 79304 [N.M.TAP 345] TO 79322 [SHOEMTAP 138] CKT 1
4758.1	74018 SUGARLF 115	74046 ROCK TV1 115	1	-0.02084	-252.0	218.0	OPEN 79321 [SHOEM138 138] TO 79322 [SHOEMTAP 138] CKT 1
4786.1	74018 SUGARLF 115	79359 SGRLF69 69.0	1	0.02084	251.4	218.0	OPEN 79304 [N.M.TAP 345] TO 79322 [SHOEMTAP 138] CKT 1
4786.1	74018 SUGARLF 115	79359 SGRLF69 69.0	1	0.02084	251.4	218.0	OPEN 79321 [SHOEM138 138] TO 79322 [SHOEMTAP 138] CKT 1
5251.4	79313 MONSEY 138	79361 TALLMAN 138	1	-0.02377	-331.4	304.4	OPEN 74347 [RAMAPO 345] TO 74340 [LADENTWN 345] CKT 1
							OPEN 74340 [LADENTWN 345] TO 79300 [WHAV345 345] CKT 1
							OPEN 79300 [WHAV345 345] TO 74310 [BOWLINE1 345] CKT 10
							OPEN 79300 [WHAV345 345] TO 79325 [WHAV138 138] CKT 1
							OPEN 79391 [BOW1 20.0] TO 74310 [BOWLINE1 345] CKT 1
							REDUCE BUS 79391 [BOW1 20.0] GENERATION BY 100 PERCENT DISPATCH
5278.3	74018 SUGARLF 115	74046 ROCK TV1 115	1	-0.02125	-241.6	218.0	OPEN 79304 [N.M.TAP 345] TO 75400 [COOPC345 345] CKT 1
							OPEN 74001 [ROCK TAV 345] TO 79304 [N.M.TAP 345] CKT 1
							OPEN 74002 [ROSETON 345] TO 74001 [ROCK TAV 345] CKT 1
5305.9	74018 SUGARLF 115	79359 SGRLF69 69.0	1	0.02125	241.0	218.0	OPEN 79304 [N.M.TAP 345] TO 75400 [COOPC345 345] CKT 1
							OPEN 74001 [ROCK TAV 345] TO 79304 [N.M.TAP 345] CKT 1
							OPEN 74002 [ROSETON 345] TO 74001 [ROCK TAV 345] CKT 1
5327.9	79303 SMAHWAH2 345	5028 WALDWICK 345	1	0.04196	633.5	589.0	OPEN 74340 [LADENTWN 345] TO 74313 [BUCH S 345] CKT 1
							OPEN 74347 [RAMAPO 345] TO 74312 [BUCH N 345] CKT 1
							OPEN 74410 [BUCHNTA5 138] TO 74312 [BUCH N 345] CKT 1
6492.8	74018 SUGARLF 115	74046 ROCK TV1 115	1	-0.02324	-215.6	218.0	OPEN 74001 [ROCK TAV 345] TO 74347 [RAMAPO 345] CKT 1
							OPEN 74347 [RAMAPO 345] TO 74312 [BUCH N 345] CKT 1
							OPEN 74410 [BUCHNTA5 138] TO 74312 [BUCH N 345] CKT 1
6518.0	74018 SUGARLF 115	79359 SGRLF69 69.0	1	0.02324	215.0	218.0	OPEN 74001 [ROCK TAV 345] TO 74347 [RAMAPO 345] CKT 1
							OPEN 74347 [RAMAPO 345] TO 74312 [BUCH N 345] CKT 1
							OPEN 74410 [BUCHNTA5 138] TO 74312 [BUCH N 345] CKT 1
6694.8	*74018 SUGARLF 115	74046 ROCK TV1 115	1	-0.02545	-210.2	218.0	OPEN 74001 [ROCK TAV 345] TO 74347 [RAMAPO 345] CKT 1

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TOTAL TRANS CAPAB	LIMITING ELEMENT FROM	LIMITING ELEMENT TO	CKT	DISTR. FACTOR	PRE-SHIFT MW	RATING BAS/CNT A/C	CONTINGENCY DESCRIPTION
6698.4	79311 BURNS138 138	79313 MONSEY 138 1		-0.02377	-297.0	304.4	OPEN 74347 [RAMAPO 345] TO 74340 [LADENTWN 345] CKT 1
							OPEN 74340 [LADENTWN 345] TO 79300 [WHAV345 345] CKT 1
							OPEN 79300 [WHAV345 345] TO 74310 [BOWLINE1 345] CKT 10
							OPEN 79300 [WHAV345 345] TO 79325 [WHAV138 138] CKT 1
							OPEN 79391 [BOW1 20.0] TO 74310 [BOWLINE1 345] CKT 1
							REDUCE BUS 79391 [BOW1 20.0] GENERATION BY 100 PERCENT DISPATCH
6717.7	*74018 SUGARLF 115	79359 SGRLF69 69.0 1		0.02545	209.6	218.0	OPEN 74001 [ROCK TAV 345] TO 74347 [RAMAPO 345] CKT 1
6944.7	74403 ASTORIAW 138	74496 HG 5 138 1		0.15303	91.8	177.0	BASE CASE
7002.5	74403 ASTORIAW 138	74497 HG 6 138 1		0.14506	87.9	177.0	BASE CASE
7025.1	74344 PLTVLLEY 345	78701 LEEDS 3 345 2		-0.28817	-1540.4	1724.0	OPEN 74344 [PLTVLLEY 345] TO 78705 [ATHENS 345] CKT 1
7125.3	79308 CHESTER 138	79321 SHOEM138 138 1		-0.05335	-265.1	304.4	OPEN 74001 [ROCK TAV 345] TO 74347 [RAMAPO 345] CKT 1
							OPEN 74001 [ROCK TAV 345] TO 74046 [ROCK TV1 115] CKT 1
							OPEN 74046 [ROCK TV1 115] TO 74018 [SUGARLF 115] CKT 1
7176.6	74344 PLTVLLEY 345	78705 ATHENS 345 1		-0.28027	-1503.0	1724.0	OPEN 74344 [PLTVLLEY 345] TO 78701 [LEEDS 3 345] CKT 2
7213.9	74344 PLTVLLEY 345	78701 LEEDS 3 345 2		-0.27637	-1495.8	1724.0	OPEN 78705 [ATHENS 345] TO 74344 [PLTVLLEY 345] CKT 1
							OPEN 74344 [PLTVLLEY 345] TO 74341 [MILLWOOD 345] CKT 1
7218.9	74344 PLTVLLEY 345	78701 LEEDS 3 345 2		-0.27665	-1494.2	1724.0	OPEN 78705 [ATHENS 345] TO 74344 [PLTVLLEY 345] CKT 1
							OPEN 74344 [PLTVLLEY 345] TO 74356 [WOOD B 345] CKT 1
7375.5	74344 PLTVLLEY 345	78705 ATHENS 345 1		-0.26912	-1458.3	1724.0	OPEN 78701 [LEEDS 3 345] TO 74344 [PLTVLLEY 345] CKT 2
							OPEN 74344 [PLTVLLEY 345] TO 74356 [WOOD B 345] CKT 1
7418.8	74403 ASTORIAW 138	74496 HG 5 138 1		0.29385	177.1	480.0	OPEN 74403 [ASTORIAW 138] TO 74497 [HG 6 138] CKT 1
7421.3	74403 ASTORIAW 138	74497 HG 6 138 1		0.29338	176.9	480.0	OPEN 74403 [ASTORIAW 138] TO 74496 [HG 5 138] CKT 1
7453.1	74435 E179 ST 138	74497 HG 6 138 1		-0.30038	97.9	222.0	BASE CASE
7519.4	74344 PLTVLLEY 345	78701 LEEDS 3 345 2		-0.28817	-1398.0	1724.0	OPEN 78701 [LEEDS 3 345] TO 78705 [ATHENS 345] CKT 1
7528.6	74344 PLTVLLEY 345	78705 ATHENS 345 1		-0.26250	-1424.6	1724.0	OPEN 78701 [LEEDS 3 345] TO 74344 [PLTVLLEY 345] CKT 2
							OPEN 78702 [N.SCOT77 345] TO 78701 [LEEDS 3 345] CKT 1
7570.6	*74344 PLTVLLEY 345	78701 LEEDS 3 345 2		-0.27100	-1403.5	1724.0	OPEN 79583 [MARCY T1 345] TO 75400 [COOPC345 345] CKT 1
							OPEN 75403 [FRASR345 345] TO 75400 [COOPC345 345] CKT 1
7705.8	74345 RAINEY 345	74691 S. BRONX 345 3		-0.41398	-535.5	1081.0	OPEN 74345 [RAINEY 345] TO 74691 [S. BRONX 345] CKT 4
7705.8	74345 RAINEY 345	74691 S. BRONX 345 4		-0.41398	-535.5	1081.0	OPEN 74345 [RAINEY 345] TO 74691 [S. BRONX 345] CKT 3
7725.8	79303 SMAHWAH2 345	5028 WALDWICK 345 1		0.03577	541.2	589.0	OPEN 74347 [RAMAPO 345] TO 74340 [LADENTWN 345] CKT 1
							OPEN 74347 [RAMAPO 345] TO 74312 [BUCH N 345] CKT 1
							OPEN 74410 [BUCHNTA5 138] TO 74312 [BUCH N 345] CKT 1
7789.5	79308 CHESTER 138	79323 SGRLF138 138 1		0.05335	229.6	304.4	OPEN 74001 [ROCK TAV 345] TO 74347 [RAMAPO 345] CKT 1
							OPEN 74001 [ROCK TAV 345] TO 74046 [ROCK TV1 115] CKT 1
							OPEN 74046 [ROCK TV1 115] TO 74018 [SUGARLF 115] CKT 1
7791.4	79308 CHESTER 138	79321 SHOEM138 138 1		-0.04941	-235.1	304.4	OPEN 74001 [ROCK TAV 345] TO 74347 [RAMAPO 345] CKT 1
							OPEN 74001 [ROCK TAV 345] TO 74046 [ROCK TV1 115] CKT 1
7802.1	74651 REAC72 345	74691 S. BRONX 345 4		0.21079	416.9	715.0	BASE CASE
7802.1	74650 REAC71 345	74691 S. BRONX 345 3		0.21079	416.9	715.0	BASE CASE
7802.1	74316 DUNWODIE 345	74650 REAC71 345 SR		0.21079	416.9	715.0	BASE CASE
7802.1	74316 DUNWODIE 345	74651 REAC72 345 SR		0.21079	416.9	715.0	BASE CASE
7860.9	74344 PLTVLLEY 345	78705 ATHENS 345 1		-0.25790	-1344.2	1724.0	OPEN 79583 [MARCY T1 345] TO 75400 [COOPC345 345] CKT 1
							OPEN 75403 [FRASR345 345] TO 75400 [COOPC345 345] CKT 1
7874.1	74403 ASTORIAW 138	74497 HG 6 138 1		0.29450	42.4	480.0	OPEN 74496 [HG 5 138] TO 74497 [HG 6 138] CKT 1
7920.9	*74344 PLTVLLEY 345	78705 ATHENS 345 1		-0.19264	-1035.7	1331.0	BASE CASE
7969.9	79308 CHESTER 138	79321 SHOEM138 138 1		-0.04913	-226.7	304.4	OPEN 74001 [ROCK TAV 345] TO 75400 [COOPC345 345] CKT 2
							OPEN 74001 [ROCK TAV 345] TO 74347 [RAMAPO 345] CKT 1

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TOTAL TRANS CAPAB	LIMITING ELEMENT FROM			TO			CKT	DISTR. FACTOR	PRE-SHIFT MW	RATING BAS/CNT A/C	CONTINGENCY DESCRIPTION
7978.2	79308 CHESTER	138	79321	SHOEM138	138	1	-0.04566	-231.8	304.4	OPEN 74001 [ROCK TAV 345] TO 74347 [RAMAPO 345] CKT 1
										OPEN 74347 [RAMAPO 345] TO 74312 [BUCH N 345] CKT 1
										OPEN 74410 [BUCHNTA5 138] TO 74312 [BUCH N 345] CKT 1
8028.2	*79308 CHESTER	138	79321	SHOEM138	138	1	-0.04865	-224.6	304.4	OPEN 74001 [ROCK TAV 345] TO 74347 [RAMAPO 345] CKT 1
8049.2	74435 E179 ST	138	74497	HG 6	138	1	-0.30045	19.1	480.0	OPEN 74348 [SPRBROOK 345] TO 74351 [TREMONT 345] CKT 1
										OPEN 74348 [SPRBROOK 345] TO 74419 [DUN NO T 138] CKT 6
8058.2	74435 E179 ST	138	74497	HG 6	138	1	-0.30044	21.8	480.0	OPEN 74348 [SPRBROOK 345] TO 74351 [TREMONT 345] CKT 1
										OPEN 74348 [SPRBROOK 345] TO 74423 [DUN SO T 138] CKT 7
8060.7	74348 SPRBROOK	345	74567	REACM51	345	SR	0.19962	440.1	774.0	BASE CASE
8060.7	74348 SPRBROOK	345	74568	REACM52	345	SR	0.19962	440.1	774.0	BASE CASE
8067.9	74345 RAINEY	345	74612	8W DUM	138	8	0.29913	-189.5	313.0	OPEN 74530 [RAINEY8E 138] TO 74611 [8E DUM 138] CKT 1
8068.1	74354 W 49 ST	345	74567	REACM51	345	1	-0.19962	-438.6	774.0	BASE CASE
8068.1	74354 W 49 ST	345	74568	REACM52	345	2	-0.19962	-438.6	774.0	BASE CASE
8068.2	74345 RAINEY	345	74612	8W DUM	138	8	0.29913	-189.6	313.0	OPEN 74530 [RAINEY8E 138] TO 74556 [VERNON-E 138] CKT 1
8085.8	74345 RAINEY	345	74612	8W DUM	138	8	0.22377	-139.9	240.0	BASE CASE
8085.8	74435 E179 ST	138	74497	HG 6	138	1	-0.30180	32.4	480.0	OPEN 74348 [SPRBROOK 345] TO 74351 [TREMONT 345] CKT 1
										OPEN 74312 [BUCH N 345] TO 74317 [E VIEW1 345] CKT 1
										OPEN 74348 [SPRBROOK 345] TO 74317 [E VIEW1 345] CKT 1
										OPEN 74428 [EASTVIEW 138] TO 74317 [E VIEW1 345] CKT 1
8124.0	*74435 E179 ST	138	74497	HG 6	138	1	-0.30038	41.4	480.0	OPEN 74348 [SPRBROOK 345] TO 74351 [TREMONT 345] CKT 1
8131.3	79304 N.M.TAP	345	79322	SHOEMTAP	138	1	0.06668	550.8	667.0	OPEN 74001 [ROCK TAV 345] TO 74347 [RAMAPO 345] CKT 1
										OPEN 74001 [ROCK TAV 345] TO 74046 [ROCK TV1 115] CKT 1
										OPEN 74046 [ROCK TV1 115] TO 74018 [SUGARLF 115] CKT 1
8131.8	74345 RAINEY	345	74612	8W DUM	138	8	0.29913	-208.6	313.0	OPEN 74345 [RAINEY 345] TO 74611 [8E DUM 138] CKT 8
8158.7	*74345 RAINEY	345	74612	8W DUM	138	8	0.22377	-83.2	313.0	OPEN 74612 [8W DUM 138] TO 74728 [RYYGT81113.8] CKT 1
8169.3	74316 DUNWODIE	345	75000	SHORE RD	345	1	0.17910	368.0	687.0	BASE CASE
8295.6	79304 N.M.TAP	345	75400	COOPC345	345	1	-0.27949	-1259.9	1793.0	OPEN 74001 [ROCK TAV 345] TO 75400 [COOPC345 345] CKT 2
										OPEN 75400 [COOPC345 345] TO 75440 [COOPC115 115] CKT 1
8307.6	79304 N.M.TAP	345	75400	COOPC345	345	1	-0.27927	-1256.9	1793.0	OPEN 74001 [ROCK TAV 345] TO 75400 [COOPC345 345] CKT 2
8348.3	74345 RAINEY	345	74611	8E DUM	138	8	0.30175	-232.5	359.0	OPEN 74531 [RAINEY8W 138] TO 74612 [8W DUM 138] CKT 1
8348.4	74345 RAINEY	345	74611	8E DUM	138	8	0.30175	-232.5	359.0	OPEN 74531 [RAINEY8W 138] TO 74557 [VERNON-W 138] CKT 1
8351.6	74002 ROSETON	345	74331	FISHKILL	345	1	0.20033	1541.6	1935.0	BASE CASE
8418.2	74345 RAINEY	345	74611	8E DUM	138	8	0.30175	-253.6	359.0	OPEN 74345 [RAINEY 345] TO 74612 [8W DUM 138] CKT 8
8439.5	74001 ROCK TAV	345	74347	RAMAPO	345	1	0.30903	1535.0	2169.0	OPEN 74331 [FISHKILL 345] TO 74022 [E FISH I 115] CKT 1
										OPEN 74331 [FISHKILL 345] TO 74002 [ROSETON 345] CKT 1
8442.2	79319 RAMP138	138	79361	TALLMAN	138	1	0.06106	179.0	304.4	OPEN 74347 [RAMAPO 345] TO 74340 [LADENTWN 345] CKT 1
										OPEN 74347 [RAMAPO 345] TO 74312 [BUCH N 345] CKT 1
										OPEN 74410 [BUCHNTA5 138] TO 74312 [BUCH N 345] CKT 1
8463.0	74001 ROCK TAV	345	74347	RAMAPO	345	1	0.30373	1538.8	2169.0	OPEN 74002 [ROSETON 345] TO 74331 [FISHKILL 345] CKT 1
8486.6	74345 RAINEY	345	74691	S. BRONX	345	4	-0.21079	-272.6	715.0	BASE CASE
8486.6	74345 RAINEY	345	74691	S. BRONX	345	3	-0.21079	-272.6	715.0	BASE CASE
8495.2	74345 RAINEY	345	74611	8E DUM	138	8	0.22669	-206.7	271.0	BASE CASE
8503.4	74001 ROCK TAV	345	75400	COOPC345	345	2	-0.26090	-1241.1	1793.0	OPEN 79304 [N.M.TAP 345] TO 75400 [COOPC345 345] CKT 1
										OPEN 74001 [ROCK TAV 345] TO 79304 [N.M.TAP 345] CKT 1
										OPEN 74002 [ROSETON 345] TO 74001 [ROCK TAV 345] CKT 1
8508.7	79308 CHESTER	138	79323	SGRLF138	138	1	0.04941	199.6	304.4	OPEN 74001 [ROCK TAV 345] TO 74347 [RAMAPO 345] CKT 1
										OPEN 74001 [ROCK TAV 345] TO 74046 [ROCK TV1 115] CKT 1
8509.2	*74345 RAINEY	345	74611	8E DUM	138	8	0.22669	-121.9	359.0	OPEN 74611 [8E DUM 138] TO 74727 [RNYGT4-713.8] CKT 1

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2005 SUMMER PEAK, LEVEL 5 (04/01/05)

*** TLTG EXPORT LIMIT OUTPUT FOR BASE CASE ***

DISTRIBUTION FACTOR FILE: C:\NYISO\CRPP4\ds.dfx
SUBSYSTEM DESCRIPTION FILE: C:\NYISO\CRPP\sysds.sub
MONITORED ELEMENT FILE: C:\NYISO\CRPP\mondsM29.mon
CONTINGENCY DESCRIPTION FILE: C:\NYISO\CRPP\contds1.con

	PRE-SHIFT	DELTA	POST-SHIFT
STUDY SYSTEM MW GENERATION:	717.4	1000.0	1717.4
OPPOSING SYSTEM MW GENERATION:	3397.0	-1000.0	2397.0
STUDY SYSTEM NET INTERCHANGE:	700.1	1000.0	1700.1

STUDY SYSTEM					OPPOSING SYSTEM				
		GENERATOR MW					GENERATOR MW		
BUS	BUS NAME	BASE	SHIFT	CHANGE	BUS	BUS NAME	BASE	SHIFT	CHANGE
80900	LAKEVWG518.0	211.9	661.9	450.0	74700	AK 3	22.0	491.0	351.0	-140.0
81422	LENNOXG220.0	505.5	1055.5	550.0	74702	RAV 3	22.0	972.0	572.0	-400.0
					74703	AK 2	20.0	334.0	274.0	-60.0
					74708	RAV 2	20.0	385.0	285.0	-100.0
					74709	COGENGT1	13.8	78.0	38.0	-40.0
					74710	COGENGT2	13.8	78.0	38.0	-40.0
					74711	COGENGT3	13.8	78.0	38.0	-40.0
					74712	COGENGT4	13.8	78.0	38.0	-40.0
					74713	COGENGT5	13.8	78.0	38.0	-40.0
					74714	COGENST1	13.8	85.0	65.0	-20.0
					74907	NRTPTG2	22.0	380.0	340.0	-40.0
					74908	NRTPTG3	22.0	360.0	320.0	-40.0

LOADINGS AT OR ABOVE 100.0 %
OF RATING ARE MARKED WITH '*'

FROM		TO		CKT	TOTAL TRANS CAPAB	BASE CASE RATING A	PRE-SHIFT MW	POST-SHIFT MW	LIMIT CASE MW	DISTR. FACTOR
74650	REAC71 345	74691	S. BRONX 345	3	1971.4	715	416.9	651.4	715.0*	0.23446
74651	REAC72 345	74691	S. BRONX 345	4	1971.4	715	416.9	651.4	715.0*	0.23446
74316	DUNWODIE 345	74650	REAC71 345	SR	1971.4	715	416.9	651.4	715.0	0.23446
74316	DUNWODIE 345	74651	REAC72 345	SR	1971.4	715	416.9	651.4	715.0	0.23446
74348	SPRBROOK 345	74567	REACM51 345	SR	2179.2	774	440.1	665.8	727.1	0.22574
74348	SPRBROOK 345	74568	REACM52 345	SR	2179.2	774	440.1	665.8	727.1	0.22574
74354	W 49 ST 345	74568	REACM52 345	2	2185.8	774	-438.6	-664.4	-725.6	-0.22574
74354	W 49 ST 345	74567	REACM51 345	1	2185.8	774	-438.6	-664.4	-725.6	-0.22574
	INTERFACE I TO J				2544.0	4026	2328.8	3249.2	3498.9	0.92041
74345	RAINEY 345	74691	S. BRONX 345	4	2586.8	715	-272.6	-507.1	-570.7	-0.23446
74345	RAINEY 345	74691	S. BRONX 345	3	2586.8	715	-272.6	-507.1	-570.7	-0.23446
	INTERFACE DUNW-SOUTH P				2785.4	5421	3336.6	4336.1	4607.3	0.99955
	INTERFACE DUNW-SOUTH O				2803.6	4554	2617.9	3538.3	3788.0	0.92041
74484	GRENWOOD 138	74504	KENTTAP 138	1	2838.8	179	-114.7	-144.7	-152.9	-0.03009
74484	GRENWOOD 138	74556	VERNON-E 138	1	2928.2	179	-112.3	-142.2	-150.4	-0.02994
74504	KENTTAP 138	74557	VERNON-W 138	1	4160.8	179	-74.9	-105.0	-113.1	-0.03009
74316	DUNWODIE 345	75000	SHORE RD 345	1	4731.3	687	368.0	447.1	468.6	0.07914
74322	E15ST 45 345	74354	W 49 ST 345	1	4931.8	774	184.5	-42.0	-103.5	-0.22650

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2005 SUMMER PEAK, LEVEL 5 (04/01/05)

*** TLTG TRANSFER LIMIT OUTPUT FOR INTERFACE DUNW-SOUTH P ***

<- INTERFACE 'DUNW-SOUTH P' DEFINITION ->

<----- FROM ----->	<------ TO ------>	CKT	DISTR. FACTOR	PRE-SHIFT MW
74316 DUNWODIE 345	75000 SHORE RD 345	1	0.07918	368.0
74348 SPRBROOK 345	74351 TREMONT 345	1	0.00000	358.5
74349 REACBUS 345	79607 DVNPT NK 345	1	0.00000	639.8
74420 DUN NO1R 138	74533 S CREEK 138	1	0.00000	64.8
74421 DUN NO2R 138	74533 S CREEK 138	1	0.00000	64.8
74424 DUN SO1R 138	74435 E179 ST 138	1	0.00000	129.7
74650 REAC71 345	74691 S. BRONX 345	3	0.23457	416.9
74651 REAC72 345	74691 S. BRONX 345	4	0.23457	416.9
74567 REACM51 345	74354 W 49 ST 345	1	0.22584	438.6
74568 REACM52 345	74354 W 49 ST 345	2	0.22584	438.6
TOTALS FOR INTERFACE DUNW-SOUTH P			1.00000	3336.6

TOTAL TRANS CAPAB	<---------- LIMITING ELEMENT ----------> <----- FROM ----->	<------ TO ------>	CKT	DISTR. FACTOR	PRE-SHIFT MW	RATING BAS/CNT A/C	<---------- CONTINGENCY DESCRIPTION ---------->
4607.3	74650 REAC71 345	74691 S. BRONX 345	3	0.23457	416.9	715.0	BASE CASE
4607.3	74651 REAC72 345	74691 S. BRONX 345	4	0.23457	416.9	715.0	BASE CASE
4607.3	74316 DUNWODIE 345	74651 REAC72 345	SR	0.23457	416.9	715.0	BASE CASE
4607.3	74316 DUNWODIE 345	74650 REAC71 345	SR	0.23457	416.9	715.0	BASE CASE
4815.0	74348 SPRBROOK 345	74568 REACM52 345	SR	0.22584	440.1	774.0	BASE CASE
4815.0	74348 SPRBROOK 345	74567 REACM51 345	SR	0.22584	440.1	774.0	BASE CASE
4821.6	74354 W 49 ST 345	74567 REACM51 345	1	-0.22584	-438.6	774.0	BASE CASE
4821.6	74354 W 49 ST 345	74568 REACM52 345	2	-0.22584	-438.6	774.0	BASE CASE
5179.7	INTERFACE I TO J			0.92083	2328.8	4026.0	BASE CASE
5222.4	74345 RAINEY 345	74691 S. BRONX 345	4	-0.23457	-272.6	715.0	BASE CASE
5222.4	74345 RAINEY 345	74691 S. BRONX 345	3	-0.23457	-272.6	715.0	BASE CASE
5407.6	74316 DUNWODIE 345	74650 REAC71 345	SR	0.27785	505.6	1081.0	OPEN 74348 [SPRBROOK 345] TO 74568 [REACM52 345] CKT SR
							OPEN 74568 [REACM52 345] TO 74354 [W 49 ST 345] CKT 2
							OPEN 74348 [SPRBROOK 345] TO 74419 [DUN NO T 138] CKT 6
5407.6	74316 DUNWODIE 345	74650 REAC71 345	SR	0.27785	505.6	1081.0	OPEN 74348 [SPRBROOK 345] TO 74567 [REACM51 345] CKT SR
							OPEN 74567 [REACM51 345] TO 74354 [W 49 ST 345] CKT 1
							OPEN 74348 [SPRBROOK 345] TO 74419 [DUN NO T 138] CKT 6
5407.6	74316 DUNWODIE 345	74651 REAC72 345	SR	0.27785	505.6	1081.0	OPEN 74348 [SPRBROOK 345] TO 74567 [REACM51 345] CKT SR
							OPEN 74567 [REACM51 345] TO 74354 [W 49 ST 345] CKT 1
							OPEN 74348 [SPRBROOK 345] TO 74419 [DUN NO T 138] CKT 6
5407.6	74316 DUNWODIE 345	74651 REAC72 345	SR	0.27785	505.6	1081.0	OPEN 74348 [SPRBROOK 345] TO 74568 [REACM52 345] CKT SR
							OPEN 74568 [REACM52 345] TO 74354 [W 49 ST 345] CKT 2
							OPEN 74348 [SPRBROOK 345] TO 74419 [DUN NO T 138] CKT 6
5407.7	74651 REAC72 345	74691 S. BRONX 345	4	0.27785	505.6	1081.0	OPEN 74348 [SPRBROOK 345] TO 74568 [REACM52 345] CKT SR
							OPEN 74568 [REACM52 345] TO 74354 [W 49 ST 345] CKT 2
							OPEN 74348 [SPRBROOK 345] TO 74419 [DUN NO T 138] CKT 6
5407.7	74650 REAC71 345	74691 S. BRONX 345	3	0.27785	505.6	1081.0	OPEN 74348 [SPRBROOK 345] TO 74568 [REACM52 345] CKT SR
							OPEN 74568 [REACM52 345] TO 74354 [W 49 ST 345] CKT 2
							OPEN 74348 [SPRBROOK 345] TO 74419 [DUN NO T 138] CKT 6
5407.7	74651 REAC72 345	74691 S. BRONX 345	4	0.27785	505.6	1081.0	OPEN 74348 [SPRBROOK 345] TO 74567 [REACM51 345] CKT SR
							OPEN 74567 [REACM51 345] TO 74354 [W 49 ST 345] CKT 1
							OPEN 74348 [SPRBROOK 345] TO 74419 [DUN NO T 138] CKT 6

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*** TLTG TRANSFER LIMIT OUTPUT FOR INTERFACE DUNW-SOUTH O ***

<- INTERFACE 'DUNW-SOUTH O' DEFINITION ->

<----- FROM ----->	<------ TO ------>	CKT	DISTR. FACTOR	PRE-SHIFT MW
74348 SPRBROOK 345	74351 TREMONT 345	1	0.00000	358.5
74420 DUN NO1R 138	74533 S CREEK 138	1	0.00000	64.8
74421 DUN NO2R 138	74533 S CREEK 138	1	0.00000	64.8
74424 DUN SO1R 138	74435 E179 ST 138	1	0.00000	129.7
74650 REAC71 345	74691 S. BRONX 345	3	0.25474	416.9
74651 REAC72 345	74691 S. BRONX 345	4	0.25474	416.9
74567 REACM51 345	74354 W 49 ST 345	1	0.24526	438.6
74568 REACM52 345	74354 W 49 ST 345	2	0.24526	438.6
75047 L SUCSPH 138	74505 JAMAICA 138	1	0.00000	147.7
75067 V STRM P 138	74505 JAMAICA 138	1	0.00000	141.4
TOTALS FOR INTERFACE DUNW-SOUTH O			1.00000	2617.9

TOTAL TRANS CAPAB	<---------- LIMITING ELEMENT ----------> <----- FROM ----->	<------ TO ------>	CKT	DISTR. FACTOR	PRE-SHIFT MW	RATING BAS/CNT A/C	<---------- CONTINGENCY DESCRIPTION ---------->
3788.0	74650 REAC71 345	74691 S. BRONX 345	3	0.25474	416.9	715.0	BASE CASE
3788.0	74651 REAC72 345	74691 S. BRONX 345	4	0.25474	416.9	715.0	BASE CASE
3788.0	74316 DUNWODIE 345	74651 REAC72 345	SR	0.25474	416.9	715.0	BASE CASE
3788.0	74316 DUNWODIE 345	74650 REAC71 345	SR	0.25474	416.9	715.0	BASE CASE
3979.3	74348 SPRBROOK 345	74568 REACM52 345	SR	0.24526	440.1	774.0	BASE CASE
3979.3	74348 SPRBROOK 345	74567 REACM51 345	SR	0.24526	440.1	774.0	BASE CASE
3985.3	74354 W 49 ST 345	74567 REACM51 345	1	-0.24526	-438.6	774.0	BASE CASE
3985.3	74354 W 49 ST 345	74568 REACM52 345	2	-0.24526	-438.6	774.0	BASE CASE
4315.1	INTERFACE I TO J			1.00000	2328.8	4026.0	BASE CASE
4354.4	74345 RAINEY 345	74691 S. BRONX 345	4	-0.25474	-272.6	715.0	BASE CASE
4354.4	74345 RAINEY 345	74691 S. BRONX 345	3	-0.25474	-272.6	715.0	BASE CASE
4525.0	74316 DUNWODIE 345	74650 REAC71 345	SR	0.30174	505.6	1081.0	OPEN 74348 [SPRBROOK 345] TO 74568 [REACM52 345] CKT SR
							OPEN 74568 [REACM52 345] TO 74354 [W 49 ST 345] CKT 2
							OPEN 74348 [SPRBROOK 345] TO 74419 [DUN NO T 138] CKT 6
4525.0	74316 DUNWODIE 345	74650 REAC71 345	SR	0.30174	505.6	1081.0	OPEN 74348 [SPRBROOK 345] TO 74567 [REACM51 345] CKT SR
							OPEN 74567 [REACM51 345] TO 74354 [W 49 ST 345] CKT 1
							OPEN 74348 [SPRBROOK 345] TO 74419 [DUN NO T 138] CKT 6
4525.0	74316 DUNWODIE 345	74651 REAC72 345	SR	0.30174	505.6	1081.0	OPEN 74348 [SPRBROOK 345] TO 74567 [REACM51 345] CKT SR
							OPEN 74567 [REACM51 345] TO 74354 [W 49 ST 345] CKT 1
							OPEN 74348 [SPRBROOK 345] TO 74419 [DUN NO T 138] CKT 6
4525.0	74316 DUNWODIE 345	74651 REAC72 345	SR	0.30174	505.6	1081.0	OPEN 74348 [SPRBROOK 345] TO 74568 [REACM52 345] CKT SR
							OPEN 74568 [REACM52 345] TO 74354 [W 49 ST 345] CKT 2
							OPEN 74348 [SPRBROOK 345] TO 74419 [DUN NO T 138] CKT 6
4525.0	74651 REAC72 345	74691 S. BRONX 345	4	0.30174	505.6	1081.0	OPEN 74348 [SPRBROOK 345] TO 74568 [REACM52 345] CKT SR
							OPEN 74568 [REACM52 345] TO 74354 [W 49 ST 345] CKT 2
							OPEN 74348 [SPRBROOK 345] TO 74419 [DUN NO T 138] CKT 6
4525.0	74650 REAC71 345	74691 S. BRONX 345	3	0.30174	505.6	1081.0	OPEN 74348 [SPRBROOK 345] TO 74568 [REACM52 345] CKT SR
							OPEN 74568 [REACM52 345] TO 74354 [W 49 ST 345] CKT 2
							OPEN 74348 [SPRBROOK 345] TO 74419 [DUN NO T 138] CKT 6
4525.0	74651 REAC72 345	74691 S. BRONX 345	4	0.30174	505.6	1081.0	OPEN 74348 [SPRBROOK 345] TO 74567 [REACM51 345] CKT SR
							OPEN 74567 [REACM51 345] TO 74354 [W 49 ST 345] CKT 1
							OPEN 74348 [SPRBROOK 345] TO 74419 [DUN NO T 138] CKT 6

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2005 SUMMER PEAK, LEVEL 5 (04/01/05)

*** TLTG TRANSFER LIMIT OUTPUT FOR INTERFACE I TO J ***

<- INTERFACE 'I TO J ' DEFINITION ->

<----- FROM ----->	<------ TO ------>	CKT	DISTR. FACTOR	PRE-SHIFT MW
74348 SPRBROOK 345	74351 TREMONT 345	1	0.00000	358.5
74420 DUN NO1R 138	74533 S CREEK 138	1	0.00000	64.8
74421 DUN NO2R 138	74533 S CREEK 138	1	0.00000	64.8
74424 DUN SO1R 138	74435 E179 ST 138	1	0.00000	129.7
74650 REAC71 345	74691 S. BRONX 345	3	0.25474	416.9
74651 REAC72 345	74691 S. BRONX 345	4	0.25474	416.9
74567 REACM51 345	74354 W 49 ST 345	1	0.24526	438.6
74568 REACM52 345	74354 W 49 ST 345	2	0.24526	438.6
TOTALS FOR INTERFACE I TO J			1.00000	2328.8

TOTAL TRANS CAPAB	<---------- LIMITING ELEMENT ----------> <----- FROM ----->	<------ TO ------>	CKT	DISTR. FACTOR	PRE-SHIFT MW	RATING BAS/CNT A/C	<---------- CONTINGENCY DESCRIPTION ---------->
3498.9	74650 REAC71 345	74691 S. BRONX 345	3	0.25474	416.9	715.0	BASE CASE
3498.9	74651 REAC72 345	74691 S. BRONX 345	4	0.25474	416.9	715.0	BASE CASE
3498.9	74316 DUNWODIE 345	74651 REAC72 345	SR	0.25474	416.9	715.0	BASE CASE
3498.9	74316 DUNWODIE 345	74650 REAC71 345	SR	0.25474	416.9	715.0	BASE CASE
3690.2	74348 SPRBROOK 345	74568 REACM52 345	SR	0.24526	440.1	774.0	BASE CASE
3690.2	74348 SPRBROOK 345	74567 REACM51 345	SR	0.24526	440.1	774.0	BASE CASE
3696.3	74354 W 49 ST 345	74567 REACM51 345	1	-0.24526	-438.6	774.0	BASE CASE
3696.3	74354 W 49 ST 345	74568 REACM52 345	2	-0.24526	-438.6	774.0	BASE CASE
4026.0	INTERFACE I TO J			1.00000	2328.8	4026.0	BASE CASE
4065.3	74345 RAINEY 345	74691 S. BRONX 345	4	-0.25474	-272.6	715.0	BASE CASE
4065.3	74345 RAINEY 345	74691 S. BRONX 345	3	-0.25474	-272.6	715.0	BASE CASE
4235.9	74316 DUNWODIE 345	74650 REAC71 345	SR	0.30174	505.6	1081.0	OPEN 74348 [SPRBROOK 345] TO 74568 [REACM52 345] CKT SR
							OPEN 74568 [REACM52 345] TO 74354 [W 49 ST 345] CKT 2
							OPEN 74348 [SPRBROOK 345] TO 74419 [DUN NO T 138] CKT 6
4235.9	74316 DUNWODIE 345	74650 REAC71 345	SR	0.30174	505.6	1081.0	OPEN 74348 [SPRBROOK 345] TO 74567 [REACM51 345] CKT SR
							OPEN 74567 [REACM51 345] TO 74354 [W 49 ST 345] CKT 1
							OPEN 74348 [SPRBROOK 345] TO 74419 [DUN NO T 138] CKT 6
4235.9	74316 DUNWODIE 345	74651 REAC72 345	SR	0.30174	505.6	1081.0	OPEN 74348 [SPRBROOK 345] TO 74567 [REACM51 345] CKT SR
							OPEN 74567 [REACM51 345] TO 74354 [W 49 ST 345] CKT 1
							OPEN 74348 [SPRBROOK 345] TO 74419 [DUN NO T 138] CKT 6
4235.9	74316 DUNWODIE 345	74651 REAC72 345	SR	0.30174	505.6	1081.0	OPEN 74348 [SPRBROOK 345] TO 74568 [REACM52 345] CKT SR
							OPEN 74568 [REACM52 345] TO 74354 [W 49 ST 345] CKT 2
							OPEN 74348 [SPRBROOK 345] TO 74419 [DUN NO T 138] CKT 6
4235.9	74651 REAC72 345	74691 S. BRONX 345	4	0.30174	505.6	1081.0	OPEN 74348 [SPRBROOK 345] TO 74568 [REACM52 345] CKT SR
							OPEN 74568 [REACM52 345] TO 74354 [W 49 ST 345] CKT 2
							OPEN 74348 [SPRBROOK 345] TO 74419 [DUN NO T 138] CKT 6
4235.9	74650 REAC71 345	74691 S. BRONX 345	3	0.30174	505.6	1081.0	OPEN 74348 [SPRBROOK 345] TO 74568 [REACM52 345] CKT SR
							OPEN 74568 [REACM52 345] TO 74354 [W 49 ST 345] CKT 2
							OPEN 74348 [SPRBROOK 345] TO 74419 [DUN NO T 138] CKT 6
4235.9	74651 REAC72 345	74691 S. BRONX 345	4	0.30174	505.6	1081.0	OPEN 74348 [SPRBROOK 345] TO 74567 [REACM51 345] CKT SR
							OPEN 74567 [REACM51 345] TO 74354 [W 49 ST 345] CKT 1
							OPEN 74348 [SPRBROOK 345] TO 74419 [DUN NO T 138] CKT 6
4235.9	74650 REAC71 345	74691 S. BRONX 345	3	0.30174	505.6	1081.0	OPEN 74348 [SPRBROOK 345] TO 74567 [REACM51 345] CKT SR
							OPEN 74567 [REACM51 345] TO 74354 [W 49 ST 345] CKT 1
							OPEN 74348 [SPRBROOK 345] TO 74419 [DUN NO T 138] CKT 6

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*** TLTG EXPORT LIMIT OUTPUT FOR BASE CASE ***

DISTRIBUTION FACTOR FILE: C:\NYISO\CRPP4\li.dfx
SUBSYSTEM DESCRIPTION FILE: C:\NYISO\CRPP\sysli.sub
MONITORED ELEMENT FILE: C:\NYISO\CRPP\monli.mon
CONTINGENCY DESCRIPTION FILE: C:\NYISO\CRPP\contli.con

	PRE-SHIFT	DELTA	POST-SHIFT
STUDY SYSTEM MW GENERATION:	4486.7	1000.0	5486.7
OPPOSING SYSTEM MW GENERATION:	1386.0	-1000.0	386.0
STUDY SYSTEM NET INTERCHANGE:	4438.1	1000.0	5438.1

STUDY SYSTEM					OPPOSING SYSTEM				
		GENERATOR MW					GENERATOR MW		
BUS	BUS NAME	BASE	SHIFT	CHANGE	BUS	BUS NAME	BASE	SHIFT	CHANGE
74190	ROSE GN124.0	666.7	843.2	176.5	74900	BARETG1 20.0	176.0	-4.0	-180.0
74302	ER G7 13.2	166.0	224.8	58.8	74907	NRTPTG2 22.0	380.0	140.0	-240.0
74700	AK 3 22.0	491.0	608.6	117.6	74908	NRTPTG3 22.0	360.0	120.0	-240.0
74705	AST 4 20.0	467.9	526.8	58.8	74909	NRTPTG4 22.0	380.0	140.0	-240.0
74706	AST 5 20.0	361.0	478.6	117.6	79571	NYPA108 13.8	90.0	-10.0	-100.0
74707	RAV 1 20.0	385.0	561.5	176.5					
79390	BOW2 20.0	592.0	886.1	294.1					

LOADINGS AT OR ABOVE 100.0 %
OF RATING ARE MARKED WITH '*'

FROM		TO		CKT	TOTAL TRANS CAPAB	BASE CASE RATING A	BASE CASE PRE-SHIFT MW	BASE CASE POST-SHIFT MW	LIMIT CASE MW	DISTR. FACTOR
75000	SHORE RD 345	74316	DUNWODIE 345	1	4757.4	687	-368.0	-1367.*	-687.0*	-0.99911
74557	VERNON-W 138	74707	RAV 1 20.0	1	5088.0	259	-201.4	-290.0*	-229.7	-0.08863
74402	ASTE-WRG 138	74705	AST 4 20.0	1	5292.9	259	-233.9	-263.3*	-243.3	-0.02941
74556	VERNON-E 138	74707	RAV 1 20.0	2	5296.4	259	-183.6	-271.4*	-211.6	-0.08784
74332	FR KILLS 345	74700	AK 3 22.0	1	5296.5	592	-491.0	-608.7*	-528.6	-0.11765
74384	ASTE-ERG 138	74705	AST 4 20.0	2	5345.2	259	-232.3	-261.7*	-241.7	-0.02942
	INTERFACE LI IMPORT				5381.4	2746	1803.5	2802.6*	2122.5	0.99911
75030	GLNWD NO 138	75163	GLNWD NO69.0	1	5526.2	118	53.8	112.8	72.7	0.05897
75031	GLNWD SO 138	75164	GLNWD SO69.0	1	5539.9	118	63.5	113.0	79.3	0.04944
	INTERFACE CE/LI TIES				5621.6	1900	717.5	1716.6	1036.6	0.99911
74402	ASTE-WRG 138	74706	AST 5 20.0	1	5765.6	259	-180.9	-239.7	-199.7	-0.05882
74384	ASTE-ERG 138	74706	AST 5 20.0	2	5779.6	259	-180.1	-238.9	-198.9	-0.05883
	INTERFACE LI EXPORT				5987.8	2366	-817.7	-1817.	-1137.	-0.99911
75046	L SUCS 138	75180	LKE SCSS69.0	1	6141.1	239	107.3	184.6	132.0	0.07734
75046	L SUCS 138	75180	LKE SCSS69.0	2	6431.5	239	98.0	168.8	120.6	0.07071
74324	E15ST 47 345	74632	E RIVER 69.0	17	6610.9	240	-112.2	-171.0	-131.0	-0.05882
75039	ELWOOD 1 138	75156	ELWOOD 69.0	1	9334.2	114	53.5	19.3	42.6	-0.03422
75063	SYOSSET 138	75224	SYOSSET 69.0	1	10213.5	239	121.8	59.3	101.8	-0.06247
75073	NEWBRG-2 138	75192	NEWBRGE269.0	1	11013.7	120	73.2	43.8	63.8	-0.02938
75042	GRENLAWN 138	75166	GRENLAWN69.0	1	11181.4	114	56.8	31.4	48.7	-0.02532
74691	S. BRONX 345	74650	REAC71 345	3	12636.3	715	-416.9	-278.9	-372.8	0.13807
74691	S. BRONX 345	74651	REAC72 345	4	12636.3	715	-416.9	-278.9	-372.8	0.13807

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*** TLTG TRANSFER LIMIT OUTPUT FOR INTERFACE LI IMPORT ***

<- INTERFACE 'LI IMPORT ' DEFINITION ->

<----- FROM ----->	<------ TO ------>	CKT	DISTR. FACTOR	PRE-SHIFT MW
74316 DUNWODIE 345	75000 SHORE RD 345	1	1.00000	368.0
79607 DVNPT NK 345	75004 HMP HRBR 345	1	0.00000	638.6
74505 JAMAICA 138	75047 L SUCSPH 138	1	0.00000	-147.7
74505 JAMAICA 138	75067 V STRM P 138	1	0.00000	-141.4
73166 NORHR138 138	75053 NRTHPT P 138	1	0.00000	100.1
75078 SHMHVDCL 192	75062 SHOREHAM 138	1	0.00000	329.5
74959 NEPTCONV 345	74958 NWBRG 345	1	0.00000	656.3
TOTALS FOR INTERFACE LI IMPORT			1.00000	1803.5

TOTAL TRANS CAPAB	<---------- LIMITING ELEMENT ----------> FROM ----->	TO ------>	CKT	DISTR. FACTOR	PRE-SHIFT MW	RATING BAS/CNT A/C	<---------- CONTINGENCY DESCRIPTION ---------->
-271.7	74402 ASTE-WRG 138	74705 AST 4 20.0	1	-0.05888	-466.2	344.0	OPEN 74384 [ASTE-ERG 138] TO 74705 [AST 4 20.0] CKT 2
-271.7	74384 ASTE-ERG 138	74705 AST 4 20.0	2	-0.05888	-466.2	344.0	OPEN 74402 [ASTE-WRG 138] TO 74705 [AST 4 20.0] CKT 1
1659.1	74402 ASTE-WRG 138	74706 AST 5 20.0	1	-0.11775	-361.0	344.0	OPEN 74384 [ASTE-ERG 138] TO 74706 [AST 5 20.0] CKT 2
1659.1	74384 ASTE-ERG 138	74706 AST 5 20.0	2	-0.11775	-361.0	344.0	OPEN 74402 [ASTE-WRG 138] TO 74706 [AST 5 20.0] CKT 1
1809.1	74556 VERNON-E 138	74707 RAV 1 20.0	2	-0.17663	-385.0	386.0	OPEN 74557 [VERNON-W 138] TO 74707 [RAV 1 20.0] CKT 1
1809.1	74557 VERNON-W 138	74707 RAV 1 20.0	1	-0.17663	-385.0	386.0	OPEN 74556 [VERNON-E 138] TO 74707 [RAV 1 20.0] CKT 2
2122.5	75000 SHORE RD 345	74316 DUNWODIE 345	1	-1.00000	-368.0	687.0	BASE CASE
2452.8	74557 VERNON-W 138	74707 RAV 1 20.0	1	-0.08871	-201.4	259.0	BASE CASE
2619.1	75000 SHORE RD 345	74316 DUNWODIE 345	1	-1.00000	-696.4	1512.0	OPEN 79607 [DVNPT NK 345] TO 75004 [HMP HRBR 345] CKT 1
2657.6	74402 ASTE-WRG 138	74705 AST 4 20.0	1	-0.02943	-233.9	259.0	BASE CASE
2661.1	74556 VERNON-E 138	74707 RAV 1 20.0	2	-0.08792	-183.6	259.0	BASE CASE
2661.2	74332 FR KILLS 345	74700 AK 3 22.0	1	-0.11775	-491.0	592.0	BASE CASE
2709.8	74384 ASTE-ERG 138	74705 AST 4 20.0	2	-0.02944	-232.3	259.0	BASE CASE
2746.0	INTERFACE LI IMPORT			1.00000	1803.5	2746.0	BASE CASE
2831.1	75000 SHORE RD 345	74316 DUNWODIE 345	1	-1.00000	-484.4	1512.0	OPEN 75038 [E.G.C. 138] TO 75002 [E.G.C.-1 345] CKT 1
2831.2	75000 SHORE RD 345	74316 DUNWODIE 345	1	-1.00000	-484.2	1512.0	OPEN 75074 [E.G.C.-2 138] TO 75003 [E.G.C.-2 345] CKT 1
2832.0	*75000 SHORE RD 345	74316 DUNWODIE 345	1	-0.99903	-484.5	1512.0	OPEN 75038 [E.G.C. 138] TO 75050 [NEWBRGE 138] CKT 1
							OPEN 75038 [E.G.C. 138] TO 75002 [E.G.C.-1 345] CKT 1
2890.6	75030 GLNWD NO 138	75163 GLNWD NO69.0	1	0.05902	53.8	118.0	BASE CASE
2904.3	75031 GLNWD SO 138	75164 GLNWD SO69.0	1	0.04948	63.5	118.0	BASE CASE
2986.0	INTERFACE CE/LI TIES			1.00000	717.5	1900.0	BASE CASE
3002.6	75030 GLNWD NO 138	75163 GLNWD NO69.0	1	0.09244	54.1	165.0	OPEN 75031 [GLNWD SO 138] TO 75041 [SHORE RD 138] CKT 1
3063.6	75031 GLNWD SO 138	75164 GLNWD SO69.0	1	0.08009	64.1	165.0	OPEN 75030 [GLNWD NO 138] TO 75041 [SHORE RD 138] CKT 1
3121.3	75030 GLNWD NO 138	75163 GLNWD NO69.0	1	0.08200	56.9	165.0	OPEN 75038 [E.G.C. 138] TO 75060 [ROSLYN 138] CKT 1
							OPEN 75038 [E.G.C. 138] TO 75002 [E.G.C.-1 345] CKT 1
3129.8	74402 ASTE-WRG 138	74706 AST 5 20.0	1	-0.05887	-180.9	259.0	BASE CASE
3143.8	74384 ASTE-ERG 138	74706 AST 5 20.0	2	-0.05888	-180.1	259.0	BASE CASE
3211.8	75030 GLNWD NO 138	75163 GLNWD NO69.0	1	0.08086	51.1	165.0	OPEN 75029 [GLNWD GT 138] TO 75030 [GLNWD NO 138] CKT 1
3211.9	*75030 GLNWD NO 138	75163 GLNWD NO69.0	1	0.08086	51.1	165.0	OPEN 75029 [GLNWD GT 138] TO 75060 [ROSLYN 138] CKT 1
3336.1	75031 GLNWD SO 138	75164 GLNWD SO69.0	1	0.06425	66.5	165.0	OPEN 75038 [E.G.C. 138] TO 75060 [ROSLYN 138] CKT 1
							OPEN 75038 [E.G.C. 138] TO 75002 [E.G.C.-1 345] CKT 1
3339.2	75031 GLNWD SO 138	75164 GLNWD SO69.0	1	0.06800	60.6	165.0	OPEN 75031 [GLNWD SO 138] TO 75037 [CARLE PL 138] CKT 1
3351.8	INTERFACE LI EXPORT			-1.00000	-817.7	2366.0	BASE CASE
3359.2	74557 VERNON-W 138	74707 RAV 1 20.0	1	-0.10585	-221.3	386.0	OPEN 74611 [8E DUM 138] TO 74345 [RAINEY 345] CKT 8
3391.4	*75031 GLNWD SO 138	75164 GLNWD SO69.0	1	0.05864	71.9	165.0	OPEN 75030 [GLNWD NO 138] TO 75163 [GLNWD NO69.0] CKT 1
3411.3	74557 VERNON-W 138	74707 RAV 1 20.0	1	-0.10585	-215.8	386.0	OPEN 74530 [RAINEY8E 138] TO 74556 [VERNON-E 138] CKT 1

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*** TLTG EXPORT LIMIT OUTPUT FOR BASE CASE ***

DISTRIBUTION FACTOR FILE: C:\NYISO\CRPP4\de.dfx
SUBSYSTEM DESCRIPTION FILE: C:\NYISO\CRPP\sysde.sub
MONITORED ELEMENT FILE: C:\NYISO\CRPP\monde.mon
CONTINGENCY DESCRIPTION FILE: C:\NYISO\CRPP\contde.con

	PRE-SHIFT	DELTA	POST-SHIFT
STUDY SYSTEM MW GENERATION:	1222.9	1000.0	2222.9
OPPOSING SYSTEM MW GENERATION:	4590.0	-1000.0	3590.0
STUDY SYSTEM NET INTERCHANGE:	1204.4	1000.0	2204.4

STUDY SYSTEM				OPPOSING SYSTEM				
		GENERATOR MW				GENERATOR MW		
BUS	BUS NAME	BASE	SHIFT	CHANGE	BUS	BUS NAME	BASE	SHIFT	CHANGE
80900	LAKEVWG518.0	211.9	545.2	333.3	74190	ROSE GN124.0	738.3	658.3	-80.0
81422	LENNOXG220.0	505.5	838.8	333.3	74702	RAV 3 22.0	972.0	712.0	-260.0
81425	LENNOXG420.0	505.5	838.8	333.3	74703	AK 2 20.0	334.0	254.0	-80.0
					74705	AST 4 20.0	575.6	495.6	-80.0
					74907	NRTPTG2 22.0	380.0	280.0	-100.0
					74908	NRTPTG3 22.0	360.0	260.0	-100.0
					79390	BOW2 20.0	592.0	472.0	-120.0
					79538	POLETGT218.0	222.0	162.0	-60.0
					79539	POLETSTG18.0	194.0	134.0	-60.0
					79540	POLETGT118.0	222.0	162.0	-60.0

LOADINGS AT OR ABOVE 100.0 %
OF RATING ARE MARKED WITH '*'

<----- FROM ----->	<------ TO ------>	CKT	TOTAL TRANS CAPAB	BASE CASE RATING A	BASE CASE PRE-SHIFT MW	BASE CASE POST-SHIFT MW	LIMIT CASE MW	DISTR. FACTOR
75465 HINMN115 115	76261 HARIS115 115	1	2156.2	238	-205.5	-239.6*	-238.0*	-0.03413
75414 MEYER230 230	75417 STOLE230 230	1	2746.2	430	-259.7	-370.2	-364.8	-0.11045
76702 LOCKPORT 115	77126 TELRDTP1 115	1	2903.0	144	97.0	124.7	123.3	0.02770
75465 HINMN115 115	76702 LOCKPORT 115	1	2962.5	238	176.2	211.4	209.7	0.03513
76702 LOCKPORT 115	77101 SHEL-113 115	1	3049.6	144	91.1	119.8	118.4	0.02865
76702 LOCKPORT 115	77122 SOUR-111 115	1	3068.7	131	80.6	107.6	106.3	0.02705
79584 NIAG 345 345	79800 ROCH 345 345	1	3145.8	1301	601.3	961.7	944.3	0.36040
77122 SOUR-111 115	77123 SWDN-111 115	1	3226.5	131	76.3	103.4	102.1	0.02705
77101 SHEL-113 115	77124 SWDN-113 115	1	3404.9	144	80.9	109.6	108.2	0.02868
77400 CLAY 345	78450 EDIC 345	2	3415.7	1033	611.6	802.2	793.0	0.19055
77109 LAPPINS1 115	77116 NLEROYTA 115	1	3421.0	139	75.5	104.2	102.8	0.02864
75426 BORDR115 115	77447 FRMGTN-4 115	1	3423.2	150	-77.0	-109.9	-108.3	-0.03292
77400 CLAY 345	78450 EDIC 345	1	3433.3	1033	609.7	799.6	790.5	0.18992
77110 LAWLER-1 115	77111 MORTIMER 115	1	3474.3	129	-71.5	-96.8	-95.6	-0.02532
75405 OAKDL345 345	75403 FRASR345 345	1	3474.6	1255	656.7	920.2	907.5	0.26356
77100 SOUR-114 115	77111 MORTIMER 115	1	3490.7	129	62.1	91.4	89.9	0.02926
77447 FRMGTN-4 115	79825 PANNELLI 115	1	3508.1	206	-126.4	-160.9	-159.3	-0.03457
77112 MUMFORD1 115	77116 NLEROYTA 115	1	3535.0	129	-61.2	-90.3	-88.9	-0.02911
77100 SOUR-114 115	77126 TELRDTP1 115	1	3563.5	143	-73.9	-103.2	-101.8	-0.02929
INTERFACE DYSE OPEN			3623.1	3989	1965.3	2802.0	2761.6	0.83667

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*** TLTG TRANSFER LIMIT OUTPUT FOR INTERFACE DYSE OPEN ***

<- INTERFACE 'DYSE OPEN ' DEFINITION ->

<----- FROM ----->	<------ TO ------>	CKT	DISTR. FACTOR	PRE-SHIFT MW
75404 KINTI345 345	79800 ROCH 345 345	1	0.29379	640.2
79584 NIAG 345 345	79800 ROCH 345 345	1	0.43076	601.3
75417 STOLE230 230	75414 MEYER230 230	1	0.13201	259.7
75994 PALMT115 115	75992 BENET115 115	1	0.00000	-6.9
76702 LOCKPORT 115	77125 TELRDTP1 115	1	0.01542	79.1
76702 LOCKPORT 115	77115 NAKR-108 115	1	0.01299	56.5
76702 LOCKPORT 115	77117 OAKFLDTP 115	1	0.01534	66.6
76702 LOCKPORT 115	77122 SOUR-111 115	1	0.03232	80.6
76702 LOCKPORT 115	77101 SHEL-113 115	1	0.03425	91.1
76702 LOCKPORT 115	77126 TELRDTP1 115	1	0.03310	97.0
TOTALS FOR INTERFACE DYSE OPEN			1.00000	1965.3

TOTAL TRANS CAPAB	<---------- LIMITING ELEMENT ----------> <----- FROM ----->	<------ TO ------>	CKT	DISTR. FACTOR	PRE-SHIFT MW	RATING BAS/CNT A/C	<---------- CONTINGENCY DESCRIPTION ---------->
1812.0	76660 ELM-70 230	76837 ELMST23.23.0	1	0.02625	100.0	96.0	OPEN 76664 [HUNTLEY2 230] TO 76556 [SAWYER79 230] CKT 1
							OPEN 76556 [SAWYER79 230] TO 76668 [SUNY-79 230] CKT 1
							OPEN 76664 [HUNTLEY2 230] TO 76555 [SAWYER80 230] CKT 1
							OPEN 76555 [SAWYER80 230] TO 76669 [SUNY-80 230] CKT 1
2468.1	75476 MEYER115 115	75995 S.PER115 115	1	-0.02792	-90.0	104.0	OPEN 75412 [GARDV230 230] TO 75417 [STOLE230 230] CKT 1
							OPEN 75416 [ROBIN230 230] TO 75417 [STOLE230 230] CKT 1
							OPEN 75417 [STOLE230 230] TO 75414 [MEYER230 230] CKT 1
2521.7	75476 MEYER115 115	75995 S.PER115 115	1	-0.02778	-88.5	104.0	OPEN 75417 [STOLE230 230] TO 75414 [MEYER230 230] CKT 1
2550.4	75476 MEYER115 115	75995 S.PER115 115	1	-0.02997	-86.5	104.0	OPEN 75417 [STOLE230 230] TO 75414 [MEYER230 230] CKT 1
							OPEN 75406 [STOLE345 345] TO 479 [HOMER CY 345] CKT 1
2628.0	76527 FALCONER 115	281 WARREN 115	1	0.05121	48.1	82.0	OPEN 361 [ERIE E 230] TO 76501 [S RIPLEY 230] CKT 1
							OPEN 383 [E.SAYRE 115] TO 75486 [N.WAV115 115] CKT 1
2761.6	75465 HINMN115 115	76261 HARIS115 115	1	-0.04079	-205.5	238.0	BASE CASE
2866.1	77103 BATAVIA1 115	77121 SENECAP 115	1	0.05101	113.1	159.0	OPEN 79800 [ROCH 345 345] TO 79584 [NIAG 345 345] CKT 1
							OPEN 79800 [ROCH 345 345] TO 79819 [S80 1TR 115] CKT 1
2882.4	77103 BATAVIA1 115	77121 SENECAP 115	1	0.05074	112.5	159.0	OPEN 79800 [ROCH 345 345] TO 79584 [NIAG 345 345] CKT 1
							OPEN 79592 [NIAGAR2W 230] TO 79584 [NIAG 345 345] CKT 1
2886.8	75465 HINMN115 115	76261 HARIS115 115	1	-0.05920	-251.4	306.0	OPEN 75412 [GARDV230 230] TO 75417 [STOLE230 230] CKT 1
							OPEN 75416 [ROBIN230 230] TO 75417 [STOLE230 230] CKT 1
							OPEN 75417 [STOLE230 230] TO 75414 [MEYER230 230] CKT 1
2896.5	77103 BATAVIA1 115	77121 SENECAP 115	1	0.05122	111.3	159.0	OPEN 79584 [NIAG 345 345] TO 79800 [ROCH 345 345] CKT 1
2911.9	77103 BATAVIA1 115	77121 SENECAP 115	1	0.05070	111.0	159.0	OPEN 79801 [PANNELL3 345] TO 79800 [ROCH 345 345] CKT 2
							OPEN 79800 [ROCH 345 345] TO 79584 [NIAG 345 345] CKT 1
2912.3	75405 OAKDL345 345	75403 FRASR345 345	1	0.38145	1018.8	1380.0	OPEN 78450 [EDIC 345] TO 75403 [FRASR345 345] CKT 1
							OPEN 79583 [MARCY T1 345] TO 75400 [COOPC345 345] CKT 1
2925.4	76527 FALCONER 115	281 WARREN 115	1	0.05176	32.3	82.0	OPEN 76500 [DUNKIRK 230] TO 76501 [S RIPLEY 230] CKT 1
2933.5	75465 HINMN115 115	76261 HARIS115 115	1	-0.05829	-249.6	306.0	OPEN 75416 [ROBIN230 230] TO 75417 [STOLE230 230] CKT 1
2983.7	76527 FALCONER 115	281 WARREN 115	1	0.04996	31.1	82.0	OPEN 76663 [GRDNVL2 230] TO 76500 [DUNKIRK 230] CKT 1
							OPEN 76500 [DUNKIRK 230] TO 76523 [DUNKIRK1 115] CKT 1
							OPEN 76500 [DUNKIRK 230] TO 76501 [S RIPLEY 230] CKT 1
3002.0	76702 LOCKPORT 115	77122 SOUR-111 115	1	0.04997	107.2	159.0	OPEN 79800 [ROCH 345 345] TO 79584 [NIAG 345 345] CKT 1
							OPEN 79800 [ROCH 345 345] TO 79819 [S80 1TR 115] CKT 1

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*** TLTG TRANSFER LIMIT OUTPUT FOR INTERFACE DYSE OPEN ***

TOTAL TRANS CAPAB	LIMITING ELEMENT FROM	LIMITING ELEMENT TO	CKT	DISTR. FACTOR	PRE-SHIFT MW	RATING BAS/CNT A/C	CONTINGENCY DESCRIPTION
3015.1	75465 HINMN115 115	76261 HARIS115 115	1	-0.06334	-239.5	306.0	OPEN 79800 [ROCH 345 345] TO 79584 [NIAG 345 345] CKT 1
							OPEN 79800 [ROCH 345 345] TO 79819 [S80 1TR 115] CKT 1
3019.0	76702 LOCKPORT 115	77122 SOUR-111 115	1	0.04970	106.6	159.0	OPEN 79800 [ROCH 345 345] TO 79584 [NIAG 345 345] CKT 1
							OPEN 79592 [NIAGAR2W 230] TO 79584 [NIAG 345 345] CKT 1
3030.0	*75465 HINMN115 115	76261 HARIS115 115	1	-0.06292	-239.0	306.0	OPEN 79800 [ROCH 345 345] TO 79584 [NIAG 345 345] CKT 1
							OPEN 79592 [NIAGAR2W 230] TO 79584 [NIAG 345 345] CKT 1
3031.8	76702 LOCKPORT 115	77122 SOUR-111 115	1	0.05017	105.5	159.0	OPEN 79584 [NIAG 345 345] TO 79800 [ROCH 345 345] CKT 1
3048.6	76702 LOCKPORT 115	77122 SOUR-111 115	1	0.04966	105.2	159.0	OPEN 79801 [PANNELL3 345] TO 79800 [ROCH 345 345] CKT 2
							OPEN 79800 [ROCH 345 345] TO 79584 [NIAG 345 345] CKT 1
3055.5	76702 LOCKPORT 115	77126 TELRDTP1 115	1	0.05117	124.2	180.0	OPEN 79800 [ROCH 345 345] TO 79584 [NIAG 345 345] CKT 1
							OPEN 79800 [ROCH 345 345] TO 79819 [S80 1TR 115] CKT 1
3072.7	76702 LOCKPORT 115	77126 TELRDTP1 115	1	0.05090	123.6	180.0	OPEN 79800 [ROCH 345 345] TO 79584 [NIAG 345 345] CKT 1
							OPEN 79592 [NIAGAR2W 230] TO 79584 [NIAG 345 345] CKT 1
3085.0	76702 LOCKPORT 115	77126 TELRDTP1 115	1	0.05138	122.5	180.0	OPEN 79584 [NIAG 345 345] TO 79800 [ROCH 345 345] CKT 1
3087.5	77122 SOUR-111 115	77123 SWDN-111 115	1	0.04997	102.9	159.0	OPEN 79800 [ROCH 345 345] TO 79584 [NIAG 345 345] CKT 1
							OPEN 79800 [ROCH 345 345] TO 79819 [S80 1TR 115] CKT 1
3091.7	75469 KATEL115 115	75467 JENN 115 115	1	0.03872	115.4	159.0	OPEN 75405 [OAKDL345 345] TO 75403 [FRASR345 345] CKT 1
3095.8	*77103 BATAVIA1 115	77121 SENECAP 115	1	0.04318	110.2	159.0	OPEN 75404 [KINTI345 345] TO 79800 [ROCH 345 345] CKT 1
							OPEN 79800 [ROCH 345 345] TO 79819 [S80 1TR 115] CKT 1
3102.4	76702 LOCKPORT 115	77126 TELRDTP1 115	1	0.05086	122.2	180.0	OPEN 79801 [PANNELL3 345] TO 79800 [ROCH 345 345] CKT 2
							OPEN 79800 [ROCH 345 345] TO 79584 [NIAG 345 345] CKT 1
3104.9	77122 SOUR-111 115	77123 SWDN-111 115	1	0.04970	102.4	159.0	OPEN 79800 [ROCH 345 345] TO 79584 [NIAG 345 345] CKT 1
							OPEN 79592 [NIAGAR2W 230] TO 79584 [NIAG 345 345] CKT 1
3111.4	76702 LOCKPORT 115	77101 SHEL-113 115	1	0.05294	119.3	180.0	OPEN 79800 [ROCH 345 345] TO 79584 [NIAG 345 345] CKT 1
							OPEN 79800 [ROCH 345 345] TO 79819 [S80 1TR 115] CKT 1
3114.0	77100 SOUR-114 115	77111 MORTIMER 115	1	0.05407	90.9	153.0	OPEN 79800 [ROCH 345 345] TO 79584 [NIAG 345 345] CKT 1
							OPEN 79800 [ROCH 345 345] TO 79819 [S80 1TR 115] CKT 1
3116.9	77122 SOUR-111 115	77123 SWDN-111 115	1	0.05017	101.2	159.0	OPEN 79584 [NIAG 345 345] TO 79800 [ROCH 345 345] CKT 1
3128.9	76702 LOCKPORT 115	77101 SHEL-113 115	1	0.05266	118.7	180.0	OPEN 79800 [ROCH 345 345] TO 79584 [NIAG 345 345] CKT 1
							OPEN 79592 [NIAGAR2W 230] TO 79584 [NIAG 345 345] CKT 1
3131.5	77100 SOUR-114 115	77111 MORTIMER 115	1	0.05378	90.3	153.0	OPEN 79800 [ROCH 345 345] TO 79584 [NIAG 345 345] CKT 1
							OPEN 79592 [NIAGAR2W 230] TO 79584 [NIAG 345 345] CKT 1
3134.6	77122 SOUR-111 115	77123 SWDN-111 115	1	0.04966	100.9	159.0	OPEN 79801 [PANNELL3 345] TO 79800 [ROCH 345 345] CKT 2
							OPEN 79800 [ROCH 345 345] TO 79584 [NIAG 345 345] CKT 1
3140.7	76702 LOCKPORT 115	77101 SHEL-113 115	1	0.05316	117.5	180.0	OPEN 79584 [NIAG 345 345] TO 79800 [ROCH 345 345] CKT 1
3143.3	77100 SOUR-114 115	77111 MORTIMER 115	1	0.05429	89.0	153.0	OPEN 79584 [NIAG 345 345] TO 79800 [ROCH 345 345] CKT 1
3158.6	76702 LOCKPORT 115	77101 SHEL-113 115	1	0.05262	117.2	180.0	OPEN 79801 [PANNELL3 345] TO 79800 [ROCH 345 345] CKT 2
							OPEN 79800 [ROCH 345 345] TO 79584 [NIAG 345 345] CKT 1
3161.3	77100 SOUR-114 115	77111 MORTIMER 115	1	0.05374	88.7	153.0	OPEN 79801 [PANNELL3 345] TO 79800 [ROCH 345 345] CKT 2
							OPEN 79800 [ROCH 345 345] TO 79584 [NIAG 345 345] CKT 1
3214.0	79584 NIAG 345 345	79800 ROCH 345 345	1	0.58999	948.3	1685.0	OPEN 75404 [KINTI345 345] TO 79800 [ROCH 345 345] CKT 1
3226.7	79584 NIAG 345 345	79800 ROCH 345 345	1	0.59041	940.3	1685.0	OPEN 75404 [KINTI345 345] TO 79800 [ROCH 345 345] CKT 1
							OPEN 79800 [ROCH 345 345] TO 79819 [S80 1TR 115] CKT 1
3255.3	75414 MEYER230 230	75417 STOLE230 230	1	-0.13201	-259.7	430.0	BASE CASE
3256.3	*76702 LOCKPORT 115	77122 SOUR-111 115	1	0.04230	104.4	159.0	OPEN 75404 [KINTI345 345] TO 79800 [ROCH 345 345] CKT 1
							OPEN 79800 [ROCH 345 345] TO 79819 [S80 1TR 115] CKT 1
3274.9	77109 LAPPINS1 115	77116 NLEROYTA 115	1	0.05291	103.7	173.0	OPEN 79800 [ROCH 345 345] TO 79584 [NIAG 345 345] CKT 1
							OPEN 79800 [ROCH 345 345] TO 79819 [S80 1TR 115] CKT 1

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*** TLTG TRANSFER LIMIT OUTPUT FOR INTERFACE DYSE OPEN ***

TOTAL TRANS CAPAB	LIMITING ELEMENT FROM	LIMITING ELEMENT TO	CKT	DISTR. FACTOR	PRE-SHIFT MW	RATING BAS/CNT A/C	CONTINGENCY DESCRIPTION
3276.4	79584 NIAG 345 345	79800 ROCH 345 345	1	0.57027	937.3	1685.0	OPEN 79801 [PANNELL3 345] TO 79800 [ROCH 345 345] CKT 1
							OPEN 75404 [KINTI345 345] TO 79800 [ROCH 345 345] CKT 1
3292.4	75405 OAKDL345 345	75403 FRASR345 345	1	0.36243	899.0	1380.0	OPEN 77400 [CLAY 345] TO 78450 [EDIC 345] CKT 2
							OPEN 78450 [EDIC 345] TO 75403 [FRASR345 345] CKT 1
3293.3	77109 LAPPINS1 115	77116 NLEROYTA 115	1	0.05263	103.1	173.0	OPEN 79800 [ROCH 345 345] TO 79584 [NIAG 345 345] CKT 1
							OPEN 79592 [NIAGAR2W 230] TO 79584 [NIAG 345 345] CKT 1
3303.0	77101 SHEL-113 115	77124 SWDN-113 115	1	0.05299	109.1	180.0	OPEN 79800 [ROCH 345 345] TO 79584 [NIAG 345 345] CKT 1
							OPEN 79800 [ROCH 345 345] TO 79819 [S80 1TR 115] CKT 1
3303.6	77109 LAPPINS1 115	77116 NLEROYTA 115	1	0.05313	101.9	173.0	OPEN 79584 [NIAG 345 345] TO 79800 [ROCH 345 345] CKT 1
3319.4	*76702 LOCKPORT 115	77126 TELRDTP1 115	1	0.04332	121.3	180.0	OPEN 75404 [KINTI345 345] TO 79800 [ROCH 345 345] CKT 1
							OPEN 79800 [ROCH 345 345] TO 79819 [S80 1TR 115] CKT 1
3321.5	77101 SHEL-113 115	77124 SWDN-113 115	1	0.05271	108.5	180.0	OPEN 79800 [ROCH 345 345] TO 79584 [NIAG 345 345] CKT 1
							OPEN 79592 [NIAGAR2W 230] TO 79584 [NIAG 345 345] CKT 1
3323.2	77109 LAPPINS1 115	77116 NLEROYTA 115	1	0.05259	101.6	173.0	OPEN 79801 [PANNELL3 345] TO 79800 [ROCH 345 345] CKT 2
							OPEN 79800 [ROCH 345 345] TO 79584 [NIAG 345 345] CKT 1
3331.5	77101 SHEL-113 115	77124 SWDN-113 115	1	0.05321	107.3	180.0	OPEN 79584 [NIAG 345 345] TO 79800 [ROCH 345 345] CKT 1
3350.8	77111 MORTIMER 115	77124 SWDN-113 115	1	-0.05594	-75.5	153.0	OPEN 79800 [ROCH 345 345] TO 79584 [NIAG 345 345] CKT 1
							OPEN 79800 [ROCH 345 345] TO 79819 [S80 1TR 115] CKT 1
3351.4	77101 SHEL-113 115	77124 SWDN-113 115	1	0.05267	107.0	180.0	OPEN 79801 [PANNELL3 345] TO 79800 [ROCH 345 345] CKT 2
							OPEN 79800 [ROCH 345 345] TO 79584 [NIAG 345 345] CKT 1
3352.7	75498 S.OWE115 115	75668 LOUNS115 115	1	-0.05948	-60.5	143.0	OPEN 75405 [OAKDL345 345] TO 75407 [WATRC345 345] CKT 1
3357.2	*77122 SOUR-111 115	77123 SWDN-111 115	1	0.04230	100.1	159.0	OPEN 75404 [KINTI345 345] TO 79800 [ROCH 345 345] CKT 1
							OPEN 79800 [ROCH 345 345] TO 79819 [S80 1TR 115] CKT 1
3361.9	75405 OAKDL345 345	75403 FRASR345 345	1	0.37013	863.1	1380.0	OPEN 78450 [EDIC 345] TO 75403 [FRASR345 345] CKT 1
							OPEN 75403 [FRASR345 345] TO 75455 [FRASR115 115] CKT 1
3365.9	77111 MORTIMER 115	77123 SWDN-111 115	1	-0.05310	-78.6	153.0	OPEN 79800 [ROCH 345 345] TO 79584 [NIAG 345 345] CKT 1
							OPEN 79800 [ROCH 345 345] TO 79819 [S80 1TR 115] CKT 1
3369.6	77111 MORTIMER 115	77124 SWDN-113 115	1	-0.05565	-74.9	153.0	OPEN 79800 [ROCH 345 345] TO 79584 [NIAG 345 345] CKT 1
							OPEN 79592 [NIAGAR2W 230] TO 79584 [NIAG 345 345] CKT 1
3372.8	76501 S RIPLEY 230	361 ERIE E 230	1	0.12540	322.5	499.0	OPEN 75417 [STOLE230 230] TO 75414 [MEYER230 230] CKT 1
							OPEN 75406 [STOLE345 345] TO 479 [HOMER CY 345] CKT 1
3379.1	77111 MORTIMER 115	77124 SWDN-113 115	1	-0.05617	-73.6	153.0	OPEN 79584 [NIAG 345 345] TO 79800 [ROCH 345 345] CKT 1
3384.8	77111 MORTIMER 115	77123 SWDN-111 115	1	-0.05282	-78.0	153.0	OPEN 79800 [ROCH 345 345] TO 79584 [NIAG 345 345] CKT 1
							OPEN 79592 [NIAGAR2W 230] TO 79584 [NIAG 345 345] CKT 1
3385.4	*76702 LOCKPORT 115	77101 SHEL-113 115	1	0.04482	116.4	180.0	OPEN 75404 [KINTI345 345] TO 79800 [ROCH 345 345] CKT 1
							OPEN 79800 [ROCH 345 345] TO 79819 [S80 1TR 115] CKT 1
3388.5	*77100 SOUR-114 115	77111 MORTIMER 115	1	0.04577	87.9	153.0	OPEN 75404 [KINTI345 345] TO 79800 [ROCH 345 345] CKT 1
							OPEN 79800 [ROCH 345 345] TO 79819 [S80 1TR 115] CKT 1
3393.1	77100 SOUR-114 115	77126 TELRDTP1 115	1	-0.05412	-102.7	180.0	OPEN 79800 [ROCH 345 345] TO 79584 [NIAG 345 345] CKT 1
							OPEN 79800 [ROCH 345 345] TO 79819 [S80 1TR 115] CKT 1
3393.7	75405 OAKDL345 345	75403 FRASR345 345	1	0.35094	878.7	1380.0	OPEN 78460 [PORTER 2 230] TO 78980 [ROTRDM.2 230] CKT 1
							OPEN 78450 [EDIC 345] TO 75403 [FRASR345 345] CKT 1
3394.1	75414 MEYER230 230	75417 STOLE230 230	1	-0.16517	-304.0	540.0	OPEN 79801 [PANNELL3 345] TO 79800 [ROCH 345 345] CKT 2
							OPEN 79800 [ROCH 345 345] TO 79584 [NIAG 345 345] CKT 1
3394.2	77111 MORTIMER 115	77123 SWDN-111 115	1	-0.05332	-76.8	153.0	OPEN 79584 [NIAG 345 345] TO 79800 [ROCH 345 345] CKT 1
3399.5	77111 MORTIMER 115	77124 SWDN-113 115	1	-0.05561	-73.3	153.0	OPEN 79801 [PANNELL3 345] TO 79800 [ROCH 345 345] CKT 2
							OPEN 79800 [ROCH 345 345] TO 79584 [NIAG 345 345] CKT 1

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*** TLTG TRANSFER LIMIT OUTPUT FOR INTERFACE WESTC OPEN ***

<- INTERFACE 'WESTC OPEN ' DEFINITION ->

<----- FROM ----->	<------ TO ------>	CKT	DISTR. FACTOR	PRE-SHIFT MW
79801 PANNELL3 345	77400 CLAY 345	1	0.36276	117.5
79801 PANNELL3 345	77400 CLAY 345	2	0.36394	117.9
75417 STOLE230 230	75414 MEYER230 230	1	0.13201	259.7
75994 PALMT115 115	75992 BENET115 115	1	0.00000	-6.9
79826 QUAKER 115	75892 MACDN115 115	1	0.00327	38.7
77111 MORTIMER 115	77110 LAWLER-1 115	1	0.03027	71.5
77111 MORTIMER 115	77463 LAWLER-2 115	1	0.03164	49.9
79825 PANNELLI 115	77447 FRMGTN-4 115	1	0.04132	126.4
79804 S121 B#2 115	75893 SLEIG115 115	1	0.02969	84.1
79810 STA 162 115	75995 S.PER115 115	1	0.00510	13.0
79805 CLYDE199 115	75893 SLEIG115 115	1	-0.03075	-41.7
79805 CLYDE199 115	77433 CLTNCORN 115	1	0.03075	25.0
79875 FARMNGTN34.5	77444 FARMGTN1 115	1	0.00197	-24.4
79875 FARMNGTN34.5	77447 FRMGTN-4 115	1	-0.00197	-42.4
79946 S168 12.0	77447 FRMGTN-4 115	1	0.00000	-5.2
TOTALS FOR INTERFACE WESTC OPEN			1.00000	783.0

TOTAL TRANS CAPAB	<---------- LIMITING ELEMENT ----------> <----- FROM ----->	<------ TO ------>	CKT	DISTR. FACTOR	PRE-SHIFT MW	RATING BAS/CNT A/C	<---------- CONTINGENCY DESCRIPTION ---------->
629.7	76660 ELM-70 230	76837 ELMST23.23.0	1	0.02625	100.0	96.0	OPEN 76664 [HUNTLEY2 230] TO 76556 [SAWYER79 230] CKT 1
							OPEN 76556 [SAWYER79 230] TO 76668 [SUNY-79 230] CKT 1
							OPEN 76664 [HUNTLEY2 230] TO 76555 [SAWYER80 230] CKT 1
							OPEN 76555 [SAWYER80 230] TO 76669 [SUNY-80 230] CKT 1
1285.8	75476 MEYER115 115	75995 S.PER115 115	1	-0.02792	-90.0	104.0	OPEN 75412 [GARDV230 230] TO 75417 [STOLE230 230] CKT 1
							OPEN 75416 [ROBIN230 230] TO 75417 [STOLE230 230] CKT 1
							OPEN 75417 [STOLE230 230] TO 75414 [MEYER230 230] CKT 1
1339.4	75476 MEYER115 115	75995 S.PER115 115	1	-0.02778	-88.5	104.0	OPEN 75417 [STOLE230 230] TO 75414 [MEYER230 230] CKT 1
1368.1	75476 MEYER115 115	75995 S.PER115 115	1	-0.02997	-86.5	104.0	OPEN 75417 [STOLE230 230] TO 75414 [MEYER230 230] CKT 1
							OPEN 75406 [STOLE345 345] TO 479 [HOMER CY 345] CKT 1
1445.7	76527 FALCONER 115 281	WARREN 115	1	0.05121	48.1	82.0	OPEN 361 [ERIE E 230] TO 76501 [S RIPLEY 230] CKT 1
							OPEN 383 [E.SAYRE 115] TO 75486 [N.WAV115 115] CKT 1
1579.3	75465 HINMN115 115	76261 HARIS115 115	1	-0.04079	-205.5	238.0	BASE CASE
1683.8	77103 BATAVIA1 115	77121 SENECAP 115	1	0.05101	113.1	159.0	OPEN 79800 [ROCH 345 345] TO 79584 [NIAG 345 345] CKT 1
							OPEN 79800 [ROCH 345 345] TO 79819 [S80 1TR 115] CKT 1
1700.1	77103 BATAVIA1 115	77121 SENECAP 115	1	0.05074	112.5	159.0	OPEN 79800 [ROCH 345 345] TO 79584 [NIAG 345 345] CKT 1
							OPEN 79592 [NIAGAR2W 230] TO 79584 [NIAG 345 345] CKT 1
1704.5	75465 HINMN115 115	76261 HARIS115 115	1	-0.05920	-251.4	306.0	OPEN 75412 [GARDV230 230] TO 75417 [STOLE230 230] CKT 1
							OPEN 75416 [ROBIN230 230] TO 75417 [STOLE230 230] CKT 1
							OPEN 75417 [STOLE230 230] TO 75414 [MEYER230 230] CKT 1
1714.2	77103 BATAVIA1 115	77121 SENECAP 115	1	0.05122	111.3	159.0	OPEN 79584 [NIAG 345 345] TO 79800 [ROCH 345 345] CKT 1
1729.6	77103 BATAVIA1 115	77121 SENECAP 115	1	0.05070	111.0	159.0	OPEN 79801 [PANNELL3 345] TO 79800 [ROCH 345 345] CKT 2
							OPEN 79800 [ROCH 345 345] TO 79584 [NIAG 345 345] CKT 1
1730.0	75405 OAKDL345 345	75403 FRASR345 345	1	0.38145	1018.8	1380.0	OPEN 78450 [EDIC 345] TO 75403 [FRASR345 345] CKT 1
							OPEN 79583 [MARCY T1 345] TO 75400 [COOPC345 345] CKT 1
1743.2	76527 FALCONER 115 281	WARREN 115	1	0.05176	32.3	82.0	OPEN 76500 [DUNKIRK 230] TO 76501 [S RIPLEY 230] CKT 1
1751.2	75465 HINMN115 115	76261 HARIS115 115	1	-0.05829	-249.6	306.0	OPEN 75416 [ROBIN230 230] TO 75417 [STOLE230 230] CKT 1

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*** TLTG TRANSFER LIMIT OUTPUT FOR INTERFACE WESTC OPEN ***

TOTAL TRANS CAPAB	LIMITING ELEMENT FROM	LIMITING ELEMENT TO	CKT	DISTR. FACTOR	PRE-SHIFT MW	RATING BAS/CNT A/C	CONTINGENCY DESCRIPTION
1801.4	76527 FALCONER 115	281 WARREN 115	1	0.04996	31.1	82.0	OPEN 76663 [GRDNVL2 230] TO 76500 [DUNKIRK 230] CKT 1
							OPEN 76500 [DUNKIRK 230] TO 76523 [DUNKIRK1 115] CKT 1
							OPEN 76500 [DUNKIRK 230] TO 76501 [S RIPLEY 230] CKT 1
1819.7	76702 LOCKPORT 115	77122 SOUR-111 115	1	0.04997	107.2	159.0	OPEN 79800 [ROCH 345 345] TO 79584 [NIAG 345 345] CKT 1
							OPEN 79800 [ROCH 345 345] TO 79819 [S80 1TR 115] CKT 1
1832.8	75465 HINMN115 115	76261 HARIS115 115	1	-0.06334	-239.5	306.0	OPEN 79800 [ROCH 345 345] TO 79584 [NIAG 345 345] CKT 1
							OPEN 79800 [ROCH 345 345] TO 79819 [S80 1TR 115] CKT 1
1836.7	76702 LOCKPORT 115	77122 SOUR-111 115	1	0.04970	106.6	159.0	OPEN 79800 [ROCH 345 345] TO 79584 [NIAG 345 345] CKT 1
							OPEN 79592 [NIAGAR2W 230] TO 79584 [NIAG 345 345] CKT 1
1847.7	*75465 HINMN115 115	76261 HARIS115 115	1	-0.06292	-239.0	306.0	OPEN 79800 [ROCH 345 345] TO 79584 [NIAG 345 345] CKT 1
							OPEN 79592 [NIAGAR2W 230] TO 79584 [NIAG 345 345] CKT 1
1849.5	76702 LOCKPORT 115	77122 SOUR-111 115	1	0.05017	105.5	159.0	OPEN 79584 [NIAG 345 345] TO 79800 [ROCH 345 345] CKT 1
1866.3	76702 LOCKPORT 115	77122 SOUR-111 115	1	0.04966	105.2	159.0	OPEN 79801 [PANNELL3 345] TO 79800 [ROCH 345 345] CKT 2
							OPEN 79800 [ROCH 345 345] TO 79584 [NIAG 345 345] CKT 1
1873.2	76702 LOCKPORT 115	77126 TELRDTP1 115	1	0.05117	124.2	180.0	OPEN 79800 [ROCH 345 345] TO 79584 [NIAG 345 345] CKT 1
							OPEN 79800 [ROCH 345 345] TO 79819 [S80 1TR 115] CKT 1
1890.4	76702 LOCKPORT 115	77126 TELRDTP1 115	1	0.05090	123.6	180.0	OPEN 79800 [ROCH 345 345] TO 79584 [NIAG 345 345] CKT 1
							OPEN 79592 [NIAGAR2W 230] TO 79584 [NIAG 345 345] CKT 1
1902.8	76702 LOCKPORT 115	77126 TELRDTP1 115	1	0.05138	122.5	180.0	OPEN 79584 [NIAG 345 345] TO 79800 [ROCH 345 345] CKT 1
1905.2	77122 SOUR-111 115	77123 SWDN-111 115	1	0.04997	102.9	159.0	OPEN 79800 [ROCH 345 345] TO 79584 [NIAG 345 345] CKT 1
							OPEN 79800 [ROCH 345 345] TO 79819 [S80 1TR 115] CKT 1
1909.4	75469 KATEL115 115	75467 JENN 115 115	1	0.03872	115.4	159.0	OPEN 75405 [OAKDL345 345] TO 75403 [FRASR345 345] CKT 1
1913.5	*77103 BATAVIA1 115	77121 SENECAP 115	1	0.04318	110.2	159.0	OPEN 75404 [KINTI345 345] TO 79800 [ROCH 345 345] CKT 1
							OPEN 79800 [ROCH 345 345] TO 79819 [S80 1TR 115] CKT 1
1920.1	76702 LOCKPORT 115	77126 TELRDTP1 115	1	0.05086	122.2	180.0	OPEN 79801 [PANNELL3 345] TO 79800 [ROCH 345 345] CKT 2
							OPEN 79800 [ROCH 345 345] TO 79584 [NIAG 345 345] CKT 1
1922.6	77122 SOUR-111 115	77123 SWDN-111 115	1	0.04970	102.4	159.0	OPEN 79800 [ROCH 345 345] TO 79584 [NIAG 345 345] CKT 1
							OPEN 79592 [NIAGAR2W 230] TO 79584 [NIAG 345 345] CKT 1
1929.1	76702 LOCKPORT 115	77101 SHEL-113 115	1	0.05294	119.3	180.0	OPEN 79800 [ROCH 345 345] TO 79584 [NIAG 345 345] CKT 1
							OPEN 79800 [ROCH 345 345] TO 79819 [S80 1TR 115] CKT 1
1931.7	77100 SOUR-114 115	77111 MORTIMER 115	1	0.05407	90.9	153.0	OPEN 79800 [ROCH 345 345] TO 79584 [NIAG 345 345] CKT 1
							OPEN 79800 [ROCH 345 345] TO 79819 [S80 1TR 115] CKT 1
1934.6	77122 SOUR-111 115	77123 SWDN-111 115	1	0.05017	101.2	159.0	OPEN 79584 [NIAG 345 345] TO 79800 [ROCH 345 345] CKT 1
1946.6	76702 LOCKPORT 115	77101 SHEL-113 115	1	0.05266	118.7	180.0	OPEN 79800 [ROCH 345 345] TO 79584 [NIAG 345 345] CKT 1
							OPEN 79592 [NIAGAR2W 230] TO 79584 [NIAG 345 345] CKT 1
1949.3	77100 SOUR-114 115	77111 MORTIMER 115	1	0.05378	90.3	153.0	OPEN 79800 [ROCH 345 345] TO 79584 [NIAG 345 345] CKT 1
							OPEN 79592 [NIAGAR2W 230] TO 79584 [NIAG 345 345] CKT 1
1952.3	77122 SOUR-111 115	77123 SWDN-111 115	1	0.04966	100.9	159.0	OPEN 79801 [PANNELL3 345] TO 79800 [ROCH 345 345] CKT 2
							OPEN 79800 [ROCH 345 345] TO 79584 [NIAG 345 345] CKT 1
1958.4	76702 LOCKPORT 115	77101 SHEL-113 115	1	0.05316	117.5	180.0	OPEN 79584 [NIAG 345 345] TO 79800 [ROCH 345 345] CKT 1
1961.0	77100 SOUR-114 115	77111 MORTIMER 115	1	0.05429	89.0	153.0	OPEN 79584 [NIAG 345 345] TO 79800 [ROCH 345 345] CKT 1
1976.3	76702 LOCKPORT 115	77101 SHEL-113 115	1	0.05262	117.2	180.0	OPEN 79801 [PANNELL3 345] TO 79800 [ROCH 345 345] CKT 2
							OPEN 79800 [ROCH 345 345] TO 79584 [NIAG 345 345] CKT 1
1979.0	77100 SOUR-114 115	77111 MORTIMER 115	1	0.05374	88.7	153.0	OPEN 79801 [PANNELL3 345] TO 79800 [ROCH 345 345] CKT 2
							OPEN 79800 [ROCH 345 345] TO 79584 [NIAG 345 345] CKT 1
2031.7	79584 NIAG 345 345	79800 ROCH 345 345	1	0.58999	948.3	1685.0	OPEN 75404 [KINTI345 345] TO 79800 [ROCH 345 345] CKT 1
2044.4	79584 NIAG 345 345	79800 ROCH 345 345	1	0.59041	940.3	1685.0	OPEN 75404 [KINTI345 345] TO 79800 [ROCH 345 345] CKT 1
							OPEN 79800 [ROCH 345 345] TO 79819 [S80 1TR 115] CKT 1

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*** TLTG TRANSFER LIMIT OUTPUT FOR INTERFACE WESTC OPEN ***

TOTAL TRANS CAPAB	LIMITING ELEMENT FROM	LIMITING ELEMENT TO	CKT	DISTR. FACTOR	PRE-SHIFT MW	RATING BAS/CNT A/C	CONTINGENCY DESCRIPTION
2073.0	75414 MEYER230 230	75417 STOLE230 230	1	-0.13201	-259.7	430.0	BASE CASE
2074.0	*76702 LOCKPORT 115	77122 SOUR-111 115	1	0.04230	104.4	159.0	OPEN 75404 [KINTI345 345] TO 79800 [ROCH 345 345] CKT 1
							OPEN 79800 [ROCH 345 345] TO 79819 [S80 1TR 115] CKT 1
2092.6	77109 LAPPINS1 115	77116 NLEROYTA 115	1	0.05291	103.7	173.0	OPEN 79800 [ROCH 345 345] TO 79584 [NIAG 345 345] CKT 1
							OPEN 79800 [ROCH 345 345] TO 79819 [S80 1TR 115] CKT 1
2094.1	79584 NIAG 345 345	79800 ROCH 345 345	1	0.57027	937.3	1685.0	OPEN 79801 [PANNELL3 345] TO 79800 [ROCH 345 345] CKT 1
							OPEN 75404 [KINTI345 345] TO 79800 [ROCH 345 345] CKT 1
2110.1	75405 OAKDL345 345	75403 FRASR345 345	1	0.36243	899.0	1380.0	OPEN 77400 [CLAY 345] TO 78450 [EDIC 345] CKT 2
							OPEN 78450 [EDIC 345] TO 75403 [FRASR345 345] CKT 1
2111.0	77109 LAPPINS1 115	77116 NLEROYTA 115	1	0.05263	103.1	173.0	OPEN 79800 [ROCH 345 345] TO 79584 [NIAG 345 345] CKT 1
							OPEN 79592 [NIAGAR2W 230] TO 79584 [NIAG 345 345] CKT 1
2120.7	77101 SHEL-113 115	77124 SWDN-113 115	1	0.05299	109.1	180.0	OPEN 79800 [ROCH 345 345] TO 79584 [NIAG 345 345] CKT 1
							OPEN 79800 [ROCH 345 345] TO 79819 [S80 1TR 115] CKT 1
2121.3	77109 LAPPINS1 115	77116 NLEROYTA 115	1	0.05313	101.9	173.0	OPEN 79584 [NIAG 345 345] TO 79800 [ROCH 345 345] CKT 1
2137.1	*76702 LOCKPORT 115	77126 TELRDTP1 115	1	0.04332	121.3	180.0	OPEN 75404 [KINTI345 345] TO 79800 [ROCH 345 345] CKT 1
							OPEN 79800 [ROCH 345 345] TO 79819 [S80 1TR 115] CKT 1
2139.2	77101 SHEL-113 115	77124 SWDN-113 115	1	0.05271	108.5	180.0	OPEN 79800 [ROCH 345 345] TO 79584 [NIAG 345 345] CKT 1
							OPEN 79592 [NIAGAR2W 230] TO 79584 [NIAG 345 345] CKT 1
2140.9	77109 LAPPINS1 115	77116 NLEROYTA 115	1	0.05259	101.6	173.0	OPEN 79801 [PANNELL3 345] TO 79800 [ROCH 345 345] CKT 2
							OPEN 79800 [ROCH 345 345] TO 79584 [NIAG 345 345] CKT 1
2149.3	77101 SHEL-113 115	77124 SWDN-113 115	1	0.05321	107.3	180.0	OPEN 79584 [NIAG 345 345] TO 79800 [ROCH 345 345] CKT 1
2168.5	77111 MORTIMER 115	77124 SWDN-113 115	1	-0.05594	-75.5	153.0	OPEN 79800 [ROCH 345 345] TO 79584 [NIAG 345 345] CKT 1
							OPEN 79800 [ROCH 345 345] TO 79819 [S80 1TR 115] CKT 1
2169.1	77101 SHEL-113 115	77124 SWDN-113 115	1	0.05267	107.0	180.0	OPEN 79801 [PANNELL3 345] TO 79800 [ROCH 345 345] CKT 2
							OPEN 79800 [ROCH 345 345] TO 79584 [NIAG 345 345] CKT 1
2170.4	75498 S.OWE115 115	75668 LOUNS115 115	1	-0.05948	-60.5	143.0	OPEN 75405 [OAKDL345 345] TO 75407 [WATRC345 345] CKT 1
2174.9	*77122 SOUR-111 115	77123 SWDN-111 115	1	0.04230	100.1	159.0	OPEN 75404 [KINTI345 345] TO 79800 [ROCH 345 345] CKT 1
							OPEN 79800 [ROCH 345 345] TO 79819 [S80 1TR 115] CKT 1
2179.6	75405 OAKDL345 345	75403 FRASR345 345	1	0.37013	863.1	1380.0	OPEN 78450 [EDIC 345] TO 75403 [FRASR345 345] CKT 1
							OPEN 75403 [FRASR345 345] TO 75455 [FRASR115 115] CKT 1
2183.7	77111 MORTIMER 115	77123 SWDN-111 115	1	-0.05310	-78.6	153.0	OPEN 79800 [ROCH 345 345] TO 79584 [NIAG 345 345] CKT 1
							OPEN 79800 [ROCH 345 345] TO 79819 [S80 1TR 115] CKT 1
2187.3	77111 MORTIMER 115	77124 SWDN-113 115	1	-0.05565	-74.9	153.0	OPEN 79800 [ROCH 345 345] TO 79584 [NIAG 345 345] CKT 1
							OPEN 79592 [NIAGAR2W 230] TO 79584 [NIAG 345 345] CKT 1
2190.5	76501 S RIPLEY 230	361 ERIE E 230	1	0.12540	322.5	499.0	OPEN 75417 [STOLE230 230] TO 75414 [MEYER230 230] CKT 1
							OPEN 75406 [STOLE345 345] TO 479 [HOMER CY 345] CKT 1
2196.9	77111 MORTIMER 115	77124 SWDN-113 115	1	-0.05617	-73.6	153.0	OPEN 79584 [NIAG 345 345] TO 79800 [ROCH 345 345] CKT 1
2202.5	77111 MORTIMER 115	77123 SWDN-111 115	1	-0.05282	-78.0	153.0	OPEN 79800 [ROCH 345 345] TO 79584 [NIAG 345 345] CKT 1
							OPEN 79592 [NIAGAR2W 230] TO 79584 [NIAG 345 345] CKT 1
2203.2	*76702 LOCKPORT 115	77101 SHEL-113 115	1	0.04482	116.4	180.0	OPEN 75404 [KINTI345 345] TO 79800 [ROCH 345 345] CKT 1
							OPEN 79800 [ROCH 345 345] TO 79819 [S80 1TR 115] CKT 1
2206.3	*77100 SOUR-114 115	77111 MORTIMER 115	1	0.04577	87.9	153.0	OPEN 75404 [KINTI345 345] TO 79800 [ROCH 345 345] CKT 1
							OPEN 79800 [ROCH 345 345] TO 79819 [S80 1TR 115] CKT 1
2210.8	77100 SOUR-114 115	77126 TELRDTP1 115	1	-0.05412	-102.7	180.0	OPEN 79800 [ROCH 345 345] TO 79584 [NIAG 345 345] CKT 1
							OPEN 79800 [ROCH 345 345] TO 79819 [S80 1TR 115] CKT 1
2211.4	75405 OAKDL345 345	75403 FRASR345 345	1	0.35093	878.7	1380.0	OPEN 78460 [PORTER 2 230] TO 78980 [ROTRDM.2 230] CKT 1
							OPEN 78450 [EDIC 345] TO 75403 [FRASR345 345] CKT 1

CEII 2005 FERC FORM NO. 715, 2012 SUM BASE V4
2005 SUMMER PEAK, LEVEL 5 (04/01/05)

*** TLTG EXPORT LIMIT OUTPUT FOR BASE CASE ***

DISTRIBUTION FACTOR FILE: C:\NYISO\CRPP4\ms.dfx
SUBSYSTEM DESCRIPTION FILE: C:\NYISO\CRPP\sysms.sub
MONITORED ELEMENT FILE: C:\NYISO\CRPP\monms.mon
CONTINGENCY DESCRIPTION FILE: C:\NYISO\CRPP\contms.con

	PRE-SHIFT	DELTA	POST-SHIFT
STUDY SYSTEM MW GENERATION:	227.4	1000.0	1227.4
OPPOSING SYSTEM MW GENERATION:	2617.6	-1000.0	1617.6
STUDY SYSTEM NET INTERCHANGE:	226.6	1000.0	1226.6

STUDY SYSTEM					OPPOSING SYSTEM				
		GENERATOR MW					GENERATOR MW		
BUS	BUS NAME	BASE	SHIFT	CHANGE	BUS	BUS NAME	BASE	SHIFT	CHANGE
79513	MOS17-1813.8	113.4	613.4	500.0	74702	RAV 3 22.0	972.0	872.0	-100.0
79516	MOS21-2213.8	114.0	614.0	500.0	76641	DUNKGEN413.8	191.0	91.0	-100.0
					77051	HNTLY68G13.8	190.6	90.6	-100.0
					77951	9M PT 1G23.0	626.0	126.0	-500.0
					79538	POLETGT218.0	222.0	152.0	-70.0
					79539	POLETSTG18.0	194.0	124.0	-70.0
					79540	POLETGT118.0	222.0	162.0	-60.0

LOADINGS AT OR ABOVE 100.0 %
OF RATING ARE MARKED WITH '*'

FROM		TO		CKT	TOTAL TRANS CAPAB	BASE CASE RATING A	PRE-SHIFT MW	POST-SHIFT MW	LIMIT CASE MW	DISTR. FACTOR
79590	MOSES W 230	79517	MOS21-2413.8	6	288.2	258	-227.2	-727.2*	-258.0*	-0.50000
79589	MOSES E 230	79514	MOS17-2013.8	5	289.4	258	-226.6	-726.6*	-257.4	-0.50000
78009	BRNS FLS 115	78057	TAYLORVL 115	1	2004.3	102	40.3	75.0	42.4	0.03471
78460	PORTER 2 230	79586	ADRON B2 230	1	2059.1	321	-145.9	-241.4	-151.8	-0.09557
78009	BRNS FLS 115	78021	FLAT RCK 115	1	2063.9	102	-38.4	-73.0	-40.5	-0.03463
78009	BRNS FLS 115	78025	HIGLEY 115	1	2079.2	102	-37.5	-72.3	-39.7	-0.03479
78460	PORTER 2 230	79585	ADRON B1 230	1	2085.6	321	-143.3	-238.9	-149.2	-0.09557
78009	BRNS FLS 115	78057	TAYLORVL 115	2	2119.5	106	40.3	75.0	42.4	0.03471
79577	MARCY765 765	79583	MARCY T1 345	1	2186.1	1488	713.0	1108.5	737.3	0.39552
79586	ADRON B2 230	79590	MOSES W 230	1	2298.1	348	-150.0	-245.6	-155.9	-0.09557
79585	ADRON B1 230	79590	MOSES W 230	1	2298.2	348	-150.0	-245.6	-155.9	-0.09557
78014	COLTON 115	78021	FLAT RCK 115	1	2453.7	114	36.9	71.5	39.0	0.03463
79588	MASS230B 230	79589	MOSES E 230	1	2557.2	936	-74.3	-444.1	-97.1	-0.36973
79587	MASS230A 230	79589	MOSES E 230	1	2557.2	936	-74.3	-444.1	-97.1	-0.36973
79578	MASS 765 765	79588	MASS230B 230	1	2557.3	936	-74.3	-444.0	-97.0	-0.36973
79578	MASS 765 765	79587	MASS230A 230	1	2557.3	936	-74.3	-444.0	-97.0	-0.36973
78014	COLTON 115	78025	HIGLEY 115	1	2681.0	125	39.6	74.4	41.7	0.03479
79577	MARCY765 765	79583	MARCY T1 345	2	2744.3	1488	622.1	966.0	643.2	0.34395
78450	EDIC 345	79583	MARCY T1 345	1	3291.9	1677	-311.0	-756.7	-338.4	-0.44563
79577	MARCY765 765	79578	MASS 765 765	1	3782.4	3975	-1346.	-2085.	-1391.	-0.73947
	INTERFACE MOSES OPEN				4006.5	5358	1578.0	2578.1	1639.6	1.00003
	INTERFACE MOSESSOUTH				4035.0	5400	1591.9	2591.9	1653.4	1.00003

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*** TLTG TRANSFER LIMIT OUTPUT FOR INTERFACE MOSESSOUTH ***

<- INTERFACE 'MOSESSOUTH ' DEFINITION ->

<----- FROM ----->	<------ TO ------>	CKT	DISTR. FACTOR	PRE-SHIFT MW
79578 MASS 765 765	79577 MARCY765 765	1	0.73945	1345.6
79590 MOSES W 230	79585 ADRON B1 230	1	0.09557	150.0
79590 MOSES W 230	79586 ADRON B2 230	1	0.09557	150.0
78017 DENNISON 115	78002 ANDRWS-4 115	1	0.02156	-3.7
78017 DENNISON 115	78032 LWRNCE-B 115	1	0.02157	-2.7
78000 ALCOA-NM 115	78010 BRADY 115	1	0.01109	-22.2
78033 MALONE 115	78041 NICHOLVL 115	1	0.01521	-25.3
TOTALS FOR INTERFACE MOSESSOUTH			1.00000	1591.9

TOTAL TRANS CAPAB	<---------- LIMITING ELEMENT ----------> <----- FROM ----->	<------ TO ------>	CKT	DISTR. FACTOR	PRE-SHIFT MW	RATING BAS/CNT A/C	<---------- CONTINGENCY DESCRIPTION ---------->
1653.4	79590 MOSES W 230	79517 MOS21-2413.8	6	-0.49999	-227.2	258.0	BASE CASE
1654.6	79589 MOSES E 230	79514 MOS17-2013.8	5	-0.49999	-226.6	258.0	BASE CASE
1767.7	78009 BRNS FLS 115	78057 TAYLORVL 115	2	0.07861	120.2	134.0	OPEN 79578 [MASS 765 765] TO 79577 [MARCY765 765] CKT 1
1780.4	78009 BRNS FLS 115	78057 TAYLORVL 115	1	0.07861	120.2	135.0	OPEN 79578 [MASS 765 765] TO 79577 [MARCY765 765] CKT 1
1786.0	79586 ADRON B2 230	79590 MOSES W 230	1	-0.23033	-395.3	440.0	OPEN 79578 [MASS 765 765] TO 79577 [MARCY765 765] CKT 1
1786.0	79585 ADRON B1 230	79590 MOSES W 230	1	-0.23033	-395.3	440.0	OPEN 79578 [MASS 765 765] TO 79577 [MARCY765 765] CKT 1
1807.7	78009 BRNS FLS 115	78021 FLAT RCK 115	1	-0.07843	-118.1	135.0	OPEN 79578 [MASS 765 765] TO 79577 [MARCY765 765] CKT 1
1812.5	78009 BRNS FLS 115	78025 HIGLEY 115	1	-0.07879	-117.6	135.0	OPEN 79578 [MASS 765 765] TO 79577 [MARCY765 765] CKT 1
1843.1	78460 PORTER 2 230	79586 ADRON B2 230	1	-0.23033	-391.1	449.0	OPEN 79578 [MASS 765 765] TO 79577 [MARCY765 765] CKT 1
1854.1	78460 PORTER 2 230	79585 ADRON B1 230	1	-0.23033	-388.6	449.0	OPEN 79578 [MASS 765 765] TO 79577 [MARCY765 765] CKT 1
1904.5	78028 LOWVILLE 115	78057 TAYLORVL 115	1	-0.04215	-120.8	134.0	OPEN 79578 [MASS 765 765] TO 79577 [MARCY765 765] CKT 1
1908.7	79602 PLAT T#3 115	70511 GRAND IS 115	1	0.08649	274.6	302.0	OPEN 79578 [MASS 765 765] TO 79577 [MARCY765 765] CKT 1
1908.7	79602 PLAT T#3 115	79672 PLAT 115 115	3	-0.08649	-274.6	302.0	OPEN 79578 [MASS 765 765] TO 79577 [MARCY765 765] CKT 1
1916.1	78014 COLTON 115	78021 FLAT RCK 115	1	0.07843	116.6	142.0	OPEN 79578 [MASS 765 765] TO 79577 [MARCY765 765] CKT 1
2040.2	78014 COLTON 115	78025 HIGLEY 115	1	0.07879	119.7	155.0	OPEN 79578 [MASS 765 765] TO 79577 [MARCY765 765] CKT 1
2091.4	78008 BREMEN 115	78057 TAYLORVL 115	1	-0.04213	-113.0	134.0	OPEN 79578 [MASS 765 765] TO 79577 [MARCY765 765] CKT 1
2226.3	79577 MARCY765 765	79583 MARCY T1 345	1	0.69999	1209.9	1654.0	OPEN 79577 [MARCY765 765] TO 79583 [MARCY T1 345] CKT 2
							OPEN 78703 [N.SCOT99 345] TO 79583 [MARCY T1 345] CKT 1
2363.7	78028 LOWVILLE 115	78471 BOONVL 115	1	0.04215	101.5	134.0	OPEN 79578 [MASS 765 765] TO 79577 [MARCY765 765] CKT 1
2395.8	78011 BU+LY+MO 115	78471 BOONVL 115	1	0.04213	112.1	146.0	OPEN 79578 [MASS 765 765] TO 79577 [MARCY765 765] CKT 1
2426.3	79589 MOSES E 230	81255 STLAWL34 230	1	0.16772	306.0	446.0	OPEN 79578 [MASS 765 765] TO 79577 [MARCY765 765] CKT 1
2521.5	78008 BREMEN 115	78011 BU+LY+MO 115	1	0.04213	106.8	146.0	OPEN 79578 [MASS 765 765] TO 79577 [MARCY765 765] CKT 1
2533.7	78009 BRNS FLS 115	78057 TAYLORVL 115	2	0.07861	60.0	134.0	OPEN 79577 [MARCY765 765] TO 79578 [MASS 765 765] CKT 1
							OPEN 79578 [MASS 765 765] TO 84819 [CHA-NY 765] CKT 1
2546.4	78009 BRNS FLS 115	78057 TAYLORVL 115	1	0.07861	60.0	135.0	OPEN 79577 [MARCY765 765] TO 79578 [MASS 765 765] CKT 1
							OPEN 79578 [MASS 765 765] TO 84819 [CHA-NY 765] CKT 1
2571.6	79586 ADRON B2 230	79590 MOSES W 230	1	-0.23033	-214.3	440.0	OPEN 79577 [MARCY765 765] TO 79578 [MASS 765 765] CKT 1
							OPEN 79578 [MASS 765 765] TO 84819 [CHA-NY 765] CKT 1
2571.6	79585 ADRON B1 230	79590 MOSES W 230	1	-0.23033	-214.3	440.0	OPEN 79577 [MARCY765 765] TO 79578 [MASS 765 765] CKT 1
							OPEN 79578 [MASS 765 765] TO 84819 [CHA-NY 765] CKT 1
2573.7	78009 BRNS FLS 115	78021 FLAT RCK 115	1	-0.07843	-58.0	135.0	OPEN 79577 [MARCY765 765] TO 79578 [MASS 765 765] CKT 1
							OPEN 79578 [MASS 765 765] TO 84819 [CHA-NY 765] CKT 1
2578.5	78009 BRNS FLS 115	78025 HIGLEY 115	1	-0.07879	-57.3	135.0	OPEN 79577 [MARCY765 765] TO 79578 [MASS 765 765] CKT 1
							OPEN 79578 [MASS 765 765] TO 84819 [CHA-NY 765] CKT 1
2628.7	78460 PORTER 2 230	79586 ADRON B2 230	1	-0.23033	-210.2	449.0	OPEN 79577 [MARCY765 765] TO 79578 [MASS 765 765] CKT 1
							OPEN 79578 [MASS 765 765] TO 84819 [CHA-NY 765] CKT 1

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*** TLTG EXPORT LIMIT OUTPUT FOR BASE CASE ***

DISTRIBUTION FACTOR FILE: C:\NYISO\CRPP4\te.dfx
SUBSYSTEM DESCRIPTION FILE: C:\NYISO\CRPP\syste.sub
MONITORED ELEMENT FILE: C:\NYISO\CRPP\monte.mon
CONTINGENCY DESCRIPTION FILE: C:\NYISO\CRPP\contte1.con

	PRE-SHIFT	DELTA	POST-SHIFT
STUDY SYSTEM MW GENERATION:	1833.5	1000.0	2833.5
OPPOSING SYSTEM MW GENERATION:	3684.6	-1000.0	2684.6
STUDY SYSTEM NET INTERCHANGE:	1786.3	1000.0	2786.3

STUDY SYSTEM					OPPOSING SYSTEM				
		GENERATOR MW					GENERATOR MW		
BUS	BUS NAME	BASE	SHIFT	CHANGE	BUS	BUS NAME	BASE	SHIFT	CHANGE
76641	DUNKGEN413.8	191.0	241.0	50.0	74302	ER G7	13.2	166.0	26.0	-140.0
77051	HNTLY68G13.8	190.6	240.6	50.0	74702	RAV 3	22.0	972.0	692.0	-280.0
77951	9M PT 1G23.0	626.0	1126.0	500.0	74705	AST 4	20.0	575.6	475.6	-100.0
79515	MOS19-2013.8	114.0	214.0	100.0	74706	AST 5	20.0	361.0	241.0	-120.0
80900	LAKEVWG518.0	211.9	361.9	150.0	74906	NRTPTG1	22.0	380.0	310.0	-70.0
81765	NANTICG622.0	500.0	650.0	150.0	79390	BOW2	20.0	592.0	492.0	-100.0
					79538	POLETGT2	18.0	222.0	162.0	-60.0
					79539	POLETSTG	18.0	194.0	134.0	-60.0
					79540	POLETGT1	18.0	222.0	152.0	-70.0

LOADINGS AT OR ABOVE 100.0 %
OF RATING ARE MARKED WITH '*'

<----- FROM ----->	<------ TO ------>	CKT	TOTAL TRANS CAPAB	BASE CASE RATING A	PRE-SHIFT MW	POST-SHIFT MW	LIMIT CASE MW	DISTR. FACTOR
INTERFACE CENTRAL EAST			2602.0	3100	2696.5	3191.2*	3100.0*	0.49467
74344 PLTVLLEY 345	78701 LEEDS 3 345	2	2918.5	1331	-1102.	-1304.	-1267.	-0.20205
INTERFACE TOTAL EAST			3069.3	6500	5217.2	6217.1	6032.8	0.99992
75400 COOPC345 345	75403 FRASR345 345	1	3185.5	1207	-934.7	-1129.	-1093.	-0.19460
74344 PLTVLLEY 345	78705 ATHENS 345	1	3209.4	1331	-1057.	-1250.	-1214.	-0.19228
74002 ROSETON 345	74331 FISHKILL 345	1	3617.8	1935	1593.8	1780.1	1745.8	0.18629
78450 EDIC 345	78702 N.SCOT77 345	1	4028.2	1331	905.6	1095.4	1060.4	0.18974
78703 N.SCOT99 345	79583 MARCY T1 345	1	4110.4	1487	-1011.	-1216.	-1178.	-0.20482
78701 LEEDS 3 345	78702 N.SCOT77 345	1	4327.3	1331	-850.4	-1040.	-1005.	-0.18914
78701 LEEDS 3 345	78703 N.SCOT99 345	2	4365.2	1331	-846.2	-1034.	-999.5	-0.18801
78450 EDIC 345	77400 CLAY 345	2	4419.6	1033	-611.6	-771.6	-742.1	-0.16002
78450 EDIC 345	77400 CLAY 345	1	4440.5	1033	-609.7	-769.2	-739.8	-0.15948
75403 FRASR345 345	75405 OAKDL345 345	1	4715.6	1255	-656.7	-860.9	-823.3	-0.20426
78701 LEEDS 3 345	78705 ATHENS 345	1	4873.7	1331	737.4	929.7	894.2	0.19227
74001 ROCK TAV 345	74347 RAMAPO 345	1	4910.7	1720	972.8	1211.9	1167.8	0.23917
78701 LEEDS 3 345	79581 GILB 345 345	1	5397.6	1428	-889.9	-1039.	-1011.	-0.14901
75400 COOPC345 345	79304 N.M.TAP 345	1	5473.2	1464	822.5	996.5	964.4	0.17400
79304 N.M.TAP 345	79322 SHOEMTAP 138	1	5489.9	498	373.8	407.3	401.2	0.03353
78460 PORTER 2 230	78980 ROTRDM.2 230	2	5508.1	439	266.4	312.8	304.2	0.04638
INTERFACE CENT E+FGILB			5547.9	5600	3122.5	3781.1	3659.7	0.65863

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*** TLTG TRANSFER LIMIT OUTPUT FOR INTERFACE VOLNEY EAST ***

<- INTERFACE 'VOLNEY EAST ' DEFINITION ->

<----- FROM ----->	<------ TO ------>	CKT	DISTR. FACTOR	PRE-SHIFT MW
75405 OAKDL345 345	75403 FRASR345 345	1	0.22698	656.7
75469 KATEL115 115	75467 JENN 115 115	1	0.01085	69.0
75488 OAKDL115 115	75444 DELHI115 115	1	0.01371	43.8
75513 WILET115 115	75446 E.NOR115 115	1	0.01212	62.3
77400 CLAY 345	78450 EDIC 345	1	0.17722	609.7
77400 CLAY 345	78450 EDIC 345	2	0.17781	611.6
77406 VOLNEY 345	79583 MARCY T1 345	1	0.17393	754.8
77426 BRDGPORT 115	78484 PETRBORO 115	1	0.01262	37.1
77466 LTHSE HL 115	78005 BLACK RV 115	1	0.00494	-5.5
77466 LTHSE HL 115	78018 E WTRTWN 115	1	0.00493	-1.7
77494 TEALL 115	78483 ONEIDA 115	1	0.01268	35.7
77500 WHITMAN 115	78483 ONEIDA 115	1	0.00745	-15.5
77779 OMEGAWIR34.5	78610 CAMDEN 34.5	1	0.00000	-2.9
79580 JA FITZP 345	78450 EDIC 345	1	0.16476	750.6
TOTALS FOR INTERFACE VOLNEY EAST			1.00000	3605.6

TOTAL TRANS CAPAB	<---------- LIMITING ELEMENT ----------> <----- FROM ----->	<------ TO ------>	CKT	DISTR. FACTOR	PRE-SHIFT MW	RATING BAS/CNT A/C	<--------------- CONTINGENCY DESCRIPTION --------------->
2086.0	79303 SMAHWAH2 345	5028 WALDWICK 345	1	0.03121	636.4	589.0	OPEN 74340 [LADENTWN 345] TO 74313 [BUCH S 345] CKT 1
							OPEN 74347 [RAMAPO 345] TO 74312 [BUCH N 345] CKT 1
							OPEN 74410 [BUCHNTA5 138] TO 74312 [BUCH N 345] CKT 1
2967.6	INTERFACE CENTRAL EAST			0.73038	3566.0	3100.0	OPEN 78450 [EDIC 345] TO 75403 [FRASR345 345] CKT 1
							OPEN 79583 [MARCY T1 345] TO 75400 [COOPC345 345] CKT 1
3237.9	INTERFACE CENTRAL EAST			0.69928	3357.1	3100.0	OPEN 79583 [MARCY T1 345] TO 75400 [COOPC345 345] CKT 1
							OPEN 75403 [FRASR345 345] TO 75400 [COOPC345 345] CKT 1
3426.3	INTERFACE CENTRAL EAST			0.67653	3221.3	3100.0	OPEN 75400 [COOPC345 345] TO 74001 [ROCK TAV 345] CKT 2
							OPEN 75400 [COOPC345 345] TO 79304 [N.M.TAP 345] CKT 1
							OPEN 79304 [N.M.TAP 345] TO 74001 [ROCK TAV 345] CKT 1
3471.5	INTERFACE CENTRAL EAST			0.54968	3173.7	3100.0	SET BUS 71786 [SANDY PD 345] LOAD TO 0 MW DISPATCH
3471.5 *	INTERFACE CENTRAL EAST			0.54968	3173.7	3100.0	OPEN 70509 [SB RCTOR 115] TO 70508 [SANDB115 115] CKT 2
							SET BUS 71786 [SANDY PD 345] LOAD TO 0 MW DISPATCH
3515.7	INTERFACE TOTAL EAST			1.11111	6599.9	6500.0	SET BUS 71786 [SANDY PD 345] LOAD TO 0 MW DISPATCH
3515.7	INTERFACE TOTAL EAST			1.11111	6599.9	6500.0	OPEN 70509 [SB RCTOR 115] TO 70508 [SANDB115 115] CKT 2
							SET BUS 71786 [SANDY PD 345] LOAD TO 0 MW DISPATCH
3685.8	INTERFACE TOTAL EAST			1.11111	6410.9	6500.0	OPEN 70509 [SB RCTOR 115] TO 70508 [SANDB115 115] CKT 2
							REMOVE MACHINE 1 FROM BUS 72869 [SBRK G1 25.0] DISPATCH
3685.8	INTERFACE TOTAL EAST			1.11111	6410.9	6500.0	REMOVE MACHINE 1 FROM BUS 72869 [SBRK G1 25.0] DISPATCH
3714.9 *	INTERFACE TOTAL EAST			1.11111	6378.5	6500.0	REMOVE MACHINE 3 FROM BUS 73563 [MILL#3 24.0] DISPATCH
4078.1	74344 PLTVLLEY 345	78701 LEEDS 3 345	2	-0.31963	-1573.0	1724.0	OPEN 78705 [ATHENS 345] TO 74344 [PLTVLLEY 345] CKT 1
4214.8	74344 PLTVLLEY 345	78705 ATHENS 345	1	-0.31086	-1534.6	1724.0	OPEN 78701 [LEEDS 3 345] TO 74344 [PLTVLLEY 345] CKT 2
4248.9	74344 PLTVLLEY 345	78701 LEEDS 3 345	2	-0.30647	-1526.9	1724.0	OPEN 78705 [ATHENS 345] TO 74344 [PLTVLLEY 345] CKT 1
							OPEN 74344 [PLTVLLEY 345] TO 74341 [MILLWOOD 345] CKT 1
4253.5	74344 PLTVLLEY 345	78701 LEEDS 3 345	2	-0.30679	-1525.2	1724.0	OPEN 78705 [ATHENS 345] TO 74344 [PLTVLLEY 345] CKT 1
							OPEN 74344 [PLTVLLEY 345] TO 74356 [WOOD B 345] CKT 1
4394.8	74344 PLTVLLEY 345	78705 ATHENS 345	1	-0.29844	-1488.5	1724.0	OPEN 78701 [LEEDS 3 345] TO 74344 [PLTVLLEY 345] CKT 2
							OPEN 74344 [PLTVLLEY 345] TO 74356 [WOOD B 345] CKT 1
4523.8	74344 PLTVLLEY 345	78701 LEEDS 3 345	2	-0.31963	-1430.5	1724.0	OPEN 78701 [LEEDS 3 345] TO 78705 [ATHENS 345] CKT 1

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*** TLTG TRANSFER LIMIT OUTPUT FOR INTERFACE VOLNEY EAST ***

TOTAL TRANS CAPAB	<---------- LIMITING ELEMENT ----------> FROM	TO	CKT	DISTR. FACTOR	PRE-SHIFT MW	RATING BAS/CNT A/C	<---------- CONTINGENCY DESCRIPTION ---------->
4533.5	74344 PLTVLLEY 345	78705 ATHENS 345	1	-0.29047	-1454.5	1724.0	OPEN 78701 [LEEDS 3 345] TO 74344 [PLTVLLEY 345] CKT 2
							OPEN 78702 [N.SCOT77 345] TO 78701 [LEEDS 3 345] CKT 1
4578.1	*74344 PLTVLLEY 345	78701 LEEDS 3 345	2	-0.29983	-1432.4	1724.0	OPEN 79583 [MARCY T1 345] TO 75400 [COOPC345 345] CKT 1
							OPEN 75403 [FRASR345 345] TO 75400 [COOPC345 345] CKT 1
4669.5	79303 SMAHWAH2 345	5028 WALDWICK 345	1	0.04098	545.4	589.0	OPEN 74347 [RAMAPO 345] TO 74340 [LADENTWN 345] CKT 1
							OPEN 74347 [RAMAPO 345] TO 74312 [BUCH N 345] CKT 1
							OPEN 74410 [BUCHNTA5 138] TO 74312 [BUCH N 345] CKT 1
4807.5	75403 FRASR345 345	75405 OAKDL345 345	1	-0.30055	-1018.8	1380.0	OPEN 78450 [EDIC 345] TO 75403 [FRASR345 345] CKT 1
							OPEN 79583 [MARCY T1 345] TO 75400 [COOPC345 345] CKT 1
4809.6	78701 LEEDS 3 345	78703 N.SCOT99 345	2	-0.32821	-1328.8	1724.0	OPEN 78701 [LEEDS 3 345] TO 78702 [N.SCOT77 345] CKT 1
4840.8	74344 PLTVLLEY 345	78705 ATHENS 345	1	-0.28533	-1371.6	1724.0	OPEN 79583 [MARCY T1 345] TO 75400 [COOPC345 345] CKT 1
							OPEN 75403 [FRASR345 345] TO 75400 [COOPC345 345] CKT 1
4864.7	75400 COOPC345 345	75403 FRASR345 345	1	-0.21624	-934.7	1207.0	BASE CASE
4869.8	79304 N.M.TAP 345	79322 SHOEMTAP 138	1	0.07772	568.7	667.0	OPEN 74001 [ROCK TAV 345] TO 74347 [RAMAPO 345] CKT 1
							OPEN 74001 [ROCK TAV 345] TO 74046 [ROCK TV1 115] CKT 1
							OPEN 74046 [ROCK TV1 115] TO 74018 [SUGARLF 115] CKT 1
4886.2	*74344 PLTVLLEY 345	78705 ATHENS 345	1	-0.21366	-1057.4	1331.0	BASE CASE
4923.6	78703 N.SCOT99 345	79583 MARCY T1 345	1	-0.30732	-1386.9	1792.0	OPEN 78702 [N.SCOT77 345] TO 78450 [EDIC 345] CKT 1
							OPEN 78450 [EDIC 345] TO 78460 [PORTER 2 230] CKT 1
							OPEN 78450 [EDIC 345] TO 78485 [PORTER 1 115] CKT 1
5001.1	78703 N.SCOT99 345	79583 MARCY T1 345	1	-0.30229	-1370.2	1792.0	OPEN 78450 [EDIC 345] TO 75403 [FRASR345 345] CKT 1
							OPEN 79583 [MARCY T1 345] TO 75400 [COOPC345 345] CKT 1
5118.4	79586 ADRON B2 230	79590 MOSES W 230	1	-0.02956	-395.3	440.0	OPEN 79578 [MASS 765 765] TO 79577 [MARCY765 765] CKT 1
5118.4	79585 ADRON B1 230	79590 MOSES W 230	1	-0.02956	-395.3	440.0	OPEN 79578 [MASS 765 765] TO 79577 [MARCY765 765] CKT 1
5118.9	75400 COOPC345 345	75403 FRASR345 345	1	-0.28967	-1264.6	1703.0	OPEN 78460 [PORTER 2 230] TO 78980 [ROTRDM.2 230] CKT 1
							OPEN 79583 [MARCY T1 345] TO 75400 [COOPC345 345] CKT 1
5140.3	75403 FRASR345 345	79581 GILB 345 345	1	0.32120	1031.0	1524.0	OPEN 79583 [MARCY T1 345] TO 75400 [COOPC345 345] CKT 1
							OPEN 75403 [FRASR345 345] TO 75400 [COOPC345 345] CKT 1
5154.6	78703 N.SCOT99 345	79583 MARCY T1 345	1	-0.30091	-1325.9	1792.0	OPEN 78450 [EDIC 345] TO 78702 [N.SCOT77 345] CKT 1
5166.0	75403 FRASR345 345	79581 GILB 345 345	1	0.32472	1017.3	1524.0	OPEN 75400 [COOPC345 345] TO 74001 [ROCK TAV 345] CKT 2
							OPEN 75400 [COOPC345 345] TO 79304 [N.M.TAP 345] CKT 1
							OPEN 79304 [N.M.TAP 345] TO 74001 [ROCK TAV 345] CKT 1
5179.5	75400 COOPC345 345	75403 FRASR345 345	1	-0.28704	-1251.2	1703.0	OPEN 79583 [MARCY T1 345] TO 75400 [COOPC345 345] CKT 1
5182.2	75400 COOPC345 345	75403 FRASR345 345	1	-0.28698	-1250.5	1703.0	OPEN 79590 [MOSES W 230] TO 79585 [ADRON B1 230] CKT 1
							OPEN 79583 [MARCY T1 345] TO 75400 [COOPC345 345] CKT 1
5191.1	*75400 COOPC345 345	75403 FRASR345 345	1	-0.28687	-1248.2	1703.0	OPEN 79577 [MARCY765 765] TO 79583 [MARCY T1 345] CKT 1
							OPEN 79583 [MARCY T1 345] TO 75400 [COOPC345 345] CKT 1
5206.6	75400 COOPC345 345	79583 MARCY T1 345	1	-0.22370	-986.9	1345.0	OPEN 75403 [FRASR345 345] TO 75400 [COOPC345 345] CKT 1
							OPEN 75405 [OAKDL345 345] TO 75403 [FRASR345 345] CKT 1
5244.3	78701 LEEDS 3 345	78705 ATHENS 345	1	0.31086	1214.6	1724.0	OPEN 78701 [LEEDS 3 345] TO 74344 [PLTVLLEY 345] CKT 2
5249.9	75400 COOPC345 345	79583 MARCY T1 345	1	-0.22138	-981.0	1345.0	OPEN 75403 [FRASR345 345] TO 75400 [COOPC345 345] CKT 1
5252.9	75400 COOPC345 345	79583 MARCY T1 345	1	-0.22137	-980.3	1345.0	OPEN 75403 [FRASR345 345] TO 75400 [COOPC345 345] CKT 1
							OPEN 75400 [COOPC345 345] TO 75440 [COOPC115 115] CKT 1
5253.7	74002 ROSETON 345	74331 FISHKILL 345	1	0.20700	1593.8	1935.0	BASE CASE
5261.4	78703 N.SCOT99 345	79583 MARCY T1 345	1	-0.29574	-1302.3	1792.0	OPEN 79580 [JA FITZP 345] TO 78450 [EDIC 345] CKT 1
							OPEN 78702 [N.SCOT77 345] TO 78450 [EDIC 345] CKT 1
5266.4	75400 COOPC345 345	79304 N.M.TAP 345	1	0.30790	1281.6	1793.0	OPEN 74001 [ROCK TAV 345] TO 75400 [COOPC345 345] CKT 2
							OPEN 75400 [COOPC345 345] TO 75440 [COOPC115 115] CKT 1

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*** TLTG TRANSFER LIMIT OUTPUT FOR INTERFACE TOTAL EAST ***

<- INTERFACE 'TOTAL EAST ' DEFINITION ->

<----- FROM ----->	<------ TO ------>	CKT	DISTR. FACTOR	PRE-SHIFT MW
75512 W.WDB115 115	76210 W.WDBR6969.0	1	0.00483	22.6
75403 FRASR345 345	79581 GILB 345 345	1	0.16397	426.0
75400 COOPC345 345	74001 ROCK TAV 345	2	0.16248	720.3
75400 COOPC345 345	79304 N.M.TAP 345	1	0.17401	822.5
2 BRANCHBG 500	74300 RAMAPO 5 500	1	0.00000	437.4
4989 HUDSON1 345	74328 FARRGUT1 345	1	0.00000	399.1
5039 HUDSON2 345	74329 FARRGUT2 345	1	0.00000	399.1
4996 LINDEN 230	74371 GOETHALS 230	1	0.00000	200.0
5028 WALDWICK 345	79302 SMAHWAH1 345	1	-0.00242	-439.2
5028 WALDWICK 345	79303 SMAHWAH2 345	1	0.00242	-579.6
79314 HCOR138 138	79311 BURNS138 138	1	-0.00048	-101.3
79320 SMAH138 138	79302 SMAHWAH1 345	1	0.00734	-209.5
79320 SMAH138 138	79319 RAMP138 138	1	-0.00437	-82.6
79334 CLOSTR6969.0	79357 SPARKILL69.0	1	0.00066	-10.7
79338 HCOR69 69.0	79362 WNYA69 69.0	1	0.00172	-15.5
79346 MONTVALE69.0	79327 BLUHILL 69.0	1	0.00000	6.2
79346 MONTVALE69.0	79327 BLUHILL 69.0	2	0.00000	6.2
79346 MONTVALE69.0	79400 L491T 69.0	1	0.00046	-35.6
79356 SMAH69 69.0	79340 HILB69 69.0	1	-0.00523	-44.7
79370 HCOR34 34.5	79376 PEARL34 34.5	1	-0.00010	2.8
75447 E.SPR115 115	79136 INGHAM-E 115	1	0.00861	16.2
78450 EDIC 345	78702 N.SCOT77 345	1	0.18975	905.6
78460 PORTER 2 230	78980 ROTRDM.2 230	1	0.04514	259.5
78460 PORTER 2 230	78980 ROTRDM.2 230	2	0.04638	266.4
78478 INGMS-CD 115	79136 INGHAM-E 115	1	0.00000	120.6
79583 MARCY T1 345	78703 N.SCOT99 345	1	0.20484	1011.0
79602 PLAT T#3 115	70511 GRAND IS 115	1	0.00000	117.2
74959 NEPTCONV 345	74958 NWBRG 345	1	0.00000	597.0
TOTALS FOR INTERFACE TOTAL EAST			1.00000	5217.2

TOTAL TRANS CAPAB	<---------- LIMITING ELEMENT ----------> <----- FROM ----->	<------ TO ------>CKT	DISTR. FACTOR	PRE-SHIFT MW	RATING BAS/CNT A/C	<--------------- CONTINGENCY DESCRIPTION --------------->
3528.7	79303 SMAHWAH2 345	5028 WALDWICK 345 1	0.02809	636.4	589.0	OPEN 74340 [LADENTWN 345] TO 74313 [BUCH S 345] CKT 1
						OPEN 74347 [RAMAPO 345] TO 74312 [BUCH N 345] CKT 1
						OPEN 74410 [BUCHNTA5 138] TO 74312 [BUCH N 345] CKT 1
4508.3	INTERFACE CENTRAL EAST		0.65735	3566.0	3100.0	OPEN 78450 [EDIC 345] TO 75403 [FRASR345 345] CKT 1
						OPEN 79583 [MARCY T1 345] TO 75400 [COOPC345 345] CKT 1
4808.6	INTERFACE CENTRAL EAST		0.62936	3357.1	3100.0	OPEN 79583 [MARCY T1 345] TO 75400 [COOPC345 345] CKT 1
						OPEN 75403 [FRASR345 345] TO 75400 [COOPC345 345] CKT 1
5017.9	INTERFACE CENTRAL EAST		0.60888	3221.3	3100.0	OPEN 75400 [COOPC345 345] TO 74001 [ROCK TAV 345] CKT 2
						OPEN 75400 [COOPC345 345] TO 79304 [N.M.TAP 345] CKT 1
						OPEN 79304 [N.M.TAP 345] TO 74001 [ROCK TAV 345] CKT 1
5068.2	INTERFACE CENTRAL EAST		0.49471	3173.7	3100.0	SET BUS 71786 [SANDY PD 345] LOAD TO 0 MW DISPATCH
5068.2 *	INTERFACE CENTRAL EAST		0.49471	3173.7	3100.0	OPEN 70509 [SB RCTOR 115] TO 70508 [SANDB115 115] CKT 2
						SET BUS 71786 [SANDY PD 345] LOAD TO 0 MW DISPATCH
5117.3	INTERFACE TOTAL EAST		1.00000	6599.9	6500.0	SET BUS 71786 [SANDY PD 345] LOAD TO 0 MW DISPATCH

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*** TLTG TRANSFER LIMIT OUTPUT FOR INTERFACE TOTAL EAST ***

TOTAL TRANS CAPAB	<---------- LIMITING ELEMENT ----------> FROM ----->	TO ------>	CKT	DISTR. FACTOR	PRE-SHIFT MW	RATING BAS/CNT A/C	<---------- CONTINGENCY DESCRIPTION ---------->
5117.3	INTERFACE TOTAL EAST			1.00000	6599.9	6500.0	OPEN 70509 [SB RCTOR 115] TO 70508 [SANDB115 115] CKT 2
							SET BUS 71786 [SANDY PD 345] LOAD TO 0 MW DISPATCH
5306.2	INTERFACE TOTAL EAST			1.00000	6410.9	6500.0	OPEN 70509 [SB RCTOR 115] TO 70508 [SANDB115 115] CKT 2
							REMOVE MACHINE 1 FROM BUS 72869 [SBRK G1 25.0] DISPATCH
5306.2	INTERFACE TOTAL EAST			1.00000	6410.9	6500.0	REMOVE MACHINE 1 FROM BUS 72869 [SBRK G1 25.0] DISPATCH
5338.6 *	INTERFACE TOTAL EAST			1.00000	6378.5	6500.0	REMOVE MACHINE 3 FROM BUS 73563 [MILL#3 24.0] DISPATCH
5742.2	74344 PLTVLLEY 345	78701 LEEDS 3 345	2	-0.28767	-1573.0	1724.0	OPEN 78705 [ATHENS 345] TO 74344 [PLTVLLEY 345] CKT 1
5894.1	74344 PLTVLLEY 345	78705 ATHENS 345	1	-0.27978	-1534.6	1724.0	OPEN 78701 [LEEDS 3 345] TO 74344 [PLTVLLEY 345] CKT 2
5931.9	74344 PLTVLLEY 345	78701 LEEDS 3 345	2	-0.27582	-1526.9	1724.0	OPEN 78705 [ATHENS 345] TO 74344 [PLTVLLEY 345] CKT 1
							OPEN 74344 [PLTVLLEY 345] TO 74341 [MILLWOOD 345] CKT 1
5937.1	74344 PLTVLLEY 345	78701 LEEDS 3 345	2	-0.27611	-1525.2	1724.0	OPEN 78705 [ATHENS 345] TO 74344 [PLTVLLEY 345] CKT 1
							OPEN 74344 [PLTVLLEY 345] TO 74356 [WOOD B 345] CKT 1
6094.1	74344 PLTVLLEY 345	78705 ATHENS 345	1	-0.26860	-1488.5	1724.0	OPEN 78701 [LEEDS 3 345] TO 74344 [PLTVLLEY 345] CKT 2
							OPEN 74344 [PLTVLLEY 345] TO 74356 [WOOD B 345] CKT 1
6237.4	74344 PLTVLLEY 345	78701 LEEDS 3 345	2	-0.28766	-1430.5	1724.0	OPEN 78701 [LEEDS 3 345] TO 78705 [ATHENS 345] CKT 1
6248.2	74344 PLTVLLEY 345	78705 ATHENS 345	1	-0.26142	-1454.5	1724.0	OPEN 78701 [LEEDS 3 345] TO 74344 [PLTVLLEY 345] CKT 2
							OPEN 78702 [N.SCOT77 345] TO 78701 [LEEDS 3 345] CKT 1
6297.8 *	74344 PLTVLLEY 345	78701 LEEDS 3 345	2	-0.26985	-1432.4	1724.0	OPEN 79583 [MARCY T1 345] TO 75400 [COOPC345 345] CKT 1
							OPEN 75403 [FRASR345 345] TO 75400 [COOPC345 345] CKT 1
6399.3	79303 SMAHWAH2 345	5028 WALDWICK 345	1	0.03688	545.4	589.0	OPEN 74347 [RAMAPO 345] TO 74340 [LADENTWN 345] CKT 1
							OPEN 74347 [RAMAPO 345] TO 74312 [BUCH N 345] CKT 1
							OPEN 74410 [BUCHNTA5 138] TO 74312 [BUCH N 345] CKT 1
6552.6	75403 FRASR345 345	75405 OAKDL345 345	1	-0.27050	-1018.8	1380.0	OPEN 78450 [EDIC 345] TO 75403 [FRASR345 345] CKT 1
							OPEN 79583 [MARCY T1 345] TO 75400 [COOPC345 345] CKT 1
6554.9	78701 LEEDS 3 345	78703 N.SCOT99 345	2	-0.29539	-1328.8	1724.0	OPEN 78701 [LEEDS 3 345] TO 78702 [N.SCOT77 345] CKT 1
6589.6	74344 PLTVLLEY 345	78705 ATHENS 345	1	-0.25680	-1371.6	1724.0	OPEN 79583 [MARCY T1 345] TO 75400 [COOPC345 345] CKT 1
							OPEN 75403 [FRASR345 345] TO 75400 [COOPC345 345] CKT 1
6616.2	75400 COOPC345 345	75403 FRASR345 345	1	-0.19461	-934.7	1207.0	BASE CASE
6621.8	79304 N.M.TAP 345	79322 SHOEMTAP 138	1	0.06995	568.7	667.0	OPEN 74001 [ROCK TAV 345] TO 74347 [RAMAPO 345] CKT 1
							OPEN 74001 [ROCK TAV 345] TO 74046 [ROCK TV1 115] CKT 1
							OPEN 74046 [ROCK TV1 115] TO 74018 [SUGARLF 115] CKT 1
6640.1 *	74344 PLTVLLEY 345	78705 ATHENS 345	1	-0.19229	-1057.4	1331.0	BASE CASE
6681.6	78703 N.SCOT99 345	79583 MARCY T1 345	1	-0.27659	-1386.9	1792.0	OPEN 78702 [N.SCOT77 345] TO 78450 [EDIC 345] CKT 1
							OPEN 78450 [EDIC 345] TO 78460 [PORTER 2 230] CKT 1
							OPEN 78450 [EDIC 345] TO 78485 [PORTER 1 115] CKT 1
6767.7	78703 N.SCOT99 345	79583 MARCY T1 345	1	-0.27206	-1370.2	1792.0	OPEN 78450 [EDIC 345] TO 75403 [FRASR345 345] CKT 1
							OPEN 79583 [MARCY T1 345] TO 75400 [COOPC345 345] CKT 1
6898.0	79586 ADRON B2 230	79590 MOSES W 230	1	-0.02661	-395.3	440.0	OPEN 79578 [MASS 765 765] TO 79577 [MARCY765 765] CKT 1
6898.1	79585 ADRON B1 230	79590 MOSES W 230	1	-0.02661	-395.3	440.0	OPEN 79578 [MASS 765 765] TO 79577 [MARCY765 765] CKT 1
6898.6	75400 COOPC345 345	75403 FRASR345 345	1	-0.26070	-1264.6	1703.0	OPEN 78460 [PORTER 2 230] TO 78980 [ROTRDM.2 230] CKT 1
							OPEN 79583 [MARCY T1 345] TO 75400 [COOPC345 345] CKT 1
6922.4	75403 FRASR345 345	79581 GILB 345 345	1	0.28908	1031.0	1524.0	OPEN 79583 [MARCY T1 345] TO 75400 [COOPC345 345] CKT 1
							OPEN 75403 [FRASR345 345] TO 75400 [COOPC345 345] CKT 1
6938.2	78703 N.SCOT99 345	79583 MARCY T1 345	1	-0.27082	-1325.9	1792.0	OPEN 78450 [EDIC 345] TO 78702 [N.SCOT77 345] CKT 1
6950.9	75403 FRASR345 345	79581 GILB 345 345	1	0.29225	1017.3	1524.0	OPEN 75400 [COOPC345 345] TO 74001 [ROCK TAV 345] CKT 2
							OPEN 75400 [COOPC345 345] TO 79304 [N.M.TAP 345] CKT 1
							OPEN 79304 [N.M.TAP 345] TO 74001 [ROCK TAV 345] CKT 1
6965.9	75400 COOPC345 345	75403 FRASR345 345	1	-0.25834	-1251.2	1703.0	OPEN 79583 [MARCY T1 345] TO 75400 [COOPC345 345] CKT 1

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*** TLTG TRANSFER LIMIT OUTPUT FOR INTERFACE CENTRAL EAST ***

<- INTERFACE 'CENTRAL EAST' DEFINITION ->

<----- FROM ----->	<------ TO ------>	CKT	DISTR. FACTOR	PRE-SHIFT MW
75447 E.SPR115 115	79136 INGHAM-E 115	1	0.01740	16.2
78450 EDIC 345	78702 N.SCOT77 345	1	0.38356	905.6
78460 PORTER 2 230	78980 ROTRDM.2 230	1	0.09124	259.5
78460 PORTER 2 230	78980 ROTRDM.2 230	2	0.09375	266.4
78478 INGMS-CD 115	79136 INGHAM-E 115	1	0.00000	120.6
79583 MARCY T1 345	78703 N.SCOT99 345	1	0.41405	1011.0
79602 PLAT T#3 115	70511 GRAND IS 115	1	0.00000	117.2
TOTALS FOR INTERFACE CENTRAL EAST			1.00000	2696.5

TOTAL TRANS CAPAB	<---------- LIMITING ELEMENT ----------> <----- FROM ----->	<------ TO ------>	CKT	DISTR. FACTOR	PRE-SHIFT MW	RATING BAS/CNT A/C	<--------------- CONTINGENCY DESCRIPTION --------------->
1861.2	79303 SMAHWAH2 345	5028 WALDWICK 345	1	0.05678	636.4	589.0	OPEN 74340 [LADENTWN 345] TO 74313 [BUCH S 345] CKT 1
							OPEN 74347 [RAMAPO 345] TO 74312 [BUCH N 345] CKT 1
							OPEN 74410 [BUCHNTA5 138] TO 74312 [BUCH N 345] CKT 1
2345.8	INTERFACE CENTRAL EAST			1.32874	3566.0	3100.0	OPEN 78450 [EDIC 345] TO 75403 [FRASR345 345] CKT 1
							OPEN 79583 [MARCY T1 345] TO 75400 [COOPC345 345] CKT 1
2494.4	INTERFACE CENTRAL EAST			1.27216	3357.1	3100.0	OPEN 79583 [MARCY T1 345] TO 75400 [COOPC345 345] CKT 1
							OPEN 75403 [FRASR345 345] TO 75400 [COOPC345 345] CKT 1
2597.9	INTERFACE CENTRAL EAST			1.23077	3221.3	3100.0	OPEN 75400 [COOPC345 345] TO 74001 [ROCK TAV 345] CKT 2
							OPEN 75400 [COOPC345 345] TO 79304 [N.M.TAP 345] CKT 1
							OPEN 79304 [N.M.TAP 345] TO 74001 [ROCK TAV 345] CKT 1
2622.8	INTERFACE CENTRAL EAST			1.00000	3173.7	3100.0	SET BUS 71786 [SANDY PD 345] LOAD TO 0 MW DISPATCH
2622.8 *	INTERFACE CENTRAL EAST			1.00000	3173.7	3100.0	OPEN 70509 [SB RCTOR 115] TO 70508 [SANDB115 115] CKT 2
							SET BUS 71786 [SANDY PD 345] LOAD TO 0 MW DISPATCH
2647.1	INTERFACE TOTAL EAST			2.02137	6599.9	6500.0	SET BUS 71786 [SANDY PD 345] LOAD TO 0 MW DISPATCH
2647.1	INTERFACE TOTAL EAST			2.02137	6599.9	6500.0	OPEN 70509 [SB RCTOR 115] TO 70508 [SANDB115 115] CKT 2
							SET BUS 71786 [SANDY PD 345] LOAD TO 0 MW DISPATCH
2740.6	INTERFACE TOTAL EAST			2.02137	6410.9	6500.0	OPEN 70509 [SB RCTOR 115] TO 70508 [SANDB115 115] CKT 2
							REMOVE MACHINE 1 FROM BUS 72869 [SBRK G1 25.0] DISPATCH
2740.6	INTERFACE TOTAL EAST			2.02137	6410.9	6500.0	REMOVE MACHINE 1 FROM BUS 72869 [SBRK G1 25.0] DISPATCH
2756.6 *	INTERFACE TOTAL EAST			2.02137	6378.5	6500.0	REMOVE MACHINE 3 FROM BUS 73563 [MILL#3 24.0] DISPATCH
2956.3	74344 PLTVLLEY 345	78701 LEEDS 3	345 2	-0.58148	-1573.0	1724.0	OPEN 78705 [ATHENS 345] TO 74344 [PLTVLLEY 345] CKT 1
3031.4	74344 PLTVLLEY 345	78705 ATHENS	345 1	-0.56553	-1534.6	1724.0	OPEN 78701 [LEEDS 3 345] TO 74344 [PLTVLLEY 345] CKT 2
3050.1	74344 PLTVLLEY 345	78701 LEEDS 3	345 2	-0.55753	-1526.9	1724.0	OPEN 78705 [ATHENS 345] TO 74344 [PLTVLLEY 345] CKT 1
							OPEN 74344 [PLTVLLEY 345] TO 74341 [MILLWOOD 345] CKT 1
3052.6	74344 PLTVLLEY 345	78701 LEEDS 3	345 2	-0.55813	-1525.2	1724.0	OPEN 78705 [ATHENS 345] TO 74344 [PLTVLLEY 345] CKT 1
							OPEN 74344 [PLTVLLEY 345] TO 74356 [WOOD B 345] CKT 1
3130.3	74344 PLTVLLEY 345	78705 ATHENS	345 1	-0.54293	-1488.5	1724.0	OPEN 78701 [LEEDS 3 345] TO 74344 [PLTVLLEY 345] CKT 2
							OPEN 74344 [PLTVLLEY 345] TO 74356 [WOOD B 345] CKT 1
3201.2	74344 PLTVLLEY 345	78701 LEEDS 3	345 2	-0.58147	-1430.5	1724.0	OPEN 78701 [LEEDS 3 345] TO 78705 [ATHENS 345] CKT 1
3206.6	74344 PLTVLLEY 345	78705 ATHENS	345 1	-0.52843	-1454.5	1724.0	OPEN 78701 [LEEDS 3 345] TO 74344 [PLTVLLEY 345] CKT 2
							OPEN 78702 [N.SCOT77 345] TO 78701 [LEEDS 3 345] CKT 1
3231.1 *	74344 PLTVLLEY 345	78701 LEEDS 3	345 2	-0.54547	-1432.4	1724.0	OPEN 79583 [MARCY T1 345] TO 75400 [COOPC345 345] CKT 1
							OPEN 75403 [FRASR345 345] TO 75400 [COOPC345 345] CKT 1
3281.3	79303 SMAHWAH2 345	5028 WALDWICK 345	1	0.07456	545.4	589.0	OPEN 74347 [RAMAPO 345] TO 74340 [LADENTWN 345] CKT 1
							OPEN 74347 [RAMAPO 345] TO 74312 [BUCH N 345] CKT 1
							OPEN 74410 [BUCHNTA5 138] TO 74312 [BUCH N 345] CKT 1

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*** TLTG TRANSFER LIMIT OUTPUT FOR INTERFACE CENTRAL EAST ***

TOTAL TRANS CAPAB	LIMITING ELEMENT FROM	LIMITING ELEMENT TO	CKT	DISTR. FACTOR	PRE-SHIFT MW	RATING BAS/CNT A/C	CONTINGENCY DESCRIPTION
3357.2	75403 FRASR345 345	75405 OAKDL345 345	1	-0.54678	-1018.8	1380.0	OPEN 78450 [EDIC 345] TO 75403 [FRASR345 345] CKT 1
							OPEN 79583 [MARCY T1 345] TO 75400 [COOPC345 345] CKT 1
3358.3	78701 LEEDS 3 345	78703 N.SCOT99 345	2	-0.59709	-1328.8	1724.0	OPEN 78701 [LEEDS 3 345] TO 78702 [N.SCOT77 345] CKT 1
3375.5	74344 PLTVLLEY 345	78705 ATHENS 345	1	-0.51909	-1371.6	1724.0	OPEN 79583 [MARCY T1 345] TO 75400 [COOPC345 345] CKT 1
							OPEN 75403 [FRASR345 345] TO 75400 [COOPC345 345] CKT 1
3388.6	75400 COOPC345 345	75403 FRASR345 345	1	-0.39339	-934.7	1207.0	BASE CASE
3391.4	79304 N.M.TAP 345	79322 SHOEMTAP 138	1	0.14139	568.7	667.0	OPEN 74001 [ROCK TAV 345] TO 74347 [RAMAPO 345] CKT 1
							OPEN 74001 [ROCK TAV 345] TO 74046 [ROCK TV1 115] CKT 1
							OPEN 74046 [ROCK TV1 115] TO 74018 [SUGARLF 115] CKT 1
3400.4	*74344 PLTVLLEY 345	78705 ATHENS 345	1	-0.38869	-1057.4	1331.0	BASE CASE
3421.0	78703 N.SCOT99 345	79583 MARCY T1 345	1	-0.55908	-1386.9	1792.0	OPEN 78702 [N.SCOT77 345] TO 78450 [EDIC 345] CKT 1
							OPEN 78450 [EDIC 345] TO 78460 [PORTER 2 230] CKT 1
							OPEN 78450 [EDIC 345] TO 78485 [PORTER 1 115] CKT 1
3463.6	78703 N.SCOT99 345	79583 MARCY T1 345	1	-0.54993	-1370.2	1792.0	OPEN 78450 [EDIC 345] TO 75403 [FRASR345 345] CKT 1
							OPEN 79583 [MARCY T1 345] TO 75400 [COOPC345 345] CKT 1
3528.1	79586 ADRON B2 230	79590 MOSES W 230	1	-0.05378	-395.3	440.0	OPEN 79578 [MASS 765 765] TO 79577 [MARCY765 765] CKT 1
3528.1	79585 ADRON B1 230	79590 MOSES W 230	1	-0.05378	-395.3	440.0	OPEN 79578 [MASS 765 765] TO 79577 [MARCY765 765] CKT 1
3528.3	75400 COOPC345 345	75403 FRASR345 345	1	-0.52698	-1264.6	1703.0	OPEN 78460 [PORTER 2 230] TO 78980 [ROTRDM.2 230] CKT 1
							OPEN 79583 [MARCY T1 345] TO 75400 [COOPC345 345] CKT 1
3540.1	75403 FRASR345 345	79581 GILB 345 345	1	0.58434	1031.0	1524.0	OPEN 79583 [MARCY T1 345] TO 75400 [COOPC345 345] CKT 1
							OPEN 75403 [FRASR345 345] TO 75400 [COOPC345 345] CKT 1
3547.9	78703 N.SCOT99 345	79583 MARCY T1 345	1	-0.54742	-1325.9	1792.0	OPEN 78450 [EDIC 345] TO 78702 [N.SCOT77 345] CKT 1
3554.2	75403 FRASR345 345	79581 GILB 345 345	1	0.59075	1017.3	1524.0	OPEN 75400 [COOPC345 345] TO 74001 [ROCK TAV 345] CKT 2
							OPEN 75400 [COOPC345 345] TO 79304 [N.M.TAP 345] CKT 1
							OPEN 79304 [N.M.TAP 345] TO 74001 [ROCK TAV 345] CKT 1
3561.6	75400 COOPC345 345	75403 FRASR345 345	1	-0.52220	-1251.2	1703.0	OPEN 79583 [MARCY T1 345] TO 75400 [COOPC345 345] CKT 1
3563.2	75400 COOPC345 345	75403 FRASR345 345	1	-0.52208	-1250.5	1703.0	OPEN 79590 [MOSES W 230] TO 79585 [ADRON B1 230] CKT 1
							OPEN 79583 [MARCY T1 345] TO 75400 [COOPC345 345] CKT 1
3568.0	*75400 COOPC345 345	75403 FRASR345 345	1	-0.52189	-1248.2	1703.0	OPEN 79577 [MARCY765 765] TO 79583 [MARCY T1 345] CKT 1
							OPEN 79583 [MARCY T1 345] TO 75400 [COOPC345 345] CKT 1
3576.5	75400 COOPC345 345	79583 MARCY T1 345	1	-0.40696	-986.9	1345.0	OPEN 75403 [FRASR345 345] TO 75400 [COOPC345 345] CKT 1
							OPEN 75405 [OAKDL345 345] TO 75403 [FRASR345 345] CKT 1
3597.3	78701 LEEDS 3 345	78705 ATHENS 345	1	0.56553	1214.6	1724.0	OPEN 78701 [LEEDS 3 345] TO 74344 [PLTVLLEY 345] CKT 2
3600.3	75400 COOPC345 345	79583 MARCY T1 345	1	-0.40275	-981.0	1345.0	OPEN 75403 [FRASR345 345] TO 75400 [COOPC345 345] CKT 1
3602.0	75400 COOPC345 345	79583 MARCY T1 345	1	-0.40272	-980.3	1345.0	OPEN 75403 [FRASR345 345] TO 75400 [COOPC345 345] CKT 1
							OPEN 75400 [COOPC345 345] TO 75440 [COOPC115 115] CKT 1
3602.5	74002 ROSETON 345	74331 FISHKILL 345	1	0.37659	1593.8	1935.0	BASE CASE
3606.7	78703 N.SCOT99 345	79583 MARCY T1 345	1	-0.53802	-1302.3	1792.0	OPEN 79580 [JA FITZP 345] TO 78450 [EDIC 345] CKT 1
							OPEN 78702 [N.SCOT77 345] TO 78450 [EDIC 345] CKT 1
3609.4	75400 COOPC345 345	79304 N.M.TAP 345	1	0.56015	1281.6	1793.0	OPEN 74001 [ROCK TAV 345] TO 75400 [COOPC345 345] CKT 2
							OPEN 75400 [COOPC345 345] TO 75440 [COOPC115 115] CKT 1
3615.4	75400 COOPC345 345	79304 N.M.TAP 345	1	0.55973	1278.6	1793.0	OPEN 75400 [COOPC345 345] TO 74001 [ROCK TAV 345] CKT 2
3622.8	74001 ROCK TAV 345	74347 RAMAPO 345	1	0.63778	1578.3	2169.0	OPEN 74331 [FISHKILL 345] TO 74022 [E FISH I 115] CKT 1
							OPEN 74331 [FISHKILL 345] TO 74002 [ROSETON 345] CKT 1
3628.1	78450 EDIC 345	78702 N.SCOT77 345	1	0.52015	1239.5	1724.0	OPEN 79590 [MOSES W 230] TO 79586 [ADRON B2 230] CKT 1
							OPEN 79583 [MARCY T1 345] TO 78703 [N.SCOT99 345] CKT 1
3629.3	78450 EDIC 345	78702 N.SCOT77 345	1	0.52005	1238.9	1724.0	OPEN 78703 [N.SCOT99 345] TO 79583 [MARCY T1 345] CKT 1
3630.9	74001 ROCK TAV 345	74347 RAMAPO 345	1	0.62757	1582.6	2169.0	OPEN 74002 [ROSETON 345] TO 74331 [FISHKILL 345] CKT 1

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*** TLTG TRANSFER LIMIT OUTPUT FOR INTERFACE CENT E+FGILB ***

<- INTERFACE 'CENT E+FGILB' DEFINITION ->

<----- FROM ----->	<------ TO ------>	CKT	DISTR. FACTOR	PRE-SHIFT MW
75403 FRASR345 345	79581 GILB 345 345	1	0.24893	426.0
75447 E.SPR115 115	79136 INGHAM-E 115	1	0.01307	16.2
78450 EDIC 345	78702 N.SCOT77 345	1	0.28808	905.6
78460 PORTER 2 230	78980 ROTRDM.2 230	1	0.06853	259.5
78460 PORTER 2 230	78980 ROTRDM.2 230	2	0.07042	266.4
78478 INGMS-CD 115	79136 INGHAM-E 115	1	0.00000	120.6
79583 MARCY T1 345	78703 N.SCOT99 345	1	0.31098	1011.0
79602 PLAT T#3 115	70511 GRAND IS 115	1	0.00000	117.2
TOTALS FOR INTERFACE CENT E+FGILB			1.00000	3122.5

TOTAL TRANS CAPAB	<---------- LIMITING ELEMENT ----------> <----- FROM ----->	<------ TO ------>	CKT	DISTR. FACTOR	PRE-SHIFT MW	RATING BAS/CNT A/C	<---------- CONTINGENCY DESCRIPTION ---------->
2010.4	79303 SMAHWAH2 345	5028 WALDWICK 345	1	0.04265	636.4	589.0	OPEN 74340 [LADENTWN 345] TO 74313 [BUCH S 345] CKT 1
							OPEN 74347 [RAMAPO 345] TO 74312 [BUCH N 345] CKT 1
							OPEN 74410 [BUCHNTA5 138] TO 74312 [BUCH N 345] CKT 1
2655.6	INTERFACE CENTRAL EAST			0.99797	3566.0	3100.0	OPEN 78450 [EDIC 345] TO 75403 [FRASR345 345] CKT 1
							OPEN 79583 [MARCY T1 345] TO 75400 [COOPC345 345] CKT 1
2853.4	INTERFACE CENTRAL EAST			0.95548	3357.1	3100.0	OPEN 79583 [MARCY T1 345] TO 75400 [COOPC345 345] CKT 1
							OPEN 75403 [FRASR345 345] TO 75400 [COOPC345 345] CKT 1
2991.3	INTERFACE CENTRAL EAST			0.92439	3221.3	3100.0	OPEN 75400 [COOPC345 345] TO 74001 [ROCK TAV 345] CKT 2
							OPEN 75400 [COOPC345 345] TO 79304 [N.M.TAP 345] CKT 1
							OPEN 79304 [N.M.TAP 345] TO 74001 [ROCK TAV 345] CKT 1
3024.4	INTERFACE CENTRAL EAST			0.75107	3173.7	3100.0	SET BUS 71786 [SANDY PD 345] LOAD TO 0 MW DISPATCH
3024.4 *	INTERFACE CENTRAL EAST			0.75107	3173.7	3100.0	OPEN 70509 [SB RCTOR 115] TO 70508 [SANDB115 115] CKT 2
							SET BUS 71786 [SANDY PD 345] LOAD TO 0 MW DISPATCH
3056.7	INTERFACE TOTAL EAST			1.51818	6599.9	6500.0	SET BUS 71786 [SANDY PD 345] LOAD TO 0 MW DISPATCH
3056.7	INTERFACE TOTAL EAST			1.51818	6599.9	6500.0	OPEN 70509 [SB RCTOR 115] TO 70508 [SANDB115 115] CKT 2
							SET BUS 71786 [SANDY PD 345] LOAD TO 0 MW DISPATCH
3181.2	INTERFACE TOTAL EAST			1.51818	6410.9	6500.0	OPEN 70509 [SB RCTOR 115] TO 70508 [SANDB115 115] CKT 2
							REMOVE MACHINE 1 FROM BUS 72869 [SBRK G1 25.0] DISPATCH
3181.2	INTERFACE TOTAL EAST			1.51818	6410.9	6500.0	REMOVE MACHINE 1 FROM BUS 72869 [SBRK G1 25.0] DISPATCH
3202.5 *	INTERFACE TOTAL EAST			1.51818	6378.5	6500.0	REMOVE MACHINE 3 FROM BUS 73563 [MILL#3 24.0] DISPATCH
3468.4	74344 PLTVLLEY 345	78701 LEEDS 3	345 2	-0.43673	-1573.0	1724.0	OPEN 78705 [ATHENS 345] TO 74344 [PLTVLLEY 345] CKT 1
3568.4	74344 PLTVLLEY 345	78705 ATHENS	345 1	-0.42475	-1534.6	1724.0	OPEN 78701 [LEEDS 3 345] TO 74344 [PLTVLLEY 345] CKT 2
3593.3	74344 PLTVLLEY 345	78701 LEEDS 3	345 2	-0.41875	-1526.9	1724.0	OPEN 78705 [ATHENS 345] TO 74344 [PLTVLLEY 345] CKT 1
							OPEN 74344 [PLTVLLEY 345] TO 74341 [MILLWOOD 345] CKT 1
3596.7	74344 PLTVLLEY 345	78701 LEEDS 3	345 2	-0.41919	-1525.2	1724.0	OPEN 78705 [ATHENS 345] TO 74344 [PLTVLLEY 345] CKT 1
							OPEN 74344 [PLTVLLEY 345] TO 74356 [WOOD B 345] CKT 1
3700.1	74344 PLTVLLEY 345	78705 ATHENS	345 1	-0.40778	-1488.5	1724.0	OPEN 78701 [LEEDS 3 345] TO 74344 [PLTVLLEY 345] CKT 2
							OPEN 74344 [PLTVLLEY 345] TO 74356 [WOOD B 345] CKT 1
3794.5	74344 PLTVLLEY 345	78701 LEEDS 3	345 2	-0.43673	-1430.5	1724.0	OPEN 78701 [LEEDS 3 345] TO 78705 [ATHENS 345] CKT 1
3801.6	74344 PLTVLLEY 345	78705 ATHENS	345 1	-0.39688	-1454.5	1724.0	OPEN 78701 [LEEDS 3 345] TO 74344 [PLTVLLEY 345] CKT 2
							OPEN 78702 [N.SCOT77 345] TO 78701 [LEEDS 3 345] CKT 1
3834.3 *	74344 PLTVLLEY 345	78701 LEEDS 3	345 2	-0.40968	-1432.4	1724.0	OPEN 79583 [MARCY T1 345] TO 75400 [COOPC345 345] CKT 1
							OPEN 75403 [FRASR345 345] TO 75400 [COOPC345 345] CKT 1

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*** TLTG TRANSFER LIMIT OUTPUT FOR INTERFACE CENT E+FGILB ***

TOTAL TRANS CAPAB	LIMITING ELEMENT FROM	LIMITING ELEMENT TO	CKT	DISTR. FACTOR	PRE-SHIFT MW	RATING BAS/CNT A/C	CONTINGENCY DESCRIPTION
3901.2	79303 SMAHWAH2 345	5028 WALDWICK 345	1	0.05600	545.4	589.0	OPEN 74347 [RAMAPO 345] TO 74340 [LADENTWN 345] CKT 1
							OPEN 74347 [RAMAPO 345] TO 74312 [BUCH N 345] CKT 1
							OPEN 74410 [BUCHNTA5 138] TO 74312 [BUCH N 345] CKT 1
4002.2	75403 FRASR345 345	75405 OAKDL345 345	1	-0.41067	-1018.8	1380.0	OPEN 78450 [EDIC 345] TO 75403 [FRASR345 345] CKT 1
							OPEN 79583 [MARCY T1 345] TO 75400 [COOPC345 345] CKT 1
4003.7	78701 LEEDS 3 345	78703 N.SCOT99 345	2	-0.44846	-1328.8	1724.0	OPEN 78701 [LEEDS 3 345] TO 78702 [N.SCOT77 345] CKT 1
4026.5	74344 PLTVLLEY 345	78705 ATHENS 345	1	-0.38987	-1371.6	1724.0	OPEN 79583 [MARCY T1 345] TO 75400 [COOPC345 345] CKT 1
							OPEN 75403 [FRASR345 345] TO 75400 [COOPC345 345] CKT 1
4044.0	75400 COOPC345 345	75403 FRASR345 345	1	-0.29546	-934.7	1207.0	BASE CASE
4047.7	79304 N.M.TAP 345	79322 SHOEMTAP 138	1	0.10619	568.7	667.0	OPEN 74001 [ROCK TAV 345] TO 74347 [RAMAPO 345] CKT 1
							OPEN 74001 [ROCK TAV 345] TO 74046 [ROCK TV1 115] CKT 1
							OPEN 74046 [ROCK TV1 115] TO 74018 [SUGARLF 115] CKT 1
4059.8	*74344 PLTVLLEY 345	78705 ATHENS 345	1	-0.29193	-1057.4	1331.0	BASE CASE
4087.1	78703 N.SCOT99 345	79583 MARCY T1 345	1	-0.41991	-1386.9	1792.0	OPEN 78702 [N.SCOT77 345] TO 78450 [EDIC 345] CKT 1
							OPEN 78450 [EDIC 345] TO 78460 [PORTER 2 230] CKT 1
							OPEN 78450 [EDIC 345] TO 78485 [PORTER 1 115] CKT 1
4143.8	78703 N.SCOT99 345	79583 MARCY T1 345	1	-0.41303	-1370.2	1792.0	OPEN 78450 [EDIC 345] TO 75403 [FRASR345 345] CKT 1
							OPEN 79583 [MARCY T1 345] TO 75400 [COOPC345 345] CKT 1
4229.7	79586 ADRON B2 230	79590 MOSES W 230	1	-0.04040	-395.3	440.0	OPEN 79578 [MASS 765 765] TO 79577 [MARCY765 765] CKT 1
4229.7	79585 ADRON B1 230	79590 MOSES W 230	1	-0.04040	-395.3	440.0	OPEN 79578 [MASS 765 765] TO 79577 [MARCY765 765] CKT 1
4230.0	75400 COOPC345 345	75403 FRASR345 345	1	-0.39580	-1264.6	1703.0	OPEN 78460 [PORTER 2 230] TO 78980 [ROTRDM.2 230] CKT 1
							OPEN 79583 [MARCY T1 345] TO 75400 [COOPC345 345] CKT 1
4245.8	75403 FRASR345 345	79581 GILB 345 345	1	0.43888	1031.0	1524.0	OPEN 79583 [MARCY T1 345] TO 75400 [COOPC345 345] CKT 1
							OPEN 75403 [FRASR345 345] TO 75400 [COOPC345 345] CKT 1
4256.2	78703 N.SCOT99 345	79583 MARCY T1 345	1	-0.41115	-1325.9	1792.0	OPEN 78450 [EDIC 345] TO 78702 [N.SCOT77 345] CKT 1
4264.5	75403 FRASR345 345	79581 GILB 345 345	1	0.44369	1017.3	1524.0	OPEN 75400 [COOPC345 345] TO 74001 [ROCK TAV 345] CKT 2
							OPEN 75400 [COOPC345 345] TO 79304 [N.M.TAP 345] CKT 1
							OPEN 79304 [N.M.TAP 345] TO 74001 [ROCK TAV 345] CKT 1
4274.4	75400 COOPC345 345	75403 FRASR345 345	1	-0.39221	-1251.2	1703.0	OPEN 79583 [MARCY T1 345] TO 75400 [COOPC345 345] CKT 1
4276.4	75400 COOPC345 345	75403 FRASR345 345	1	-0.39211	-1250.5	1703.0	OPEN 79590 [MOSES W 230] TO 79585 [ADRON B1 230] CKT 1
							OPEN 79583 [MARCY T1 345] TO 75400 [COOPC345 345] CKT 1
4282.9	*75400 COOPC345 345	75403 FRASR345 345	1	-0.39197	-1248.2	1703.0	OPEN 79577 [MARCY765 765] TO 79583 [MARCY T1 345] CKT 1
							OPEN 79583 [MARCY T1 345] TO 75400 [COOPC345 345] CKT 1
4294.2	75400 COOPC345 345	79583 MARCY T1 345	1	-0.30566	-986.9	1345.0	OPEN 75403 [FRASR345 345] TO 75400 [COOPC345 345] CKT 1
							OPEN 75405 [OAKDL345 345] TO 75403 [FRASR345 345] CKT 1
4321.8	78701 LEEDS 3 345	78705 ATHENS 345	1	0.42475	1214.6	1724.0	OPEN 78701 [LEEDS 3 345] TO 74344 [PLTVLLEY 345] CKT 2
4325.9	75400 COOPC345 345	79583 MARCY T1 345	1	-0.30249	-981.0	1345.0	OPEN 75403 [FRASR345 345] TO 75400 [COOPC345 345] CKT 1
4328.1	75400 COOPC345 345	79583 MARCY T1 345	1	-0.30247	-980.3	1345.0	OPEN 75403 [FRASR345 345] TO 75400 [COOPC345 345] CKT 1
							OPEN 75400 [COOPC345 345] TO 75440 [COOPC115 115] CKT 1
4328.7	74002 ROSETON 345	74331 FISHKILL 345	1	0.28284	1593.8	1935.0	BASE CASE
4334.4	78703 N.SCOT99 345	79583 MARCY T1 345	1	-0.40409	-1302.3	1792.0	OPEN 79580 [JA FITZP 345] TO 78450 [EDIC 345] CKT 1
							OPEN 78702 [N.SCOT77 345] TO 78450 [EDIC 345] CKT 1
4338.0	75400 COOPC345 345	79304 N.M.TAP 345	1	0.42071	1281.6	1793.0	OPEN 74001 [ROCK TAV 345] TO 75400 [COOPC345 345] CKT 2
							OPEN 75400 [COOPC345 345] TO 75440 [COOPC115 115] CKT 1
4346.0	75400 COOPC345 345	79304 N.M.TAP 345	1	0.42039	1278.6	1793.0	OPEN 75400 [COOPC345 345] TO 74001 [ROCK TAV 345] CKT 2
4355.8	74001 ROCK TAV 345	74347 RAMAPO 345	1	0.47902	1578.3	2169.0	OPEN 74331 [FISHKILL 345] TO 74022 [E FISH I 115] CKT 1
							OPEN 74331 [FISHKILL 345] TO 74002 [ROSETON 345] CKT 1

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*** TLTG TRANSFER LIMIT OUTPUT FOR INTERFACE CE GROUP ***

<- INTERFACE 'CE GROUP ' DEFINITION ->

<----- FROM ----->	<------ TO ------>	CKT	DISTR. FACTOR	PRE-SHIFT MW
75512 W.WDB115 115	76210 W.WDBR6969.0	1	0.00483	22.6
75403 FRASR345 345	79581 GILB 345 345	1	0.16397	426.0
75400 COOPC345 345	74001 ROCK TAV 345	2	0.16248	720.3
75400 COOPC345 345	79304 N.M.TAP 345	1	0.17401	822.5
75447 E.SPR115 115	79136 INGHAM-E 115	1	0.00861	16.2
78450 EDIC 345	78702 N.SCOT77 345	1	0.18975	905.6
78460 PORTER 2 230	78980 ROTRDM.2 230	1	0.04514	259.5
78460 PORTER 2 230	78980 ROTRDM.2 230	2	0.04638	266.4
78478 INGMS-CD 115	79136 INGHAM-E 115	1	0.00000	120.6
79583 MARCY T1 345	78703 N.SCOT99 345	1	0.20484	1011.0
TOTALS FOR INTERFACE CE GROUP			1.00000	4570.7

TOTAL TRANS CAPAB		<---------- LIMITING ELEMENT ----------> <------ FROM ----->	<------ TO ------>	CKT	DISTR. FACTOR	PRE-SHIFT MW	RATING BAS/CNT A/C	<---------- CONTINGENCY DESCRIPTION ---------->
2882.3	79303	SMAHWAH2 345	5028 WALDWICK 345	1	0.02809	636.4	589.0	OPEN 74340 [LADENTWN 345] TO 74313 [BUCH S 345] CKT 1
								OPEN 74347 [RAMAPO 345] TO 74312 [BUCH N 345] CKT 1
								OPEN 74410 [BUCHNTA5 138] TO 74312 [BUCH N 345] CKT 1
3861.9		INTERFACE CENTRAL EAST			0.65735	3566.0	3100.0	OPEN 78450 [EDIC 345] TO 75403 [FRASR345 345] CKT 1
								OPEN 79583 [MARCY T1 345] TO 75400 [COOPC345 345] CKT 1
4162.2		INTERFACE CENTRAL EAST			0.62936	3357.1	3100.0	OPEN 79583 [MARCY T1 345] TO 75400 [COOPC345 345] CKT 1
								OPEN 75403 [FRASR345 345] TO 75400 [COOPC345 345] CKT 1
4371.5		INTERFACE CENTRAL EAST			0.60888	3221.3	3100.0	OPEN 75400 [COOPC345 345] TO 74001 [ROCK TAV 345] CKT 2
								OPEN 75400 [COOPC345 345] TO 79304 [N.M.TAP 345] CKT 1
								OPEN 79304 [N.M.TAP 345] TO 74001 [ROCK TAV 345] CKT 1
4421.8		INTERFACE CENTRAL EAST			0.49471	3173.7	3100.0	SET BUS 71786 [SANDY PD 345] LOAD TO 0 MW DISPATCH
4421.8	*	INTERFACE CENTRAL EAST			0.49471	3173.7	3100.0	OPEN 70509 [SB RCTOR 115] TO 70508 [SANDB115 115] CKT 2
								SET BUS 71786 [SANDY PD 345] LOAD TO 0 MW DISPATCH
4470.9		INTERFACE TOTAL EAST			1.00000	6599.9	6500.0	SET BUS 71786 [SANDY PD 345] LOAD TO 0 MW DISPATCH
4470.9		INTERFACE TOTAL EAST			1.00000	6599.9	6500.0	OPEN 70509 [SB RCTOR 115] TO 70508 [SANDB115 115] CKT 2
								SET BUS 71786 [SANDY PD 345] LOAD TO 0 MW DISPATCH
4659.8		INTERFACE TOTAL EAST			1.00000	6410.9	6500.0	OPEN 70509 [SB RCTOR 115] TO 70508 [SANDB115 115] CKT 2
								REMOVE MACHINE 1 FROM BUS 72869 [SBRK G1 25.0] DISPATCH
4659.8		INTERFACE TOTAL EAST			1.00000	6410.9	6500.0	REMOVE MACHINE 1 FROM BUS 72869 [SBRK G1 25.0] DISPATCH
4692.2	*	INTERFACE TOTAL EAST			1.00000	6378.5	6500.0	REMOVE MACHINE 3 FROM BUS 73563 [MILL#3 24.0] DISPATCH
5095.8	74344	PLTVLLEY 345	78701 LEEDS 3	345 2	-0.28766	-1573.0	1724.0	OPEN 78705 [ATHENS 345] TO 74344 [PLTVLLEY 345] CKT 1
5247.7	74344	PLTVLLEY 345	78705 ATHENS	345 1	-0.27978	-1534.6	1724.0	OPEN 78701 [LEEDS 3 345] TO 74344 [PLTVLLEY 345] CKT 2
5285.5	74344	PLTVLLEY 345	78701 LEEDS 3	345 2	-0.27582	-1526.9	1724.0	OPEN 78705 [ATHENS 345] TO 74344 [PLTVLLEY 345] CKT 1
								OPEN 74344 [PLTVLLEY 345] TO 74341 [MILLWOOD 345] CKT 1
5290.6	74344	PLTVLLEY 345	78701 LEEDS 3	345 2	-0.27611	-1525.2	1724.0	OPEN 78705 [ATHENS 345] TO 74344 [PLTVLLEY 345] CKT 1
								OPEN 74344 [PLTVLLEY 345] TO 74356 [WOOD B 345] CKT 1
5447.7	74344	PLTVLLEY 345	78705 ATHENS	345 1	-0.26860	-1488.5	1724.0	OPEN 78701 [LEEDS 3 345] TO 74344 [PLTVLLEY 345] CKT 2
								OPEN 74344 [PLTVLLEY 345] TO 74356 [WOOD B 345] CKT 1
5591.0	74344	PLTVLLEY 345	78701 LEEDS 3	345 2	-0.28766	-1430.5	1724.0	OPEN 78701 [LEEDS 3 345] TO 78705 [ATHENS 345] CKT 1
5601.8	74344	PLTVLLEY 345	78705 ATHENS	345 1	-0.26142	-1454.5	1724.0	OPEN 78701 [LEEDS 3 345] TO 74344 [PLTVLLEY 345] CKT 2
								OPEN 78702 [N.SCOT77 345] TO 78701 [LEEDS 3 345] CKT 1
5651.4	*74344	PLTVLLEY 345	78701 LEEDS 3	345 2	-0.26985	-1432.4	1724.0	OPEN 79583 [MARCY T1 345] TO 75400 [COOPC345 345] CKT 1
								OPEN 75403 [FRASR345 345] TO 75400 [COOPC345 345] CKT 1

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*** TLTG TRANSFER LIMIT OUTPUT FOR INTERFACE CE GROUP ***

TOTAL TRANS CAPAB	LIMITING ELEMENT FROM	LIMITING ELEMENT TO	CKT	DISTR. FACTOR	PRE-SHIFT MW	RATING BAS/CNT A/C	CONTINGENCY DESCRIPTION
5752.9	79303 SMAHWAH2 345	5028 WALDWICK 345	1	0.03688	545.4	589.0	OPEN 74347 [RAMAPO 345] TO 74340 [LADENTWN 345] CKT 1
							OPEN 74347 [RAMAPO 345] TO 74312 [BUCH N 345] CKT 1
							OPEN 74410 [BUCHNTA5 138] TO 74312 [BUCH N 345] CKT 1
5906.2	75403 FRASR345 345	75405 OAKDL345 345	1	-0.27050	-1018.8	1380.0	OPEN 78450 [EDIC 345] TO 75403 [FRASR345 345] CKT 1
							OPEN 79583 [MARCY T1 345] TO 75400 [COOPC345 345] CKT 1
5908.5	78701 LEEDS 3 345	78703 N.SCOT99 345	2	-0.29539	-1328.8	1724.0	OPEN 78701 [LEEDS 3 345] TO 78702 [N.SCOT77 345] CKT 1
5943.2	74344 PLTVLLEY 345	78705 ATHENS 345	1	-0.25680	-1371.6	1724.0	OPEN 79583 [MARCY T1 345] TO 75400 [COOPC345 345] CKT 1
							OPEN 75403 [FRASR345 345] TO 75400 [COOPC345 345] CKT 1
5969.8	75400 COOPC345 345	75403 FRASR345 345	1	-0.19461	-934.7	1207.0	BASE CASE
5975.4	79304 N.M.TAP 345	79322 SHOEMTAP 138	1	0.06995	568.7	667.0	OPEN 74001 [ROCK TAV 345] TO 74347 [RAMAPO 345] CKT 1
							OPEN 74001 [ROCK TAV 345] TO 74046 [ROCK TV1 115] CKT 1
							OPEN 74046 [ROCK TV1 115] TO 74018 [SUGARLF 115] CKT 1
5993.7	*74344 PLTVLLEY 345	78705 ATHENS 345	1	-0.19229	-1057.4	1331.0	BASE CASE
6035.2	78703 N.SCOT99 345	79583 MARCY T1 345	1	-0.27658	-1386.9	1792.0	OPEN 78702 [N.SCOT77 345] TO 78450 [EDIC 345] CKT 1
							OPEN 78450 [EDIC 345] TO 78460 [PORTER 2 230] CKT 1
							OPEN 78450 [EDIC 345] TO 78485 [PORTER 1 115] CKT 1
6121.3	78703 N.SCOT99 345	79583 MARCY T1 345	1	-0.27206	-1370.2	1792.0	OPEN 78450 [EDIC 345] TO 75403 [FRASR345 345] CKT 1
							OPEN 79583 [MARCY T1 345] TO 75400 [COOPC345 345] CKT 1
6251.6	79586 ADRON B2 230	79590 MOSES W 230	1	-0.02661	-395.3	440.0	OPEN 79578 [MASS 765 765] TO 79577 [MARCY765 765] CKT 1
6251.7	79585 ADRON B1 230	79590 MOSES W 230	1	-0.02661	-395.3	440.0	OPEN 79578 [MASS 765 765] TO 79577 [MARCY765 765] CKT 1
6252.2	75400 COOPC345 345	75403 FRASR345 345	1	-0.26070	-1264.6	1703.0	OPEN 78460 [PORTER 2 230] TO 78980 [ROTRDM.2 230] CKT 1
							OPEN 79583 [MARCY T1 345] TO 75400 [COOPC345 345] CKT 1
6276.0	75403 FRASR345 345	79581 GILB 345	345 1	0.28908	1031.0	1524.0	OPEN 79583 [MARCY T1 345] TO 75400 [COOPC345 345] CKT 1
							OPEN 75403 [FRASR345 345] TO 75400 [COOPC345 345] CKT 1
6291.8	78703 N.SCOT99 345	79583 MARCY T1 345	1	-0.27082	-1325.9	1792.0	OPEN 78450 [EDIC 345] TO 78702 [N.SCOT77 345] CKT 1
6304.5	75403 FRASR345 345	79581 GILB 345	345 1	0.29225	1017.3	1524.0	OPEN 75400 [COOPC345 345] TO 74001 [ROCK TAV 345] CKT 2
							OPEN 75400 [COOPC345 345] TO 79304 [N.M.TAP 345] CKT 1
							OPEN 79304 [N.M.TAP 345] TO 74001 [ROCK TAV 345] CKT 1
6319.5	75400 COOPC345 345	75403 FRASR345 345	1	-0.25834	-1251.2	1703.0	OPEN 79583 [MARCY T1 345] TO 75400 [COOPC345 345] CKT 1
6322.6	75400 COOPC345 345	75403 FRASR345 345	1	-0.25828	-1250.5	1703.0	OPEN 79590 [MOSES W 230] TO 79585 [ADRON B1 230] CKT 1
							OPEN 79583 [MARCY T1 345] TO 75400 [COOPC345 345] CKT 1
6332.4	*75400 COOPC345 345	75403 FRASR345 345	1	-0.25819	-1248.2	1703.0	OPEN 79577 [MARCY765 765] TO 79583 [MARCY T1 345] CKT 1
							OPEN 79583 [MARCY T1 345] TO 75400 [COOPC345 345] CKT 1
6349.6	75400 COOPC345 345	79583 MARCY T1 345	1	-0.20133	-986.9	1345.0	OPEN 75403 [FRASR345 345] TO 75400 [COOPC345 345] CKT 1
							OPEN 75405 [OAKDL345 345] TO 75403 [FRASR345 345] CKT 1
6391.5	78701 LEEDS 3 345	78705 ATHENS 345	1	0.27977	1214.6	1724.0	OPEN 78701 [LEEDS 3 345] TO 74344 [PLTVLLEY 345] CKT 2
6397.7	75400 COOPC345 345	79583 MARCY T1 345	1	-0.19924	-981.0	1345.0	OPEN 75403 [FRASR345 345] TO 75400 [COOPC345 345] CKT 1
6401.0	75400 COOPC345 345	79583 MARCY T1 345	1	-0.19923	-980.3	1345.0	OPEN 75403 [FRASR345 345] TO 75400 [COOPC345 345] CKT 1
							OPEN 75400 [COOPC345 345] TO 75440 [COOPC115 115] CKT 1
6402.0	74002 ROSETON 345	74331 FISHKILL 345	1	0.18630	1593.8	1935.0	BASE CASE
6410.6	78703 N.SCOT99 345	79583 MARCY T1 345	1	-0.26617	-1302.3	1792.0	OPEN 79580 [JA FITZP 345] TO 78450 [EDIC 345] CKT 1
							OPEN 78702 [N.SCOT77 345] TO 78450 [EDIC 345] CKT 1
6416.1	75400 COOPC345 345	79304 N.M.TAP 345	1	0.27711	1281.6	1793.0	OPEN 74001 [ROCK TAV 345] TO 75400 [COOPC345 345] CKT 2
							OPEN 75400 [COOPC345 345] TO 75440 [COOPC115 115] CKT 1
6428.3	75400 COOPC345 345	79304 N.M.TAP 345	1	0.27691	1278.6	1793.0	OPEN 75400 [COOPC345 345] TO 74001 [ROCK TAV 345] CKT 2
6443.0	74001 ROCK TAV 345	74347 RAMAPO 345	1	0.31552	1578.3	2169.0	OPEN 74331 [FISHKILL 345] TO 74022 [E FISH I 115] CKT 1
							OPEN 74331 [FISHKILL 345] TO 74002 [ROSETON 345] CKT 1

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*** TLTG EXPORT LIMIT OUTPUT FOR BASE CASE ***

DISTRIBUTION FACTOR FILE: C:\NYISO\CRPP4\uc.dfx
SUBSYSTEM DESCRIPTION FILE: C:\NYISO\CRPP\sysuc.sub
MONITORED ELEMENT FILE: C:\NYISO\CRPP\monuc.mon
CONTINGENCY DESCRIPTION FILE: C:\NYISO\CRPP\contuc.con

	PRE-SHIFT	DELTA	POST-SHIFT
STUDY SYSTEM MW GENERATION:	717.4	1000.0	1717.4
OPPOSING SYSTEM MW GENERATION:	2839.6	-1000.0	1839.6
STUDY SYSTEM NET INTERCHANGE:	700.1	1000.0	1700.1

STUDY SYSTEM				OPPOSING SYSTEM				
		GENERATOR MW				GENERATOR MW		
BUS	BUS NAME	BASE	SHIFT	CHANGE	BUS	BUS NAME	BASE	SHIFT	CHANGE
80900	LAKEVWG518.0	211.9	545.2	333.3	74302	ER G7	13.2	166.0	96.0	-70.0
81422	LENNOXG220.0	505.5	1172.2	666.7	74702	RAV 3	22.0	972.0	672.0	-300.0
					74705	AST 4	20.0	575.6	375.6	-200.0
					74706	AST 5	20.0	361.0	261.0	-100.0
					74707	RAV 1	20.0	385.0	235.0	-150.0
					74907	NRTPTG2	22.0	380.0	200.0	-180.0

LOADINGS AT OR ABOVE 100.0 %
OF RATING ARE MARKED WITH '*'

FROM		TO		CKT	TOTAL TRANS CAPAB	BASE CASE RATING A	PRE-SHIFT MW	POST-SHIFT MW	LIMIT CASE MW	DISTR. FACTOR
74403	ASTORIAW 138	74496	HG 5 138	1	1555.3	177	46.2	199.1*	177.0*	0.15297
74403	ASTORIAW 138	74497	HG 6 138	1	1610.4	177	45.0	190.0*	169.0	0.14500
74344	PLTVLLEY 345	78701	LEEDS 3 345	2	1830.5	1331	-1102.	-1305.	-1275.	-0.20235
74435	E179 ST 138	74497	HG 6 138	1	2069.7	222	189.2	-111.0	-67.6	-0.30026
74650	REAC71 345	74691	S. BRONX 345	3	2113.5	715	417.2	627.9	597.4	0.21071
74651	REAC72 345	74691	S. BRONX 345	4	2113.5	715	417.2	627.9	597.4	0.21071
74316	DUNWODIE 345	74650	REAC71 345	SR	2113.5	715	417.2	627.9	597.4	0.21071
74316	DUNWODIE 345	74651	REAC72 345	SR	2113.5	715	417.2	627.9	597.4	0.21071
74344	PLTVLLEY 345	78705	ATHENS 345	1	2121.0	1331	-1057.	-1250.	-1222.	-0.19256
74316	DUNWODIE 345	75000	SHORE RD 345	1	2170.5	687	423.7	602.8	576.9	0.17903
74348	SPRBROOK 345	74568	REACM52 345	SR	2369.7	774	440.8	640.4	611.5	0.19955
74348	SPRBROOK 345	74567	REACM51 345	SR	2369.7	774	440.8	640.4	611.5	0.19955
74354	W 49 ST 345	74568	REACM52 345	2	2377.3	774	-439.3	-638.9	-610.0	-0.19955
74354	W 49 ST 345	74567	REACM51 345	1	2377.3	774	-439.3	-638.9	-610.0	-0.19955
74002	ROSETON 345	74331	FISHKILL 345	1	2403.8	1935	1593.8	1794.1	1765.1	0.20025
74345	RAINEY 345	74612	8W DUM 138	8	2535.1	240	-170.5	53.2	20.8	0.22368
74345	RAINEY 345	74691	S. BRONX 345	4	2804.6	715	-271.6	-482.3	-451.8	-0.21071
74345	RAINEY 345	74691	S. BRONX 345	3	2804.6	715	-271.6	-482.3	-451.8	-0.21071
74345	RAINEY 345	74611	8E DUM 138	8	2946.1	271	-238.0	-11.4	-44.2	0.22661
	INTERFACE F TO G				3103.3	4527	3140.6	3717.5	3634.0	0.57689
74384	ASTE-ERG 138	74495	HG 4 138	1	3227.9	161	218.3*	68.3	90.0	-0.15006
74402	ASTE-WRG 138	74492	HG 1 138	1	3256.0	161	222.2*	72.3	94.0	-0.14993
74435	E179 ST 138	74495	HG 4 138	1	3474.3	161	-255.1*	-105.1	-126.8	0.14999

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*** TLTG TRANSFER LIMIT OUTPUT FOR INTERFACE F TO G ***

<- INTERFACE 'F TO G ' DEFINITION ->

<----- FROM ----->	<------ TO ------>	CKT	DISTR. FACTOR	PRE-SHIFT MW
78742 BLUES-8 115	74043 PL.VAL 1 115	1	0.02169	60.9
78739 BL STR E 115	74043 PL.VAL 1 115	1	0.02538	51.8
78730 ADM 115	74043 PL.VAL 1 115	1	0.02251	50.8
78757 BOC 2T 115	74040 N.CAT. 1 115	2	0.02004	97.3
78701 LEEDS 3 345	74000 HURLEY 3 345	1	0.22582	720.2
78705 ATHENS 345	74344 PLTVLLEY 345	1	0.33380	1057.4
78701 LEEDS 3 345	74344 PLTVLLEY 345	2	0.35076	1102.3
TOTALS FOR INTERFACE F TO G			1.00000	3140.6

TOTAL TRANS CAPAB	<---------- LIMITING ELEMENT ----------> <----- FROM ----->	<------ TO ------>	CKT	DISTR. FACTOR	PRE-SHIFT MW	RATING BAS/CNT A/C	<---------- CONTINGENCY DESCRIPTION ---------->
802.1	79319 RAMP138 138	79361 TALLMAN 138	1	0.04124	400.8	304.4	OPEN 74347 [RAMAPO 345] TO 74340 [LADENTWN 345] CKT 1
							OPEN 74340 [LADENTWN 345] TO 79300 [WHAV345 345] CKT 1
							OPEN 79300 [WHAV345 345] TO 74310 [BOWLINE1 345] CKT 10
							OPEN 79300 [WHAV345 345] TO 79325 [WHAV138 138] CKT 1
							OPEN 79391 [BOW1 20.0] TO 74310 [BOWLINE1 345] CKT 1
							REDUCE BUS 79391 [BOW1 20.0] GENERATION BY 100 PERCENT DISPATCH
2006.6	74018 SUGARLF 115	74046 ROCK TV1 115	1	-0.03612	-259.0	218.0	OPEN 79321 [SHOEM138 138] TO 79322 [SHOEMTAP 138] CKT 1
2006.6	74018 SUGARLF 115	74046 ROCK TV1 115	1	-0.03612	-259.0	218.0	OPEN 79304 [N.M.TAP 345] TO 79322 [SHOEMTAP 138] CKT 1
2023.5	74018 SUGARLF 115	79359 SGRLF69 69.0	1	0.03612	258.3	218.0	OPEN 79321 [SHOEM138 138] TO 79322 [SHOEMTAP 138] CKT 1
2023.5	74018 SUGARLF 115	79359 SGRLF69 69.0	1	0.03612	258.3	218.0	OPEN 79304 [N.M.TAP 345] TO 79322 [SHOEMTAP 138] CKT 1
2292.8	79313 MONSEY 138	79361 TALLMAN 138	1	-0.04123	-339.4	304.4	OPEN 74347 [RAMAPO 345] TO 74340 [LADENTWN 345] CKT 1
							OPEN 74340 [LADENTWN 345] TO 79300 [WHAV345 345] CKT 1
							OPEN 79300 [WHAV345 345] TO 74310 [BOWLINE1 345] CKT 10
							OPEN 79300 [WHAV345 345] TO 79325 [WHAV138 138] CKT 1
							OPEN 79391 [BOW1 20.0] TO 74310 [BOWLINE1 345] CKT 1
							REDUCE BUS 79391 [BOW1 20.0] GENERATION BY 100 PERCENT DISPATCH
2344.8	74018 SUGARLF 115	74046 ROCK TV1 115	1	-0.03682	-247.3	218.0	OPEN 79304 [N.M.TAP 345] TO 75400 [COOPC345 345] CKT 1
							OPEN 74001 [ROCK TAV 345] TO 79304 [N.M.TAP 345] CKT 1
							OPEN 74002 [ROSETON 345] TO 74001 [ROCK TAV 345] CKT 1
2361.4	74018 SUGARLF 115	79359 SGRLF69 69.0	1	0.03683	246.7	218.0	OPEN 79304 [N.M.TAP 345] TO 75400 [COOPC345 345] CKT 1
							OPEN 74001 [ROCK TAV 345] TO 79304 [N.M.TAP 345] CKT 1
							OPEN 74002 [ROSETON 345] TO 74001 [ROCK TAV 345] CKT 1
2486.2	79303 SMAHWAH2 345	5028 WALDWICK 345	1	0.07247	636.4	589.0	OPEN 74340 [LADENTWN 345] TO 74313 [BUCH S 345] CKT 1
							OPEN 74347 [RAMAPO 345] TO 74312 [BUCH N 345] CKT 1
							OPEN 74410 [BUCHNTA5 138] TO 74312 [BUCH N 345] CKT 1
3057.9	74018 SUGARLF 115	74046 ROCK TV1 115	1	-0.04028	-221.3	218.0	OPEN 74001 [ROCK TAV 345] TO 74347 [RAMAPO 345] CKT 1
							OPEN 74347 [RAMAPO 345] TO 74312 [BUCH N 345] CKT 1
							OPEN 74410 [BUCHNTA5 138] TO 74312 [BUCH N 345] CKT 1
3073.1	74018 SUGARLF 115	79359 SGRLF69 69.0	1	0.04028	220.7	218.0	OPEN 74001 [ROCK TAV 345] TO 74347 [RAMAPO 345] CKT 1
							OPEN 74347 [RAMAPO 345] TO 74312 [BUCH N 345] CKT 1
							OPEN 74410 [BUCHNTA5 138] TO 74312 [BUCH N 345] CKT 1

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*** TLTG TRANSFER LIMIT OUTPUT FOR INTERFACE F TO G ***

TOTAL TRANS CAPAB	LIMITING ELEMENT FROM	LIMITING ELEMENT TO	CKT	DISTR. FACTOR	PRE-SHIFT MW	RATING BAS/CNT A/C	CONTINGENCY DESCRIPTION
3147.7	79311 BURNS138 138	79313 MONSEY 138 1		-0.04123	-304.1	304.4	OPEN 74347 [RAMAPO 345] TO 74340 [LADENTWN 345] CKT 1
							OPEN 74340 [LADENTWN 345] TO 79300 [WHAV345 345] CKT 1
							OPEN 79300 [WHAV345 345] TO 74310 [BOWLINE1 345] CKT 10
							OPEN 79300 [WHAV345 345] TO 79325 [WHAV138 138] CKT 1
							OPEN 79391 [BOW1 20.0] TO 74310 [BOWLINE1 345] CKT 1
							REDUCE BUS 79391 [BOW1 20.0] GENERATION BY 100 PERCENT DISPATCH
3200.8	*74018 SUGARLF 115	74046 ROCK TV1 115 1		-0.04412	-215.3	218.0	OPEN 74001 [ROCK TAV 345] TO 74347 [RAMAPO 345] CKT 1
3214.6	*74018 SUGARLF 115	79359 SGRLF69 69.0 1		0.04412	214.7	218.0	OPEN 74001 [ROCK TAV 345] TO 74347 [RAMAPO 345] CKT 1
3443.1	74344 PLTVLLEY 345	78701 LEEDS 3 345 2		-0.49936	-1573.0	1724.0	OPEN 74344 [PLTVLLEY 345] TO 78705 [ATHENS 345] CKT 1
3473.5	79308 CHESTER 138	79321 SHOEM138 138 1		-0.09247	-273.6	304.4	OPEN 74001 [ROCK TAV 345] TO 74347 [RAMAPO 345] CKT 1
							OPEN 74001 [ROCK TAV 345] TO 74046 [ROCK TV1 115] CKT 1
							OPEN 74046 [ROCK TV1 115] TO 74018 [SUGARLF 115] CKT 1
3530.6	74344 PLTVLLEY 345	78705 ATHENS 345 1		-0.48566	-1534.6	1724.0	OPEN 74344 [PLTVLLEY 345] TO 78701 [LEEDS 3 345] CKT 2
3552.3	74344 PLTVLLEY 345	78701 LEEDS 3 345 2		-0.47891	-1526.9	1724.0	OPEN 78705 [ATHENS 345] TO 74344 [PLTVLLEY 345] CKT 1
							OPEN 74344 [PLTVLLEY 345] TO 74341 [MILLWOOD 345] CKT 1
3555.2	74344 PLTVLLEY 345	78701 LEEDS 3 345 2		-0.47940	-1525.2	1724.0	OPEN 78705 [ATHENS 345] TO 74344 [PLTVLLEY 345] CKT 1
							OPEN 74344 [PLTVLLEY 345] TO 74356 [WOOD B 345] CKT 1
3634.0	74403 ASTORIAW 138	74496 HG 5 138 1		0.26516	46.2	177.0	BASE CASE
3645.7	74344 PLTVLLEY 345	78705 ATHENS 345 1		-0.46635	-1488.5	1724.0	OPEN 78701 [LEEDS 3 345] TO 74344 [PLTVLLEY 345] CKT 2
							OPEN 74344 [PLTVLLEY 345] TO 74356 [WOOD B 345] CKT 1
3665.8	74403 ASTORIAW 138	74497 HG 6 138 1		0.25135	45.0	177.0	BASE CASE
3728.4	74344 PLTVLLEY 345	78701 LEEDS 3 345 2		-0.49935	-1430.5	1724.0	OPEN 78701 [LEEDS 3 345] TO 78705 [ATHENS 345] CKT 1
3733.2	74344 PLTVLLEY 345	78705 ATHENS 345 1		-0.45488	-1454.5	1724.0	OPEN 78701 [LEEDS 3 345] TO 74344 [PLTVLLEY 345] CKT 2
							OPEN 78702 [N.SCOT77 345] TO 78701 [LEEDS 3 345] CKT 1
3761.5	*74344 PLTVLLEY 345	78701 LEEDS 3 345 2		-0.46965	-1432.4	1724.0	OPEN 79583 [MARCY T1 345] TO 75400 [COOPC345 345] CKT 1
							OPEN 75403 [FRASR345 345] TO 75400 [COOPC345 345] CKT 1
3846.9	79303 SMAHWAH2 345	5028 WALDWICK 345 1		0.06174	545.4	589.0	OPEN 74347 [RAMAPO 345] TO 74340 [LADENTWN 345] CKT 1
							OPEN 74347 [RAMAPO 345] TO 74312 [BUCH N 345] CKT 1
							OPEN 74410 [BUCHNTA5 138] TO 74312 [BUCH N 345] CKT 1
3866.9	79308 CHESTER 138	79323 SGRLF138 138 1		0.09247	237.2	304.4	OPEN 74001 [ROCK TAV 345] TO 74347 [RAMAPO 345] CKT 1
							OPEN 74001 [ROCK TAV 345] TO 74046 [ROCK TV1 115] CKT 1
							OPEN 74046 [ROCK TV1 115] TO 74018 [SUGARLF 115] CKT 1
3868.6	79308 CHESTER 138	79321 SHOEM138 138 1		-0.08563	-242.1	304.4	OPEN 74001 [ROCK TAV 345] TO 74347 [RAMAPO 345] CKT 1
							OPEN 74001 [ROCK TAV 345] TO 74046 [ROCK TV1 115] CKT 1
3904.0	74345 RAINEY 345	74691 S. BRONX 345 3		-0.71737	-533.4	1081.0	OPEN 74345 [RAINEY 345] TO 74691 [S. BRONX 345] CKT 4
3904.0	74345 RAINEY 345	74691 S. BRONX 345 4		-0.71737	-533.4	1081.0	OPEN 74345 [RAINEY 345] TO 74691 [S. BRONX 345] CKT 3
3906.8	74403 ASTORIAW 138	74496 HG 5 138 1		0.50921	89.9	480.0	OPEN 74403 [ASTORIAW 138] TO 74497 [HG 6 138] CKT 1
3908.2	74403 ASTORIAW 138	74497 HG 6 138 1		0.50840	89.8	480.0	OPEN 74403 [ASTORIAW 138] TO 74496 [HG 5 138] CKT 1
3929.2	74344 PLTVLLEY 345	78705 ATHENS 345 1		-0.44693	-1371.6	1724.0	OPEN 79583 [MARCY T1 345] TO 75400 [COOPC345 345] CKT 1
							OPEN 75403 [FRASR345 345] TO 75400 [COOPC345 345] CKT 1
3930.7	74435 E179 ST 138	74497 HG 6 138 1		-0.52049	189.2	222.0	BASE CASE
3956.0	74651 REAC72 345	74691 S. BRONX 345 4		0.36525	417.2	715.0	BASE CASE
3956.0	74650 REAC71 345	74691 S. BRONX 345 3		0.36525	417.2	715.0	BASE CASE
3956.0	74316 DUNWODIE 345	74651 REAC72 345 SR		0.36525	417.2	715.0	BASE CASE
3956.0	74316 DUNWODIE 345	74650 REAC71 345 SR		0.36525	417.2	715.0	BASE CASE
3960.3	*74344 PLTVLLEY 345	78705 ATHENS 345 1		-0.33380	-1057.4	1331.0	BASE CASE

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*** TLTG TRANSFER LIMIT OUTPUT FOR INTERFACE UPNY-S OPEN ***

<- INTERFACE 'UPNY-S OPEN ' DEFINITION ->

<----- FROM ----->	<------ TO ------>	CKT	DISTR. FACTOR	PRE-SHIFT MW
2 BRANCHBG 500	74300 RAMAPO 5 500	1	0.00000	437.4
75400 COOPC345 345	79304 N.M.TAP 345	1	0.17551	822.5
75400 COOPC345 345	74001 ROCK TAV 345	2	0.16427	720.3
75512 W.WDB115 115	76210 W.WDBR6969.0	1	0.00506	22.6
78742 BLUES-8 115	74043 PL.VAL 1 115	1	0.01253	60.9
78739 BL STR E 115	74043 PL.VAL 1 115	1	0.01466	51.8
78730 ADM 115	74043 PL.VAL 1 115	1	0.01300	50.8
78757 BOC 2T 115	74040 N.CAT. 1 115	2	0.01158	97.3
78701 LEEDS 3 345	74000 HURLEY 3 345	1	0.13044	720.2
78705 ATHENS 345	74344 PLTVLLEY 345	1	0.19282	1057.4
78701 LEEDS 3 345	74344 PLTVLLEY 345	2	0.20262	1102.3
73117 CTNY398 345	74344 PLTVLLEY 345	1	0.07751	-296.7
TOTALS FOR INTERFACE UPNY-S OPEN			1.00000	4846.7

TOTAL TRANS CAPAB	<---------- LIMITING ELEMENT ----------> <----- FROM ----->	<------ TO ------>CKT	DISTR. FACTOR	PRE-SHIFT MW	RATING BAS/CNT A/C	<---------- CONTINGENCY DESCRIPTION ---------->
798.4	79319 RAMP138 138	79361 TALLMAN 138 1	0.02382	400.8	304.4	OPEN 74347 [RAMAPO 345] TO 74340 [LADENTWN 345] CKT 1
						OPEN 74340 [LADENTWN 345] TO 79300 [WHAV345 345] CKT 1
						OPEN 79300 [WHAV345 345] TO 74310 [BOWLINE1 345] CKT 10
						OPEN 79300 [WHAV345 345] TO 79325 [WHAV138 138] CKT 1
						OPEN 79391 [BOW1 20.0] TO 74310 [BOWLINE1 345] CKT 1
						REDUCE BUS 79391 [BOW1 20.0] GENERATION BY 100 PERCENT DISPATCH
2883.5	74018 SUGARLF 115	74046 ROCK TV1 115 1	-0.02086	-259.0	218.0	OPEN 79321 [SHOEM138 138] TO 79322 [SHOEMTAP 138] CKT 1
2883.5	74018 SUGARLF 115	74046 ROCK TV1 115 1	-0.02086	-259.0	218.0	OPEN 79304 [N.M.TAP 345] TO 79322 [SHOEMTAP 138] CKT 1
2912.8	74018 SUGARLF 115	79359 SGRLF69 69.0 1	0.02086	258.3	218.0	OPEN 79321 [SHOEM138 138] TO 79322 [SHOEMTAP 138] CKT 1
2912.8	74018 SUGARLF 115	79359 SGRLF69 69.0 1	0.02086	258.3	218.0	OPEN 79304 [N.M.TAP 345] TO 79322 [SHOEMTAP 138] CKT 1
3379.0	79313 MONSEY 138	79361 TALLMAN 138 1	-0.02381	-339.4	304.4	OPEN 74347 [RAMAPO 345] TO 74340 [LADENTWN 345] CKT 1
						OPEN 74340 [LADENTWN 345] TO 79300 [WHAV345 345] CKT 1
						OPEN 79300 [WHAV345 345] TO 74310 [BOWLINE1 345] CKT 10
						OPEN 79300 [WHAV345 345] TO 79325 [WHAV138 138] CKT 1
						OPEN 79391 [BOW1 20.0] TO 74310 [BOWLINE1 345] CKT 1
						REDUCE BUS 79391 [BOW1 20.0] GENERATION BY 100 PERCENT DISPATCH
3469.0	74018 SUGARLF 115	74046 ROCK TV1 115 1	-0.02127	-247.3	218.0	OPEN 79304 [N.M.TAP 345] TO 75400 [COOPC345 345] CKT 1
						OPEN 74001 [ROCK TAV 345] TO 79304 [N.M.TAP 345] CKT 1
						OPEN 74002 [ROSETON 345] TO 74001 [ROCK TAV 345] CKT 1
3497.8	74018 SUGARLF 115	79359 SGRLF69 69.0 1	0.02127	246.7	218.0	OPEN 79304 [N.M.TAP 345] TO 75400 [COOPC345 345] CKT 1
						OPEN 74001 [ROCK TAV 345] TO 79304 [N.M.TAP 345] CKT 1
						OPEN 74002 [ROSETON 345] TO 74001 [ROCK TAV 345] CKT 1
3713.8	79303 SMAHWAH2 345	5028 WALDWICK 345 1	0.04186	636.4	589.0	OPEN 74340 [LADENTWN 345] TO 74313 [BUCH S 345] CKT 1
						OPEN 74347 [RAMAPO 345] TO 74312 [BUCH N 345] CKT 1
						OPEN 74410 [BUCHNTA5 138] TO 74312 [BUCH N 345] CKT 1
4703.6	74018 SUGARLF 115	74046 ROCK TV1 115 1	-0.02327	-221.3	218.0	OPEN 74001 [ROCK TAV 345] TO 74347 [RAMAPO 345] CKT 1
						OPEN 74347 [RAMAPO 345] TO 74312 [BUCH N 345] CKT 1
						OPEN 74410 [BUCHNTA5 138] TO 74312 [BUCH N 345] CKT 1
4729.8	74018 SUGARLF 115	79359 SGRLF69 69.0 1	0.02327	220.7	218.0	OPEN 74001 [ROCK TAV 345] TO 74347 [RAMAPO 345] CKT 1
						OPEN 74347 [RAMAPO 345] TO 74312 [BUCH N 345] CKT 1
						OPEN 74410 [BUCHNTA5 138] TO 74312 [BUCH N 345] CKT 1

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*** TLTG TRANSFER LIMIT OUTPUT FOR INTERFACE UPNY-S OPEN ***

TOTAL TRANS CAPAB	LIMITING ELEMENT FROM	LIMITING ELEMENT TO	CKT	DISTR. FACTOR	PRE-SHIFT MW	RATING BAS/CNT A/C	CONTINGENCY DESCRIPTION
4859.1	79311 BURNS138 138	79313 MONSEY 138 1		-0.02381	-304.1	304.4	OPEN 74347 [RAMAPO 345] TO 74340 [LADENTWN 345] CKT 1
							OPEN 74340 [LADENTWN 345] TO 79300 [WHAV345 345] CKT 1
							OPEN 79300 [WHAV345 345] TO 74310 [BOWLINE1 345] CKT 10
							OPEN 79300 [WHAV345 345] TO 79325 [WHAV138 138] CKT 1
							OPEN 79391 [BOW1 20.0] TO 74310 [BOWLINE1 345] CKT 1
							REDUCE BUS 79391 [BOW1 20.0] GENERATION BY 100 PERCENT DISPATCH
4950.9	*74018 SUGARLF 115	74046 ROCK TV1 115 1		-0.02548	-215.3	218.0	OPEN 74001 [ROCK TAV 345] TO 74347 [RAMAPO 345] CKT 1
4974.8	*74018 SUGARLF 115	79359 SGRLF69 69.0 1		0.02548	214.7	218.0	OPEN 74001 [ROCK TAV 345] TO 74347 [RAMAPO 345] CKT 1
5370.4	74344 PLTVLLEY 345	78701 LEEDS 3 345 2		-0.28845	-1573.0	1724.0	OPEN 74344 [PLTVLLEY 345] TO 78705 [ATHENS 345] CKT 1
5423.1	79308 CHESTER 138	79321 SHOEM138 138 1		-0.05342	-273.6	304.4	OPEN 74001 [ROCK TAV 345] TO 74347 [RAMAPO 345] CKT 1
							OPEN 74001 [ROCK TAV 345] TO 74046 [ROCK TV1 115] CKT 1
							OPEN 74046 [ROCK TV1 115] TO 74018 [SUGARLF 115] CKT 1
5521.9	74344 PLTVLLEY 345	78705 ATHENS 345 1		-0.28054	-1534.6	1724.0	OPEN 74344 [PLTVLLEY 345] TO 78701 [LEEDS 3 345] CKT 2
5559.4	74344 PLTVLLEY 345	78701 LEEDS 3 345 2		-0.27664	-1526.9	1724.0	OPEN 78705 [ATHENS 345] TO 74344 [PLTVLLEY 345] CKT 1
							OPEN 74344 [PLTVLLEY 345] TO 74341 [MILLWOOD 345] CKT 1
5564.5	74344 PLTVLLEY 345	78701 LEEDS 3 345 2		-0.27692	-1525.2	1724.0	OPEN 78705 [ATHENS 345] TO 74344 [PLTVLLEY 345] CKT 1
							OPEN 74344 [PLTVLLEY 345] TO 74356 [WOOD B 345] CKT 1
5700.9	74403 ASTORIAW 138	74496 HG 5 138 1		0.15317	46.2	177.0	BASE CASE
5721.1	74344 PLTVLLEY 345	78705 ATHENS 345 1		-0.26939	-1488.5	1724.0	OPEN 78701 [LEEDS 3 345] TO 74344 [PLTVLLEY 345] CKT 2
							OPEN 74344 [PLTVLLEY 345] TO 74356 [WOOD B 345] CKT 1
5755.8	74403 ASTORIAW 138	74497 HG 6 138 1		0.14519	45.0	177.0	BASE CASE
5864.2	74344 PLTVLLEY 345	78701 LEEDS 3 345 2		-0.28845	-1430.5	1724.0	OPEN 78701 [LEEDS 3 345] TO 78705 [ATHENS 345] CKT 1
5872.5	74344 PLTVLLEY 345	78705 ATHENS 345 1		-0.26276	-1454.5	1724.0	OPEN 78701 [LEEDS 3 345] TO 74344 [PLTVLLEY 345] CKT 2
							OPEN 78702 [N.SCOT77 345] TO 78701 [LEEDS 3 345] CKT 1
5921.6	*74344 PLTVLLEY 345	78701 LEEDS 3 345 2		-0.27129	-1432.4	1724.0	OPEN 79583 [MARCY T1 345] TO 75400 [COOPC345 345] CKT 1
							OPEN 75403 [FRASR345 345] TO 75400 [COOPC345 345] CKT 1
6069.4	79303 SMAHWAH2 345	5028 WALDWICK 345 1		0.03566	545.4	589.0	OPEN 74347 [RAMAPO 345] TO 74340 [LADENTWN 345] CKT 1
							OPEN 74347 [RAMAPO 345] TO 74312 [BUCH N 345] CKT 1
							OPEN 74410 [BUCHNTA5 138] TO 74312 [BUCH N 345] CKT 1
6104.1	79308 CHESTER 138	79323 SGRLF138 138 1		0.05341	237.2	304.4	OPEN 74001 [ROCK TAV 345] TO 74347 [RAMAPO 345] CKT 1
							OPEN 74001 [ROCK TAV 345] TO 74046 [ROCK TV1 115] CKT 1
							OPEN 74046 [ROCK TV1 115] TO 74018 [SUGARLF 115] CKT 1
6107.0	79308 CHESTER 138	79321 SHOEM138 138 1		-0.04947	-242.1	304.4	OPEN 74001 [ROCK TAV 345] TO 74347 [RAMAPO 345] CKT 1
							OPEN 74001 [ROCK TAV 345] TO 74046 [ROCK TV1 115] CKT 1
6168.3	74345 RAINEY 345	74691 S. BRONX 345 3		-0.41439	-533.4	1081.0	OPEN 74345 [RAINEY 345] TO 74691 [S. BRONX 345] CKT 4
6168.3	74345 RAINEY 345	74691 S. BRONX 345 4		-0.41439	-533.4	1081.0	OPEN 74345 [RAINEY 345] TO 74691 [S. BRONX 345] CKT 3
6173.1	74403 ASTORIAW 138	74496 HG 5 138 1		0.29414	89.9	480.0	OPEN 74403 [ASTORIAW 138] TO 74497 [HG 6 138] CKT 1
6175.5	74403 ASTORIAW 138	74497 HG 6 138 1		0.29367	89.8	480.0	OPEN 74403 [ASTORIAW 138] TO 74496 [HG 5 138] CKT 1
6211.9	74344 PLTVLLEY 345	78705 ATHENS 345 1		-0.25817	-1371.6	1724.0	OPEN 79583 [MARCY T1 345] TO 75400 [COOPC345 345] CKT 1
							OPEN 75403 [FRASR345 345] TO 75400 [COOPC345 345] CKT 1
6214.5	74435 E179 ST 138	74497 HG 6 138 1		-0.30066	189.2	222.0	BASE CASE
6258.3	74651 REAC72 345	74691 S. BRONX 345 4		0.21098	417.2	715.0	BASE CASE
6258.3	74650 REAC71 345	74691 S. BRONX 345 3		0.21098	417.2	715.0	BASE CASE
6258.3	74316 DUNWODIE 345	74651 REAC72 345 SR		0.21098	417.2	715.0	BASE CASE
6258.3	74316 DUNWODIE 345	74650 REAC71 345 SR		0.21098	417.2	715.0	BASE CASE
6265.8	*74344 PLTVLLEY 345	78705 ATHENS 345 1		-0.19282	-1057.4	1331.0	BASE CASE

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*** TLTG TRANSFER LIMIT OUTPUT FOR INTERFACE UPNY-C OPEN ***

<- INTERFACE 'UPNY-C OPEN ' DEFINITION ->

<----- FROM ----->	<------ TO ------>	CKT	DISTR. FACTOR	PRE-SHIFT MW
74002 ROSETON 345	74331 FISHKILL 345	1	0.20033	1593.8
74026 FISHKILL 115	75762 SYLVN115 115	1	0.00963	119.5
74022 E FISH I 115	74331 FISHKILL 345	1	0.01838	-130.4
74340 LADENTWN 345	74313 BUCH S 345	1	0.13592	361.9
74344 PLTVLLEY 345	74331 FISHKILL 345	1	0.07768	152.4
74344 PLTVLLEY 345	74331 FISHKILL 345	2	0.07768	152.4
74344 PLTVLLEY 345	74341 MILLWOOD 345	1	0.17355	695.5
74344 PLTVLLEY 345	74356 WOOD B 345	1	0.17126	725.0
74347 RAMAPO 345	74312 BUCH N 345	1	0.13558	10.9
TOTALS FOR INTERFACE UPNY-C OPEN			1.00000	3681.1

TOTAL TRANS CAPAB	<---------- LIMITING ELEMENT ----------> <----- FROM ----->	<------ TO ------>	CKT	DISTR. FACTOR	PRE-SHIFT MW	RATING BAS/CNT A/C	<---------- CONTINGENCY DESCRIPTION ---------->
-371.1	79319 RAMP138 138	79361 TALLMAN 138	1	0.02380	400.8	304.4	OPEN 74347 [RAMAPO 345] TO 74340 [LADENTWN 345] CKT 1
							OPEN 74340 [LADENTWN 345] TO 79300 [WHAV345 345] CKT 1
							OPEN 79300 [WHAV345 345] TO 74310 [BOWLINE1 345] CKT 10
							OPEN 79300 [WHAV345 345] TO 79325 [WHAV138 138] CKT 1
							OPEN 79391 [BOW1 20.0] TO 74310 [BOWLINE1 345] CKT 1
							REDUCE BUS 79391 [BOW1 20.0] GENERATION BY 100 PERCENT DISPATCH
1716.0	74018 SUGARLF 115	74046 ROCK TV1 115	1	-0.02084	-259.0	218.0	OPEN 79321 [SHOEM138 138] TO 79322 [SHOEMTAP 138] CKT 1
1716.0	74018 SUGARLF 115	74046 ROCK TV1 115	1	-0.02084	-259.0	218.0	OPEN 79304 [N.M.TAP 345] TO 79322 [SHOEMTAP 138] CKT 1
1745.3	74018 SUGARLF 115	79359 SGRLF69 69.0	1	0.02084	258.3	218.0	OPEN 79321 [SHOEM138 138] TO 79322 [SHOEMTAP 138] CKT 1
1745.4	74018 SUGARLF 115	79359 SGRLF69 69.0	1	0.02084	258.3	218.0	OPEN 79304 [N.M.TAP 345] TO 79322 [SHOEMTAP 138] CKT 1
2212.0	79313 MONSEY 138	79361 TALLMAN 138	1	-0.02379	-339.4	304.4	OPEN 74347 [RAMAPO 345] TO 74340 [LADENTWN 345] CKT 1
							OPEN 74340 [LADENTWN 345] TO 79300 [WHAV345 345] CKT 1
							OPEN 79300 [WHAV345 345] TO 74310 [BOWLINE1 345] CKT 10
							OPEN 79300 [WHAV345 345] TO 79325 [WHAV138 138] CKT 1
							OPEN 79391 [BOW1 20.0] TO 74310 [BOWLINE1 345] CKT 1
							REDUCE BUS 79391 [BOW1 20.0] GENERATION BY 100 PERCENT DISPATCH
2302.1	74018 SUGARLF 115	74046 ROCK TV1 115	1	-0.02125	-247.3	218.0	OPEN 79304 [N.M.TAP 345] TO 75400 [COOPC345 345] CKT 1
							OPEN 74001 [ROCK TAV 345] TO 79304 [N.M.TAP 345] CKT 1
							OPEN 74002 [ROSETON 345] TO 74001 [ROCK TAV 345] CKT 1
2330.9	74018 SUGARLF 115	79359 SGRLF69 69.0	1	0.02125	246.7	218.0	OPEN 79304 [N.M.TAP 345] TO 75400 [COOPC345 345] CKT 1
							OPEN 74001 [ROCK TAV 345] TO 79304 [N.M.TAP 345] CKT 1
							OPEN 74002 [ROSETON 345] TO 74001 [ROCK TAV 345] CKT 1
2547.1	79303 SMAHWAH2 345	5028 WALDWICK 345	1	0.04182	636.4	589.0	OPEN 74340 [LADENTWN 345] TO 74313 [BUCH S 345] CKT 1
							OPEN 74347 [RAMAPO 345] TO 74312 [BUCH N 345] CKT 1
							OPEN 74410 [BUCHNTA5 138] TO 74312 [BUCH N 345] CKT 1
3537.8	74018 SUGARLF 115	74046 ROCK TV1 115	1	-0.02324	-221.3	218.0	OPEN 74001 [ROCK TAV 345] TO 74347 [RAMAPO 345] CKT 1
							OPEN 74347 [RAMAPO 345] TO 74312 [BUCH N 345] CKT 1
							OPEN 74410 [BUCHNTA5 138] TO 74312 [BUCH N 345] CKT 1
3564.1	74018 SUGARLF 115	79359 SGRLF69 69.0	1	0.02324	220.7	218.0	OPEN 74001 [ROCK TAV 345] TO 74347 [RAMAPO 345] CKT 1
							OPEN 74347 [RAMAPO 345] TO 74312 [BUCH N 345] CKT 1
							OPEN 74410 [BUCHNTA5 138] TO 74312 [BUCH N 345] CKT 1

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*** TLTG TRANSFER LIMIT OUTPUT FOR INTERFACE UPNY-C OPEN ***

TOTAL TRANS CAPAB	LIMITING ELEMENT FROM	LIMITING ELEMENT TO	CKT	DISTR. FACTOR	PRE-SHIFT MW	RATING BAS/CNT A/C	CONTINGENCY DESCRIPTION
3693.5	79311 BURNS138 138	79313 MONSEY 138 1		-0.02379	-304.1	304.4	OPEN 74347 [RAMAPO 345] TO 74340 [LADENTWN 345] CKT 1
							OPEN 74340 [LADENTWN 345] TO 79300 [WHAV345 345] CKT 1
							OPEN 79300 [WHAV345 345] TO 74310 [BOWLINE1 345] CKT 10
							OPEN 79300 [WHAV345 345] TO 79325 [WHAV138 138] CKT 1
							OPEN 79391 [BOW1 20.0] TO 74310 [BOWLINE1 345] CKT 1
							REDUCE BUS 79391 [BOW1 20.0] GENERATION BY 100 PERCENT DISPATCH
3785.3	*74018 SUGARLF 115	74046 ROCK TV1 115 1		-0.02546	-215.3	218.0	OPEN 74001 [ROCK TAV 345] TO 74347 [RAMAPO 345] CKT 1
3809.3	*74018 SUGARLF 115	79359 SGRLF69 69.0 1		0.02546	214.7	218.0	OPEN 74001 [ROCK TAV 345] TO 74347 [RAMAPO 345] CKT 1
4205.3	74344 PLTVLLEY 345	78701 LEEDS 3 345 2		-0.28818	-1573.0	1724.0	OPEN 74344 [PLTVLLEY 345] TO 78705 [ATHENS 345] CKT 1
4258.0	79308 CHESTER 138	79321 SHOEM138 138 1		-0.05336	-273.6	304.4	OPEN 74001 [ROCK TAV 345] TO 74347 [RAMAPO 345] CKT 1
							OPEN 74001 [ROCK TAV 345] TO 74046 [ROCK TV1 115] CKT 1
							OPEN 74046 [ROCK TV1 115] TO 74018 [SUGARLF 115] CKT 1
4356.9	74344 PLTVLLEY 345	78705 ATHENS 345 1		-0.28027	-1534.6	1724.0	OPEN 74344 [PLTVLLEY 345] TO 78701 [LEEDS 3 345] CKT 2
4394.5	74344 PLTVLLEY 345	78701 LEEDS 3 345 2		-0.27637	-1526.9	1724.0	OPEN 78705 [ATHENS 345] TO 74344 [PLTVLLEY 345] CKT 1
							OPEN 74344 [PLTVLLEY 345] TO 74341 [MILLWOOD 345] CKT 1
4399.6	74344 PLTVLLEY 345	78701 LEEDS 3 345 2		-0.27666	-1525.2	1724.0	OPEN 78705 [ATHENS 345] TO 74344 [PLTVLLEY 345] CKT 1
							OPEN 74344 [PLTVLLEY 345] TO 74356 [WOOD B 345] CKT 1
4536.1	74403 ASTORIAW 138	74496 HG 5 138 1		0.15302	46.2	177.0	BASE CASE
4556.3	74344 PLTVLLEY 345	78705 ATHENS 345 1		-0.26913	-1488.5	1724.0	OPEN 78701 [LEEDS 3 345] TO 74344 [PLTVLLEY 345] CKT 2
							OPEN 74344 [PLTVLLEY 345] TO 74356 [WOOD B 345] CKT 1
4591.1	74403 ASTORIAW 138	74497 HG 6 138 1		0.14505	45.0	177.0	BASE CASE
4699.6	74344 PLTVLLEY 345	78701 LEEDS 3 345 2		-0.28817	-1430.5	1724.0	OPEN 78701 [LEEDS 3 345] TO 78705 [ATHENS 345] CKT 1
4707.9	74344 PLTVLLEY 345	78705 ATHENS 345 1		-0.26251	-1454.5	1724.0	OPEN 78701 [LEEDS 3 345] TO 74344 [PLTVLLEY 345] CKT 2
							OPEN 78702 [N.SCOT77 345] TO 78701 [LEEDS 3 345] CKT 1
4757.0	*74344 PLTVLLEY 345	78701 LEEDS 3 345 2		-0.27103	-1432.4	1724.0	OPEN 79583 [MARCY T1 345] TO 75400 [COOPC345 345] CKT 1
							OPEN 75403 [FRASR345 345] TO 75400 [COOPC345 345] CKT 1
4904.9	79303 SMAHWAH2 345	5028 WALDWICK 345 1		0.03563	545.4	589.0	OPEN 74347 [RAMAPO 345] TO 74340 [LADENTWN 345] CKT 1
							OPEN 74347 [RAMAPO 345] TO 74312 [BUCH N 345] CKT 1
							OPEN 74410 [BUCHNTA5 138] TO 74312 [BUCH N 345] CKT 1
4939.7	79308 CHESTER 138	79323 SGRLF138 138 1		0.05336	237.2	304.4	OPEN 74001 [ROCK TAV 345] TO 74347 [RAMAPO 345] CKT 1
							OPEN 74001 [ROCK TAV 345] TO 74046 [ROCK TV1 115] CKT 1
							OPEN 74046 [ROCK TV1 115] TO 74018 [SUGARLF 115] CKT 1
4942.6	79308 CHESTER 138	79321 SHOEM138 138 1		-0.04942	-242.1	304.4	OPEN 74001 [ROCK TAV 345] TO 74347 [RAMAPO 345] CKT 1
							OPEN 74001 [ROCK TAV 345] TO 74046 [ROCK TV1 115] CKT 1
5004.0	74345 RAINEY 345	74691 S. BRONX 345 3		-0.41399	-533.4	1081.0	OPEN 74345 [RAINEY 345] TO 74691 [S. BRONX 345] CKT 4
5004.0	74345 RAINEY 345	74691 S. BRONX 345 4		-0.41399	-533.4	1081.0	OPEN 74345 [RAINEY 345] TO 74691 [S. BRONX 345] CKT 3
5008.7	74403 ASTORIAW 138	74496 HG 5 138 1		0.29386	89.9	480.0	OPEN 74403 [ASTORIAW 138] TO 74497 [HG 6 138] CKT 1
5011.2	74403 ASTORIAW 138	74497 HG 6 138 1		0.29339	89.8	480.0	OPEN 74403 [ASTORIAW 138] TO 74496 [HG 5 138] CKT 1
5047.6	74344 PLTVLLEY 345	78705 ATHENS 345 1		-0.25792	-1371.6	1724.0	OPEN 79583 [MARCY T1 345] TO 75400 [COOPC345 345] CKT 1
							OPEN 75403 [FRASR345 345] TO 75400 [COOPC345 345] CKT 1
5050.2	74435 E179 ST 138	74497 HG 6 138 1		-0.30037	189.2	222.0	BASE CASE
5094.1	74651 REAC72 345	74691 S. BRONX 345 4		0.21078	417.2	715.0	BASE CASE
5094.1	74650 REAC71 345	74691 S. BRONX 345 3		0.21078	417.2	715.0	BASE CASE
5094.1	74316 DUNWODIE 345	74651 REAC72 345 SR		0.21078	417.2	715.0	BASE CASE
5094.1	74316 DUNWODIE 345	74650 REAC71 345 SR		0.21078	417.2	715.0	BASE CASE
5101.5	*74344 PLTVLLEY 345	78705 ATHENS 345 1		-0.19263	-1057.4	1331.0	BASE CASE

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*** TLTG TRANSFER LIMIT OUTPUT FOR INTERFACE UPNY-C OPEN ***

TOTAL TRANS CAPAB	LIMITING ELEMENT FROM	LIMITING ELEMENT TO	CKT	DISTR. FACTOR	PRE-SHIFT MW	RATING BAS/CNT A/C	CONTINGENCY DESCRIPTION
5104.2	79308 CHESTER 138	79321 SHOEM138 138	1	-0.04566	-239.4	304.4	OPEN 74001 [ROCK TAV 345] TO 74347 [RAMAPO 345] CKT 1
							OPEN 74347 [RAMAPO 345] TO 74312 [BUCH N 345] CKT 1
							OPEN 74410 [BUCHNTA5 138] TO 74312 [BUCH N 345] CKT 1
5125.8	79308 CHESTER 138	79321 SHOEM138 138	1	-0.04914	-233.4	304.4	OPEN 74001 [ROCK TAV 345] TO 75400 [COOPC345 345] CKT 2
							OPEN 74001 [ROCK TAV 345] TO 74347 [RAMAPO 345] CKT 1
5151.0	74316 DUNWODIE 345	75000 SHORE RD 345	1	0.17910	423.7	687.0	BASE CASE
5154.4	79304 N.M.TAP 345	79322 SHOEMTAP 138	1	0.06669	568.7	667.0	OPEN 74001 [ROCK TAV 345] TO 74347 [RAMAPO 345] CKT 1
							OPEN 74001 [ROCK TAV 345] TO 74046 [ROCK TV1 115] CKT 1
							OPEN 74046 [ROCK TV1 115] TO 74018 [SUGARLF 115] CKT 1
5183.4	*79308 CHESTER 138	79321 SHOEM138 138	1	-0.04866	-231.3	304.4	OPEN 74001 [ROCK TAV 345] TO 74347 [RAMAPO 345] CKT 1
5350.1	74348 SPRBROOK 345	74568 REACM52 345	SR	0.19962	440.8	774.0	BASE CASE
5350.1	74348 SPRBROOK 345	74567 REACM51 345	SR	0.19962	440.8	774.0	BASE CASE
5357.7	74354 W 49 ST 345	74568 REACM52 345	2	-0.19962	-439.3	774.0	BASE CASE
5357.7	74354 W 49 ST 345	74567 REACM51 345	1	-0.19962	-439.3	774.0	BASE CASE
5384.2	74002 ROSETON 345	74331 FISHKILL 345	1	0.20033	1593.8	1935.0	BASE CASE
5467.6	74403 ASTORIAW 138	74497 HG 6 138	1	0.29451	-46.1	480.0	OPEN 74496 [HG 5 138] TO 74497 [HG 6 138] CKT 1
5497.1	74345 RAINEY 345	74612 8W DUM 138	8	0.29942	-230.7	313.0	OPEN 74530 [RAINEY8E 138] TO 74611 [8E DUM 138] CKT 1
5497.5	74345 RAINEY 345	74612 8W DUM 138	8	0.29942	-230.8	313.0	OPEN 74530 [RAINEY8E 138] TO 74556 [VERNON-E 138] CKT 1
5510.8	79304 N.M.TAP 345	75400 COOPC345 345	1	-0.27949	-1281.6	1793.0	OPEN 74001 [ROCK TAV 345] TO 75400 [COOPC345 345] CKT 2
							OPEN 75400 [COOPC345 345] TO 75440 [COOPC115 115] CKT 1
5515.5	74345 RAINEY 345	74612 8W DUM 138	8	0.22376	-170.5	240.0	BASE CASE
5522.9	79304 N.M.TAP 345	75400 COOPC345 345	1	-0.27927	-1278.6	1793.0	OPEN 74001 [ROCK TAV 345] TO 75400 [COOPC345 345] CKT 2
5558.9	79319 RAMP138 138	79361 TALLMAN 138	1	0.06129	189.3	304.4	OPEN 74347 [RAMAPO 345] TO 74340 [LADENTWN 345] CKT 1
							OPEN 74347 [RAMAPO 345] TO 74312 [BUCH N 345] CKT 1
							OPEN 74410 [BUCHNTA5 138] TO 74312 [BUCH N 345] CKT 1
5561.1	74345 RAINEY 345	74612 8W DUM 138	8	0.29942	-249.9	313.0	OPEN 74345 [RAINEY 345] TO 74611 [8E DUM 138] CKT 8
5588.5	*74345 RAINEY 345	74612 8W DUM 138	8	0.22376	-113.8	313.0	OPEN 74612 [8W DUM 138] TO 74728 [RYYGT81113.8] CKT 1
5592.9	74001 ROCK TAV 345	74347 RAMAPO 345	1	0.30900	1578.3	2169.0	OPEN 74331 [FISHKILL 345] TO 74022 [E FISH I 115] CKT 1
							OPEN 74331 [FISHKILL 345] TO 74002 [ROSETON 345] CKT 1
5612.0	74001 ROCK TAV 345	74347 RAMAPO 345	1	0.30370	1582.6	2169.0	OPEN 74002 [ROSETON 345] TO 74331 [FISHKILL 345] CKT 1
5633.2	74435 E179 ST 138	74497 HG 6 138	1	-0.30044	106.5	480.0	OPEN 74348 [SPRBROOK 345] TO 74351 [TREMONT 345] CKT 1
							OPEN 74348 [SPRBROOK 345] TO 74419 [DUN NO T 138] CKT 6
5642.3	74435 E179 ST 138	74497 HG 6 138	1	-0.30043	109.2	480.0	OPEN 74348 [SPRBROOK 345] TO 74351 [TREMONT 345] CKT 1
							OPEN 74348 [SPRBROOK 345] TO 74423 [DUN SO T 138] CKT 7
5670.6	74435 E179 ST 138	74497 HG 6 138	1	-0.30174	120.3	480.0	OPEN 74348 [SPRBROOK 345] TO 74351 [TREMONT 345] CKT 1
							OPEN 74312 [BUCH N 345] TO 74317 [E VIEW1 345] CKT 1
							OPEN 74348 [SPRBROOK 345] TO 74317 [E VIEW1 345] CKT 1
							OPEN 74428 [EASTVIEW 138] TO 74317 [E VIEW1 345] CKT 1
5678.6	79308 CHESTER 138	79323 SGRLF138 138	1	0.04942	205.7	304.4	OPEN 74001 [ROCK TAV 345] TO 74347 [RAMAPO 345] CKT 1
							OPEN 74001 [ROCK TAV 345] TO 74046 [ROCK TV1 115] CKT 1
5691.6	74001 ROCK TAV 345	75400 COOPC345 345	2	-0.26089	-1268.5	1793.0	OPEN 79304 [N.M.TAP 345] TO 75400 [COOPC345 345] CKT 1
							OPEN 74001 [ROCK TAV 345] TO 79304 [N.M.TAP 345] CKT 1
							OPEN 74002 [ROSETON 345] TO 74001 [ROCK TAV 345] CKT 1
5709.5	*74435 E179 ST 138	74497 HG 6 138	1	-0.30037	129.3	480.0	OPEN 74348 [SPRBROOK 345] TO 74351 [TREMONT 345] CKT 1
5737.5	74001 ROCK TAV 345	75400 COOPC345 345	2	-0.27308	-1231.5	1793.0	OPEN 79304 [N.M.TAP 345] TO 75400 [COOPC345 345] CKT 1
5749.6	79321 SHOEM138 138	79322 SHOEMTAP 138	1	-0.06669	-568.7	706.7	OPEN 74001 [ROCK TAV 345] TO 74347 [RAMAPO 345] CKT 1
							OPEN 74001 [ROCK TAV 345] TO 74046 [ROCK TV1 115] CKT 1
							OPEN 74046 [ROCK TV1 115] TO 74018 [SUGARLF 115] CKT 1

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*** TLTG TRANSFER LIMIT OUTPUT FOR INTERFACE MILLSCLOSE ***

<- INTERFACE 'MILLSCLOSE ' DEFINITION ->

<----- FROM ----->	<------ TO ------>	CKT	DISTR. FACTOR	PRE-SHIFT MW
74312 BUCH N 345	74317 E VIEW1 345	1	0.13287	927.6
74331 FISHKILL 345	74342 PL VILLE 345	1	0.18770	832.4
74341 MILLWOOD 345	74318 E VIEW2 345	1	0.16988	866.3
74341 MILLWOOD 345	74319 E VIEW3 345	1	0.16059	824.0
74341 MILLWOOD 345	74320 E VIEW4 345	1	0.16059	824.0
74355 WOOD A 345	74343 PL VILLW 345	1	0.18836	784.4
4989 HUDSON1 345	74328 FARRGUT1 345	1	0.00000	399.1
5039 HUDSON2 345	74329 FARRGUT2 345	1	0.00000	399.1
4996 LINDEN 230	74371 GOETHALS 230	1	0.00000	200.0
73166 NORHR138 138	75053 NRTHPT P 138	1	0.00000	102.0
75078 SHMHVDCL 192	75062 SHOREHAM 138	1	0.00000	329.5
TOTALS FOR INTERFACE MILLSCLOSE			1.00000	6488.3

TOTAL TRANS CAPAB	<---------- LIMITING ELEMENT ----------> <----- FROM ----->	<------ TO ------>	CKT	DISTR. FACTOR	PRE-SHIFT MW	RATING BAS/CNT A/C	<---------- CONTINGENCY DESCRIPTION ---------->
2436.3	79319 RAMP138 138	79361 TALLMAN 138	1	0.02380	400.8	304.4	OPEN 74347 [RAMAPO 345] TO 74340 [LADENTWN 345] CKT 1
							OPEN 74340 [LADENTWN 345] TO 79300 [WHAV345 345] CKT 1
							OPEN 79300 [WHAV345 345] TO 74310 [BOWLINE1 345] CKT 10
							OPEN 79300 [WHAV345 345] TO 79325 [WHAV138 138] CKT 1
							OPEN 79391 [BOW1 20.0] TO 74310 [BOWLINE1 345] CKT 1
							REDUCE BUS 79391 [BOW1 20.0] GENERATION BY 100 PERCENT DISPATCH
4523.3	74018 SUGARLF 115	74046 ROCK TV1 115	1	-0.02084	-259.0	218.0	OPEN 79321 [SHOEM138 138] TO 79322 [SHOEMTAP 138] CKT 1
4523.3	74018 SUGARLF 115	74046 ROCK TV1 115	1	-0.02084	-259.0	218.0	OPEN 79304 [N.M.TAP 345] TO 79322 [SHOEMTAP 138] CKT 1
4552.6	74018 SUGARLF 115	79359 SGRLF69 69.0	1	0.02084	258.3	218.0	OPEN 79321 [SHOEM138 138] TO 79322 [SHOEMTAP 138] CKT 1
4552.6	74018 SUGARLF 115	79359 SGRLF69 69.0	1	0.02084	258.3	218.0	OPEN 79304 [N.M.TAP 345] TO 79322 [SHOEMTAP 138] CKT 1
5019.3	79313 MONSEY 138	79361 TALLMAN 138	1	-0.02379	-339.4	304.4	OPEN 74347 [RAMAPO 345] TO 74340 [LADENTWN 345] CKT 1
							OPEN 74340 [LADENTWN 345] TO 79300 [WHAV345 345] CKT 1
							OPEN 79300 [WHAV345 345] TO 74310 [BOWLINE1 345] CKT 10
							OPEN 79300 [WHAV345 345] TO 79325 [WHAV138 138] CKT 1
							OPEN 79391 [BOW1 20.0] TO 74310 [BOWLINE1 345] CKT 1
							REDUCE BUS 79391 [BOW1 20.0] GENERATION BY 100 PERCENT DISPATCH
5109.4	74018 SUGARLF 115	74046 ROCK TV1 115	1	-0.02125	-247.3	218.0	OPEN 79304 [N.M.TAP 345] TO 75400 [COOPC345 345] CKT 1
							OPEN 74001 [ROCK TAV 345] TO 79304 [N.M.TAP 345] CKT 1
							OPEN 74002 [ROSETON 345] TO 74001 [ROCK TAV 345] CKT 1
5138.1	74018 SUGARLF 115	79359 SGRLF69 69.0	1	0.02125	246.7	218.0	OPEN 79304 [N.M.TAP 345] TO 75400 [COOPC345 345] CKT 1
							OPEN 74001 [ROCK TAV 345] TO 79304 [N.M.TAP 345] CKT 1
							OPEN 74002 [ROSETON 345] TO 74001 [ROCK TAV 345] CKT 1
5354.3	79303 SMAHWAH2 345	5028 WALDWICK 345	1	0.04182	636.4	589.0	OPEN 74340 [LADENTWN 345] TO 74313 [BUCH S 345] CKT 1
							OPEN 74347 [RAMAPO 345] TO 74312 [BUCH N 345] CKT 1
							OPEN 74410 [BUCHNTA5 138] TO 74312 [BUCH N 345] CKT 1
6345.1	74018 SUGARLF 115	74046 ROCK TV1 115	1	-0.02325	-221.3	218.0	OPEN 74001 [ROCK TAV 345] TO 74347 [RAMAPO 345] CKT 1
							OPEN 74347 [RAMAPO 345] TO 74312 [BUCH N 345] CKT 1
							OPEN 74410 [BUCHNTA5 138] TO 74312 [BUCH N 345] CKT 1
6371.3	74018 SUGARLF 115	79359 SGRLF69 69.0	1	0.02324	220.7	218.0	OPEN 74001 [ROCK TAV 345] TO 74347 [RAMAPO 345] CKT 1
							OPEN 74347 [RAMAPO 345] TO 74312 [BUCH N 345] CKT 1
							OPEN 74410 [BUCHNTA5 138] TO 74312 [BUCH N 345] CKT 1

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*** TLTG TRANSFER LIMIT OUTPUT FOR INTERFACE MILLSCLOSE ***

TOTAL TRANS CAPAB	LIMITING ELEMENT FROM	LIMITING ELEMENT TO	CKT	DISTR. FACTOR	PRE-SHIFT MW	RATING BAS/CNT A/C	CONTINGENCY DESCRIPTION
6500.7	79311 BURNS138 138	79313 MONSEY 138 1		-0.02379	-304.1	304.4	OPEN 74347 [RAMAPO 345] TO 74340 [LADENTWN 345] CKT 1
							OPEN 74340 [LADENTWN 345] TO 79300 [WHAV345 345] CKT 1
							OPEN 79300 [WHAV345 345] TO 74310 [BOWLINE1 345] CKT 10
							OPEN 79300 [WHAV345 345] TO 79325 [WHAV138 138] CKT 1
							OPEN 79391 [BOW1 20.0] TO 74310 [BOWLINE1 345] CKT 1
							REDUCE BUS 79391 [BOW1 20.0] GENERATION BY 100 PERCENT DISPATCH
6592.6	*74018 SUGARLF 115	74046 ROCK TV1 115 1		-0.02546	-215.3	218.0	OPEN 74001 [ROCK TAV 345] TO 74347 [RAMAPO 345] CKT 1
6616.6	*74018 SUGARLF 115	79359 SGRLF69 69.0 1		0.02546	214.7	218.0	OPEN 74001 [ROCK TAV 345] TO 74347 [RAMAPO 345] CKT 1
7012.5	74344 PLTVLLEY 345	78701 LEEDS 3 345 2		-0.28818	-1573.0	1724.0	OPEN 74344 [PLTVLLEY 345] TO 78705 [ATHENS 345] CKT 1
7065.2	79308 CHESTER 138	79321 SHOEM138 138 1		-0.05337	-273.6	304.4	OPEN 74001 [ROCK TAV 345] TO 74347 [RAMAPO 345] CKT 1
							OPEN 74001 [ROCK TAV 345] TO 74046 [ROCK TV1 115] CKT 1
							OPEN 74046 [ROCK TV1 115] TO 74018 [SUGARLF 115] CKT 1
7164.1	74344 PLTVLLEY 345	78705 ATHENS 345 1		-0.28028	-1534.6	1724.0	OPEN 74344 [PLTVLLEY 345] TO 78701 [LEEDS 3 345] CKT 2
7201.6	74344 PLTVLLEY 345	78701 LEEDS 3 345 2		-0.27638	-1526.9	1724.0	OPEN 78705 [ATHENS 345] TO 74344 [PLTVLLEY 345] CKT 1
							OPEN 74344 [PLTVLLEY 345] TO 74341 [MILLWOOD 345] CKT 1
7206.8	74344 PLTVLLEY 345	78701 LEEDS 3 345 2		-0.27667	-1525.2	1724.0	OPEN 78705 [ATHENS 345] TO 74344 [PLTVLLEY 345] CKT 1
							OPEN 74344 [PLTVLLEY 345] TO 74356 [WOOD B 345] CKT 1
7343.2	74403 ASTORIAW 138	74496 HG 5 138 1		0.15303	46.2	177.0	BASE CASE
7363.5	74344 PLTVLLEY 345	78705 ATHENS 345 1		-0.26914	-1488.5	1724.0	OPEN 78701 [LEEDS 3 345] TO 74344 [PLTVLLEY 345] CKT 2
							OPEN 74344 [PLTVLLEY 345] TO 74356 [WOOD B 345] CKT 1
7398.3	74403 ASTORIAW 138	74497 HG 6 138 1		0.14506	45.0	177.0	BASE CASE
7506.8	74344 PLTVLLEY 345	78701 LEEDS 3 345 2		-0.28818	-1430.5	1724.0	OPEN 78701 [LEEDS 3 345] TO 78705 [ATHENS 345] CKT 1
7515.1	74344 PLTVLLEY 345	78705 ATHENS 345 1		-0.26252	-1454.5	1724.0	OPEN 78701 [LEEDS 3 345] TO 74344 [PLTVLLEY 345] CKT 2
							OPEN 78702 [N.SCOT77 345] TO 78701 [LEEDS 3 345] CKT 1
7564.2	*74344 PLTVLLEY 345	78701 LEEDS 3 345 2		-0.27104	-1432.4	1724.0	OPEN 79583 [MARCY T1 345] TO 75400 [COOPC345 345] CKT 1
							OPEN 75403 [FRASR345 345] TO 75400 [COOPC345 345] CKT 1
7712.1	79303 SMAHWAH2 345	5028 WALDWICK 345 1		0.03563	545.4	589.0	OPEN 74347 [RAMAPO 345] TO 74340 [LADENTWN 345] CKT 1
							OPEN 74347 [RAMAPO 345] TO 74312 [BUCH N 345] CKT 1
							OPEN 74410 [BUCHNTA5 138] TO 74312 [BUCH N 345] CKT 1
7746.8	79308 CHESTER 138	79323 SGRLF138 138 1		0.05336	237.2	304.4	OPEN 74001 [ROCK TAV 345] TO 74347 [RAMAPO 345] CKT 1
							OPEN 74001 [ROCK TAV 345] TO 74046 [ROCK TV1 115] CKT 1
							OPEN 74046 [ROCK TV1 115] TO 74018 [SUGARLF 115] CKT 1
7749.8	79308 CHESTER 138	79321 SHOEM138 138 1		-0.04942	-242.1	304.4	OPEN 74001 [ROCK TAV 345] TO 74347 [RAMAPO 345] CKT 1
							OPEN 74001 [ROCK TAV 345] TO 74046 [ROCK TV1 115] CKT 1
7811.1	74345 RAINEY 345	74691 S. BRONX 345 3		-0.41400	-533.4	1081.0	OPEN 74345 [RAINEY 345] TO 74691 [S. BRONX 345] CKT 4
7811.1	74345 RAINEY 345	74691 S. BRONX 345 4		-0.41400	-533.4	1081.0	OPEN 74345 [RAINEY 345] TO 74691 [S. BRONX 345] CKT 3
7815.9	74403 ASTORIAW 138	74496 HG 5 138 1		0.29387	89.9	480.0	OPEN 74403 [ASTORIAW 138] TO 74497 [HG 6 138] CKT 1
7818.4	74403 ASTORIAW 138	74497 HG 6 138 1		0.29340	89.8	480.0	OPEN 74403 [ASTORIAW 138] TO 74496 [HG 5 138] CKT 1
7854.8	74344 PLTVLLEY 345	78705 ATHENS 345 1		-0.25793	-1371.6	1724.0	OPEN 79583 [MARCY T1 345] TO 75400 [COOPC345 345] CKT 1
							OPEN 75403 [FRASR345 345] TO 75400 [COOPC345 345] CKT 1
7857.4	74435 E179 ST 138	74497 HG 6 138 1		-0.30038	189.2	222.0	BASE CASE
7901.2	74651 REAC72 345	74691 S. BRONX 345 4		0.21079	417.2	715.0	BASE CASE
7901.2	74650 REAC71 345	74691 S. BRONX 345 3		0.21079	417.2	715.0	BASE CASE
7901.2	74316 DUNWODIE 345	74651 REAC72 345 SR		0.21079	417.2	715.0	BASE CASE
7901.2	74316 DUNWODIE 345	74650 REAC71 345 SR		0.21079	417.2	715.0	BASE CASE
7908.7	*74344 PLTVLLEY 345	78705 ATHENS 345 1		-0.19264	-1057.4	1331.0	BASE CASE

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*** TLTG TRANSFER LIMIT OUTPUT FOR INTERFACE MILLSCLOSE ***

TOTAL TRANS CAPAB	LIMITING ELEMENT FROM	LIMITING ELEMENT TO	CKT	DISTR. FACTOR	PRE-SHIFT MW	RATING BAS/CNT A/C	CONTINGENCY DESCRIPTION
7911.3	79308 CHESTER 138	79321 SHOEM138 138	1	-0.04567	-239.4	304.4	OPEN 74001 [ROCK TAV 345] TO 74347 [RAMAPO 345] CKT 1
							OPEN 74347 [RAMAPO 345] TO 74312 [BUCH N 345] CKT 1
							OPEN 74410 [BUCHNTA5 138] TO 74312 [BUCH N 345] CKT 1
7933.0	79308 CHESTER 138	79321 SHOEM138 138	1	-0.04914	-233.4	304.4	OPEN 74001 [ROCK TAV 345] TO 75400 [COOPC345 345] CKT 2
							OPEN 74001 [ROCK TAV 345] TO 74347 [RAMAPO 345] CKT 1
7958.2	74316 DUNWODIE 345	75000 SHORE RD 345	1	0.17910	423.7	687.0	BASE CASE
7961.5	79304 N.M.TAP 345	79322 SHOEMTAP 138	1	0.06669	568.7	667.0	OPEN 74001 [ROCK TAV 345] TO 74347 [RAMAPO 345] CKT 1
							OPEN 74001 [ROCK TAV 345] TO 74046 [ROCK TV1 115] CKT 1
							OPEN 74046 [ROCK TV1 115] TO 74018 [SUGARLF 115] CKT 1
7990.5	*79308 CHESTER 138	79321 SHOEM138 138	1	-0.04866	-231.3	304.4	OPEN 74001 [ROCK TAV 345] TO 74347 [RAMAPO 345] CKT 1
8157.3	74348 SPRBROOK 345	74568 REACM52 345	SR	0.19962	440.8	774.0	BASE CASE
8157.3	74348 SPRBROOK 345	74567 REACM51 345	SR	0.19962	440.8	774.0	BASE CASE
8164.9	74354 W 49 ST 345	74568 REACM52 345	2	-0.19962	-439.3	774.0	BASE CASE
8164.9	74354 W 49 ST 345	74567 REACM51 345	1	-0.19962	-439.3	774.0	BASE CASE
8191.4	74002 ROSETON 345	74331 FISHKILL 345	1	0.20033	1593.8	1935.0	BASE CASE
8274.8	74403 ASTORIAW 138	74497 HG 6 138	1	0.29452	-46.1	480.0	OPEN 74496 [HG 5 138] TO 74497 [HG 6 138] CKT 1
8304.2	74345 RAINEY 345	74612 8W DUM 138	8	0.29943	-230.7	313.0	OPEN 74530 [RAINEY8E 138] TO 74611 [8E DUM 138] CKT 1
8304.6	74345 RAINEY 345	74612 8W DUM 138	8	0.29943	-230.8	313.0	OPEN 74530 [RAINEY8E 138] TO 74556 [VERNON-E 138] CKT 1
8317.9	79304 N.M.TAP 345	75400 COOPC345 345	1	-0.27949	-1281.6	1793.0	OPEN 74001 [ROCK TAV 345] TO 75400 [COOPC345 345] CKT 2
							OPEN 75400 [COOPC345 345] TO 75440 [COOPC115 115] CKT 1
8322.7	74345 RAINEY 345	74612 8W DUM 138	8	0.22377	-170.5	240.0	BASE CASE
8330.1	79304 N.M.TAP 345	75400 COOPC345 345	1	-0.27928	-1278.6	1793.0	OPEN 74001 [ROCK TAV 345] TO 75400 [COOPC345 345] CKT 2
8366.1	79319 RAMP138 138	79361 TALLMAN 138	1	0.06129	189.3	304.4	OPEN 74347 [RAMAPO 345] TO 74340 [LADENTWN 345] CKT 1
							OPEN 74347 [RAMAPO 345] TO 74312 [BUCH N 345] CKT 1
							OPEN 74410 [BUCHNTA5 138] TO 74312 [BUCH N 345] CKT 1
8368.2	74345 RAINEY 345	74612 8W DUM 138	8	0.29943	-249.9	313.0	OPEN 74345 [RAINEY 345] TO 74611 [8E DUM 138] CKT 8
8395.7	*74345 RAINEY 345	74612 8W DUM 138	8	0.22377	-113.8	313.0	OPEN 74612 [8W DUM 138] TO 74728 [RYYGT81113.8] CKT 1
8400.1	74001 ROCK TAV 345	74347 RAMAPO 345	1	0.30901	1578.3	2169.0	OPEN 74331 [FISHKILL 345] TO 74022 [E FISH I 115] CKT 1
							OPEN 74331 [FISHKILL 345] TO 74002 [ROSETON 345] CKT 1
8419.2	74001 ROCK TAV 345	74347 RAMAPO 345	1	0.30371	1582.6	2169.0	OPEN 74002 [ROSETON 345] TO 74331 [FISHKILL 345] CKT 1
8440.3	74435 E179 ST 138	74497 HG 6 138	1	-0.30045	106.5	480.0	OPEN 74348 [SPRBROOK 345] TO 74351 [TREMONT 345] CKT 1
							OPEN 74348 [SPRBROOK 345] TO 74419 [DUN NO T 138] CKT 6
8449.4	74435 E179 ST 138	74497 HG 6 138	1	-0.30044	109.2	480.0	OPEN 74348 [SPRBROOK 345] TO 74351 [TREMONT 345] CKT 1
							OPEN 74348 [SPRBROOK 345] TO 74423 [DUN SO T 138] CKT 7
8477.8	74435 E179 ST 138	74497 HG 6 138	1	-0.30175	120.3	480.0	OPEN 74348 [SPRBROOK 345] TO 74351 [TREMONT 345] CKT 1
							OPEN 74312 [BUCH N 345] TO 74317 [E VIEW1 345] CKT 1
							OPEN 74348 [SPRBROOK 345] TO 74317 [E VIEW1 345] CKT 1
							OPEN 74428 [EASTVIEW 138] TO 74317 [E VIEW1 345] CKT 1
8485.8	79308 CHESTER 138	79323 SGRLF138 138	1	0.04942	205.7	304.4	OPEN 74001 [ROCK TAV 345] TO 74347 [RAMAPO 345] CKT 1
							OPEN 74001 [ROCK TAV 345] TO 74046 [ROCK TV1 115] CKT 1
8498.8	74001 ROCK TAV 345	75400 COOPC345 345	2	-0.26090	-1268.5	1793.0	OPEN 79304 [N.M.TAP 345] TO 75400 [COOPC345 345] CKT 1
							OPEN 74001 [ROCK TAV 345] TO 79304 [N.M.TAP 345] CKT 1
							OPEN 74002 [ROSETON 345] TO 74001 [ROCK TAV 345] CKT 1
8516.6	*74435 E179 ST 138	74497 HG 6 138	1	-0.30038	129.3	480.0	OPEN 74348 [SPRBROOK 345] TO 74351 [TREMONT 345] CKT 1
8544.6	74001 ROCK TAV 345	75400 COOPC345 345	2	-0.27309	-1231.5	1793.0	OPEN 79304 [N.M.TAP 345] TO 75400 [COOPC345 345] CKT 1
8556.8	79321 SHOEM138 138	79322 SHOEMTAP 138	1	-0.06669	-568.7	706.7	OPEN 74001 [ROCK TAV 345] TO 74347 [RAMAPO 345] CKT 1
							OPEN 74001 [ROCK TAV 345] TO 74046 [ROCK TV1 115] CKT 1
							OPEN 74046 [ROCK TV1 115] TO 74018 [SUGARLF 115] CKT 1

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*** TLTG EXPORT LIMIT OUTPUT FOR BASE CASE ***

DISTRIBUTION FACTOR FILE: C:\NYISO\CRPP4\ds.dfx
SUBSYSTEM DESCRIPTION FILE: C:\NYISO\CRPP\sysds.sub
MONITORED ELEMENT FILE: C:\NYISO\CRPP\mondsM29.mon
CONTINGENCY DESCRIPTION FILE: C:\NYISO\CRPP\contds1.con

	PRE-SHIFT	DELTA	POST-SHIFT
STUDY SYSTEM MW GENERATION:	717.4	1000.0	1717.4
OPPOSING SYSTEM MW GENERATION:	3397.0	-1000.0	2397.0
STUDY SYSTEM NET INTERCHANGE:	700.1	1000.0	1700.1

STUDY SYSTEM		GENERATOR MW			OPPOSING SYSTEM		GENERATOR MW		
BUS	BUS NAME	BASE	SHIFT	CHANGE	BUS	BUS NAME	BASE	SHIFT	CHANGE
80900	LAKEVWG518.0	211.9	661.9	450.0	74700	AK 3 22.0	491.0	351.0	-140.0
81422	LENNOXG220.0	505.5	1055.5	550.0	74702	RAV 3 22.0	972.0	572.0	-400.0
					74703	AK 2 20.0	334.0	274.0	-60.0
					74708	RAV 2 20.0	385.0	285.0	-100.0
					74709	COGENGT113.8	78.0	38.0	-40.0
					74710	COGENGT213.8	78.0	38.0	-40.0
					74711	COGENGT313.8	78.0	38.0	-40.0
					74712	COGENGT413.8	78.0	38.0	-40.0
					74713	COGENGT513.8	78.0	38.0	-40.0
					74714	COGENST113.8	85.0	65.0	-20.0
					74907	NRTPTG2 22.0	380.0	340.0	-40.0
					74908	NRTPTG3 22.0	360.0	320.0	-40.0

LOADINGS AT OR ABOVE 100.0 %
OF RATING ARE MARKED WITH '*'

<----- FROM ----->	<------ TO ------>	CKT	BASE CASE TOTAL TRANS CAPAB	RATING A	PRE-SHIFT MW	POST-SHIFT MW	LIMIT CASE MW	DISTR. FACTOR
74651 REAC72 345	74691 S. BRONX 345	4	1970.3	715	417.2	651.6	715.0*	0.23446
74650 REAC71 345	74691 S. BRONX 345	3	1970.3	715	417.2	651.6	715.0*	0.23446
74316 DUNWODIE 345	74651 REAC72 345	SR	1970.3	715	417.2	651.6	715.0	0.23446
74316 DUNWODIE 345	74650 REAC71 345	SR	1970.3	715	417.2	651.6	715.0	0.23446
74348 SPRBROOK 345	74567 REACM51 345	SR	2175.9	774	440.8	666.6	727.6	0.22574
74348 SPRBROOK 345	74568 REACM52 345	SR	2175.9	774	440.8	666.6	727.6	0.22574
74354 W 49 ST 345	74568 REACM52 345	2	2182.6	774	-439.3	-665.1	-726.1	-0.22574
74354 W 49 ST 345	74567 REACM51 345	1	2182.6	774	-439.3	-665.1	-726.1	-0.22574
INTERFACE I TO J			2541.3	4026	2331.3	3251.7	3500.4	0.92041
74484 GRENWOOD 138	74504 KENTTAP 138	1	2581.6	179	-122.4	-152.5	-160.6	-0.03009
74345 RAINEY 345	74691 S. BRONX 345	4	2591.4	715	-271.6	-506.0	-569.4	-0.23446
74345 RAINEY 345	74691 S. BRONX 345	3	2591.4	715	-271.6	-506.0	-569.4	-0.23446
74484 GRENWOOD 138	74556 VERNON-E 138	1	2670.8	179	-120.0	-149.9	-158.0	-0.02994
INTERFACE DUNW-SOUTH P			2728.1	5421	3393.9	4393.4	4663.5	0.99955
INTERFACE DUNW-SOUTH O			2800.2	4554	2621.0	3541.4	3790.1	0.92041
74504 KENTTAP 138	74557 VERNON-W 138	1	3903.0	179	-82.6	-112.7	-120.9	-0.03009
74316 DUNWODIE 345	75000 SHORE RD 345	1	4026.5	687	423.7	502.9	524.3	0.07914
74322 E15ST 45 345	74354 W 49 ST 345	1	4957.4	774	190.3	-36.2	-97.4	-0.22650

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*** TLTG TRANSFER LIMIT OUTPUT FOR INTERFACE DUNW-SOUTH P ***

<- INTERFACE 'DUNW-SOUTH P' DEFINITION ->

<----- FROM ----->	<------ TO ------>	CKT	DISTR. FACTOR	PRE-SHIFT MW
74316 DUNWODIE 345	75000 SHORE RD 345	1	0.07918	423.7
74348 SPRBROOK 345	74351 TREMONT 345	1	0.00000	358.4
74349 REACBUS 345	79607 DVNPT NK 345	1	0.00000	638.8
74420 DUN NO1R 138	74533 S CREEK 138	1	0.00000	65.0
74421 DUN NO2R 138	74533 S CREEK 138	1	0.00000	65.0
74424 DUN SO1R 138	74435 E179 ST 138	1	0.00000	129.8
74650 REAC71 345	74691 S. BRONX 345	3	0.23457	417.2
74651 REAC72 345	74691 S. BRONX 345	4	0.23457	417.2
74567 REACM51 345	74354 W 49 ST 345	1	0.22584	439.3
74568 REACM52 345	74354 W 49 ST 345	2	0.22584	439.3
TOTALS FOR INTERFACE DUNW-SOUTH P			1.00000	3393.9

TOTAL TRANS CAPAB	<---------- LIMITING ELEMENT ----------> <----- FROM ----->	<------ TO ------>	CKT	DISTR. FACTOR	PRE-SHIFT MW	RATING BAS/CNT A/C	<---------- CONTINGENCY DESCRIPTION ---------->
4663.5	74650 REAC71 345	74691 S. BRONX 345	3	0.23457	417.2	715.0	BASE CASE
4663.5	74651 REAC72 345	74691 S. BRONX 345	4	0.23457	417.2	715.0	BASE CASE
4663.5	74316 DUNWODIE 345	74650 REAC71 345	SR	0.23457	417.2	715.0	BASE CASE
4663.5	74316 DUNWODIE 345	74651 REAC72 345	SR	0.23457	417.2	715.0	BASE CASE
4869.1	74348 SPRBROOK 345	74567 REACM51 345	SR	0.22584	440.8	774.0	BASE CASE
4869.1	74348 SPRBROOK 345	74568 REACM52 345	SR	0.22584	440.8	774.0	BASE CASE
4875.8	74354 W 49 ST 345	74568 REACM52 345	2	-0.22584	-439.3	774.0	BASE CASE
4875.8	74354 W 49 ST 345	74567 REACM51 345	1	-0.22584	-439.3	774.0	BASE CASE
5234.3	INTERFACE I TO J			0.92083	2331.3	4026.0	BASE CASE
5274.6	74484 GRENWOOD 138	74504 KENTTAP 138	1	-0.03010	-122.4	179.0	BASE CASE
5284.3	74345 RAINEY 345	74691 S. BRONX 345	3	-0.23457	-271.6	715.0	BASE CASE
5284.3	74345 RAINEY 345	74691 S. BRONX 345	4	-0.23457	-271.6	715.0	BASE CASE
5363.7	74484 GRENWOOD 138	74556 VERNON-E 138	1	-0.02995	-120.0	179.0	BASE CASE
5421.0	INTERFACE DUNW-SOUTH P			1.00000	3393.9	5421.0	BASE CASE
5456.6	74651 REAC72 345	74691 S. BRONX 345	4	0.27815	507.3	1081.0	OPEN 74348 [SPRBROOK 345] TO 74568 [REACM52 345] CKT SR
							OPEN 74568 [REACM52 345] TO 74354 [W 49 ST 345] CKT 2
							OPEN 74348 [SPRBROOK 345] TO 74419 [DUN NO T 138] CKT 6
5456.6	74650 REAC71 345	74691 S. BRONX 345	3	0.27815	507.3	1081.0	OPEN 74348 [SPRBROOK 345] TO 74567 [REACM51 345] CKT SR
							OPEN 74567 [REACM51 345] TO 74354 [W 49 ST 345] CKT 1
							OPEN 74348 [SPRBROOK 345] TO 74419 [DUN NO T 138] CKT 6
5456.6	74650 REAC71 345	74691 S. BRONX 345	3	0.27815	507.3	1081.0	OPEN 74348 [SPRBROOK 345] TO 74568 [REACM52 345] CKT SR
							OPEN 74568 [REACM52 345] TO 74354 [W 49 ST 345] CKT 2
							OPEN 74348 [SPRBROOK 345] TO 74419 [DUN NO T 138] CKT 6
5456.6	74651 REAC72 345	74691 S. BRONX 345	4	0.27815	507.3	1081.0	OPEN 74348 [SPRBROOK 345] TO 74567 [REACM51 345] CKT SR
							OPEN 74567 [REACM51 345] TO 74354 [W 49 ST 345] CKT 1
							OPEN 74348 [SPRBROOK 345] TO 74419 [DUN NO T 138] CKT 6
5456.6	74316 DUNWODIE 345	74650 REAC71 345	SR	0.27814	507.3	1081.0	OPEN 74348 [SPRBROOK 345] TO 74568 [REACM52 345] CKT SR
							OPEN 74568 [REACM52 345] TO 74354 [W 49 ST 345] CKT 2
							OPEN 74348 [SPRBROOK 345] TO 74419 [DUN NO T 138] CKT 6
5456.6	74316 DUNWODIE 345	74651 REAC72 345	SR	0.27814	507.3	1081.0	OPEN 74348 [SPRBROOK 345] TO 74568 [REACM52 345] CKT SR
							OPEN 74568 [REACM52 345] TO 74354 [W 49 ST 345] CKT 2
							OPEN 74348 [SPRBROOK 345] TO 74419 [DUN NO T 138] CKT 6

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*** TLTG TRANSFER LIMIT OUTPUT FOR INTERFACE DUNW-SOUTH O ***

<- INTERFACE 'DUNW-SOUTH O' DEFINITION ->

<----- FROM ----->	<------ TO ------>	CKT	DISTR. FACTOR	PRE-SHIFT MW
74348 SPRBROOK 345	74351 TREMONT 345	1	0.00000	358.4
74420 DUN NO1R 138	74533 S CREEK 138	1	0.00000	65.0
74421 DUN NO2R 138	74533 S CREEK 138	1	0.00000	65.0
74424 DUN SO1R 138	74435 E179 ST 138	1	0.00000	129.8
74650 REAC71 345	74691 S. BRONX 345	3	0.25474	417.2
74651 REAC72 345	74691 S. BRONX 345	4	0.25474	417.2
74567 REACM51 345	74354 W 49 ST 345	1	0.24526	439.3
74568 REACM52 345	74354 W 49 ST 345	2	0.24526	439.3
75047 L SUCSPH 138	74505 JAMAICA 138	1	0.00000	147.9
75067 V STRM P 138	74505 JAMAICA 138	1	0.00000	141.8
TOTALS FOR INTERFACE DUNW-SOUTH O			1.00000	2621.0

TOTAL TRANS CAPAB	<---------- LIMITING ELEMENT ----------> <----- FROM ----->	<------ TO ------>	CKT	DISTR. FACTOR	PRE-SHIFT MW	RATING BAS/CNT A/C	<---------- CONTINGENCY DESCRIPTION ---------->
3790.1	74650 REAC71 345	74691 S. BRONX 345	3	0.25474	417.2	715.0	BASE CASE
3790.1	74651 REAC72 345	74691 S. BRONX 345	4	0.25474	417.2	715.0	BASE CASE
3790.1	74316 DUNWODIE 345	74650 REAC71 345	SR	0.25474	417.2	715.0	BASE CASE
3790.1	74316 DUNWODIE 345	74651 REAC72 345	SR	0.25474	417.2	715.0	BASE CASE
3979.4	74348 SPRBROOK 345	74567 REACM51 345	SR	0.24526	440.8	774.0	BASE CASE
3979.4	74348 SPRBROOK 345	74568 REACM52 345	SR	0.24526	440.8	774.0	BASE CASE
3985.6	74354 W 49 ST 345	74568 REACM52 345	2	-0.24526	-439.3	774.0	BASE CASE
3985.6	74354 W 49 ST 345	74567 REACM51 345	1	-0.24526	-439.3	774.0	BASE CASE
4315.7	INTERFACE I TO J			1.00000	2331.3	4026.0	BASE CASE
4352.8	74484 GRENWOOD 138	74504 KENTTAP 138	1	-0.03269	-122.4	179.0	BASE CASE
4361.8	74345 RAINEY 345	74691 S. BRONX 345	3	-0.25474	-271.6	715.0	BASE CASE
4361.8	74345 RAINEY 345	74691 S. BRONX 345	4	-0.25474	-271.6	715.0	BASE CASE
4434.8	74484 GRENWOOD 138	74556 VERNON-E 138	1	-0.03252	-120.0	179.0	BASE CASE
4487.6	INTERFACE DUNW-SOUTH P			1.08598	3393.9	5421.0	BASE CASE
4520.4	74651 REAC72 345	74691 S. BRONX 345	4	0.30206	507.3	1081.0	OPEN 74348 [SPRBROOK 345] TO 74568 [REACM52 345] CKT SR
							OPEN 74568 [REACM52 345] TO 74354 [W 49 ST 345] CKT 2
							OPEN 74348 [SPRBROOK 345] TO 74419 [DUN NO T 138] CKT 6
4520.4	74650 REAC71 345	74691 S. BRONX 345	3	0.30206	507.3	1081.0	OPEN 74348 [SPRBROOK 345] TO 74567 [REACM51 345] CKT SR
							OPEN 74567 [REACM51 345] TO 74354 [W 49 ST 345] CKT 1
							OPEN 74348 [SPRBROOK 345] TO 74419 [DUN NO T 138] CKT 6
4520.4	74650 REAC71 345	74691 S. BRONX 345	3	0.30206	507.3	1081.0	OPEN 74348 [SPRBROOK 345] TO 74568 [REACM52 345] CKT SR
							OPEN 74568 [REACM52 345] TO 74354 [W 49 ST 345] CKT 2
							OPEN 74348 [SPRBROOK 345] TO 74419 [DUN NO T 138] CKT 6
4520.4	74651 REAC72 345	74691 S. BRONX 345	4	0.30206	507.3	1081.0	OPEN 74348 [SPRBROOK 345] TO 74567 [REACM51 345] CKT SR
							OPEN 74567 [REACM51 345] TO 74354 [W 49 ST 345] CKT 1
							OPEN 74348 [SPRBROOK 345] TO 74419 [DUN NO T 138] CKT 6
4520.4	74316 DUNWODIE 345	74650 REAC71 345	SR	0.30205	507.3	1081.0	OPEN 74348 [SPRBROOK 345] TO 74568 [REACM52 345] CKT SR
							OPEN 74568 [REACM52 345] TO 74354 [W 49 ST 345] CKT 2
							OPEN 74348 [SPRBROOK 345] TO 74419 [DUN NO T 138] CKT 6
4520.4	74316 DUNWODIE 345	74651 REAC72 345	SR	0.30205	507.3	1081.0	OPEN 74348 [SPRBROOK 345] TO 74568 [REACM52 345] CKT SR
							OPEN 74568 [REACM52 345] TO 74354 [W 49 ST 345] CKT 2
							OPEN 74348 [SPRBROOK 345] TO 74419 [DUN NO T 138] CKT 6

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*** TLTG TRANSFER LIMIT OUTPUT FOR INTERFACE I TO J ***

<- INTERFACE 'I TO J ' DEFINITION ->

<----- FROM ----->	<------ TO ------>	CKT	DISTR. FACTOR	PRE-SHIFT MW
74348 SPRBROOK 345	74351 TREMONT 345	1	0.00000	358.4
74420 DUN NO1R 138	74533 S CREEK 138	1	0.00000	65.0
74421 DUN NO2R 138	74533 S CREEK 138	1	0.00000	65.0
74424 DUN SO1R 138	74435 E179 ST 138	1	0.00000	129.8
74650 REAC71 345	74691 S. BRONX 345	3	0.25474	417.2
74651 REAC72 345	74691 S. BRONX 345	4	0.25474	417.2
74567 REACM51 345	74354 W 49 ST 345	1	0.24526	439.3
74568 REACM52 345	74354 W 49 ST 345	2	0.24526	439.3
TOTALS FOR INTERFACE I TO J			1.00000	2331.3

TOTAL TRANS CAPAB	<---------- LIMITING ELEMENT ----------> <----- FROM ----->	<------ TO ------>	CKT	DISTR. FACTOR	PRE-SHIFT MW	RATING BAS/CNT A/C	<---------- CONTINGENCY DESCRIPTION ---------->
3500.4	74650 REAC71 345	74691 S. BRONX 345	3	0.25474	417.2	715.0	BASE CASE
3500.4	74651 REAC72 345	74691 S. BRONX 345	4	0.25474	417.2	715.0	BASE CASE
3500.4	74316 DUNWODIE 345	74650 REAC71 345	SR	0.25474	417.2	715.0	BASE CASE
3500.4	74316 DUNWODIE 345	74651 REAC72 345	SR	0.25474	417.2	715.0	BASE CASE
3689.7	74348 SPRBROOK 345	74567 REACM51 345	SR	0.24526	440.8	774.0	BASE CASE
3689.7	74348 SPRBROOK 345	74568 REACM52 345	SR	0.24526	440.8	774.0	BASE CASE
3695.9	74354 W 49 ST 345	74568 REACM52 345	2	-0.24526	-439.3	774.0	BASE CASE
3695.9	74354 W 49 ST 345	74567 REACM51 345	1	-0.24526	-439.3	774.0	BASE CASE
4026.0	INTERFACE I TO J			1.00000	2331.3	4026.0	BASE CASE
4063.1	74484 GRENWOOD 138	74504 KENTTAP 138	1	-0.03269	-122.4	179.0	BASE CASE
4072.1	74345 RAINEY 345	74691 S. BRONX 345	3	-0.25474	-271.6	715.0	BASE CASE
4072.1	74345 RAINEY 345	74691 S. BRONX 345	4	-0.25474	-271.6	715.0	BASE CASE
4145.1	74484 GRENWOOD 138	74556 VERNON-E 138	1	-0.03252	-120.0	179.0	BASE CASE
4197.9	INTERFACE DUNW-SOUTH P			1.08598	3393.9	5421.0	BASE CASE
4230.7	74651 REAC72 345	74691 S. BRONX 345	4	0.30206	507.3	1081.0	OPEN 74348 [SPRBROOK 345] TO 74568 [REACM52 345] CKT SR
							OPEN 74568 [REACM52 345] TO 74354 [W 49 ST 345] CKT 2
							OPEN 74348 [SPRBROOK 345] TO 74419 [DUN NO T 138] CKT 6
4230.7	74650 REAC71 345	74691 S. BRONX 345	3	0.30206	507.3	1081.0	OPEN 74348 [SPRBROOK 345] TO 74567 [REACM51 345] CKT SR
							OPEN 74567 [REACM51 345] TO 74354 [W 49 ST 345] CKT 1
							OPEN 74348 [SPRBROOK 345] TO 74419 [DUN NO T 138] CKT 6
4230.7	74650 REAC71 345	74691 S. BRONX 345	3	0.30206	507.3	1081.0	OPEN 74348 [SPRBROOK 345] TO 74568 [REACM52 345] CKT SR
							OPEN 74568 [REACM52 345] TO 74354 [W 49 ST 345] CKT 2
							OPEN 74348 [SPRBROOK 345] TO 74419 [DUN NO T 138] CKT 6
4230.7	74651 REAC72 345	74691 S. BRONX 345	4	0.30206	507.3	1081.0	OPEN 74348 [SPRBROOK 345] TO 74567 [REACM51 345] CKT SR
							OPEN 74567 [REACM51 345] TO 74354 [W 49 ST 345] CKT 1
							OPEN 74348 [SPRBROOK 345] TO 74419 [DUN NO T 138] CKT 6
4230.7	74316 DUNWODIE 345	74650 REAC71 345	SR	0.30205	507.3	1081.0	OPEN 74348 [SPRBROOK 345] TO 74568 [REACM52 345] CKT SR
							OPEN 74568 [REACM52 345] TO 74354 [W 49 ST 345] CKT 2
							OPEN 74348 [SPRBROOK 345] TO 74419 [DUN NO T 138] CKT 6
4230.7	74316 DUNWODIE 345	74651 REAC72 345	SR	0.30205	507.3	1081.0	OPEN 74348 [SPRBROOK 345] TO 74568 [REACM52 345] CKT SR
							OPEN 74568 [REACM52 345] TO 74354 [W 49 ST 345] CKT 2
							OPEN 74348 [SPRBROOK 345] TO 74419 [DUN NO T 138] CKT 6
4230.7	74316 DUNWODIE 345	74651 REAC72 345	SR	0.30205	507.3	1081.0	OPEN 74348 [SPRBROOK 345] TO 74567 [REACM51 345] CKT SR
							OPEN 74567 [REACM51 345] TO 74354 [W 49 ST 345] CKT 1
							OPEN 74348 [SPRBROOK 345] TO 74419 [DUN NO T 138] CKT 6

CEII 2005 FERC FORM NO. 715, 2012 SUM BASE V4
2005 SUMMER PEAK, LEVEL 5 (04/01/05)

*** TLTG EXPORT LIMIT OUTPUT FOR BASE CASE ***

DISTRIBUTION FACTOR FILE: C:\NYISO\CRPP4\li.dfx
SUBSYSTEM DESCRIPTION FILE: C:\NYISO\CRPP\sysli.sub
MONITORED ELEMENT FILE: C:\NYISO\CRPP\monli.mon
CONTINGENCY DESCRIPTION FILE: C:\NYISO\CRPP\contli.con

	PRE-SHIFT	DELTA	POST-SHIFT
STUDY SYSTEM MW GENERATION:	4666.0	1000.0	5666.0
OPPOSING SYSTEM MW GENERATION:	1386.0	-1000.0	386.0
STUDY SYSTEM NET INTERCHANGE:	4615.4	1000.0	5615.4

STUDY SYSTEM					OPPOSING SYSTEM				
		GENERATOR MW					GENERATOR MW		
BUS	BUS NAME	BASE	SHIFT	CHANGE	BUS	BUS NAME	BASE	SHIFT	CHANGE
74190	ROSE GN124.0	738.3	914.8	176.5	74900	BARETG1 20.0	176.0	-4.0	-180.0
74302	ER G7 13.2	166.0	224.8	58.8	74907	NRTPTG2 22.0	380.0	140.0	-240.0
74700	AK 3 22.0	491.0	608.6	117.6	74908	NRTPTG3 22.0	360.0	120.0	-240.0
74705	AST 4 20.0	575.6	634.5	58.8	74909	NRTPTG4 22.0	380.0	140.0	-240.0
74706	AST 5 20.0	361.0	478.6	117.6	79571	NYPA108 13.8	90.0	-10.0	-100.0
74707	RAV 1 20.0	385.0	561.5	176.5					
79390	BOW2 20.0	592.0	886.1	294.1					

INSOLUBLE CASE: UNABLE TO RELIEVE PRE-SHIFT SOLUTION OVERLOADS
WITHOUT CAUSING ADDITIONAL OVERLOADING

LOADINGS AT OR ABOVE 100.0 %
OF RATING ARE MARKED WITH '*'

				BASE CASE				
FROM	TO	CKT	TOTAL TRANS CAPAB	RATING A	PRE-SHIFT MW	POST-SHIFT MW	LIMIT CASE MW	DISTR. FACTOR
74402 ASTE-WRG 138	74705 AST 4 20.0	1	3638.9	259	-287.7*	-317.1*	-259.0*	-0.02941
74384 ASTE-ERG 138	74705 AST 4 20.0	2	3722.0	259	-285.3*	-314.7*	-256.6	-0.02942
75000 SHORE RD 345	74316 DUNWODIE 345	1	4878.9	687	-423.7	-1423.*	551.9	-0.99911
74557 VERNON-W 138	74707 RAV 1 20.0	1	5266.2	259	-201.3	-289.9*	-114.8	-0.08863
74556 VERNON-E 138	74707 RAV 1 20.0	2	5472.7	259	-183.7	-271.5*	-97.9	-0.08784
74332 FR KILLS 345	74700 AK 3 22.0	1	5473.9	592	-491.0	-608.6*	-376.1	-0.11765
INTERFACE LI IMPORT			5562.0	2746	1800.2	2799.3*	824.6	0.99911
75030 GLNWD NO 138	75163 GLNWD NO69.0	1	5633.6	118	57.9	116.9	0.4	0.05898
75031 GLNWD SO 138	75164 GLNWD SO69.0	1	5647.3	118	67.0	116.4	18.7	0.04944
INTERFACE CE/LI TIES			5744.7	1900	771.7	1770.8	-203.9	0.99911
74402 ASTE-WRG 138	74706 AST 5 20.0	1	5941.7	259	-181.0	-239.8	-123.6	-0.05882
74384 ASTE-ERG 138	74706 AST 5 20.0	2	5958.0	259	-180.0	-238.8	-122.6	-0.05883
INTERFACE LI EXPORT			6109.0	2366	-873.7	-1873.	101.9	-0.99911
75046 L SUCS 138	75180 LKE SCSS69.0	1	6260.9	239	111.7	189.1	36.2	0.07734
75046 L SUCS 138	75180 LKE SCSS69.0	2	6551.3	239	102.1	172.8	33.0	0.07072
74324 E15ST 47 345	74632 E RIVER 69.0	17	6834.5	240	-109.5	-168.3	-52.0	-0.05882
75039 ELWOOD 1 138	75156 ELWOOD 69.0	1	10489.5	114	89.4	54.8	123.2*	-0.03463
75063 SYOSSET 138	75224 SYOSSET 69.0	1	10769.1	239	144.5	82.1	205.3	-0.06231
75073 NEWBRG-2 138	75192 NEWBRGE269.0	1	11150.3	120	71.9	42.5	100.6	-0.02937
75042 GRENLAWN 138	75166 GRENLAWN69.0	1	12293.2	114	82.0	56.5	106.9	-0.02553

CEII 2005 FERC FORM NO. 715, 2012 SUM BASE V4
2005 SUMMER PEAK, LEVEL 5 (04/01/05)

*** TLTG TRANSFER LIMIT OUTPUT FOR INTERFACE LI IMPORT ***

<- INTERFACE 'LI IMPORT ' DEFINITION ->

<----- FROM ----->	<------ TO ------>	CKT	DISTR. FACTOR	PRE-SHIFT MW
74316 DUNWODIE	345 75000 SHORE RD	345 1	1.00000	423.7
79607 DVNPT NK	345 75004 HMP HRBR	345 1	0.00000	637.7
74505 JAMAICA	138 75047 L SUCSPH	138 1	0.00000	-147.9
74505 JAMAICA	138 75067 V STRM P	138 1	0.00000	-141.8
73166 NORHR138	138 75053 NRTHPT P	138 1	0.00000	102.0
75078 SHMHVDCL	192 75062 SHOREHAM	138 1	0.00000	329.5
74959 NEPTCONV	345 74958 NWBRG	345 1	0.00000	597.0
TOTALS FOR INTERFACE LI IMPORT			1.00000	1800.2

TOTAL TRANS CAPAB	<---------- LIMITING ELEMENT ----------> FROM ----->	<------ TO ------>	CKT	DISTR. FACTOR	PRE-SHIFT MW	RATING BAS/CNT A/C	<---------- CONTINGENCY DESCRIPTION ---------->
-2089.3	74402 ASTE-WRG 138	74705 AST 4 20.0	1	-0.05888	-573.0	344.0	OPEN 74384 [ASTE-ERG 138] TO 74705 [AST 4 20.0] CKT 2
-2089.3	74384 ASTE-ERG 138	74705 AST 4 20.0	2	-0.05888	-573.0	344.0	OPEN 74402 [ASTE-WRG 138] TO 74705 [AST 4 20.0] CKT 1
824.6	74402 ASTE-WRG 138	74705 AST 4 20.0	1	-0.02943	-287.7	259.0	BASE CASE
907.6	74384 ASTE-ERG 138	74705 AST 4 20.0	2	-0.02944	-285.3	259.0	BASE CASE
1655.8	74402 ASTE-WRG 138	74706 AST 5 20.0	1	-0.11775	-361.0	344.0	OPEN 74384 [ASTE-ERG 138] TO 74706 [AST 5 20.0] CKT 2
1655.8	74384 ASTE-ERG 138	74706 AST 5 20.0	2	-0.11775	-361.0	344.0	OPEN 74402 [ASTE-WRG 138] TO 74706 [AST 5 20.0] CKT 1
1805.9	74556 VERNON-E 138	74707 RAV 1 20.0	2	-0.17663	-385.0	386.0	OPEN 74557 [VERNON-W 138] TO 74707 [RAV 1 20.0] CKT 1
1805.9	74557 VERNON-W 138	74707 RAV 1 20.0	1	-0.17663	-385.0	386.0	OPEN 74556 [VERNON-E 138] TO 74707 [RAV 1 20.0] CKT 2
2063.5	75000 SHORE RD 345	74316 DUNWODIE 345	1	-1.00000	-423.7	687.0	BASE CASE
2450.5	74557 VERNON-W 138	74707 RAV 1 20.0	1	-0.08871	-201.3	259.0	BASE CASE
2558.9	75000 SHORE RD 345	74316 DUNWODIE 345	1	-1.00000	-753.3	1512.0	OPEN 79607 [DVNPT NK 345] TO 75004 [HMP HRBR 345] CKT 1
2656.8	74556 VERNON-E 138	74707 RAV 1 20.0	2	-0.08792	-183.7	259.0	BASE CASE
2657.9	74332 FR KILLS 345	74700 AK 3 22.0	1	-0.11775	-491.0	592.0	BASE CASE
2746.0	INTERFACE LI IMPORT			1.00000	1800.2	2746.0	BASE CASE
2772.0	75000 SHORE RD 345	74316 DUNWODIE 345	1	-1.00000	-540.2	1512.0	OPEN 75038 [E.G.C. 138] TO 75002 [E.G.C.-1 345] CKT 1
2772.2	75000 SHORE RD 345	74316 DUNWODIE 345	1	-1.00000	-540.0	1512.0	OPEN 75074 [E.G.C.-2 138] TO 75003 [E.G.C.-2 345] CKT 1
2773.0	*75000 SHORE RD 345	74316 DUNWODIE 345	1	-0.99903	-540.1	1512.0	OPEN 75038 [E.G.C. 138] TO 75050 [NEWBRGE 138] CKT 1
							OPEN 75038 [E.G.C. 138] TO 75002 [E.G.C.-1 345] CKT 1
2815.5	74402 ASTE-WRG 138	74705 AST 4 20.0	1	-0.03589	-307.6	344.0	OPEN 74402 [ASTE-WRG 138] TO 74706 [AST 5 20.0] CKT 1
2817.5	75030 GLNWD NO 138	75163 GLNWD NO69.0	1	0.05903	57.9	118.0	BASE CASE
2824.0	74402 ASTE-WRG 138	74705 AST 4 20.0	1	-0.03692	-306.2	344.0	OPEN 74384 [ASTE-ERG 138] TO 74495 [HG 4 138] CKT 1
2831.2	75031 GLNWD SO 138	75164 GLNWD SO69.0	1	0.04949	67.0	118.0	BASE CASE
2879.3	74384 ASTE-ERG 138	74705 AST 4 20.0	2	-0.03694	-304.1	344.0	OPEN 74402 [ASTE-WRG 138] TO 74492 [HG 1 138] CKT 1
2886.0	74384 ASTE-ERG 138	74705 AST 4 20.0	2	-0.03590	-305.0	344.0	OPEN 74384 [ASTE-ERG 138] TO 74706 [AST 5 20.0] CKT 2
2890.1	*74384 ASTE-ERG 138	74705 AST 4 20.0	2	-0.02944	-311.9	344.0	OPEN 74384 [ASTE-ERG 138] TO 74498 [ASTE-PAR 138] CKT 1
2928.5	INTERFACE CE/LI TIES			1.00000	771.7	1900.0	BASE CASE
2935.3	75030 GLNWD NO 138	75163 GLNWD NO69.0	1	0.09245	60.1	165.0	OPEN 75031 [GLNWD SO 138] TO 75041 [SHORE RD 138] CKT 1
2981.0	*74402 ASTE-WRG 138	74705 AST 4 20.0	1	-0.02943	-309.2	344.0	OPEN 74402 [ASTE-WRG 138] TO 74723 [SCS138-W 138] CKT 1
2996.2	75031 GLNWD SO 138	75164 GLNWD SO69.0	1	0.08009	69.2	165.0	OPEN 75030 [GLNWD NO 138] TO 75041 [SHORE RD 138] CKT 1
3054.0	75030 GLNWD NO 138	75163 GLNWD NO69.0	1	0.08201	62.2	165.0	OPEN 75038 [E.G.C. 138] TO 75060 [ROSLYN 138] CKT 1
							OPEN 75038 [E.G.C. 138] TO 75002 [E.G.C.-1 345] CKT 1
3099.2	75004 HMP HRBR 345	75005 EGC DUM 345	1	0.44193	824.9	1399.0	OPEN 74316 [DUNWODIE 345] TO 75000 [SHORE RD 345] CKT 1
							OPEN 75000 [SHORE RD 345] TO 75041 [SHORE RD 138] CKT 1
							OPEN 75000 [SHORE RD 345] TO 75041 [SHORE RD 138] CKT 2

CEII 2005 FERC FORM NO. 715, 2013 SUM PK V3
DYS1963 WC791 MS1539 TE5045 CE2524 US4779 UC3842 DS3273

*** TLTG EXPORT LIMIT OUTPUT FOR BASE CASE ***

DISTRIBUTION FACTOR FILE: C:\NYISO\CRPP4\de.dfx
SUBSYSTEM DESCRIPTION FILE: C:\NYISO\CRPP\sysde.sub
MONITORED ELEMENT FILE: C:\NYISO\CRPP\monde.mon
CONTINGENCY DESCRIPTION FILE: C:\NYISO\CRPP\contde.con

	PRE-SHIFT	DELTA	POST-SHIFT
STUDY SYSTEM MW GENERATION:	1222.9	1000.0	2222.9
OPPOSING SYSTEM MW GENERATION:	4607.2	-1000.0	3607.2
STUDY SYSTEM NET INTERCHANGE:	1204.4	1000.0	2204.4

<---------- STUDY SYSTEM ---------->				<---------- OPPOSING SYSTEM ---------->			
	<---- GENERATOR MW ---->				<---- GENERATOR MW ---->		
BUS BUS NAME	BASE	SHIFT	CHANGE	BUS BUS NAME	BASE	SHIFT	CHANGE
80900 LAKEVWG518.0	211.9	545.2	333.3	74190 ROSE GN124.0	612.7	532.7	-80.0
81422 LENNOXG220.0	505.5	838.8	333.3	74702 RAV 3 22.0	972.0	712.0	-260.0
81425 LENNOXG420.0	505.5	838.8	333.3	74703 AK 2 20.0	334.0	254.0	-80.0
				74705 AST 4 20.0	718.5	638.5	-80.0
				74907 NRTPTG2 22.0	380.0	280.0	-100.0
				74908 NRTPTG3 22.0	360.0	260.0	-100.0
				79390 BOW2 20.0	592.0	472.0	-120.0
				79538 POLETGT218.0	222.0	162.0	-60.0
				79539 POLETSTG18.0	194.0	134.0	-60.0
				79540 POLETGT118.0	222.0	162.0	-60.0

LOADINGS AT OR ABOVE 100.0 %
OF RATING ARE MARKED WITH '*'

<----- FROM ----->	<------ TO ------>	CKT	<---------- BASE CASE ----------> TOTAL TRANS CAPAB	RATING A	PRE-SHIFT MW	POST-SHIFT MW	LIMIT CASE MW	DISTR. FACTOR
75465 HINMN115 115	76261 HARIS115 115	1	2201.1	238	-204.0	-238.1*	-238.0*	-0.03413
75414 MEYER230 230	75417 STOLE230 230	1	2737.8	430	-260.6	-371.1	-370.7	-0.11045
76702 LOCKPORT 115	77126 TELRDTP1 115	1	2919.7	144	96.5	124.2	124.1	0.02770
75465 HINMN115 115	76702 LOCKPORT 115	1	2996.8	238	175.0	210.2	210.0	0.03513
76702 LOCKPORT 115	77101 SHEL-113 115	1	3061.3	144	90.8	119.4	119.4	0.02865
76702 LOCKPORT 115	77122 SOUR-111 115	1	3076.9	131	80.4	107.4	107.3	0.02704
79584 NIAG 345 345	79800 ROCH 345 345	1	3159.5	1301	596.4	956.8	955.6	0.36040
77122 SOUR-111 115	77123 SWDN-111 115	1	3233.8	131	76.1	103.2	103.1	0.02704
77400 CLAY 345	78450 EDIC 345	2	3327.7	1033	628.4	818.9	818.3	0.19055
77400 CLAY 345	78450 EDIC 345	1	3345.3	1033	626.4	816.3	815.7	0.18992
75405 OAKDL345 345	75403 FRASR345 345	1	3406.6	1255	674.6	938.2	937.3	0.26355
77101 SHEL-113 115	77124 SWDN-113 115	1	3412.3	144	80.7	109.4	109.3	0.02868
77109 LAPPINS1 115	77116 NLEROYTA 115	1	3423.0	139	75.5	104.1	104.0	0.02864
75426 BORDR115 115	77447 FRMGTN-4 115	1	3460.1	150	-75.7	-108.7	-108.6	-0.03292
77100 SOUR-114 115	77111 MORTIMER 115	1	3490.5	129	62.1	91.4	91.3	0.02926
77110 LAWLER-1 115	77111 MORTIMER 115	1	3528.0	129	-70.2	-95.5	-95.4	-0.02532
77112 MUMFORD1 115	77116 NLEROYTA 115	1	3530.7	129	-61.3	-90.4	-90.3	-0.02911
77100 SOUR-114 115	77126 TELRDTP1 115	1	3566.5	143	-73.8	-103.1	-103.0	-0.02929
77447 FRMGTN-4 115	79825 PANNELLI 115	1	3571.5	206	-124.2	-158.7	-158.6	-0.03457

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.                                CEII 2005 FERC FORM NO. 715, 2013 SUM PK V3                                          .
.                                DYS1963 WC791 MS1539 TE5045 CE2524 US4779 UC3842 DS3273                              .
.                                                                                                                     .
.                                *** TLTG TRANSFER LIMIT OUTPUT FOR INTERFACE DYSE OPEN    ***                        .
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<- INTERFACE 'DYSE OPEN   ' DEFINITION ->

<----- FROM ----->	<------ TO ------>	CKT	DISTR. FACTOR	PRE-SHIFT MW
75404 KINTI345 345	79800 ROCH 345 345	1	0.29379	624.1
79584 NIAG 345 345	79800 ROCH 345 345	1	0.43076	596.4
75417 STOLE230 230	75414 MEYER230 230	1	0.13201	260.6
75994 PALMT115 115	75992 BENET115 115	1	0.00000	-6.8
76702 LOCKPORT 115	77125 TELRDTP1 115	1	0.01542	78.5
76702 LOCKPORT 115	77115 NAKR-108 115	1	0.01299	56.1
76702 LOCKPORT 115	77117 OAKFLDTP 115	1	0.01534	66.1
76702 LOCKPORT 115	77122 SOUR-111 115	1	0.03232	80.4
76702 LOCKPORT 115	77101 SHEL-113 115	1	0.03425	90.8
76702 LOCKPORT 115	77126 TELRDTP1 115	1	0.03310	96.5
TOTALS FOR INTERFACE DYSE OPEN			1.00000	1942.7

TOTAL TRANS CAPAB	<---------- LIMITING ELEMENT ----------> <----- FROM ----->	<------ TO ------>	CKT	DISTR. FACTOR	PRE-SHIFT MW	RATING BAS/CNT A/C	<---------- CONTINGENCY DESCRIPTION ---------->
1824.5	76660 ELM-70 230	76837 ELMST23.23.0	1	0.02625	99.1	96.0	OPEN 76664 [HUNTLEY2 230] TO 76556 [SAWYER79 230] CKT 1
							OPEN 76556 [SAWYER79 230] TO 76668 [SUNY-79 230] CKT 1
							OPEN 76664 [HUNTLEY2 230] TO 76555 [SAWYER80 230] CKT 1
							OPEN 76555 [SAWYER80 230] TO 76669 [SUNY-80 230] CKT 1
2396.3	75476 MEYER115 115	75995 S.PER115 115	1	-0.02792	-91.3	104.0	OPEN 75412 [GARDV230 230] TO 75417 [STOLE230 230] CKT 1
							OPEN 75416 [ROBIN230 230] TO 75417 [STOLE230 230] CKT 1
							OPEN 75417 [STOLE230 230] TO 75414 [MEYER230 230] CKT 1
2456.6	75476 MEYER115 115	75995 S.PER115 115	1	-0.02778	-89.7	104.0	OPEN 75417 [STOLE230 230] TO 75414 [MEYER230 230] CKT 1
2483.3	75476 MEYER115 115	75995 S.PER115 115	1	-0.02997	-87.8	104.0	OPEN 75417 [STOLE230 230] TO 75414 [MEYER230 230] CKT 1
							OPEN 75406 [STOLE345 345] TO 479 [HOMER CY 345] CKT 1
2504.4	76527 FALCONER 115	281 WARREN 115	1	0.05122	53.2	82.0	OPEN 361 [ERIE E 230] TO 76501 [S RIPLEY 230] CKT 1
							OPEN 383 [E.SAYRE 115] TO 75486 [N.WAV115 115] CKT 1
2776.7	75465 HINMN115 115	76261 HARIS115 115	1	-0.04079	-204.0	238.0	BASE CASE
2803.6	76527 FALCONER 115	281 WARREN 115	1	0.05177	37.4	82.0	OPEN 76500 [DUNKIRK 230] TO 76501 [S RIPLEY 230] CKT 1
2827.3	75405 OAKDL345 345	75403 FRASR345 345	1	0.38146	1042.6	1380.0	OPEN 78450 [EDIC 345] TO 75403 [FRASR345 345] CKT 1
							OPEN 79583 [MARCY T1 345] TO 75400 [COOPC345 345] CKT 1
2852.2	77103 BATAVIA1 115	77121 SENECAP 115	1	0.05101	112.6	159.0	OPEN 79800 [ROCH 345 345] TO 79584 [NIAG 345 345] CKT 1
							OPEN 79800 [ROCH 345 345] TO 79819 [S80 1TR 115] CKT 1
2867.6	77103 BATAVIA1 115	77121 SENECAP 115	1	0.05074	112.1	159.0	OPEN 79800 [ROCH 345 345] TO 79584 [NIAG 345 345] CKT 1
							OPEN 79592 [NIAGAR2W 230] TO 79584 [NIAG 345 345] CKT 1
2879.7	76527 FALCONER 115	281 WARREN 115	1	0.04996	35.2	82.0	OPEN 76663 [GRDNVL2 230] TO 76500 [DUNKIRK 230] CKT 1
							OPEN 76500 [DUNKIRK 230] TO 76523 [DUNKIRK1 115] CKT 1
							OPEN 76500 [DUNKIRK 230] TO 76501 [S RIPLEY 230] CKT 1
2882.3	77103 BATAVIA1 115	77121 SENECAP 115	1	0.05122	110.9	159.0	OPEN 79584 [NIAG 345 345] TO 79800 [ROCH 345 345] CKT 1
2894.3	75465 HINMN115 115	76261 HARIS115 115	1	-0.05920	-249.7	306.0	OPEN 75412 [GARDV230 230] TO 75417 [STOLE230 230] CKT 1
							OPEN 75416 [ROBIN230 230] TO 75417 [STOLE230 230] CKT 1
							OPEN 75417 [STOLE230 230] TO 75414 [MEYER230 230] CKT 1
2897.5	77103 BATAVIA1 115	77121 SENECAP 115	1	0.05070	110.6	159.0	OPEN 79801 [PANNELL3 345] TO 79800 [ROCH 345 345] CKT 2
							OPEN 79800 [ROCH 345 345] TO 79584 [NIAG 345 345] CKT 1
2936.4	75465 HINMN115 115	76261 HARIS115 115	1	-0.05829	-248.1	306.0	OPEN 75416 [ROBIN230 230] TO 75417 [STOLE230 230] CKT 1
2988.3	76702 LOCKPORT 115	77122 SOUR-111 115	1	0.04997	106.8	159.0	OPEN 79800 [ROCH 345 345] TO 79584 [NIAG 345 345] CKT 1
							OPEN 79800 [ROCH 345 345] TO 79819 [S80 1TR 115] CKT 1

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*** TLTG TRANSFER LIMIT OUTPUT FOR INTERFACE DYSE OPEN ***

TOTAL TRANS CAPAB	<---------- LIMITING ELEMENT ----------> FROM ----->	TO ------>	CKT	DISTR. FACTOR	PRE-SHIFT MW	RATING BAS/CNT A/C	<---------- CONTINGENCY DESCRIPTION ---------->
3004.3	76702 LOCKPORT 115	77122 SOUR-111 115	1	0.04970	106.2	159.0	OPEN 79800 [ROCH 345 345] TO 79584 [NIAG 345 345] CKT 1
							OPEN 79592 [NIAGAR2W 230] TO 79584 [NIAG 345 345] CKT 1
3017.7	76702 LOCKPORT 115	77122 SOUR-111 115	1	0.05017	105.1	159.0	OPEN 79584 [NIAG 345 345] TO 79800 [ROCH 345 345] CKT 1
3021.1	75465 HINMN115 115	76261 HARIS115 115	1	-0.06334	-237.7	306.0	OPEN 79800 [ROCH 345 345] TO 79584 [NIAG 345 345] CKT 1
							OPEN 79800 [ROCH 345 345] TO 79819 [S80 1TR 115] CKT 1
3034.3	75469 KATEL115 115	75467 JENN 115 115	1	0.03872	116.7	159.0	OPEN 75405 [OAKDL345 345] TO 75403 [FRASR345 345] CKT 1
3034.4	76702 LOCKPORT 115	77122 SOUR-111 115	1	0.04966	104.8	159.0	OPEN 79801 [PANNELL3 345] TO 79800 [ROCH 345 345] CKT 2
							OPEN 79800 [ROCH 345 345] TO 79584 [NIAG 345 345] CKT 1
3035.1	*75465 HINMN115 115	76261 HARIS115 115	1	-0.06292	-237.3	306.0	OPEN 79800 [ROCH 345 345] TO 79584 [NIAG 345 345] CKT 1
							OPEN 79592 [NIAGAR2W 230] TO 79584 [NIAG 345 345] CKT 1
3046.3	76702 LOCKPORT 115	77126 TELRDTP1 115	1	0.05117	123.5	180.0	OPEN 79800 [ROCH 345 345] TO 79584 [NIAG 345 345] CKT 1
							OPEN 79800 [ROCH 345 345] TO 79819 [S80 1TR 115] CKT 1
3062.6	76702 LOCKPORT 115	77126 TELRDTP1 115	1	0.05090	123.0	180.0	OPEN 79800 [ROCH 345 345] TO 79584 [NIAG 345 345] CKT 1
							OPEN 79592 [NIAGAR2W 230] TO 79584 [NIAG 345 345] CKT 1
3073.2	77122 SOUR-111 115	77123 SWDN-111 115	1	0.04997	102.5	159.0	OPEN 79800 [ROCH 345 345] TO 79584 [NIAG 345 345] CKT 1
							OPEN 79800 [ROCH 345 345] TO 79819 [S80 1TR 115] CKT 1
3075.5	76702 LOCKPORT 115	77126 TELRDTP1 115	1	0.05138	121.8	180.0	OPEN 79584 [NIAG 345 345] TO 79800 [ROCH 345 345] CKT 1
3089.6	77122 SOUR-111 115	77123 SWDN-111 115	1	0.04970	102.0	159.0	OPEN 79800 [ROCH 345 345] TO 79584 [NIAG 345 345] CKT 1
							OPEN 79592 [NIAGAR2W 230] TO 79584 [NIAG 345 345] CKT 1
3091.6	*77103 BATAVIA1 115	77121 SENECAP 115	1	0.04318	109.4	159.0	OPEN 75404 [KINTI345 345] TO 79800 [ROCH 345 345] CKT 1
							OPEN 79800 [ROCH 345 345] TO 79819 [S80 1TR 115] CKT 1
3092.8	76702 LOCKPORT 115	77126 TELRDTP1 115	1	0.05086	121.5	180.0	OPEN 79801 [PANNELL3 345] TO 79800 [ROCH 345 345] CKT 2
							OPEN 79800 [ROCH 345 345] TO 79584 [NIAG 345 345] CKT 1
3095.7	77100 SOUR-114 115	77111 MORTIMER 115	1	0.05407	90.7	153.0	OPEN 79800 [ROCH 345 345] TO 79584 [NIAG 345 345] CKT 1
							OPEN 79800 [ROCH 345 345] TO 79819 [S80 1TR 115] CKT 1
3099.5	76702 LOCKPORT 115	77101 SHEL-113 115	1	0.05294	118.8	180.0	OPEN 79800 [ROCH 345 345] TO 79584 [NIAG 345 345] CKT 1
							OPEN 79800 [ROCH 345 345] TO 79819 [S80 1TR 115] CKT 1
3102.3	77122 SOUR-111 115	77123 SWDN-111 115	1	0.05017	100.8	159.0	OPEN 79584 [NIAG 345 345] TO 79800 [ROCH 345 345] CKT 1
3112.3	77100 SOUR-114 115	77111 MORTIMER 115	1	0.05378	90.1	153.0	OPEN 79800 [ROCH 345 345] TO 79584 [NIAG 345 345] CKT 1
							OPEN 79592 [NIAGAR2W 230] TO 79584 [NIAG 345 345] CKT 1
3116.1	76702 LOCKPORT 115	77101 SHEL-113 115	1	0.05266	118.2	180.0	OPEN 79800 [ROCH 345 345] TO 79584 [NIAG 345 345] CKT 1
							OPEN 79592 [NIAGAR2W 230] TO 79584 [NIAG 345 345] CKT 1
3119.8	77122 SOUR-111 115	77123 SWDN-111 115	1	0.04966	100.5	159.0	OPEN 79801 [PANNELL3 345] TO 79800 [ROCH 345 345] CKT 2
							OPEN 79800 [ROCH 345 345] TO 79584 [NIAG 345 345] CKT 1
3124.7	77100 SOUR-114 115	77111 MORTIMER 115	1	0.05429	88.8	153.0	OPEN 79584 [NIAG 345 345] TO 79800 [ROCH 345 345] CKT 1
3128.5	76702 LOCKPORT 115	77101 SHEL-113 115	1	0.05316	117.0	180.0	OPEN 79584 [NIAG 345 345] TO 79800 [ROCH 345 345] CKT 1
3142.4	77100 SOUR-114 115	77111 MORTIMER 115	1	0.05374	88.5	153.0	OPEN 79801 [PANNELL3 345] TO 79800 [ROCH 345 345] CKT 2
							OPEN 79800 [ROCH 345 345] TO 79584 [NIAG 345 345] CKT 1
3146.3	76702 LOCKPORT 115	77101 SHEL-113 115	1	0.05262	116.7	180.0	OPEN 79801 [PANNELL3 345] TO 79800 [ROCH 345 345] CKT 2
							OPEN 79800 [ROCH 345 345] TO 79584 [NIAG 345 345] CKT 1
3202.9	75405 OAKDL345 345	75403 FRASR345 345	1	0.36242	923.3	1380.0	OPEN 77400 [CLAY 345] TO 78450 [EDIC 345] CKT 2
							OPEN 78450 [EDIC 345] TO 75403 [FRASR345 345] CKT 1
3214.6	79584 NIAG 345 345	79800 ROCH 345 345	1	0.58999	934.6	1685.0	OPEN 75404 [KINTI345 345] TO 79800 [ROCH 345 345] CKT 1
3225.7	75414 MEYER230 230	75417 STOLE230 230	1	-0.13201	-260.6	430.0	BASE CASE
3227.2	79584 NIAG 345 345	79800 ROCH 345 345	1	0.59041	926.6	1685.0	OPEN 75404 [KINTI345 345] TO 79800 [ROCH 345 345] CKT 1
							OPEN 79800 [ROCH 345 345] TO 79819 [S80 1TR 115] CKT 1
3252.3	*76702 LOCKPORT 115	77122 SOUR-111 115	1	0.04230	103.6	159.0	OPEN 75404 [KINTI345 345] TO 79800 [ROCH 345 345] CKT 1
							OPEN 79800 [ROCH 345 345] TO 79819 [S80 1TR 115] CKT 1

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*** TLTG TRANSFER LIMIT OUTPUT FOR INTERFACE DYSE OPEN ***

TOTAL TRANS CAPAB	<---------- LIMITING ELEMENT ----------> FROM	TO	CKT	DISTR. FACTOR	PRE-SHIFT MW	RATING BAS/CNT A/C	<---------- CONTINGENCY DESCRIPTION ---------->
3257.8	77109 LAPPINS1 115	77116 NLEROYTA 115	1	0.05291	103.4	173.0	OPEN 79800 [ROCH 345 345] TO 79584 [NIAG 345 345] CKT 1
							OPEN 79800 [ROCH 345 345] TO 79819 [S80 1TR 115] CKT 1
3272.9	75405 OAKDL345 345	75403 FRASR345 345	1	0.37013	887.6	1380.0	OPEN 78450 [EDIC 345] TO 75403 [FRASR345 345] CKT 1
							OPEN 75403 [FRASR345 345] TO 75455 [FRASR115 115] CKT 1
3275.2	77109 LAPPINS1 115	77116 NLEROYTA 115	1	0.05263	102.9	173.0	OPEN 79800 [ROCH 345 345] TO 79584 [NIAG 345 345] CKT 1
							OPEN 79592 [NIAGAR2W 230] TO 79584 [NIAG 345 345] CKT 1
3277.3	79584 NIAG 345 345	79800 ROCH 345 345	1	0.57027	924.0	1685.0	OPEN 79801 [PANNELL3 345] TO 79800 [ROCH 345 345] CKT 1
							OPEN 75404 [KINTI345 345] TO 79800 [ROCH 345 345] CKT 1
3282.1	76501 S RIPLEY 230	361 ERIE E 230	1	0.12541	331.0	499.0	OPEN 75417 [STOLE230 230] TO 75414 [MEYER230 230] CKT 1
							OPEN 75406 [STOLE345 345] TO 479 [HOMER CY 345] CKT 1
3286.1	77109 LAPPINS1 115	77116 NLEROYTA 115	1	0.05313	101.6	173.0	OPEN 79584 [NIAG 345 345] TO 79800 [ROCH 345 345] CKT 1
3288.8	77101 SHEL-113 115	77124 SWDN-113 115	1	0.05299	108.7	180.0	OPEN 79800 [ROCH 345 345] TO 79584 [NIAG 345 345] CKT 1
							OPEN 79800 [ROCH 345 345] TO 79819 [S80 1TR 115] CKT 1
3303.3	75405 OAKDL345 345	75403 FRASR345 345	1	0.35093	902.5	1380.0	OPEN 78460 [PORTER 2 230] TO 78980 [ROTRDM.2 230] CKT 1
							OPEN 78450 [EDIC 345] TO 75403 [FRASR345 345] CKT 1
3305.5	77109 LAPPINS1 115	77116 NLEROYTA 115	1	0.05259	101.3	173.0	OPEN 79801 [PANNELL3 345] TO 79800 [ROCH 345 345] CKT 2
							OPEN 79800 [ROCH 345 345] TO 79584 [NIAG 345 345] CKT 1
3306.4	77101 SHEL-113 115	77124 SWDN-113 115	1	0.05271	108.1	180.0	OPEN 79800 [ROCH 345 345] TO 79584 [NIAG 345 345] CKT 1
							OPEN 79592 [NIAGAR2W 230] TO 79584 [NIAG 345 345] CKT 1
3317.0	77101 SHEL-113 115	77124 SWDN-113 115	1	0.05321	106.9	180.0	OPEN 79584 [NIAG 345 345] TO 79800 [ROCH 345 345] CKT 1
3320.8	*76702 LOCKPORT 115	77126 TELRDTP1 115	1	0.04332	120.3	180.0	OPEN 75404 [KINTI345 345] TO 79800 [ROCH 345 345] CKT 1
							OPEN 79800 [ROCH 345 345] TO 79819 [S80 1TR 115] CKT 1
3327.6	77111 MORTIMER 115	77124 SWDN-113 115	1	-0.05594	-75.5	153.0	OPEN 79800 [ROCH 345 345] TO 79584 [NIAG 345 345] CKT 1
							OPEN 79800 [ROCH 345 345] TO 79819 [S80 1TR 115] CKT 1
3336.8	77101 SHEL-113 115	77124 SWDN-113 115	1	0.05267	106.6	180.0	OPEN 79801 [PANNELL3 345] TO 79800 [ROCH 345 345] CKT 2
							OPEN 79800 [ROCH 345 345] TO 79584 [NIAG 345 345] CKT 1
3344.4	77111 MORTIMER 115	77123 SWDN-111 115	1	-0.05310	-78.6	153.0	OPEN 79800 [ROCH 345 345] TO 79584 [NIAG 345 345] CKT 1
							OPEN 79800 [ROCH 345 345] TO 79819 [S80 1TR 115] CKT 1
3345.4	77111 MORTIMER 115	77124 SWDN-113 115	1	-0.05565	-74.9	153.0	OPEN 79800 [ROCH 345 345] TO 79584 [NIAG 345 345] CKT 1
							OPEN 79592 [NIAGAR2W 230] TO 79584 [NIAG 345 345] CKT 1
3348.2	75498 S.OWE115 115	75668 LOUNS115 115	1	-0.05949	-59.4	143.0	OPEN 75405 [OAKDL345 345] TO 75407 [WATRC345 345] CKT 1
3350.4	76501 S RIPLEY 230	361 ERIE E 230	1	0.10492	351.3	499.0	OPEN 75413 [HILSD230 230] TO 75411 [AVOCA230 230] CKT 1
							OPEN 75417 [STOLE230 230] TO 75414 [MEYER230 230] CKT 1
							OPEN 75993 [MEYER M434.5] TO 75414 [MEYER230 230] CKT 1
3352.5	*77122 SOUR-111 115	77123 SWDN-111 115	1	0.04230	99.4	159.0	OPEN 75404 [KINTI345 345] TO 79800 [ROCH 345 345] CKT 1
							OPEN 79800 [ROCH 345 345] TO 79819 [S80 1TR 115] CKT 1
3355.7	77111 MORTIMER 115	77124 SWDN-113 115	1	-0.05617	-73.6	153.0	OPEN 79584 [NIAG 345 345] TO 79800 [ROCH 345 345] CKT 1
3362.3	77111 MORTIMER 115	77123 SWDN-111 115	1	-0.05282	-78.0	153.0	OPEN 79800 [ROCH 345 345] TO 79584 [NIAG 345 345] CKT 1
							OPEN 79592 [NIAGAR2W 230] TO 79584 [NIAG 345 345] CKT 1
3363.7	*75405 OAKDL345 345	75403 FRASR345 345	1	0.34787	885.7	1380.0	OPEN 75403 [FRASR345 345] TO 78450 [EDIC 345] CKT 1
3368.4	75414 MEYER230 230	75417 STOLE230 230	1	-0.16517	-304.5	540.0	OPEN 79801 [PANNELL3 345] TO 79800 [ROCH 345 345] CKT 2
							OPEN 79800 [ROCH 345 345] TO 79584 [NIAG 345 345] CKT 1
3372.4	77111 MORTIMER 115	77123 SWDN-111 115	1	-0.05332	-76.8	153.0	OPEN 79584 [NIAG 345 345] TO 79800 [ROCH 345 345] CKT 1
3375.7	76501 S RIPLEY 230	361 ERIE E 230	1	0.10423	349.6	499.0	OPEN 75417 [STOLE230 230] TO 75414 [MEYER230 230] CKT 1
3375.8	77111 MORTIMER 115	77124 SWDN-113 115	1	-0.05561	-73.3	153.0	OPEN 79801 [PANNELL3 345] TO 79800 [ROCH 345 345] CKT 2
							OPEN 79800 [ROCH 345 345] TO 79584 [NIAG 345 345] CKT 1
3376.5	77100 SOUR-114 115	77126 TELRDTP1 115	1	-0.05412	-102.4	180.0	OPEN 79800 [ROCH 345 345] TO 79584 [NIAG 345 345] CKT 1
							OPEN 79800 [ROCH 345 345] TO 79819 [S80 1TR 115] CKT 1

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*** TLTG TRANSFER LIMIT OUTPUT FOR INTERFACE WESTC OPEN ***

<- INTERFACE 'WESTC OPEN ' DEFINITION ->

<----- FROM ----->	<------ TO ------>	CKT	DISTR. FACTOR	PRE-SHIFT MW
79801 PANNELL3 345	77400 CLAY 345	1	0.36276	108.4
79801 PANNELL3 345	77400 CLAY 345	2	0.36394	108.7
75417 STOLE230 230	75414 MEYER230 230	1	0.13201	260.6
75994 PALMT115 115	75992 BENET115 115	1	0.00000	-6.8
79826 QUAKER 115	75892 MACDN115 115	1	0.00327	38.1
77111 MORTIMER 115	77110 LAWLER-1 115	1	0.03027	70.2
77111 MORTIMER 115	77463 LAWLER-2 115	1	0.03164	48.6
79825 PANNELLI 115	77447 FRMGTN-4 115	1	0.04132	124.2
79804 S121 B#2 115	75893 SLEIG115 115	1	0.02969	82.1
79810 STA 162 115	75995 S.PER115 115	1	0.00510	13.8
79805 CLYDE199 115	75893 SLEIG115 115	1	-0.03075	-40.1
79805 CLYDE199 115	77433 CLTNCORN 115	1	0.03075	23.6
79875 FARMNGTN34.5	77444 FARMGTN1 115	1	0.00197	-24.4
79875 FARMNGTN34.5	77447 FRMGTN-4 115	1	-0.00197	-41.6
79946 S168 12.0	77447 FRMGTN-4 115	1	0.00000	-5.2
TOTALS FOR INTERFACE WESTC OPEN			1.00000	760.1

TOTAL TRANS CAPAB	<---------- LIMITING ELEMENT ----------> <----- FROM ----->	<------ TO ------>	CKT	DISTR. FACTOR	PRE-SHIFT MW	RATING BAS/CNT A/C	<---------- CONTINGENCY DESCRIPTION ---------->
641.8	76660 ELM-70 230	76837 ELMST23.23.0	1	0.02625	99.1	96.0	OPEN 76664 [HUNTLEY2 230] TO 76556 [SAWYER79 230] CKT 1
							OPEN 76556 [SAWYER79 230] TO 76668 [SUNY-79 230] CKT 1
							OPEN 76664 [HUNTLEY2 230] TO 76555 [SAWYER80 230] CKT 1
							OPEN 76555 [SAWYER80 230] TO 76669 [SUNY-80 230] CKT 1
1213.6	75476 MEYER115 115	75995 S.PER115 115	1	-0.02792	-91.3	104.0	OPEN 75412 [GARDV230 230] TO 75417 [STOLE230 230] CKT 1
							OPEN 75416 [ROBIN230 230] TO 75417 [STOLE230 230] CKT 1
							OPEN 75417 [STOLE230 230] TO 75414 [MEYER230 230] CKT 1
1273.9	75476 MEYER115 115	75995 S.PER115 115	1	-0.02778	-89.7	104.0	OPEN 75417 [STOLE230 230] TO 75414 [MEYER230 230] CKT 1
1300.6	75476 MEYER115 115	75995 S.PER115 115	1	-0.02997	-87.8	104.0	OPEN 75417 [STOLE230 230] TO 75414 [MEYER230 230] CKT 1
							OPEN 75406 [STOLE345 345] TO 479 [HOMER CY 345] CKT 1
1321.7	76527 FALCONER 115	281 WARREN 115	1	0.05122	53.2	82.0	OPEN 361 [ERIE E 230] TO 76501 [S RIPLEY 230] CKT 1
							OPEN 383 [E.SAYRE 115] TO 75486 [N.WAV115 115] CKT 1
1594.0	75465 HINMN115 115	76261 HARIS115 115	1	-0.04079	-204.0	238.0	BASE CASE
1620.9	76527 FALCONER 115	281 WARREN 115	1	0.05177	37.4	82.0	OPEN 76500 [DUNKIRK 230] TO 76501 [S RIPLEY 230] CKT 1
1644.6	75405 OAKDL345 345	75403 FRASR345 345	1	0.38146	1042.6	1380.0	OPEN 78450 [EDIC 345] TO 75403 [FRASR345 345] CKT 1
							OPEN 79583 [MARCY T1 345] TO 75400 [COOPC345 345] CKT 1
1669.6	77103 BATAVIA1 115	77121 SENECAP 115	1	0.05101	112.6	159.0	OPEN 79800 [ROCH 345 345] TO 79584 [NIAG 345 345] CKT 1
							OPEN 79800 [ROCH 345 345] TO 79819 [S80 1TR 115] CKT 1
1684.9	77103 BATAVIA1 115	77121 SENECAP 115	1	0.05074	112.1	159.0	OPEN 79800 [ROCH 345 345] TO 79584 [NIAG 345 345] CKT 1
							OPEN 79592 [NIAGAR2W 230] TO 79584 [NIAG 345 345] CKT 1
1697.0	76527 FALCONER 115	281 WARREN 115	1	0.04996	35.2	82.0	OPEN 76663 [GRDNVL2 230] TO 76500 [DUNKIRK 230] CKT 1
							OPEN 76500 [DUNKIRK 230] TO 76523 [DUNKIRK1 115] CKT 1
							OPEN 76500 [DUNKIRK 230] TO 76501 [S RIPLEY 230] CKT 1
1699.6	77103 BATAVIA1 115	77121 SENECAP 115	1	0.05122	110.9	159.0	OPEN 79584 [NIAG 345 345] TO 79800 [ROCH 345 345] CKT 1
1711.6	75465 HINMN115 115	76261 HARIS115 115	1	-0.05920	-249.7	306.0	OPEN 75412 [GARDV230 230] TO 75417 [STOLE230 230] CKT 1
							OPEN 75416 [ROBIN230 230] TO 75417 [STOLE230 230] CKT 1
							OPEN 75417 [STOLE230 230] TO 75414 [MEYER230 230] CKT 1

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*** TLTG TRANSFER LIMIT OUTPUT FOR INTERFACE WESTC OPEN ***

TOTAL TRANS CAPAB	LIMITING ELEMENT FROM	LIMITING ELEMENT TO	CKT	DISTR. FACTOR	PRE-SHIFT MW	RATING BAS/CNT A/C	CONTINGENCY DESCRIPTION
1714.9	77103 BATAVIA1 115	77121 SENECAP 115	1	0.05070	110.6	159.0	OPEN 79801 [PANNELL3 345] TO 79800 [ROCH 345 345] CKT 2
							OPEN 79800 [ROCH 345 345] TO 79584 [NIAG 345 345] CKT 1
1753.7	75465 HINMN115 115	76261 HARIS115 115	1	-0.05829	-248.1	306.0	OPEN 75416 [ROBIN230 230] TO 75417 [STOLE230 230] CKT 1
1805.6	76702 LOCKPORT 115	77122 SOUR-111 115	1	0.04997	106.8	159.0	OPEN 79800 [ROCH 345 345] TO 79584 [NIAG 345 345] CKT 1
							OPEN 79800 [ROCH 345 345] TO 79819 [S80 1TR 115] CKT 1
1821.6	76702 LOCKPORT 115	77122 SOUR-111 115	1	0.04970	106.2	159.0	OPEN 79800 [ROCH 345 345] TO 79584 [NIAG 345 345] CKT 1
							OPEN 79592 [NIAGAR2W 230] TO 79584 [NIAG 345 345] CKT 1
1835.1	76702 LOCKPORT 115	77122 SOUR-111 115	1	0.05017	105.1	159.0	OPEN 79584 [NIAG 345 345] TO 79800 [ROCH 345 345] CKT 1
1838.5	75465 HINMN115 115	76261 HARIS115 115	1	-0.06334	-237.7	306.0	OPEN 79800 [ROCH 345 345] TO 79584 [NIAG 345 345] CKT 1
							OPEN 79800 [ROCH 345 345] TO 79819 [S80 1TR 115] CKT 1
1851.6	75469 KATEL115 115	75467 JENN 115 115	1	0.03872	116.7	159.0	OPEN 75405 [OAKDL345 345] TO 75403 [FRASR345 345] CKT 1
1851.7	76702 LOCKPORT 115	77122 SOUR-111 115	1	0.04966	104.8	159.0	OPEN 79801 [PANNELL3 345] TO 79800 [ROCH 345 345] CKT 2
							OPEN 79800 [ROCH 345 345] TO 79584 [NIAG 345 345] CKT 1
1852.4	*75465 HINMN115 115	76261 HARIS115 115	1	-0.06292	-237.3	306.0	OPEN 79800 [ROCH 345 345] TO 79584 [NIAG 345 345] CKT 1
							OPEN 79592 [NIAGAR2W 230] TO 79584 [NIAG 345 345] CKT 1
1863.6	76702 LOCKPORT 115	77126 TELRDTP1 115	1	0.05117	123.5	180.0	OPEN 79800 [ROCH 345 345] TO 79584 [NIAG 345 345] CKT 1
							OPEN 79800 [ROCH 345 345] TO 79819 [S80 1TR 115] CKT 1
1879.9	76702 LOCKPORT 115	77126 TELRDTP1 115	1	0.05090	123.0	180.0	OPEN 79800 [ROCH 345 345] TO 79584 [NIAG 345 345] CKT 1
							OPEN 79592 [NIAGAR2W 230] TO 79584 [NIAG 345 345] CKT 1
1890.5	77122 SOUR-111 115	77123 SWDN-111 115	1	0.04997	102.5	159.0	OPEN 79800 [ROCH 345 345] TO 79584 [NIAG 345 345] CKT 1
							OPEN 79800 [ROCH 345 345] TO 79819 [S80 1TR 115] CKT 1
1892.8	76702 LOCKPORT 115	77126 TELRDTP1 115	1	0.05138	121.8	180.0	OPEN 79584 [NIAG 345 345] TO 79800 [ROCH 345 345] CKT 1
1907.0	77122 SOUR-111 115	77123 SWDN-111 115	1	0.04970	102.0	159.0	OPEN 79800 [ROCH 345 345] TO 79584 [NIAG 345 345] CKT 1
							OPEN 79592 [NIAGAR2W 230] TO 79584 [NIAG 345 345] CKT 1
1908.9	*77103 BATAVIA1 115	77121 SENECAP 115	1	0.04318	109.4	159.0	OPEN 75404 [KINTI345 345] TO 79800 [ROCH 345 345] CKT 1
							OPEN 79800 [ROCH 345 345] TO 79819 [S80 1TR 115] CKT 1
1910.1	76702 LOCKPORT 115	77126 TELRDTP1 115	1	0.05086	121.5	180.0	OPEN 79801 [PANNELL3 345] TO 79800 [ROCH 345 345] CKT 2
							OPEN 79800 [ROCH 345 345] TO 79584 [NIAG 345 345] CKT 1
1913.0	77100 SOUR-114 115	77111 MORTIMER 115	1	0.05407	90.7	153.0	OPEN 79800 [ROCH 345 345] TO 79584 [NIAG 345 345] CKT 1
							OPEN 79800 [ROCH 345 345] TO 79819 [S80 1TR 115] CKT 1
1916.8	76702 LOCKPORT 115	77101 SHEL-113 115	1	0.05294	118.8	180.0	OPEN 79800 [ROCH 345 345] TO 79584 [NIAG 345 345] CKT 1
							OPEN 79800 [ROCH 345 345] TO 79819 [S80 1TR 115] CKT 1
1919.6	77122 SOUR-111 115	77123 SWDN-111 115	1	0.05017	100.8	159.0	OPEN 79584 [NIAG 345 345] TO 79800 [ROCH 345 345] CKT 1
1929.6	77100 SOUR-114 115	77111 MORTIMER 115	1	0.05378	90.1	153.0	OPEN 79800 [ROCH 345 345] TO 79584 [NIAG 345 345] CKT 1
							OPEN 79592 [NIAGAR2W 230] TO 79584 [NIAG 345 345] CKT 1
1933.4	76702 LOCKPORT 115	77101 SHEL-113 115	1	0.05266	118.2	180.0	OPEN 79800 [ROCH 345 345] TO 79584 [NIAG 345 345] CKT 1
							OPEN 79592 [NIAGAR2W 230] TO 79584 [NIAG 345 345] CKT 1
1937.1	77122 SOUR-111 115	77123 SWDN-111 115	1	0.04966	100.5	159.0	OPEN 79801 [PANNELL3 345] TO 79800 [ROCH 345 345] CKT 2
							OPEN 79800 [ROCH 345 345] TO 79584 [NIAG 345 345] CKT 1
1942.0	77100 SOUR-114 115	77111 MORTIMER 115	1	0.05429	88.8	153.0	OPEN 79584 [NIAG 345 345] TO 79800 [ROCH 345 345] CKT 1
1945.8	76702 LOCKPORT 115	77101 SHEL-113 115	1	0.05316	117.0	180.0	OPEN 79584 [NIAG 345 345] TO 79800 [ROCH 345 345] CKT 1
1959.8	77100 SOUR-114 115	77111 MORTIMER 115	1	0.05374	88.5	153.0	OPEN 79801 [PANNELL3 345] TO 79800 [ROCH 345 345] CKT 2
							OPEN 79800 [ROCH 345 345] TO 79584 [NIAG 345 345] CKT 1
1963.6	76702 LOCKPORT 115	77101 SHEL-113 115	1	0.05262	116.7	180.0	OPEN 79801 [PANNELL3 345] TO 79800 [ROCH 345 345] CKT 2
							OPEN 79800 [ROCH 345 345] TO 79584 [NIAG 345 345] CKT 1
2020.2	75405 OAKDL345 345	75403 FRASR345 345	1	0.36242	923.3	1380.0	OPEN 77400 [CLAY 345] TO 78450 [EDIC 345] CKT 2
							OPEN 78450 [EDIC 345] TO 75403 [FRASR345 345] CKT 1
2031.9	79584 NIAG 345 345	79800 ROCH 345 345	1	0.58999	934.6	1685.0	OPEN 75404 [KINTI345 345] TO 79800 [ROCH 345 345] CKT 1

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*** TLTG TRANSFER LIMIT OUTPUT FOR INTERFACE WESTC OPEN ***

TOTAL TRANS CAPAB	<---------- LIMITING ELEMENT ----------> FROM ----->	<------ TO ------>CKT	DISTR. FACTOR	PRE-SHIFT MW	RATING BAS/CNT A/C	<---------- CONTINGENCY DESCRIPTION ---------->
2043.1	75414 MEYER230 230	75417 STOLE230 230 1	-0.13201	-260.6	430.0	BASE CASE
2044.6	79584 NIAG 345 345	79800 ROCH 345 345 1	0.59041	926.6	1685.0	OPEN 75404 [KINTI345 345] TO 79800 [ROCH 345 345] CKT 1
						OPEN 79800 [ROCH 345 345] TO 79819 [S80 1TR 115] CKT 1
2069.6	*76702 LOCKPORT 115	77122 SOUR-111 115 1	0.04230	103.6	159.0	OPEN 75404 [KINTI345 345] TO 79800 [ROCH 345 345] CKT 1
						OPEN 79800 [ROCH 345 345] TO 79819 [S80 1TR 115] CKT 1
2075.1	77109 LAPPINS1 115	77116 NLEROYTA 115 1	0.05291	103.4	173.0	OPEN 79800 [ROCH 345 345] TO 79584 [NIAG 345 345] CKT 1
						OPEN 79800 [ROCH 345 345] TO 79819 [S80 1TR 115] CKT 1
2090.3	75405 OAKDL345 345	75403 FRASR345 345 1	0.37013	887.6	1380.0	OPEN 78450 [EDIC 345] TO 75403 [FRASR345 345] CKT 1
						OPEN 75403 [FRASR345 345] TO 75455 [FRASR115 115] CKT 1
2092.5	77109 LAPPINS1 115	77116 NLEROYTA 115 1	0.05263	102.9	173.0	OPEN 79800 [ROCH 345 345] TO 79584 [NIAG 345 345] CKT 1
						OPEN 79592 [NIAGAR2W 230] TO 79584 [NIAG 345 345] CKT 1
2094.6	79584 NIAG 345 345	79800 ROCH 345 345 1	0.57027	924.0	1685.0	OPEN 79801 [PANNELL3 345] TO 79800 [ROCH 345 345] CKT 1
						OPEN 75404 [KINTI345 345] TO 79800 [ROCH 345 345] CKT 1
2099.4	76501 S RIPLEY 230 361	ERIE E 230 1	0.12541	331.0	499.0	OPEN 75417 [STOLE230 230] TO 75414 [MEYER230 230] CKT 1
						OPEN 75406 [STOLE345 345] TO 479 [HOMER CY 345] CKT 1
2103.5	77109 LAPPINS1 115	77116 NLEROYTA 115 1	0.05313	101.6	173.0	OPEN 79584 [NIAG 345 345] TO 79800 [ROCH 345 345] CKT 1
2106.1	77101 SHEL-113 115	77124 SWDN-113 115 1	0.05299	108.7	180.0	OPEN 79800 [ROCH 345 345] TO 79584 [NIAG 345 345] CKT 1
						OPEN 79800 [ROCH 345 345] TO 79819 [S80 1TR 115] CKT 1
2120.6	75405 OAKDL345 345	75403 FRASR345 345 1	0.35093	902.5	1380.0	OPEN 78460 [PORTER 2 230] TO 78980 [ROTRDM.2 230] CKT 1
						OPEN 78450 [EDIC 345] TO 75403 [FRASR345 345] CKT 1
2122.9	77109 LAPPINS1 115	77116 NLEROYTA 115 1	0.05259	101.3	173.0	OPEN 79801 [PANNELL3 345] TO 79800 [ROCH 345 345] CKT 2
						OPEN 79800 [ROCH 345 345] TO 79584 [NIAG 345 345] CKT 1
2123.7	77101 SHEL-113 115	77124 SWDN-113 115 1	0.05271	108.1	180.0	OPEN 79800 [ROCH 345 345] TO 79584 [NIAG 345 345] CKT 1
						OPEN 79592 [NIAGAR2W 230] TO 79584 [NIAG 345 345] CKT 1
2134.4	77101 SHEL-113 115	77124 SWDN-113 115 1	0.05321	106.9	180.0	OPEN 79584 [NIAG 345 345] TO 79800 [ROCH 345 345] CKT 1
2138.1	*76702 LOCKPORT 115	77126 TELRDTP1 115 1	0.04332	120.3	180.0	OPEN 75404 [KINTI345 345] TO 79800 [ROCH 345 345] CKT 1
						OPEN 79800 [ROCH 345 345] TO 79819 [S80 1TR 115] CKT 1
2144.9	77111 MORTIMER 115	77124 SWDN-113 115 1	-0.05594	-75.5	153.0	OPEN 79800 [ROCH 345 345] TO 79584 [NIAG 345 345] CKT 1
						OPEN 79800 [ROCH 345 345] TO 79819 [S80 1TR 115] CKT 1
2154.1	77101 SHEL-113 115	77124 SWDN-113 115 1	0.05267	106.6	180.0	OPEN 79801 [PANNELL3 345] TO 79800 [ROCH 345 345] CKT 2
						OPEN 79800 [ROCH 345 345] TO 79584 [NIAG 345 345] CKT 1
2161.7	77111 MORTIMER 115	77123 SWDN-111 115 1	-0.05310	-78.6	153.0	OPEN 79800 [ROCH 345 345] TO 79584 [NIAG 345 345] CKT 1
						OPEN 79800 [ROCH 345 345] TO 79819 [S80 1TR 115] CKT 1
2162.7	77111 MORTIMER 115	77124 SWDN-113 115 1	-0.05565	-74.9	153.0	OPEN 79800 [ROCH 345 345] TO 79584 [NIAG 345 345] CKT 1
						OPEN 79592 [NIAGAR2W 230] TO 79584 [NIAG 345 345] CKT 1
2165.5	75498 S.OWE115 115	75668 LOUNS115 115 1	-0.05949	-59.4	143.0	OPEN 75405 [OAKDL345 345] TO 75407 [WATRC345 345] CKT 1
2167.8	76501 S RIPLEY 230 361	ERIE E 230 1	0.10492	351.3	499.0	OPEN 75413 [HILSD230 230] TO 75411 [AVOCA230 230] CKT 1
						OPEN 75417 [STOLE230 230] TO 75414 [MEYER230 230] CKT 1
						OPEN 75993 [MEYER M434.5] TO 75414 [MEYER230 230] CKT 1
2169.9	*77122 SOUR-111 115	77123 SWDN-111 115 1	0.04230	99.4	159.0	OPEN 75404 [KINTI345 345] TO 79800 [ROCH 345 345] CKT 1
						OPEN 79800 [ROCH 345 345] TO 79819 [S80 1TR 115] CKT 1
2173.0	77111 MORTIMER 115	77124 SWDN-113 115 1	-0.05617	-73.6	153.0	OPEN 79584 [NIAG 345 345] TO 79800 [ROCH 345 345] CKT 1
2179.6	77111 MORTIMER 115	77123 SWDN-111 115 1	-0.05282	-78.0	153.0	OPEN 79800 [ROCH 345 345] TO 79584 [NIAG 345 345] CKT 1
						OPEN 79592 [NIAGAR2W 230] TO 79584 [NIAG 345 345] CKT 1
2181.0	*75405 OAKDL345 345	75403 FRASR345 345 1	0.34787	885.7	1380.0	OPEN 75403 [FRASR345 345] TO 78450 [EDIC 345] CKT 1
2185.7	75414 MEYER230 230	75417 STOLE230 230 1	-0.16517	-304.5	540.0	OPEN 79801 [PANNELL3 345] TO 79800 [ROCH 345 345] CKT 2
						OPEN 79800 [ROCH 345 345] TO 79584 [NIAG 345 345] CKT 1
2189.7	77111 MORTIMER 115	77123 SWDN-111 115 1	-0.05332	-76.8	153.0	OPEN 79584 [NIAG 345 345] TO 79800 [ROCH 345 345] CKT 1

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*** TLTG EXPORT LIMIT OUTPUT FOR BASE CASE ***

DISTRIBUTION FACTOR FILE: C:\NYISO\CRPP4\ms.dfx
SUBSYSTEM DESCRIPTION FILE: C:\NYISO\CRPP\sysms.sub
MONITORED ELEMENT FILE: C:\NYISO\CRPP\monms.mon
CONTINGENCY DESCRIPTION FILE: C:\NYISO\CRPP\contms.con

	PRE-SHIFT	DELTA	POST-SHIFT
STUDY SYSTEM MW GENERATION:	219.0	1000.0	1219.0
OPPOSING SYSTEM MW GENERATION:	2617.6	-1000.0	1617.6
STUDY SYSTEM NET INTERCHANGE:	218.3	1000.0	1218.3

STUDY SYSTEM		GENERATOR MW			OPPOSING SYSTEM		GENERATOR MW		
BUS	BUS NAME	BASE	SHIFT	CHANGE	BUS	BUS NAME	BASE	SHIFT	CHANGE
79513	MOS17-1813.8	105.0	605.0	500.0	74702	RAV 3 22.0	972.0	872.0	-100.0
79516	MOS21-2213.8	114.0	614.0	500.0	76641	DUNKGEN413.8	191.0	91.0	-100.0
					77051	HNTLY68G13.8	190.6	90.6	-100.0
					77951	9M PT 1G23.0	626.0	126.0	-500.0
					79538	POLETGT218.0	222.0	152.0	-70.0
					79539	POLETSTG18.0	194.0	124.0	-70.0
					79540	POLETGT118.0	222.0	162.0	-60.0

LOADINGS AT OR ABOVE 100.0 %
OF RATING ARE MARKED WITH '*'

FROM		TO		CKT	TOTAL TRANS CAPAB	BASE CASE RATING A	PRE-SHIFT MW	POST-SHIFT MW	LIMIT CASE MW	DISTR. FACTOR
79590	MOSES W 230	79517	MOS21-2413.8	6	279.8	258	-227.2	-727.2*	-258.0*	-0.50000
79589	MOSES E 230	79514	MOS17-2013.8	5	297.8	258	-218.2	-718.2*	-249.0	-0.50000
78009	BRNS FLS 115	78057	TAYLORVL 115	1	2007.1	102	39.9	74.6	42.0	0.03471
78460	PORTER 2 230	79586	ADRON B2 230	1	2040.2	321	-146.9	-242.4	-152.8	-0.09557
78460	PORTER 2 230	79585	ADRON B1 230	1	2067.3	321	-144.3	-239.9	-150.2	-0.09557
78009	BRNS FLS 115	78021	FLAT RCK 115	1	2068.1	102	-37.9	-72.6	-40.1	-0.03463
78009	BRNS FLS 115	78025	HIGLEY 115	1	2083.7	102	-37.1	-71.9	-39.2	-0.03479
78009	BRNS FLS 115	78057	TAYLORVL 115	2	2122.3	106	39.9	74.6	42.0	0.03471
79577	MARCY765 765	79583	MARCY T1 345	1	2175.1	1488	714.0	1109.5	738.4	0.39552
79586	ADRON B2 230	79590	MOSES W 230	1	2278.6	348	-151.1	-246.7	-157.0	-0.09557
79585	ADRON B1 230	79590	MOSES W 230	1	2278.6	348	-151.1	-246.7	-157.0	-0.09557
78014	COLTON 115	78021	FLAT RCK 115	1	2457.9	114	36.4	71.1	38.6	0.03463
79587	MASS230A 230	79589	MOSES E 230	1	2546.2	936	-75.3	-445.0	-98.0	-0.36973
79588	MASS230B 230	79589	MOSES E 230	1	2546.2	936	-75.3	-445.0	-98.0	-0.36973
79578	MASS 765 765	79588	MASS230B 230	1	2546.3	936	-75.3	-445.0	-98.0	-0.36973
79578	MASS 765 765	79587	MASS230A 230	1	2546.3	936	-75.3	-445.0	-98.0	-0.36973
78014	COLTON 115	78025	HIGLEY 115	1	2686.8	125	39.1	73.9	41.3	0.03479
79577	MARCY765 765	79583	MARCY T1 345	2	2733.3	1488	623.0	966.9	644.1	0.34395
78450	EDIC 345	79583	MARCY T1 345	1	3283.2	1677	-311.2	-756.8	-338.6	-0.44563
79577	MARCY765 765	79578	MASS 765 765	1	3771.4	3975	-1348.	-2087.	-1393.	-0.73947
	INTERFACE MOSES OPEN				3996.5	5358	1579.6	2579.7	1641.2	1.00003
	INTERFACE MOSESSOUTH				4025.2	5400	1593.2	2593.3	1654.8	1.00003

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*** TLTG TRANSFER LIMIT OUTPUT FOR INTERFACE MOSESSOUTH ***

<- INTERFACE 'MOSESSOUTH ' DEFINITION ->

<----- FROM ----->	<------ TO ------>	CKT	DISTR. FACTOR	PRE-SHIFT MW
79578 MASS 765 765	79577 MARCY765 765	1	0.73945	1347.6
79590 MOSES W 230	79585 ADRON B1 230	1	0.09557	151.1
79590 MOSES W 230	79586 ADRON B2 230	1	0.09557	151.1
78017 DENNISON 115	78002 ANDRWS-4 115	1	0.02156	-4.7
78017 DENNISON 115	78032 LWRNCE-B 115	1	0.02157	-3.6
78000 ALCOA-NM 115	78010 BRADY 115	1	0.01109	-22.9
78033 MALONE 115	78041 NICHOLVL 115	1	0.01521	-25.5
TOTALS FOR INTERFACE MOSESSOUTH			1.00000	1593.2

TOTAL TRANS CAPAB	<---------- LIMITING ELEMENT ----------> <----- FROM ----->	<------ TO ------>	CKT	DISTR. FACTOR	PRE-SHIFT MW	RATING BAS/CNT A/C	<---------- CONTINGENCY DESCRIPTION ---------->
1654.8	79590 MOSES W 230	79517 MOS21-2413.8	6	-0.49998	-227.2	258.0	BASE CASE
1672.8	79589 MOSES E 230	79514 MOS17-2013.8	5	-0.49999	-218.2	258.0	BASE CASE
1772.0	78009 BRNS FLS 115	78057 TAYLORVL 115	2	0.07863	119.9	134.0	OPEN 79578 [MASS 765 765] TO 79577 [MARCY765 765] CKT 1
1780.8	79586 ADRON B2 230	79590 MOSES W 230	1	-0.23038	-396.8	440.0	OPEN 79578 [MASS 765 765] TO 79577 [MARCY765 765] CKT 1
1780.8	79585 ADRON B1 230	79590 MOSES W 230	1	-0.23038	-396.8	440.0	OPEN 79578 [MASS 765 765] TO 79577 [MARCY765 765] CKT 1
1784.8	78009 BRNS FLS 115	78057 TAYLORVL 115	1	0.07863	119.9	135.0	OPEN 79578 [MASS 765 765] TO 79577 [MARCY765 765] CKT 1
1812.6	78009 BRNS FLS 115	78021 FLAT RCK 115	1	-0.07845	-117.8	135.0	OPEN 79578 [MASS 765 765] TO 79577 [MARCY765 765] CKT 1
1817.6	78009 BRNS FLS 115	78025 HIGLEY 115	1	-0.07881	-117.3	135.0	OPEN 79578 [MASS 765 765] TO 79577 [MARCY765 765] CKT 1
1838.2	78460 PORTER 2 230	79586 ADRON B2 230	1	-0.23038	-392.6	449.0	OPEN 79578 [MASS 765 765] TO 79577 [MARCY765 765] CKT 1
1849.4	78460 PORTER 2 230	79585 ADRON B1 230	1	-0.23038	-390.0	449.0	OPEN 79578 [MASS 765 765] TO 79577 [MARCY765 765] CKT 1
1881.9	78028 LOWVILLE 115	78057 TAYLORVL 115	1	-0.04216	-121.8	134.0	OPEN 79578 [MASS 765 765] TO 79577 [MARCY765 765] CKT 1
1919.2	79602 PLAT T#3 115	79672 PLAT 115 115	3	-0.08613	-273.9	302.0	OPEN 79578 [MASS 765 765] TO 79577 [MARCY765 765] CKT 1
1919.4	79602 PLAT T#3 115	70511 GRAND IS 115	1	0.08612	273.9	302.0	OPEN 79578 [MASS 765 765] TO 79577 [MARCY765 765] CKT 1
1921.0	78014 COLTON 115	78021 FLAT RCK 115	1	0.07845	116.3	142.0	OPEN 79578 [MASS 765 765] TO 79577 [MARCY765 765] CKT 1
2045.8	78014 COLTON 115	78025 HIGLEY 115	1	0.07881	119.3	155.0	OPEN 79578 [MASS 765 765] TO 79577 [MARCY765 765] CKT 1
2067.3	78008 BREMEN 115	78057 TAYLORVL 115	1	-0.04214	-114.0	134.0	OPEN 79578 [MASS 765 765] TO 79577 [MARCY765 765] CKT 1
2227.1	79577 MARCY765 765	79583 MARCY T1 345	1	0.70001	1210.3	1654.0	OPEN 79577 [MARCY765 765] TO 79583 [MARCY T1 345] CKT 2
							OPEN 78703 [N.SCOT99 345] TO 79583 [MARCY T1 345] CKT 1
2337.2	78028 LOWVILLE 115	78471 BOONVL 115	1	0.04216	102.6	134.0	OPEN 79578 [MASS 765 765] TO 79577 [MARCY765 765] CKT 1
2368.1	78011 BU+LY+MO 115	78471 BOONVL 115	1	0.04214	113.3	146.0	OPEN 79578 [MASS 765 765] TO 79577 [MARCY765 765] CKT 1
2426.1	79589 MOSES E 230	81255 STLAWL34 230	1	0.16798	306.1	446.0	OPEN 79578 [MASS 765 765] TO 79577 [MARCY765 765] CKT 1
2497.5	78008 BREMEN 115	78011 BU+LY+MO 115	1	0.04214	107.9	146.0	OPEN 79578 [MASS 765 765] TO 79577 [MARCY765 765] CKT 1
2538.1	78009 BRNS FLS 115	78057 TAYLORVL 115	2	0.07863	59.7	134.0	OPEN 79577 [MARCY765 765] TO 79578 [MASS 765 765] CKT 1
							OPEN 79578 [MASS 765 765] TO 84819 [CHA-NY 765] CKT 1
2550.9	78009 BRNS FLS 115	78057 TAYLORVL 115	1	0.07863	59.7	135.0	OPEN 79577 [MARCY765 765] TO 79578 [MASS 765 765] CKT 1
							OPEN 79578 [MASS 765 765] TO 84819 [CHA-NY 765] CKT 1
2566.4	79586 ADRON B2 230	79590 MOSES W 230	1	-0.23038	-215.8	440.0	OPEN 79577 [MARCY765 765] TO 79578 [MASS 765 765] CKT 1
							OPEN 79578 [MASS 765 765] TO 84819 [CHA-NY 765] CKT 1
2566.4	79585 ADRON B1 230	79590 MOSES W 230	1	-0.23038	-215.8	440.0	OPEN 79577 [MARCY765 765] TO 79578 [MASS 765 765] CKT 1
							OPEN 79578 [MASS 765 765] TO 84819 [CHA-NY 765] CKT 1
2578.7	78009 BRNS FLS 115	78021 FLAT RCK 115	1	-0.07845	-57.7	135.0	OPEN 79577 [MARCY765 765] TO 79578 [MASS 765 765] CKT 1
							OPEN 79578 [MASS 765 765] TO 84819 [CHA-NY 765] CKT 1
2583.7	78009 BRNS FLS 115	78025 HIGLEY 115	1	-0.07881	-56.9	135.0	OPEN 79577 [MARCY765 765] TO 79578 [MASS 765 765] CKT 1
							OPEN 79578 [MASS 765 765] TO 84819 [CHA-NY 765] CKT 1
2623.8	78460 PORTER 2 230	79586 ADRON B2 230	1	-0.23038	-211.6	449.0	OPEN 79577 [MARCY765 765] TO 79578 [MASS 765 765] CKT 1
							OPEN 79578 [MASS 765 765] TO 84819 [CHA-NY 765] CKT 1

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*** TLTG EXPORT LIMIT OUTPUT FOR BASE CASE ***

DISTRIBUTION FACTOR FILE: C:\NYISO\CRPP4\te.dfx
SUBSYSTEM DESCRIPTION FILE: C:\NYISO\CRPP\syste.sub
MONITORED ELEMENT FILE: C:\NYISO\CRPP\monte.mon
CONTINGENCY DESCRIPTION FILE: C:\NYISO\CRPP\contte1.con

	PRE-SHIFT	DELTA	POST-SHIFT
STUDY SYSTEM MW GENERATION:	1833.5	1000.0	2833.5
OPPOSING SYSTEM MW GENERATION:	3827.5	-1000.0	2827.5
STUDY SYSTEM NET INTERCHANGE:	1786.7	1000.0	2786.7

STUDY SYSTEM					OPPOSING SYSTEM				
		GENERATOR MW					GENERATOR MW		
BUS	BUS NAME	BASE	SHIFT	CHANGE	BUS	BUS NAME	BASE	SHIFT	CHANGE
76641	DUNKGEN413.8	191.0	241.0	50.0	74302	ER G7	13.2	166.0	26.0	-140.0
77051	HNTLY68G13.8	190.6	240.6	50.0	74702	RAV 3	22.0	972.0	692.0	-280.0
77951	9M PT 1G23.0	626.0	1126.0	500.0	74705	AST 4	20.0	718.5	618.5	-100.0
79515	MOS19-2013.8	114.0	214.0	100.0	74706	AST 5	20.0	361.0	241.0	-120.0
80900	LAKEVWG518.0	211.9	361.9	150.0	74906	NRTPTG1	22.0	380.0	310.0	-70.0
81765	NANTICG622.0	500.0	650.0	150.0	79390	BOW2	20.0	592.0	492.0	-100.0
					79538	POLETGT2	18.0	222.0	162.0	-60.0
					79539	POLETSTG	18.0	194.0	134.0	-60.0
					79540	POLETGT1	18.0	222.0	152.0	-70.0

LOADINGS AT OR ABOVE 100.0 %
OF RATING ARE MARKED WITH '*'

<----- FROM ----->	<------ TO ------>	CKT	BASE CASE TOTAL TRANS CAPAB	RATING A	PRE-SHIFT MW	POST-SHIFT MW	LIMIT CASE MW	DISTR. FACTOR
INTERFACE CENTRAL EAST			2471.8	3100	2761.1	3255.8*	3100.0*	0.49467
74344 PLTVLLEY 345	78701 LEEDS 3 345	2	2534.1	1331	-1180.	-1382.*	-1318.	-0.20205
74344 PLTVLLEY 345	78705 ATHENS 345	1	2793.0	1331	-1138.	-1330.	-1269.	-0.19227
INTERFACE TOTAL EAST			2883.9	6500	5402.9	6402.8	6088.0	0.99991
75400 COOPC345 345	75403 FRASR345 345	1	3045.8	1207	-962.0	-1157.	-1095.	-0.19460
78450 EDIC 345	78702 N.SCOT77 345	1	3916.9	1331	926.8	1116.6	1056.8	0.18974
74002 ROSETON 345	74331 FISHKILL 345	1	3960.6	1935	1530.0	1716.3	1657.7	0.18629
78703 N.SCOT99 345	79583 MARCY T1 345	1	3994.2	1487	-1035.	-1240.	-1175.	-0.20482
78450 EDIC 345	77400 CLAY 345	2	4315.2	1033	-628.4	-788.4	-738.0	-0.16002
78450 EDIC 345	77400 CLAY 345	1	4336.1	1033	-626.4	-785.9	-735.7	-0.15948
78701 LEEDS 3 345	78702 N.SCOT77 345	1	4373.4	1331	-841.7	-1031.	-971.3	-0.18914
78701 LEEDS 3 345	78703 N.SCOT99 345	2	4410.2	1331	-837.8	-1026.	-966.6	-0.18800
75403 FRASR345 345	75405 OAKDL345 345	1	4628.2	1255	-674.6	-878.9	-814.5	-0.20426
74001 ROCK TAV 345	74347 RAMAPO 345	1	4883.7	1720	979.3	1218.5	1143.2	0.23916
78460 PORTER 2 230	78980 ROTRDM.2 230	2	5314.5	439	275.4	321.8	307.2	0.04638
75400 COOPC345 345	79304 N.M.TAP 345	1	5408.1	1464	833.9	1007.9	953.1	0.17400
78701 LEEDS 3 345	79581 GILB 345 345	1	5409.4	1428	-888.2	-1037.	-990.3	-0.14901
79304 N.M.TAP 345	79322 SHOEMTAP 138	1	5423.2	498	376.1	409.6	399.0	0.03353
INTERFACE CENT E+FGILB			5434.4	5600	3197.5	3856.1	3648.8	0.65862
INTERFACE CE GROUP			5554.4	8438	4670.8	5670.7	5355.8	0.99991

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*** TLTG TRANSFER LIMIT OUTPUT FOR INTERFACE VOLNEY EAST ***

<- INTERFACE 'VOLNEY EAST ' DEFINITION ->

<----- FROM ----->	<------ TO ------>	CKT	DISTR. FACTOR	PRE-SHIFT MW
75405 OAKDL345 345	75403 FRASR345 345	1	0.22697	674.6
75469 KATEL115 115	75467 JENN 115 115	1	0.01085	69.0
75488 OAKDL115 115	75444 DELHI115 115	1	0.01371	44.8
75513 WILET115 115	75446 E.NOR115 115	1	0.01212	64.0
77400 CLAY 345	78450 EDIC 345	1	0.17722	626.4
77400 CLAY 345	78450 EDIC 345	2	0.17781	628.4
77406 VOLNEY 345	79583 MARCY T1 345	1	0.17393	778.6
77426 BRDGPORT 115	78484 PETRBORO 115	1	0.01262	38.7
77466 LTHSE HL 115	78005 BLACK RV 115	1	0.00494	-5.2
77466 LTHSE HL 115	78018 E WTRTWN 115	1	0.00493	-1.6
77494 TEALL 115	78483 ONEIDA 115	1	0.01268	37.4
77500 WHITMAN 115	78483 ONEIDA 115	1	0.00745	-14.6
77779 OMEGAWIR34.5	78610 CAMDEN 34.5	1	0.00000	-2.9
79580 JA FITZP 345	78450 EDIC 345	1	0.16476	768.0
TOTALS FOR INTERFACE VOLNEY EAST			1.00000	3705.7

TOTAL TRANS CAPAB	<---------- LIMITING ELEMENT ----------> <----- FROM ----->	<------ TO ------>	CKT	DISTR. FACTOR	PRE-SHIFT MW	RATING BAS/CNT A/C	<--------------- CONTINGENCY DESCRIPTION --------------->
2284.1	79303 SMAHWAH2 345	5028 WALDWICK 345	1	0.03106	633.2	589.0	OPEN 74340 [LADENTWN 345] TO 74313 [BUCH S 345] CKT 1
							OPEN 74347 [RAMAPO 345] TO 74312 [BUCH N 345] CKT 1
							OPEN 74410 [BUCHNTA5 138] TO 74312 [BUCH N 345] CKT 1
2964.7	INTERFACE CENTRAL EAST			0.73039	3641.2	3100.0	OPEN 78450 [EDIC 345] TO 75403 [FRASR345 345] CKT 1
							OPEN 79583 [MARCY T1 345] TO 75400 [COOPC345 345] CKT 1
3235.9	INTERFACE CENTRAL EAST			0.69930	3428.5	3100.0	OPEN 79583 [MARCY T1 345] TO 75400 [COOPC345 345] CKT 1
							OPEN 75403 [FRASR345 345] TO 75400 [COOPC345 345] CKT 1
3392.5	INTERFACE CENTRAL EAST			0.67656	3311.9	3100.0	OPEN 75400 [COOPC345 345] TO 74001 [ROCK TAV 345] CKT 2
							OPEN 75400 [COOPC345 345] TO 79304 [N.M.TAP 345] CKT 1
							OPEN 79304 [N.M.TAP 345] TO 74001 [ROCK TAV 345] CKT 1
3448.5	INTERFACE TOTAL EAST			1.11111	6785.8	6500.0	SET BUS 71786 [SANDY PD 345] LOAD TO 0 MW DISPATCH
3448.5	INTERFACE TOTAL EAST			1.11111	6785.8	6500.0	OPEN 70509 [SB RCTOR 115] TO 70508 [SANDB115 115] CKT 2
							SET BUS 71786 [SANDY PD 345] LOAD TO 0 MW DISPATCH
3453.5	INTERFACE CENTRAL EAST			0.54968	3238.6	3100.0	SET BUS 71786 [SANDY PD 345] LOAD TO 0 MW DISPATCH
3453.5 *	INTERFACE CENTRAL EAST			0.54968	3238.6	3100.0	OPEN 70509 [SB RCTOR 115] TO 70508 [SANDB115 115] CKT 2
							SET BUS 71786 [SANDY PD 345] LOAD TO 0 MW DISPATCH
3618.5	INTERFACE TOTAL EAST			1.11111	6596.8	6500.0	OPEN 70509 [SB RCTOR 115] TO 70508 [SANDB115 115] CKT 2
							REMOVE MACHINE 1 FROM BUS 72869 [SBRK G1 25.0] DISPATCH
3618.5	INTERFACE TOTAL EAST			1.11111	6596.8	6500.0	REMOVE MACHINE 1 FROM BUS 72869 [SBRK G1 25.0] DISPATCH
3647.7 *	INTERFACE TOTAL EAST			1.11111	6564.4	6500.0	REMOVE MACHINE 3 FROM BUS 73563 [MILL#3 24.0] DISPATCH
3823.4	74344 PLTVLLEY 345	78701 LEEDS 3	345 2	-0.31963	-1686.4	1724.0	OPEN 78705 [ATHENS 345] TO 74344 [PLTVLLEY 345] CKT 1
3948.8	74344 PLTVLLEY 345	78705 ATHENS	345 1	-0.31087	-1648.4	1724.0	OPEN 78701 [LEEDS 3 345] TO 74344 [PLTVLLEY 345] CKT 2
3985.9	74344 PLTVLLEY 345	78701 LEEDS 3	345 2	-0.30648	-1638.1	1724.0	OPEN 78705 [ATHENS 345] TO 74344 [PLTVLLEY 345] CKT 1
							OPEN 74344 [PLTVLLEY 345] TO 74341 [MILLWOOD 345] CKT 1
3990.8	74344 PLTVLLEY 345	78701 LEEDS 3	345 2	-0.30680	-1636.5	1724.0	OPEN 78705 [ATHENS 345] TO 74344 [PLTVLLEY 345] CKT 1
							OPEN 74344 [PLTVLLEY 345] TO 74356 [WOOD B 345] CKT 1
4120.5	74344 PLTVLLEY 345	78705 ATHENS	345 1	-0.29845	-1600.2	1724.0	OPEN 78701 [LEEDS 3 345] TO 74344 [PLTVLLEY 345] CKT 2
							OPEN 74344 [PLTVLLEY 345] TO 74356 [WOOD B 345] CKT 1

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*** TLTG TRANSFER LIMIT OUTPUT FOR INTERFACE VOLNEY EAST ***

TOTAL TRANS CAPAB	<---------- LIMITING ELEMENT ----------> FROM	TO	CKT	DISTR. FACTOR	PRE-SHIFT MW	RATING BAS/CNT A/C	<---------- CONTINGENCY DESCRIPTION ---------->
4235.2	74344 PLTVLLEY 345	78705 ATHENS 345	1	-0.29048	-1570.2	1724.0	OPEN 78701 [LEEDS 3 345] TO 74344 [PLTVLLEY 345] CKT 2
							OPEN 78702 [N.SCOT77 345] TO 78701 [LEEDS 3 345] CKT 1
4378.3	74344 PLTVLLEY 345	78701 LEEDS 3 345	2	-0.22452	-1180.0	1331.0	BASE CASE
4400.2	*74344 PLTVLLEY 345	78701 LEEDS 3 345	2	-0.29986	-1515.7	1724.0	OPEN 79583 [MARCY T1 345] TO 75400 [COOPC345 345] CKT 1
							OPEN 75403 [FRASR345 345] TO 75400 [COOPC345 345] CKT 1
4611.3	74344 PLTVLLEY 345	78705 ATHENS 345	1	-0.21366	-1137.5	1331.0	BASE CASE
4641.2	*74344 PLTVLLEY 345	78705 ATHENS 345	1	-0.28535	-1457.0	1724.0	OPEN 79583 [MARCY T1 345] TO 75400 [COOPC345 345] CKT 1
							OPEN 75403 [FRASR345 345] TO 75400 [COOPC345 345] CKT 1
4826.1	79303 SMAHWAH2 345	5028 WALDWICK 345	1	0.04080	543.3	589.0	OPEN 74347 [RAMAPO 345] TO 74340 [LADENTWN 345] CKT 1
							OPEN 74347 [RAMAPO 345] TO 74312 [BUCH N 345] CKT 1
							OPEN 74410 [BUCHNTA5 138] TO 74312 [BUCH N 345] CKT 1
4828.3	75403 FRASR345 345	75405 OAKDL345 345	1	-0.30057	-1042.6	1380.0	OPEN 78450 [EDIC 345] TO 75403 [FRASR345 345] CKT 1
							OPEN 79583 [MARCY T1 345] TO 75400 [COOPC345 345] CKT 1
4838.7	75400 COOPC345 345	75403 FRASR345 345	1	-0.21624	-962.0	1207.0	BASE CASE
4860.7	79304 N.M.TAP 345	79322 SHOEMTAP 138	1	0.07773	577.2	667.0	OPEN 74001 [ROCK TAV 345] TO 74347 [RAMAPO 345] CKT 1
							OPEN 74001 [ROCK TAV 345] TO 74046 [ROCK TV1 115] CKT 1
							OPEN 74046 [ROCK TV1 115] TO 74018 [SUGARLF 115] CKT 1
4917.7	78703 N.SCOT99 345	79583 MARCY T1 345	1	-0.30734	-1419.5	1792.0	OPEN 78702 [N.SCOT77 345] TO 78450 [EDIC 345] CKT 1
							OPEN 78450 [EDIC 345] TO 78460 [PORTER 2 230] CKT 1
							OPEN 78450 [EDIC 345] TO 78485 [PORTER 1 115] CKT 1
4950.0	78701 LEEDS 3 345	78703 N.SCOT99 345	2	-0.32822	-1315.6	1724.0	OPEN 78701 [LEEDS 3 345] TO 78702 [N.SCOT77 345] CKT 1
5007.3	78703 N.SCOT99 345	79583 MARCY T1 345	1	-0.30231	-1398.5	1792.0	OPEN 78450 [EDIC 345] TO 75403 [FRASR345 345] CKT 1
							OPEN 79583 [MARCY T1 345] TO 75400 [COOPC345 345] CKT 1
5123.8	75400 COOPC345 345	75403 FRASR345 345	1	-0.28968	-1292.2	1703.0	OPEN 78460 [PORTER 2 230] TO 78980 [ROTRDM.2 230] CKT 1
							OPEN 79583 [MARCY T1 345] TO 75400 [COOPC345 345] CKT 1
5143.5	75403 FRASR345 345	79581 GILB 345 345	1	0.32476	1057.0	1524.0	OPEN 75400 [COOPC345 345] TO 74001 [ROCK TAV 345] CKT 2
							OPEN 75400 [COOPC345 345] TO 79304 [N.M.TAP 345] CKT 1
							OPEN 79304 [N.M.TAP 345] TO 74001 [ROCK TAV 345] CKT 1
5150.4	78703 N.SCOT99 345	79583 MARCY T1 345	1	-0.30093	-1357.2	1792.0	OPEN 78450 [EDIC 345] TO 78702 [N.SCOT77 345] CKT 1
5164.1	75403 FRASR345 345	79581 GILB 345 345	1	0.32123	1055.5	1524.0	OPEN 79583 [MARCY T1 345] TO 75400 [COOPC345 345] CKT 1
							OPEN 75403 [FRASR345 345] TO 75400 [COOPC345 345] CKT 1
5166.9	79586 ADRON B2 230	79590 MOSES W 230	1	-0.02957	-396.8	440.0	OPEN 79578 [MASS 765 765] TO 79577 [MARCY765 765] CKT 1
5166.9	79585 ADRON B1 230	79590 MOSES W 230	1	-0.02957	-396.8	440.0	OPEN 79578 [MASS 765 765] TO 79577 [MARCY765 765] CKT 1
5185.0	75400 COOPC345 345	75403 FRASR345 345	1	-0.28705	-1278.4	1703.0	OPEN 79583 [MARCY T1 345] TO 75400 [COOPC345 345] CKT 1
5187.7	75400 COOPC345 345	75403 FRASR345 345	1	-0.28698	-1277.7	1703.0	OPEN 79590 [MOSES W 230] TO 79585 [ADRON B1 230] CKT 1
							OPEN 79583 [MARCY T1 345] TO 75400 [COOPC345 345] CKT 1
5196.6	*75400 COOPC345 345	75403 FRASR345 345	1	-0.28688	-1275.3	1703.0	OPEN 79577 [MARCY765 765] TO 79583 [MARCY T1 345] CKT 1
							OPEN 79583 [MARCY T1 345] TO 75400 [COOPC345 345] CKT 1
5257.3	78703 N.SCOT99 345	79583 MARCY T1 345	1	-0.29576	-1333.1	1792.0	OPEN 79580 [JA FITZP 345] TO 78450 [EDIC 345] CKT 1
							OPEN 78702 [N.SCOT77 345] TO 78450 [EDIC 345] CKT 1
5274.3	75400 COOPC345 345	79583 MARCY T1 345	1	-0.22371	-994.1	1345.0	OPEN 75403 [FRASR345 345] TO 75400 [COOPC345 345] CKT 1
							OPEN 75405 [OAKDL345 345] TO 75403 [FRASR345 345] CKT 1
5298.3	78450 EDIC 345	78702 N.SCOT77 345	1	0.28594	1268.6	1724.0	OPEN 79590 [MOSES W 230] TO 79586 [ADRON B2 230] CKT 1
							OPEN 79583 [MARCY T1 345] TO 78703 [N.SCOT99 345] CKT 1
5300.5	78450 EDIC 345	78702 N.SCOT77 345	1	0.28589	1268.1	1724.0	OPEN 78703 [N.SCOT99 345] TO 79583 [MARCY T1 345] CKT 1
5310.4	75400 COOPC345 345	79304 N.M.TAP 345	1	0.30791	1298.9	1793.0	OPEN 74001 [ROCK TAV 345] TO 75400 [COOPC345 345] CKT 2
							OPEN 75400 [COOPC345 345] TO 75440 [COOPC115 115] CKT 1
5318.1	75400 COOPC345 345	79583 MARCY T1 345	1	-0.22139	-988.0	1345.0	OPEN 75403 [FRASR345 345] TO 75400 [COOPC345 345] CKT 1

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*** TLTG TRANSFER LIMIT OUTPUT FOR INTERFACE TOTAL EAST ***

<- INTERFACE 'TOTAL EAST ' DEFINITION ->

<----- FROM ----->	<------ TO ------>	CKT	DISTR. FACTOR	PRE-SHIFT MW
75512 W.WDB115 115	76210 W.WDBR6969.0	1	0.00483	26.9
75403 FRASR345 345	79581 GILB 345 345	1	0.16397	436.4
75400 COOPC345 345	74001 ROCK TAV 345	2	0.16248	729.4
75400 COOPC345 345	79304 N.M.TAP 345	1	0.17401	833.9
2 BRANCHBG 500	74300 RAMAPO 5 500	1	0.00000	441.9
4989 HUDSON1 345	74328 FARRGUT1 345	1	0.00000	401.2
5039 HUDSON2 345	74329 FARRGUT2 345	1	0.00000	399.6
4996 LINDEN 230	74371 GOETHALS 230	1	0.00000	221.9
5028 WALDWICK 345	79302 SMAHWAH1 345	1	-0.00242	-449.6
5028 WALDWICK 345	79303 SMAHWAH2 345	1	0.00242	-571.5
79314 HCOR138 138	79311 BURNS138 138	1	-0.00048	-102.4
79320 SMAH138 138	79302 SMAHWAH1 345	1	0.00734	-188.3
79320 SMAH138 138	79319 RAMP138 138	1	-0.00437	-105.2
79334 CLOSTR6969.0	79357 SPARKILL69.0	1	0.00066	-8.6
79338 HCOR69 69.0	79362 WNYA69 69.0	1	0.00172	-12.9
79346 MONTVALE69.0	79327 BLUHILL 69.0	1	0.00000	6.4
79346 MONTVALE69.0	79327 BLUHILL 69.0	2	0.00000	6.4
79346 MONTVALE69.0	79400 L491T 69.0	1	0.00046	-37.2
79356 SMAH69 69.0	79340 HILB69 69.0	1	-0.00523	-45.6
79370 HCOR34 34.5	79376 PEARL34 34.5	1	-0.00010	2.6
75447 E.SPR115 115	79136 INGHAM-E 115	1	0.00861	19.9
78450 EDIC 345	78702 N.SCOT77 345	1	0.18975	926.8
78460 PORTER 2 230	78980 ROTRDM.2 230	1	0.04514	268.3
78460 PORTER 2 230	78980 ROTRDM.2 230	2	0.04638	275.4
78478 INGMS-CD 115	79136 INGHAM-E 115	1	0.00000	118.9
79583 MARCY T1 345	78703 N.SCOT99 345	1	0.20484	1034.9
79602 PLAT T#3 115	70511 GRAND IS 115	1	0.00000	117.0
74959 NEPTCONV 345	74958 NWBRG 345	1	0.00000	656.3
TOTALS FOR INTERFACE TOTAL EAST			1.00000	5402.9

TOTAL TRANS CAPAB	<---------- LIMITING ELEMENT ----------> <----- FROM ----->	<------ TO ------>	CKT	DISTR. FACTOR	PRE-SHIFT MW	RATING BAS/CNT A/C	<---------- CONTINGENCY DESCRIPTION ---------->
3823.4	79303 SMAHWAH2 345	5028 WALDWICK 345	1	0.02795	633.2	589.0	OPEN 74340 [LADENTWN 345] TO 74313 [BUCH S 345] CKT 1
							OPEN 74347 [RAMAPO 345] TO 74312 [BUCH N 345] CKT 1
							OPEN 74410 [BUCHNTA5 138] TO 74312 [BUCH N 345] CKT 1
4579.6	INTERFACE CENTRAL EAST			0.65735	3641.2	3100.0	OPEN 78450 [EDIC 345] TO 75403 [FRASR345 345] CKT 1
							OPEN 79583 [MARCY T1 345] TO 75400 [COOPC345 345] CKT 1
4881.0	INTERFACE CENTRAL EAST			0.62937	3428.5	3100.0	OPEN 79583 [MARCY T1 345] TO 75400 [COOPC345 345] CKT 1
							OPEN 75403 [FRASR345 345] TO 75400 [COOPC345 345] CKT 1
5054.9	INTERFACE CENTRAL EAST			0.60891	3311.9	3100.0	OPEN 75400 [COOPC345 345] TO 74001 [ROCK TAV 345] CKT 2
							OPEN 75400 [COOPC345 345] TO 79304 [N.M.TAP 345] CKT 1
							OPEN 79304 [N.M.TAP 345] TO 74001 [ROCK TAV 345] CKT 1
5117.1	INTERFACE TOTAL EAST			1.00000	6785.8	6500.0	SET BUS 71786 [SANDY PD 345] LOAD TO 0 MW DISPATCH
5117.1	INTERFACE TOTAL EAST			1.00000	6785.8	6500.0	OPEN 70509 [SB RCTOR 115] TO 70508 [SANDB115 115] CKT 2
							SET BUS 71786 [SANDY PD 345] LOAD TO 0 MW DISPATCH
5122.7	INTERFACE CENTRAL EAST			0.49471	3238.6	3100.0	SET BUS 71786 [SANDY PD 345] LOAD TO 0 MW DISPATCH

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*** TLTG TRANSFER LIMIT OUTPUT FOR INTERFACE TOTAL EAST ***

TOTAL TRANS CAPAB		<---------- LIMITING ELEMENT ----------> <----- FROM ----->	<------ TO ------>	CKT	DISTR. FACTOR	PRE-SHIFT MW	RATING BAS/CNT A/C	<--------------- CONTINGENCY DESCRIPTION --------------->
5122.7	*	INTERFACE CENTRAL EAST			0.49471	3238.6	3100.0	OPEN 70509 [SB RCTOR 115] TO 70508 [SANDB115 115] CKT 2 SET BUS 71786 [SANDY PD 345] LOAD TO 0 MW DISPATCH
5306.1		INTERFACE TOTAL EAST			1.00000	6596.8	6500.0	OPEN 70509 [SB RCTOR 115] TO 70508 [SANDB115 115] CKT 2 REMOVE MACHINE 1 FROM BUS 72869 [SBRK G1 25.0] DISPATCH
5306.1		INTERFACE TOTAL EAST			1.00000	6596.8	6500.0	REMOVE MACHINE 1 FROM BUS 72869 [SBRK G1 25.0] DISPATCH
5338.5	*	INTERFACE TOTAL EAST			1.00000	6564.4	6500.0	REMOVE MACHINE 3 FROM BUS 73563 [MILL#3 24.0] DISPATCH
5533.7		74344 PLTVLLEY 345	78701 LEEDS 3 345	2	-0.28767	-1686.4	1724.0	OPEN 78705 [ATHENS 345] TO 74344 [PLTVLLEY 345] CKT 1
5673.1		74344 PLTVLLEY 345	78705 ATHENS 345	1	-0.27978	-1648.4	1724.0	OPEN 78701 [LEEDS 3 345] TO 74344 [PLTVLLEY 345] CKT 2
5714.3		74344 PLTVLLEY 345	78701 LEEDS 3 345	2	-0.27583	-1638.1	1724.0	OPEN 78705 [ATHENS 345] TO 74344 [PLTVLLEY 345] CKT 1 OPEN 74344 [PLTVLLEY 345] TO 74341 [MILLWOOD 345] CKT 1
5719.7		74344 PLTVLLEY 345	78701 LEEDS 3 345	2	-0.27612	-1636.5	1724.0	OPEN 78705 [ATHENS 345] TO 74344 [PLTVLLEY 345] CKT 1 OPEN 74344 [PLTVLLEY 345] TO 74356 [WOOD B 345] CKT 1
5863.9		74344 PLTVLLEY 345	78705 ATHENS 345	1	-0.26861	-1600.2	1724.0	OPEN 78701 [LEEDS 3 345] TO 74344 [PLTVLLEY 345] CKT 2 OPEN 74344 [PLTVLLEY 345] TO 74356 [WOOD B 345] CKT 1
5991.3		74344 PLTVLLEY 345	78705 ATHENS 345	1	-0.26143	-1570.2	1724.0	OPEN 78701 [LEEDS 3 345] TO 74344 [PLTVLLEY 345] CKT 2 OPEN 78702 [N.SCOT77 345] TO 78701 [LEEDS 3 345] CKT 1
6150.3		74344 PLTVLLEY 345	78701 LEEDS 3 345	2	-0.20206	-1180.0	1331.0	BASE CASE
6174.6	*74344	PLTVLLEY 345	78701 LEEDS 3 345	2	-0.26987	-1515.7	1724.0	OPEN 79583 [MARCY T1 345] TO 75400 [COOPC345 345] CKT 1 OPEN 75403 [FRASR345 345] TO 75400 [COOPC345 345] CKT 1
6409.1		74344 PLTVLLEY 345	78705 ATHENS 345	1	-0.19229	-1137.5	1331.0	BASE CASE
6442.4	*74344	PLTVLLEY 345	78705 ATHENS 345	1	-0.25682	-1457.0	1724.0	OPEN 79583 [MARCY T1 345] TO 75400 [COOPC345 345] CKT 1 OPEN 75403 [FRASR345 345] TO 75400 [COOPC345 345] CKT 1
6647.9		79303 SMAHWAH2 345	5028 WALDWICK 345	1	0.03672	543.3	589.0	OPEN 74347 [RAMAPO 345] TO 74340 [LADENTWN 345] CKT 1 OPEN 74347 [RAMAPO 345] TO 74312 [BUCH N 345] CKT 1 OPEN 74410 [BUCHNTA5 138] TO 74312 [BUCH N 345] CKT 1
6650.3		75403 FRASR345 345	75405 OAKDL345 345	1	-0.27051	-1042.6	1380.0	OPEN 78450 [EDIC 345] TO 75403 [FRASR345 345] CKT 1 OPEN 79583 [MARCY T1 345] TO 75400 [COOPC345 345] CKT 1
6661.9		75400 COOPC345 345	75403 FRASR345 345	1	-0.19461	-962.0	1207.0	BASE CASE
6686.2		79304 N.M.TAP 345	79322 SHOEMTAP 138	1	0.06996	577.2	667.0	OPEN 74001 [ROCK TAV 345] TO 74347 [RAMAPO 345] CKT 1 OPEN 74001 [ROCK TAV 345] TO 74046 [ROCK TV1 115] CKT 1 OPEN 74046 [ROCK TV1 115] TO 74018 [SUGARLF 115] CKT 1
6749.6		78703 N.SCOT99 345	79583 MARCY T1 345	1	-0.27661	-1419.5	1792.0	OPEN 78702 [N.SCOT77 345] TO 78450 [EDIC 345] CKT 1 OPEN 78450 [EDIC 345] TO 78460 [PORTER 2 230] CKT 1 OPEN 78450 [EDIC 345] TO 78485 [PORTER 1 115] CKT 1
6785.5		78701 LEEDS 3 345	78703 N.SCOT99 345	2	-0.29540	-1315.6	1724.0	OPEN 78701 [LEEDS 3 345] TO 78702 [N.SCOT77 345] CKT 1
6849.1		78703 N.SCOT99 345	79583 MARCY T1 345	1	-0.27208	-1398.5	1792.0	OPEN 78450 [EDIC 345] TO 75403 [FRASR345 345] CKT 1 OPEN 79583 [MARCY T1 345] TO 75400 [COOPC345 345] CKT 1
6978.6		75400 COOPC345 345	75403 FRASR345 345	1	-0.26071	-1292.2	1703.0	OPEN 78460 [PORTER 2 230] TO 78980 [ROTRDM.2 230] CKT 1 OPEN 79583 [MARCY T1 345] TO 75400 [COOPC345 345] CKT 1
7000.5		75403 FRASR345 345	79581 GILB 345 345	1	0.29228	1057.0	1524.0	OPEN 75400 [COOPC345 345] TO 74001 [ROCK TAV 345] CKT 2 OPEN 75400 [COOPC345 345] TO 79304 [N.M.TAP 345] CKT 1 OPEN 79304 [N.M.TAP 345] TO 74001 [ROCK TAV 345] CKT 1
7008.2		78703 N.SCOT99 345	79583 MARCY T1 345	1	-0.27084	-1357.2	1792.0	OPEN 78450 [EDIC 345] TO 78702 [N.SCOT77 345] CKT 1
7023.4		75403 FRASR345 345	79581 GILB 345 345	1	0.28910	1055.5	1524.0	OPEN 79583 [MARCY T1 345] TO 75400 [COOPC345 345] CKT 1 OPEN 75403 [FRASR345 345] TO 75400 [COOPC345 345] CKT 1
7026.4		79586 ADRON B2 230	79590 MOSES W 230	1	-0.02661	-396.8	440.0	OPEN 79578 [MASS 765 765] TO 79577 [MARCY765 765] CKT 1
7026.5		79585 ADRON B1 230	79590 MOSES W 230	1	-0.02661	-396.8	440.0	OPEN 79578 [MASS 765 765] TO 79577 [MARCY765 765] CKT 1
7046.6		75400 COOPC345 345	75403 FRASR345 345	1	-0.25835	-1278.4	1703.0	OPEN 79583 [MARCY T1 345] TO 75400 [COOPC345 345] CKT 1

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*** TLTG TRANSFER LIMIT OUTPUT FOR INTERFACE CENTRAL EAST ***

<- INTERFACE 'CENTRAL EAST' DEFINITION ->

<----- FROM ----->	<------ TO ------>	CKT	DISTR. FACTOR	PRE-SHIFT MW
75447 E.SPR115 115	79136 INGHAM-E 115	1	0.01740	19.9
78450 EDIC 345	78702 N.SCOT77 345	1	0.38356	926.8
78460 PORTER 2 230	78980 ROTRDM.2 230	1	0.09124	268.3
78460 PORTER 2 230	78980 ROTRDM.2 230	2	0.09375	275.4
78478 INGMS-CD 115	79136 INGHAM-E 115	1	0.00000	118.9
79583 MARCY T1 345	78703 N.SCOT99 345	1	0.41405	1034.9
79602 PLAT T#3 115	70511 GRAND IS 115	1	0.00000	117.0
TOTALS FOR INTERFACE CENTRAL EAST			1.00000	2761.1

TOTAL TRANS CAPAB	<---------- LIMITING ELEMENT ----------> <----- FROM ----->	<------ TO ------>	CKT	DISTR. FACTOR	PRE-SHIFT MW	RATING BAS/CNT A/C	<---------- CONTINGENCY DESCRIPTION ---------->
1979.7	79303 SMAHWAH2 345	5028 WALDWICK 345	1	0.05650	633.2	589.0	OPEN 74340 [LADENTWN 345] TO 74313 [BUCH S 345] CKT 1
							OPEN 74347 [RAMAPO 345] TO 74312 [BUCH N 345] CKT 1
							OPEN 74410 [BUCHNTA5 138] TO 74312 [BUCH N 345] CKT 1
2353.8	INTERFACE CENTRAL EAST			1.32874	3641.2	3100.0	OPEN 78450 [EDIC 345] TO 75403 [FRASR345 345] CKT 1
							OPEN 79583 [MARCY T1 345] TO 75400 [COOPC345 345] CKT 1
2502.9	INTERFACE CENTRAL EAST			1.27218	3428.5	3100.0	OPEN 79583 [MARCY T1 345] TO 75400 [COOPC345 345] CKT 1
							OPEN 75403 [FRASR345 345] TO 75400 [COOPC345 345] CKT 1
2588.9	INTERFACE CENTRAL EAST			1.23082	3311.9	3100.0	OPEN 75400 [COOPC345 345] TO 74001 [ROCK TAV 345] CKT 2
							OPEN 75400 [COOPC345 345] TO 79304 [N.M.TAP 345] CKT 1
							OPEN 79304 [N.M.TAP 345] TO 74001 [ROCK TAV 345] CKT 1
2619.7	INTERFACE TOTAL EAST			2.02137	6785.8	6500.0	SET BUS 71786 [SANDY PD 345] LOAD TO 0 MW DISPATCH
2619.7	INTERFACE TOTAL EAST			2.02137	6785.8	6500.0	OPEN 70509 [SB RCTOR 115] TO 70508 [SANDB115 115] CKT 2
							SET BUS 71786 [SANDY PD 345] LOAD TO 0 MW DISPATCH
2622.5	INTERFACE CENTRAL EAST			1.00000	3238.6	3100.0	SET BUS 71786 [SANDY PD 345] LOAD TO 0 MW DISPATCH
2622.5 *	INTERFACE CENTRAL EAST			1.00000	3238.6	3100.0	OPEN 70509 [SB RCTOR 115] TO 70508 [SANDB115 115] CKT 2
							SET BUS 71786 [SANDY PD 345] LOAD TO 0 MW DISPATCH
2713.2	INTERFACE TOTAL EAST			2.02137	6596.8	6500.0	OPEN 70509 [SB RCTOR 115] TO 70508 [SANDB115 115] CKT 2
							REMOVE MACHINE 1 FROM BUS 72869 [SBRK G1 25.0] DISPATCH
2713.2	INTERFACE TOTAL EAST			2.02137	6596.8	6500.0	REMOVE MACHINE 1 FROM BUS 72869 [SBRK G1 25.0] DISPATCH
2729.2 *	INTERFACE TOTAL EAST			2.02137	6564.4	6500.0	REMOVE MACHINE 3 FROM BUS 73563 [MILL#3 24.0] DISPATCH
2825.8	74344 PLTVLLEY 345	78701 LEEDS 3	345 2	-0.58149	-1686.4	1724.0	OPEN 78705 [ATHENS 345] TO 74344 [PLTVLLEY 345] CKT 1
2894.7	74344 PLTVLLEY 345	78705 ATHENS	345 1	-0.56554	-1648.4	1724.0	OPEN 78701 [LEEDS 3 345] TO 74344 [PLTVLLEY 345] CKT 2
2915.1	74344 PLTVLLEY 345	78701 LEEDS 3	345 2	-0.55756	-1638.1	1724.0	OPEN 78705 [ATHENS 345] TO 74344 [PLTVLLEY 345] CKT 1
							OPEN 74344 [PLTVLLEY 345] TO 74341 [MILLWOOD 345] CKT 1
2917.8	74344 PLTVLLEY 345	78701 LEEDS 3	345 2	-0.55815	-1636.5	1724.0	OPEN 78705 [ATHENS 345] TO 74344 [PLTVLLEY 345] CKT 1
							OPEN 74344 [PLTVLLEY 345] TO 74356 [WOOD B 345] CKT 1
2989.1	74344 PLTVLLEY 345	78705 ATHENS	345 1	-0.54296	-1600.2	1724.0	OPEN 78701 [LEEDS 3 345] TO 74344 [PLTVLLEY 345] CKT 2
							OPEN 74344 [PLTVLLEY 345] TO 74356 [WOOD B 345] CKT 1
3052.1	74344 PLTVLLEY 345	78705 ATHENS	345 1	-0.52844	-1570.2	1724.0	OPEN 78701 [LEEDS 3 345] TO 74344 [PLTVLLEY 345] CKT 2
							OPEN 78702 [N.SCOT77 345] TO 78701 [LEEDS 3 345] CKT 1
3130.8	74344 PLTVLLEY 345	78701 LEEDS 3	345 2	-0.40845	-1180.0	1331.0	BASE CASE
3142.9 *74344	PLTVLLEY 345	78701 LEEDS 3	345 2	-0.54551	-1515.7	1724.0	OPEN 79583 [MARCY T1 345] TO 75400 [COOPC345 345] CKT 1
							OPEN 75403 [FRASR345 345] TO 75400 [COOPC345 345] CKT 1
3258.9	74344 PLTVLLEY 345	78705 ATHENS	345 1	-0.38869	-1137.5	1331.0	BASE CASE
3275.3 *74344	PLTVLLEY 345	78705 ATHENS	345 1	-0.51912	-1457.0	1724.0	OPEN 79583 [MARCY T1 345] TO 75400 [COOPC345 345] CKT 1
							OPEN 75403 [FRASR345 345] TO 75400 [COOPC345 345] CKT 1

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*** TLTG TRANSFER LIMIT OUTPUT FOR INTERFACE CENTRAL EAST ***

TOTAL TRANS CAPAB	<---------- LIMITING ELEMENT ----------> FROM	TO	CKT	DISTR. FACTOR	PRE-SHIFT MW	RATING BAS/CNT A/C	<---------- CONTINGENCY DESCRIPTION ---------->
3377.0	79303 SMAHWAH2 345	5028 WALDWICK 345	1	0.07422	543.3	589.0	OPEN 74347 [RAMAPO 345] TO 74340 [LADENTWN 345] CKT 1
							OPEN 74347 [RAMAPO 345] TO 74312 [BUCH N 345] CKT 1
							OPEN 74410 [BUCHNTA5 138] TO 74312 [BUCH N 345] CKT 1
3378.2	75403 FRASR345 345	75405 OAKDL345 345	1	-0.54681	-1042.6	1380.0	OPEN 78450 [EDIC 345] TO 75403 [FRASR345 345] CKT 1
							OPEN 79583 [MARCY T1 345] TO 75400 [COOPC345 345] CKT 1
3383.9	75400 COOPC345 345	75403 FRASR345 345	1	-0.39339	-962.0	1207.0	BASE CASE
3396.0	79304 N.M.TAP 345	79322 SHOEMTAP 138	1	0.14142	577.2	667.0	OPEN 74001 [ROCK TAV 345] TO 74347 [RAMAPO 345] CKT 1
							OPEN 74001 [ROCK TAV 345] TO 74046 [ROCK TV1 115] CKT 1
							OPEN 74046 [ROCK TV1 115] TO 74018 [SUGARLF 115] CKT 1
3427.3	78703 N.SCOT99 345	79583 MARCY T1 345	1	-0.55913	-1419.5	1792.0	OPEN 78702 [N.SCOT77 345] TO 78450 [EDIC 345] CKT 1
							OPEN 78450 [EDIC 345] TO 78460 [PORTER 2 230] CKT 1
							OPEN 78450 [EDIC 345] TO 78485 [PORTER 1 115] CKT 1
3445.1	78701 LEEDS 3 345	78703 N.SCOT99 345	2	-0.59710	-1315.6	1724.0	OPEN 78701 [LEEDS 3 345] TO 78702 [N.SCOT77 345] CKT 1
3476.6	78703 N.SCOT99 345	79583 MARCY T1 345	1	-0.54997	-1398.5	1792.0	OPEN 78450 [EDIC 345] TO 75403 [FRASR345 345] CKT 1
							OPEN 79583 [MARCY T1 345] TO 75400 [COOPC345 345] CKT 1
3540.6	75400 COOPC345 345	75403 FRASR345 345	1	-0.52699	-1292.2	1703.0	OPEN 78460 [PORTER 2 230] TO 78980 [ROTRDM.2 230] CKT 1
							OPEN 79583 [MARCY T1 345] TO 75400 [COOPC345 345] CKT 1
3551.5	75403 FRASR345 345	79581 GILB 345 345	1	0.59081	1057.0	1524.0	OPEN 75400 [COOPC345 345] TO 74001 [ROCK TAV 345] CKT 2
							OPEN 75400 [COOPC345 345] TO 79304 [N.M.TAP 345] CKT 1
							OPEN 79304 [N.M.TAP 345] TO 74001 [ROCK TAV 345] CKT 1
3555.2	78703 N.SCOT99 345	79583 MARCY T1 345	1	-0.54746	-1357.2	1792.0	OPEN 78450 [EDIC 345] TO 78702 [N.SCOT77 345] CKT 1
3562.7	75403 FRASR345 345	79581 GILB 345 345	1	0.58438	1055.5	1524.0	OPEN 79583 [MARCY T1 345] TO 75400 [COOPC345 345] CKT 1
							OPEN 75403 [FRASR345 345] TO 75400 [COOPC345 345] CKT 1
3564.3	79586 ADRON B2 230	79590 MOSES W 230	1	-0.05379	-396.8	440.0	OPEN 79578 [MASS 765 765] TO 79577 [MARCY765 765] CKT 1
3564.3	79585 ADRON B1 230	79590 MOSES W 230	1	-0.05379	-396.8	440.0	OPEN 79578 [MASS 765 765] TO 79577 [MARCY765 765] CKT 1
3574.2	75400 COOPC345 345	75403 FRASR345 345	1	-0.52221	-1278.4	1703.0	OPEN 79583 [MARCY T1 345] TO 75400 [COOPC345 345] CKT 1
3575.7	75400 COOPC345 345	75403 FRASR345 345	1	-0.52209	-1277.7	1703.0	OPEN 79590 [MOSES W 230] TO 79585 [ADRON B1 230] CKT 1
							OPEN 79583 [MARCY T1 345] TO 75400 [COOPC345 345] CKT 1
3580.6	*75400 COOPC345 345	75403 FRASR345 345	1	-0.52190	-1275.3	1703.0	OPEN 79577 [MARCY765 765] TO 79583 [MARCY T1 345] CKT 1
							OPEN 79583 [MARCY T1 345] TO 75400 [COOPC345 345] CKT 1
3614.0	78703 N.SCOT99 345	79583 MARCY T1 345	1	-0.53806	-1333.1	1792.0	OPEN 79580 [JA FITZP 345] TO 78450 [EDIC 345] CKT 1
							OPEN 78702 [N.SCOT77 345] TO 78450 [EDIC 345] CKT 1
3623.3	75400 COOPC345 345	79583 MARCY T1 345	1	-0.40699	-994.1	1345.0	OPEN 75403 [FRASR345 345] TO 75400 [COOPC345 345] CKT 1
							OPEN 75405 [OAKDL345 345] TO 75403 [FRASR345 345] CKT 1
3636.5	78450 EDIC 345	78702 N.SCOT77 345	1	0.52019	1268.6	1724.0	OPEN 79590 [MOSES W 230] TO 79586 [ADRON B2 230] CKT 1
							OPEN 79583 [MARCY T1 345] TO 78703 [N.SCOT99 345] CKT 1
3637.7	78450 EDIC 345	78702 N.SCOT77 345	1	0.52009	1268.1	1724.0	OPEN 78703 [N.SCOT99 345] TO 79583 [MARCY T1 345] CKT 1
3643.2	75400 COOPC345 345	79304 N.M.TAP 345	1	0.56016	1298.9	1793.0	OPEN 74001 [ROCK TAV 345] TO 75400 [COOPC345 345] CKT 2
							OPEN 75400 [COOPC345 345] TO 75440 [COOPC115 115] CKT 1
3647.4	75400 COOPC345 345	79583 MARCY T1 345	1	-0.40276	-988.0	1345.0	OPEN 75403 [FRASR345 345] TO 75400 [COOPC345 345] CKT 1
3649.1	75400 COOPC345 345	79583 MARCY T1 345	1	-0.40274	-987.4	1345.0	OPEN 75403 [FRASR345 345] TO 75400 [COOPC345 345] CKT 1
							OPEN 75400 [COOPC345 345] TO 75440 [COOPC115 115] CKT 1
3649.4	75400 COOPC345 345	79304 N.M.TAP 345	1	0.55973	1295.8	1793.0	OPEN 75400 [COOPC345 345] TO 74001 [ROCK TAV 345] CKT 2
3650.4	78450 EDIC 345	78702 N.SCOT77 345	1	0.51951	1262.0	1724.0	OPEN 79577 [MARCY765 765] TO 79583 [MARCY T1 345] CKT 2
							OPEN 78703 [N.SCOT99 345] TO 79583 [MARCY T1 345] CKT 1
3666.1	75403 FRASR345 345	75405 OAKDL345 345	1	-0.50462	-923.3	1380.0	OPEN 77400 [CLAY 345] TO 78450 [EDIC 345] CKT 2
							OPEN 78450 [EDIC 345] TO 75403 [FRASR345 345] CKT 1

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*** TLTG TRANSFER LIMIT OUTPUT FOR INTERFACE CENT E+FGILB ***

<- INTERFACE 'CENT E+FGILB' DEFINITION ->

<----- FROM ----->	<------ TO ------>	CKT	DISTR. FACTOR	PRE-SHIFT MW
75403 FRASR345 345	79581 GILB 345 345	1	0.24893	436.4
75447 E.SPR115 115	79136 INGHAM-E 115	1	0.01307	19.9
78450 EDIC 345	78702 N.SCOT77 345	1	0.28808	926.8
78460 PORTER 2 230	78980 ROTRDM.2 230	1	0.06853	268.3
78460 PORTER 2 230	78980 ROTRDM.2 230	2	0.07042	275.4
78478 INGMS-CD 115	79136 INGHAM-E 115	1	0.00000	118.9
79583 MARCY T1 345	78703 N.SCOT99 345	1	0.31098	1034.9
79602 PLAT T#3 115	70511 GRAND IS 115	1	0.00000	117.0
TOTALS FOR INTERFACE CENT E+FGILB			1.00000	3197.5

TOTAL TRANS CAPAB	<---------- LIMITING ELEMENT ----------> <----- FROM ----->	<------ TO ------>	CKT	DISTR. FACTOR	PRE-SHIFT MW	RATING BAS/CNT A/C	<---------- CONTINGENCY DESCRIPTION ---------->
2157.1	79303 SMAHWAH2 345	5028 WALDWICK 345	1	0.04244	633.2	589.0	OPEN 74340 [LADENTWN 345] TO 74313 [BUCH S 345] CKT 1
							OPEN 74347 [RAMAPO 345] TO 74312 [BUCH N 345] CKT 1
							OPEN 74410 [BUCHNTA5 138] TO 74312 [BUCH N 345] CKT 1
2655.2	INTERFACE CENTRAL EAST			0.99798	3641.2	3100.0	OPEN 78450 [EDIC 345] TO 75403 [FRASR345 345] CKT 1
							OPEN 79583 [MARCY T1 345] TO 75400 [COOPC345 345] CKT 1
2853.7	INTERFACE CENTRAL EAST			0.95550	3428.5	3100.0	OPEN 79583 [MARCY T1 345] TO 75400 [COOPC345 345] CKT 1
							OPEN 75403 [FRASR345 345] TO 75400 [COOPC345 345] CKT 1
2968.3	INTERFACE CENTRAL EAST			0.92443	3311.9	3100.0	OPEN 75400 [COOPC345 345] TO 74001 [ROCK TAV 345] CKT 2
							OPEN 75400 [COOPC345 345] TO 79304 [N.M.TAP 345] CKT 1
							OPEN 79304 [N.M.TAP 345] TO 74001 [ROCK TAV 345] CKT 1
3009.3	INTERFACE TOTAL EAST			1.51819	6785.8	6500.0	SET BUS 71786 [SANDY PD 345] LOAD TO 0 MW DISPATCH
3009.3	INTERFACE TOTAL EAST			1.51819	6785.8	6500.0	OPEN 70509 [SB RCTOR 115] TO 70508 [SANDB115 115] CKT 2
							SET BUS 71786 [SANDY PD 345] LOAD TO 0 MW DISPATCH
3013.0	INTERFACE CENTRAL EAST			0.75107	3238.6	3100.0	SET BUS 71786 [SANDY PD 345] LOAD TO 0 MW DISPATCH
3013.0 *	INTERFACE CENTRAL EAST			0.75107	3238.6	3100.0	OPEN 70509 [SB RCTOR 115] TO 70508 [SANDB115 115] CKT 2
							SET BUS 71786 [SANDY PD 345] LOAD TO 0 MW DISPATCH
3133.7	INTERFACE TOTAL EAST			1.51819	6596.8	6500.0	OPEN 70509 [SB RCTOR 115] TO 70508 [SANDB115 115] CKT 2
							REMOVE MACHINE 1 FROM BUS 72869 [SBRK G1 25.0] DISPATCH
3133.7	INTERFACE TOTAL EAST			1.51819	6596.8	6500.0	REMOVE MACHINE 1 FROM BUS 72869 [SBRK G1 25.0] DISPATCH
3155.1 *	INTERFACE TOTAL EAST			1.51819	6564.4	6500.0	REMOVE MACHINE 3 FROM BUS 73563 [MILL#3 24.0] DISPATCH
3283.6	74344 PLTVLLEY 345	78701 LEEDS 3	345 2	-0.43674	-1686.4	1724.0	OPEN 78705 [ATHENS 345] TO 74344 [PLTVLLEY 345] CKT 1
3375.5	74344 PLTVLLEY 345	78705 ATHENS	345 1	-0.42476	-1648.4	1724.0	OPEN 78701 [LEEDS 3 345] TO 74344 [PLTVLLEY 345] CKT 2
3402.6	74344 PLTVLLEY 345	78701 LEEDS 3	345 2	-0.41876	-1638.1	1724.0	OPEN 78705 [ATHENS 345] TO 74344 [PLTVLLEY 345] CKT 1
							OPEN 74344 [PLTVLLEY 345] TO 74341 [MILLWOOD 345] CKT 1
3406.2	74344 PLTVLLEY 345	78701 LEEDS 3	345 2	-0.41921	-1636.5	1724.0	OPEN 78705 [ATHENS 345] TO 74344 [PLTVLLEY 345] CKT 1
							OPEN 74344 [PLTVLLEY 345] TO 74356 [WOOD B 345] CKT 1
3501.1	74344 PLTVLLEY 345	78705 ATHENS	345 1	-0.40780	-1600.2	1724.0	OPEN 78701 [LEEDS 3 345] TO 74344 [PLTVLLEY 345] CKT 2
							OPEN 74344 [PLTVLLEY 345] TO 74356 [WOOD B 345] CKT 1
3585.0	74344 PLTVLLEY 345	78705 ATHENS	345 1	-0.39690	-1570.2	1724.0	OPEN 78701 [LEEDS 3 345] TO 74344 [PLTVLLEY 345] CKT 2
							OPEN 78702 [N.SCOT77 345] TO 78701 [LEEDS 3 345] CKT 1
3689.8	74344 PLTVLLEY 345	78701 LEEDS 3	345 2	-0.30677	-1180.0	1331.0	BASE CASE
3705.8 *	74344 PLTVLLEY 345	78701 LEEDS 3	345 2	-0.40971	-1515.7	1724.0	OPEN 79583 [MARCY T1 345] TO 75400 [COOPC345 345] CKT 1
							OPEN 75403 [FRASR345 345] TO 75400 [COOPC345 345] CKT 1
3860.3	74344 PLTVLLEY 345	78705 ATHENS	345 1	-0.29193	-1137.5	1331.0	BASE CASE

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*** TLTG TRANSFER LIMIT OUTPUT FOR INTERFACE CENT E+FGILB ***

TOTAL TRANS CAPAB	LIMITING ELEMENT FROM	LIMITING ELEMENT TO	CKT	DISTR. FACTOR	PRE-SHIFT MW	RATING BAS/CNT A/C	CONTINGENCY DESCRIPTION
3882.2	*74344 PLTVLLEY 345	78705 ATHENS 345	1	-0.38990	-1457.0	1724.0	OPEN 79583 [MARCY T1 345] TO 75400 [COOPC345 345] CKT 1
							OPEN 75403 [FRASR345 345] TO 75400 [COOPC345 345] CKT 1
4017.5	79303 SMAHWAH2 345	5028 WALDWICK 345	1	0.05575	543.3	589.0	OPEN 74347 [RAMAPO 345] TO 74340 [LADENTWN 345] CKT 1
							OPEN 74347 [RAMAPO 345] TO 74312 [BUCH N 345] CKT 1
							OPEN 74410 [BUCHNTA5 138] TO 74312 [BUCH N 345] CKT 1
4019.1	75403 FRASR345 345	75405 OAKDL345 345	1	-0.41069	-1042.6	1380.0	OPEN 78450 [EDIC 345] TO 75403 [FRASR345 345] CKT 1
							OPEN 79583 [MARCY T1 345] TO 75400 [COOPC345 345] CKT 1
4026.8	75400 COOPC345 345	75403 FRASR345 345	1	-0.29546	-962.0	1207.0	BASE CASE
4042.8	79304 N.M.TAP 345	79322 SHOEMTAP 138	1	0.10621	577.2	667.0	OPEN 74001 [ROCK TAV 345] TO 74347 [RAMAPO 345] CKT 1
							OPEN 74001 [ROCK TAV 345] TO 74046 [ROCK TV1 115] CKT 1
							OPEN 74046 [ROCK TV1 115] TO 74018 [SUGARLF 115] CKT 1
4084.5	78703 N.SCOT99 345	79583 MARCY T1 345	1	-0.41995	-1419.5	1792.0	OPEN 78702 [N.SCOT77 345] TO 78450 [EDIC 345] CKT 1
							OPEN 78450 [EDIC 345] TO 78460 [PORTER 2 230] CKT 1
							OPEN 78450 [EDIC 345] TO 78485 [PORTER 1 115] CKT 1
4108.2	78701 LEEDS 3 345	78703 N.SCOT99 345	2	-0.44846	-1315.6	1724.0	OPEN 78701 [LEEDS 3 345] TO 78702 [N.SCOT77 345] CKT 1
4150.1	78703 N.SCOT99 345	79583 MARCY T1 345	1	-0.41307	-1398.5	1792.0	OPEN 78450 [EDIC 345] TO 75403 [FRASR345 345] CKT 1
							OPEN 79583 [MARCY T1 345] TO 75400 [COOPC345 345] CKT 1
4235.4	75400 COOPC345 345	75403 FRASR345 345	1	-0.39581	-1292.2	1703.0	OPEN 78460 [PORTER 2 230] TO 78980 [ROTRDM.2 230] CKT 1
							OPEN 79583 [MARCY T1 345] TO 75400 [COOPC345 345] CKT 1
4249.8	75403 FRASR345 345	79581 GILB 345 345	1	0.44374	1057.0	1524.0	OPEN 75400 [COOPC345 345] TO 74001 [ROCK TAV 345] CKT 2
							OPEN 75400 [COOPC345 345] TO 79304 [N.M.TAP 345] CKT 1
							OPEN 79304 [N.M.TAP 345] TO 74001 [ROCK TAV 345] CKT 1
4254.9	78703 N.SCOT99 345	79583 MARCY T1 345	1	-0.41118	-1357.2	1792.0	OPEN 78450 [EDIC 345] TO 78702 [N.SCOT77 345] CKT 1
4264.9	75403 FRASR345 345	79581 GILB 345 345	1	0.43891	1055.5	1524.0	OPEN 79583 [MARCY T1 345] TO 75400 [COOPC345 345] CKT 1
							OPEN 75403 [FRASR345 345] TO 75400 [COOPC345 345] CKT 1
4266.9	79586 ADRON B2 230	79590 MOSES W 230	1	-0.04040	-396.8	440.0	OPEN 79578 [MASS 765 765] TO 79577 [MARCY765 765] CKT 1
4266.9	79585 ADRON B1 230	79590 MOSES W 230	1	-0.04040	-396.8	440.0	OPEN 79578 [MASS 765 765] TO 79577 [MARCY765 765] CKT 1
4280.2	75400 COOPC345 345	75403 FRASR345 345	1	-0.39222	-1278.4	1703.0	OPEN 79583 [MARCY T1 345] TO 75400 [COOPC345 345] CKT 1
4282.2	75400 COOPC345 345	75403 FRASR345 345	1	-0.39212	-1277.7	1703.0	OPEN 79590 [MOSES W 230] TO 79585 [ADRON B1 230] CKT 1
							OPEN 79583 [MARCY T1 345] TO 75400 [COOPC345 345] CKT 1
4288.6	*75400 COOPC345 345	75403 FRASR345 345	1	-0.39198	-1275.3	1703.0	OPEN 79577 [MARCY765 765] TO 79583 [MARCY T1 345] CKT 1
							OPEN 79583 [MARCY T1 345] TO 75400 [COOPC345 345] CKT 1
4333.1	78703 N.SCOT99 345	79583 MARCY T1 345	1	-0.40412	-1333.1	1792.0	OPEN 79580 [JA FITZP 345] TO 78450 [EDIC 345] CKT 1
							OPEN 78702 [N.SCOT77 345] TO 78450 [EDIC 345] CKT 1
4345.6	75400 COOPC345 345	79583 MARCY T1 345	1	-0.30567	-994.1	1345.0	OPEN 75403 [FRASR345 345] TO 75400 [COOPC345 345] CKT 1
							OPEN 75405 [OAKDL345 345] TO 75403 [FRASR345 345] CKT 1
4363.1	78450 EDIC 345	78702 N.SCOT77 345	1	0.39070	1268.6	1724.0	OPEN 79590 [MOSES W 230] TO 79586 [ADRON B2 230] CKT 1
							OPEN 79583 [MARCY T1 345] TO 78703 [N.SCOT99 345] CKT 1
4364.7	78450 EDIC 345	78702 N.SCOT77 345	1	0.39063	1268.1	1724.0	OPEN 78703 [N.SCOT99 345] TO 79583 [MARCY T1 345] CKT 1
4372.0	75400 COOPC345 345	79304 N.M.TAP 345	1	0.42072	1298.9	1793.0	OPEN 74001 [ROCK TAV 345] TO 75400 [COOPC345 345] CKT 2
							OPEN 75400 [COOPC345 345] TO 75440 [COOPC115 115] CKT 1
4377.6	75400 COOPC345 345	79583 MARCY T1 345	1	-0.30250	-988.0	1345.0	OPEN 75403 [FRASR345 345] TO 75400 [COOPC345 345] CKT 1
4379.9	75400 COOPC345 345	79583 MARCY T1 345	1	-0.30248	-987.4	1345.0	OPEN 75403 [FRASR345 345] TO 75400 [COOPC345 345] CKT 1
							OPEN 75400 [COOPC345 345] TO 75440 [COOPC115 115] CKT 1
4380.2	75400 COOPC345 345	79304 N.M.TAP 345	1	0.42040	1295.8	1793.0	OPEN 75400 [COOPC345 345] TO 74001 [ROCK TAV 345] CKT 2
4381.5	78450 EDIC 345	78702 N.SCOT77 345	1	0.39019	1262.0	1724.0	OPEN 79577 [MARCY765 765] TO 79583 [MARCY T1 345] CKT 2
							OPEN 78703 [N.SCOT99 345] TO 79583 [MARCY T1 345] CKT 1

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*** TLTG TRANSFER LIMIT OUTPUT FOR INTERFACE CE GROUP ***

<- INTERFACE 'CE GROUP ' DEFINITION ->

<----- FROM ----->	<------ TO ------>	CKT	DISTR. FACTOR	PRE-SHIFT MW
75512 W.WDB115 115	76210 W.WDBR6969.0	1	0.00483	26.9
75403 FRASR345 345	79581 GILB 345 345	1	0.16397	436.4
75400 COOPC345 345	74001 ROCK TAV 345	2	0.16248	729.4
75400 COOPC345 345	79304 N.M.TAP 345	1	0.17401	833.9
75447 E.SPR115 115	79136 INGHAM-E 115	1	0.00861	19.9
78450 EDIC 345	78702 N.SCOT77 345	1	0.18975	926.8
78460 PORTER 2 230	78980 ROTRDM.2 230	1	0.04514	268.3
78460 PORTER 2 230	78980 ROTRDM.2 230	2	0.04638	275.4
78478 INGMS-CD 115	79136 INGHAM-E 115	1	0.00000	118.9
79583 MARCY T1 345	78703 N.SCOT99 345	1	0.20484	1034.9
TOTALS FOR INTERFACE CE GROUP			1.00000	4670.8

TOTAL TRANS CAPAB	<---------- LIMITING ELEMENT ----------> <----- FROM ----->	<------ TO ------>	CKT	DISTR. FACTOR	PRE-SHIFT MW	RATING BAS/CNT A/C	<---------- CONTINGENCY DESCRIPTION ---------->
3091.2	79303 SMAHWAH2 345	5028 WALDWICK 345	1	0.02795	633.2	589.0	OPEN 74340 [LADENTWN 345] TO 74313 [BUCH S 345] CKT 1
							OPEN 74347 [RAMAPO 345] TO 74312 [BUCH N 345] CKT 1
							OPEN 74410 [BUCHNTA5 138] TO 74312 [BUCH N 345] CKT 1
3847.5	INTERFACE CENTRAL EAST			0.65735	3641.2	3100.0	OPEN 78450 [EDIC 345] TO 75403 [FRASR345 345] CKT 1
							OPEN 79583 [MARCY T1 345] TO 75400 [COOPC345 345] CKT 1
4148.8	INTERFACE CENTRAL EAST			0.62937	3428.5	3100.0	OPEN 79583 [MARCY T1 345] TO 75400 [COOPC345 345] CKT 1
							OPEN 75403 [FRASR345 345] TO 75400 [COOPC345 345] CKT 1
4322.8	INTERFACE CENTRAL EAST			0.60891	3311.9	3100.0	OPEN 75400 [COOPC345 345] TO 74001 [ROCK TAV 345] CKT 2
							OPEN 75400 [COOPC345 345] TO 79304 [N.M.TAP 345] CKT 1
							OPEN 79304 [N.M.TAP 345] TO 74001 [ROCK TAV 345] CKT 1
4385.0	INTERFACE TOTAL EAST			1.00000	6785.8	6500.0	SET BUS 71786 [SANDY PD 345] LOAD TO 0 MW DISPATCH
4385.0	INTERFACE TOTAL EAST			1.00000	6785.8	6500.0	OPEN 70509 [SB RCTOR 115] TO 70508 [SANDB115 115] CKT 2
							SET BUS 71786 [SANDY PD 345] LOAD TO 0 MW DISPATCH
4390.5	INTERFACE CENTRAL EAST			0.49471	3238.6	3100.0	SET BUS 71786 [SANDY PD 345] LOAD TO 0 MW DISPATCH
4390.6 *	INTERFACE CENTRAL EAST			0.49471	3238.6	3100.0	OPEN 70509 [SB RCTOR 115] TO 70508 [SANDB115 115] CKT 2
							SET BUS 71786 [SANDY PD 345] LOAD TO 0 MW DISPATCH
4573.9	INTERFACE TOTAL EAST			1.00000	6596.8	6500.0	OPEN 70509 [SB RCTOR 115] TO 70508 [SANDB115 115] CKT 2
							REMOVE MACHINE 1 FROM BUS 72869 [SBRK G1 25.0] DISPATCH
4573.9	INTERFACE TOTAL EAST			1.00000	6596.8	6500.0	REMOVE MACHINE 1 FROM BUS 72869 [SBRK G1 25.0] DISPATCH
4606.3 *	INTERFACE TOTAL EAST			1.00000	6564.4	6500.0	REMOVE MACHINE 3 FROM BUS 73563 [MILL#3 24.0] DISPATCH
4801.5	74344 PLTVLLEY 345	78701 LEEDS 3 345	2	-0.28767	-1686.4	1724.0	OPEN 78705 [ATHENS 345] TO 74344 [PLTVLLEY 345] CKT 1
4940.9	74344 PLTVLLEY 345	78705 ATHENS 345	1	-0.27978	-1648.4	1724.0	OPEN 78701 [LEEDS 3 345] TO 74344 [PLTVLLEY 345] CKT 2
4982.1	74344 PLTVLLEY 345	78701 LEEDS 3 345	2	-0.27583	-1638.1	1724.0	OPEN 78705 [ATHENS 345] TO 74344 [PLTVLLEY 345] CKT 1
							OPEN 74344 [PLTVLLEY 345] TO 74341 [MILLWOOD 345] CKT 1
4987.6	74344 PLTVLLEY 345	78701 LEEDS 3 345	2	-0.27612	-1636.5	1724.0	OPEN 78705 [ATHENS 345] TO 74344 [PLTVLLEY 345] CKT 1
							OPEN 74344 [PLTVLLEY 345] TO 74356 [WOOD B 345] CKT 1
5131.7	74344 PLTVLLEY 345	78705 ATHENS 345	1	-0.26861	-1600.2	1724.0	OPEN 78701 [LEEDS 3 345] TO 74344 [PLTVLLEY 345] CKT 2
							OPEN 74344 [PLTVLLEY 345] TO 74356 [WOOD B 345] CKT 1
5259.1	74344 PLTVLLEY 345	78705 ATHENS 345	1	-0.26143	-1570.2	1724.0	OPEN 78701 [LEEDS 3 345] TO 74344 [PLTVLLEY 345] CKT 2
							OPEN 78702 [N.SCOT77 345] TO 78701 [LEEDS 3 345] CKT 1
5418.1	74344 PLTVLLEY 345	78701 LEEDS 3 345	2	-0.20206	-1180.0	1331.0	BASE CASE
5442.5 *	74344 PLTVLLEY 345	78701 LEEDS 3 345	2	-0.26987	-1515.7	1724.0	OPEN 79583 [MARCY T1 345] TO 75400 [COOPC345 345] CKT 1
							OPEN 75403 [FRASR345 345] TO 75400 [COOPC345 345] CKT 1

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*** TLTG TRANSFER LIMIT OUTPUT FOR INTERFACE CE GROUP ***

TOTAL TRANS CAPAB	LIMITING ELEMENT FROM	LIMITING ELEMENT TO	CKT	DISTR. FACTOR	PRE-SHIFT MW	RATING BAS/CNT A/C	CONTINGENCY DESCRIPTION
5677.0	74344 PLTVLLEY 345	78705 ATHENS 345	1	-0.19229	-1137.5	1331.0	BASE CASE
5710.3	*74344 PLTVLLEY 345	78705 ATHENS 345	1	-0.25682	-1457.0	1724.0	OPEN 79583 [MARCY T1 345] TO 75400 [COOPC345 345] CKT 1
							OPEN 75403 [FRASR345 345] TO 75400 [COOPC345 345] CKT 1
5915.7	79303 SMAHWAH2 345	5028 WALDWICK 345	1	0.03672	543.3	589.0	OPEN 74347 [RAMAPO 345] TO 74340 [LADENTWN 345] CKT 1
							OPEN 74347 [RAMAPO 345] TO 74312 [BUCH N 345] CKT 1
							OPEN 74410 [BUCHNTA5 138] TO 74312 [BUCH N 345] CKT 1
5918.1	75403 FRASR345 345	75405 OAKDL345 345	1	-0.27051	-1042.6	1380.0	OPEN 78450 [EDIC 345] TO 75403 [FRASR345 345] CKT 1
							OPEN 79583 [MARCY T1 345] TO 75400 [COOPC345 345] CKT 1
5929.7	75400 COOPC345 345	75403 FRASR345 345	1	-0.19461	-962.0	1207.0	BASE CASE
5954.1	79304 N.M.TAP 345	79322 SHOEMTAP 138	1	0.06996	577.2	667.0	OPEN 74001 [ROCK TAV 345] TO 74347 [RAMAPO 345] CKT 1
							OPEN 74001 [ROCK TAV 345] TO 74046 [ROCK TV1 115] CKT 1
							OPEN 74046 [ROCK TV1 115] TO 74018 [SUGARLF 115] CKT 1
6017.4	78703 N.SCOT99 345	79583 MARCY T1 345	1	-0.27661	-1419.5	1792.0	OPEN 78702 [N.SCOT77 345] TO 78450 [EDIC 345] CKT 1
							OPEN 78450 [EDIC 345] TO 78460 [PORTER 2 230] CKT 1
							OPEN 78450 [EDIC 345] TO 78485 [PORTER 1 115] CKT 1
6053.4	78701 LEEDS 3 345	78703 N.SCOT99 345	2	-0.29540	-1315.6	1724.0	OPEN 78701 [LEEDS 3 345] TO 78702 [N.SCOT77 345] CKT 1
6117.0	78703 N.SCOT99 345	79583 MARCY T1 345	1	-0.27208	-1398.5	1792.0	OPEN 78450 [EDIC 345] TO 75403 [FRASR345 345] CKT 1
							OPEN 79583 [MARCY T1 345] TO 75400 [COOPC345 345] CKT 1
6246.4	75400 COOPC345 345	75403 FRASR345 345	1	-0.26071	-1292.2	1703.0	OPEN 78460 [PORTER 2 230] TO 78980 [ROTRDM.2 230] CKT 1
							OPEN 79583 [MARCY T1 345] TO 75400 [COOPC345 345] CKT 1
6268.4	75403 FRASR345 345	79581 GILB 345 345	1	0.29228	1057.0	1524.0	OPEN 75400 [COOPC345 345] TO 74001 [ROCK TAV 345] CKT 2
							OPEN 75400 [COOPC345 345] TO 79304 [N.M.TAP 345] CKT 1
							OPEN 79304 [N.M.TAP 345] TO 74001 [ROCK TAV 345] CKT 1
6276.0	78703 N.SCOT99 345	79583 MARCY T1 345	1	-0.27084	-1357.2	1792.0	OPEN 78450 [EDIC 345] TO 78702 [N.SCOT77 345] CKT 1
6291.2	75403 FRASR345 345	79581 GILB 345 345	1	0.28910	1055.5	1524.0	OPEN 79583 [MARCY T1 345] TO 75400 [COOPC345 345] CKT 1
							OPEN 75403 [FRASR345 345] TO 75400 [COOPC345 345] CKT 1
6294.3	79586 ADRON B2 230	79590 MOSES W 230	1	-0.02661	-396.8	440.0	OPEN 79578 [MASS 765 765] TO 79577 [MARCY765 765] CKT 1
6294.3	79585 ADRON B1 230	79590 MOSES W 230	1	-0.02661	-396.8	440.0	OPEN 79578 [MASS 765 765] TO 79577 [MARCY765 765] CKT 1
6314.4	75400 COOPC345 345	75403 FRASR345 345	1	-0.25835	-1278.4	1703.0	OPEN 79583 [MARCY T1 345] TO 75400 [COOPC345 345] CKT 1
6317.5	75400 COOPC345 345	75403 FRASR345 345	1	-0.25828	-1277.7	1703.0	OPEN 79590 [MOSES W 230] TO 79585 [ADRON B1 230] CKT 1
							OPEN 79583 [MARCY T1 345] TO 75400 [COOPC345 345] CKT 1
6327.3	*75400 COOPC345 345	75403 FRASR345 345	1	-0.25819	-1275.3	1703.0	OPEN 79577 [MARCY765 765] TO 79583 [MARCY T1 345] CKT 1
							OPEN 79583 [MARCY T1 345] TO 75400 [COOPC345 345] CKT 1
6394.8	78703 N.SCOT99 345	79583 MARCY T1 345	1	-0.26619	-1333.1	1792.0	OPEN 79580 [JA FITZP 345] TO 78450 [EDIC 345] CKT 1
							OPEN 78702 [N.SCOT77 345] TO 78450 [EDIC 345] CKT 1
6413.7	75400 COOPC345 345	79583 MARCY T1 345	1	-0.20134	-994.1	1345.0	OPEN 75403 [FRASR345 345] TO 75400 [COOPC345 345] CKT 1
							OPEN 75405 [OAKDL345 345] TO 75403 [FRASR345 345] CKT 1
6440.3	78450 EDIC 345	78702 N.SCOT77 345	1	0.25735	1268.6	1724.0	OPEN 79590 [MOSES W 230] TO 79586 [ADRON B2 230] CKT 1
							OPEN 79583 [MARCY T1 345] TO 78703 [N.SCOT99 345] CKT 1
6442.8	78450 EDIC 345	78702 N.SCOT77 345	1	0.25730	1268.1	1724.0	OPEN 78703 [N.SCOT99 345] TO 79583 [MARCY T1 345] CKT 1
6453.8	75400 COOPC345 345	79304 N.M.TAP 345	1	0.27712	1298.9	1793.0	OPEN 74001 [ROCK TAV 345] TO 75400 [COOPC345 345] CKT 2
							OPEN 75400 [COOPC345 345] TO 75440 [COOPC115 115] CKT 1
6462.4	75400 COOPC345 345	79583 MARCY T1 345	1	-0.19925	-988.0	1345.0	OPEN 75403 [FRASR345 345] TO 75400 [COOPC345 345] CKT 1
6465.8	75400 COOPC345 345	79583 MARCY T1 345	1	-0.19924	-987.4	1345.0	OPEN 75403 [FRASR345 345] TO 75400 [COOPC345 345] CKT 1
							OPEN 75400 [COOPC345 345] TO 75440 [COOPC115 115] CKT 1
6466.3	75400 COOPC345 345	79304 N.M.TAP 345	1	0.27691	1295.8	1793.0	OPEN 75400 [COOPC345 345] TO 74001 [ROCK TAV 345] CKT 2
6468.3	78450 EDIC 345	78702 N.SCOT77 345	1	0.25701	1262.0	1724.0	OPEN 79577 [MARCY765 765] TO 79583 [MARCY T1 345] CKT 2
							OPEN 78703 [N.SCOT99 345] TO 79583 [MARCY T1 345] CKT 1

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*** TLTG EXPORT LIMIT OUTPUT FOR BASE CASE ***

DISTRIBUTION FACTOR FILE: C:\NYISO\CRPP4\uc.dfx
SUBSYSTEM DESCRIPTION FILE: C:\NYISO\CRPP\sysuc.sub
MONITORED ELEMENT FILE: C:\NYISO\CRPP\monuc.mon
CONTINGENCY DESCRIPTION FILE: C:\NYISO\CRPP\contuc.con

	PRE-SHIFT	DELTA	POST-SHIFT
STUDY SYSTEM MW GENERATION:	717.4	1000.0	1717.4
OPPOSING SYSTEM MW GENERATION:	2982.5	-1000.0	1982.5
STUDY SYSTEM NET INTERCHANGE:	700.1	1000.0	1700.1

STUDY SYSTEM					OPPOSING SYSTEM				
		GENERATOR MW					GENERATOR MW		
BUS	BUS NAME	BASE	SHIFT	CHANGE	BUS	BUS NAME	BASE	SHIFT	CHANGE
80900	LAKEVWG518.0	211.9	545.2	333.3	74302	ER G7	13.2	166.0	96.0	-70.0
81422	LENNOXG220.0	505.5	1172.2	666.7	74702	RAV 3	22.0	972.0	672.0	-300.0
					74705	AST 4	20.0	718.5	518.5	-200.0
					74706	AST 5	20.0	361.0	261.0	-100.0
					74707	RAV 1	20.0	385.0	235.0	-150.0
					74907	NRTPTG2	22.0	380.0	200.0	-180.0

INSOLUBLE CASE: UNABLE TO RELIEVE PRE-SHIFT SOLUTION OVERLOADS
WITHOUT CAUSING ADDITIONAL OVERLOADING

LOADINGS AT OR ABOVE 100.0 % OF RATING ARE MARKED WITH '*'

FROM			TO			CKT	TOTAL TRANS CAPAB	BASE CASE RATING A	BASE CASE PRE-SHIFT MW	BASE CASE POST-SHIFT MW	LIMIT CASE MW	DISTR. FACTOR
74344	PLTVLLEY	345	78701	LEEDS 3	345	2	1446.4	1331	-1180.	-1382.*	-1331.*	-0.20235
74344	PLTVLLEY	345	78705	ATHENS	345	1	1704.9	1331	-1138.	-1330.	-1281.	-0.19256
74316	DUNWODIE	345	75000	SHORE RD	345	1	1715.3	687	505.3	684.3	638.9	0.17902
74403	ASTORIAW	138	74496	HG 5	138	1	1920.1	177	-9.6	143.3	104.5	0.15297
74403	ASTORIAW	138	74497	HG 6	138	1	1971.8	177	-7.4	137.6	100.8	0.14500
74651	REAC72	345	74691	S. BRONX	345	4	2141.7	715	411.2	621.9	568.5	0.21071
74650	REAC71	345	74691	S. BRONX	345	3	2141.7	715	411.2	621.9	568.5	0.21071
74316	DUNWODIE	345	74651	REAC72	345	SR	2141.7	715	411.2	621.9	568.5	0.21071
74316	DUNWODIE	345	74650	REAC71	345	SR	2141.7	715	411.2	621.9	568.5	0.21071
74348	SPRBROOK	345	74567	REACM51	345	SR	2398.6	774	435.1	634.6	584.0	0.19955
74348	SPRBROOK	345	74568	REACM52	345	SR	2398.6	774	435.1	634.6	584.0	0.19955
74354	W 49 ST	345	74568	REACM52	345	2	2407.1	774	-433.4	-632.9	-582.3	-0.19955
74354	W 49 ST	345	74567	REACM51	345	1	2407.1	774	-433.4	-632.9	-582.3	-0.19955
74435	E179 ST	138	74497	HG 6	138	1	2441.8	222	301.0*	0.7	76.9	-0.30026
	INTERFACE F TO G						2664.3	4527	3393.9	3970.8	3824.4	0.57688
74345	RAINEY	345	74612	8W DUM	138	8	2688.3	240	-204.7	19.0	-37.8	0.22368
74002	ROSETON	345	74331	FISHKILL	345	1	2722.4	1935	1530.0	1730.3	1679.5	0.20025
74345	RAINEY	345	74691	S. BRONX	345	3	2841.1	715	-263.9	-474.6	-421.1	-0.21071
74345	RAINEY	345	74691	S. BRONX	345	4	2841.1	715	-263.9	-474.6	-421.1	-0.21071
74345	RAINEY	345	74611	8E DUM	138	8	3098.5	271	-272.5*	-45.9	-103.4	0.22661

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*** TLTG TRANSFER LIMIT OUTPUT FOR INTERFACE F TO G ***

<- INTERFACE 'F TO G ' DEFINITION ->

<----- FROM ----->	<------ TO ------>	CKT	DISTR. FACTOR	PRE-SHIFT MW
78742 BLUES-8 115	74043 PL.VAL 1 115	1	0.02169	65.8
78739 BL STR E 115	74043 PL.VAL 1 115	1	0.02538	57.4
78730 ADM 115	74043 PL.VAL 1 115	1	0.02251	55.6
78757 BOC 2T 115	74040 N.CAT. 1 115	2	0.02004	103.8
78701 LEEDS 3 345	74000 HURLEY 3 345	1	0.22582	793.8
78705 ATHENS 345	74344 PLTVLLEY 345	1	0.33380	1137.5
78701 LEEDS 3 345	74344 PLTVLLEY 345	2	0.35076	1180.0
TOTALS FOR INTERFACE F TO G			1.00000	3393.9

TOTAL TRANS CAPAB	<---------- LIMITING ELEMENT ----------> <----- FROM ----->	<------ TO ------>	CKT	DISTR. FACTOR	PRE-SHIFT MW	RATING BAS/CNT A/C	<---------- CONTINGENCY DESCRIPTION ---------->
845.5	79319 RAMP138 138	79361 TALLMAN 138	1	0.04126	409.6	304.4	OPEN 74347 [RAMAPO 345] TO 74340 [LADENTWN 345] CKT 1
							OPEN 74340 [LADENTWN 345] TO 79300 [WHAV345 345] CKT 1
							OPEN 79300 [WHAV345 345] TO 74310 [BOWLINE1 345] CKT 10
							OPEN 79300 [WHAV345 345] TO 79325 [WHAV138 138] CKT 1
							OPEN 79391 [BOW1 20.0] TO 74310 [BOWLINE1 345] CKT 1
							REDUCE BUS 79391 [BOW1 20.0] GENERATION BY 100 PERCENT DISPATCH
2017.3	74018 SUGARLF 115	74046 ROCK TV1 115	1	-0.03612	-267.7	218.0	OPEN 79304 [N.M.TAP 345] TO 79322 [SHOEMTAP 138] CKT 1
2017.3	74018 SUGARLF 115	74046 ROCK TV1 115	1	-0.03612	-267.7	218.0	OPEN 79321 [SHOEM138 138] TO 79322 [SHOEMTAP 138] CKT 1
2038.2	74018 SUGARLF 115	79359 SGRLF69 69.0	1	0.03612	267.0	218.0	OPEN 79304 [N.M.TAP 345] TO 79322 [SHOEMTAP 138] CKT 1
2038.2	74018 SUGARLF 115	79359 SGRLF69 69.0	1	0.03612	267.0	218.0	OPEN 79321 [SHOEM138 138] TO 79322 [SHOEMTAP 138] CKT 1
2282.7	74018 SUGARLF 115	74046 ROCK TV1 115	1	-0.03682	-258.9	218.0	OPEN 79304 [N.M.TAP 345] TO 75400 [COOPC345 345] CKT 1
							OPEN 74001 [ROCK TAV 345] TO 79304 [N.M.TAP 345] CKT 1
							OPEN 74002 [ROSETON 345] TO 74001 [ROCK TAV 345] CKT 1
2303.3	74018 SUGARLF 115	79359 SGRLF69 69.0	1	0.03683	258.2	218.0	OPEN 79304 [N.M.TAP 345] TO 75400 [COOPC345 345] CKT 1
							OPEN 74001 [ROCK TAV 345] TO 79304 [N.M.TAP 345] CKT 1
							OPEN 74002 [ROSETON 345] TO 74001 [ROCK TAV 345] CKT 1
2372.6	79313 MONSEY 138	79361 TALLMAN 138	1	-0.04127	-346.6	304.4	OPEN 74347 [RAMAPO 345] TO 74340 [LADENTWN 345] CKT 1
							OPEN 74340 [LADENTWN 345] TO 79300 [WHAV345 345] CKT 1
							OPEN 79300 [WHAV345 345] TO 74310 [BOWLINE1 345] CKT 10
							OPEN 79300 [WHAV345 345] TO 79325 [WHAV138 138] CKT 1
							OPEN 79391 [BOW1 20.0] TO 74310 [BOWLINE1 345] CKT 1
							REDUCE BUS 79391 [BOW1 20.0] GENERATION BY 100 PERCENT DISPATCH
2781.8	79303 SMAHWAH2 345	5028 WALDWICK 345	1	0.07213	633.2	589.0	OPEN 74340 [LADENTWN 345] TO 74313 [BUCH S 345] CKT 1
							OPEN 74347 [RAMAPO 345] TO 74312 [BUCH N 345] CKT 1
							OPEN 74410 [BUCHNTA5 138] TO 74312 [BUCH N 345] CKT 1
3062.7	74018 SUGARLF 115	74046 ROCK TV1 115	1	-0.04028	-231.3	218.0	OPEN 74001 [ROCK TAV 345] TO 74347 [RAMAPO 345] CKT 1
							OPEN 74347 [RAMAPO 345] TO 74312 [BUCH N 345] CKT 1
							OPEN 74410 [BUCHNTA5 138] TO 74312 [BUCH N 345] CKT 1
3081.5	74018 SUGARLF 115	79359 SGRLF69 69.0	1	0.04028	230.6	218.0	OPEN 74001 [ROCK TAV 345] TO 74347 [RAMAPO 345] CKT 1
							OPEN 74347 [RAMAPO 345] TO 74312 [BUCH N 345] CKT 1
							OPEN 74410 [BUCHNTA5 138] TO 74312 [BUCH N 345] CKT 1

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*** TLTG TRANSFER LIMIT OUTPUT FOR INTERFACE F TO G ***

TOTAL TRANS CAPAB	<---------- LIMITING ELEMENT ----------> FROM	TO	CKT	DISTR. FACTOR	PRE-SHIFT MW	RATING BAS/CNT A/C	<---------- CONTINGENCY DESCRIPTION ---------->
3247.3	79311 BURNS138 138	79313 MONSEY 138	1	-0.04126	-310.4	304.4	OPEN 74347 [RAMAPO 345] TO 74340 [LADENTWN 345] CKT 1
							OPEN 74340 [LADENTWN 345] TO 79300 [WHAV345 345] CKT 1
							OPEN 79300 [WHAV345 345] TO 74310 [BOWLINE1 345] CKT 10
							OPEN 79300 [WHAV345 345] TO 79325 [WHAV138 138] CKT 1
							OPEN 79391 [BOW1 20.0] TO 74310 [BOWLINE1 345] CKT 1
							REDUCE BUS 79391 [BOW1 20.0] GENERATION BY 100 PERCENT DISPATCH
3260.0	*74018 SUGARLF 115	74046 ROCK TV1 115	1	-0.04413	-223.9	218.0	OPEN 74001 [ROCK TAV 345] TO 74347 [RAMAPO 345] CKT 1
3277.1	*74018 SUGARLF 115	79359 SGRLF69 69.0	1	0.04413	223.2	218.0	OPEN 74001 [ROCK TAV 345] TO 74347 [RAMAPO 345] CKT 1
3469.2	74344 PLTVLLEY 345	78701 LEEDS 3 345	2	-0.49937	-1686.4	1724.0	OPEN 74344 [PLTVLLEY 345] TO 78705 [ATHENS 345] CKT 1
3549.5	74344 PLTVLLEY 345	78705 ATHENS 345	1	-0.48567	-1648.4	1724.0	OPEN 74344 [PLTVLLEY 345] TO 78701 [LEEDS 3 345] CKT 2
3573.2	74344 PLTVLLEY 345	78701 LEEDS 3 345	2	-0.47893	-1638.1	1724.0	OPEN 78705 [ATHENS 345] TO 74344 [PLTVLLEY 345] CKT 1
							OPEN 74344 [PLTVLLEY 345] TO 74341 [MILLWOOD 345] CKT 1
3576.3	74344 PLTVLLEY 345	78701 LEEDS 3 345	2	-0.47942	-1636.5	1724.0	OPEN 78705 [ATHENS 345] TO 74344 [PLTVLLEY 345] CKT 1
							OPEN 74344 [PLTVLLEY 345] TO 74356 [WOOD B 345] CKT 1
3659.3	74344 PLTVLLEY 345	78705 ATHENS 345	1	-0.46637	-1600.2	1724.0	OPEN 78701 [LEEDS 3 345] TO 74344 [PLTVLLEY 345] CKT 2
							OPEN 74344 [PLTVLLEY 345] TO 74356 [WOOD B 345] CKT 1
3668.8	79308 CHESTER 138	79321 SHOEM138 138	1	-0.09249	-279.0	304.4	OPEN 74001 [ROCK TAV 345] TO 74347 [RAMAPO 345] CKT 1
							OPEN 74001 [ROCK TAV 345] TO 74046 [ROCK TV1 115] CKT 1
							OPEN 74046 [ROCK TV1 115] TO 74018 [SUGARLF 115] CKT 1
3732.0	74344 PLTVLLEY 345	78705 ATHENS 345	1	-0.45489	-1570.2	1724.0	OPEN 78701 [LEEDS 3 345] TO 74344 [PLTVLLEY 345] CKT 2
							OPEN 78702 [N.SCOT77 345] TO 78701 [LEEDS 3 345] CKT 1
3824.4	74344 PLTVLLEY 345	78701 LEEDS 3 345	2	-0.35076	-1180.0	1331.0	BASE CASE
3837.3	*74344 PLTVLLEY 345	78701 LEEDS 3 345	2	-0.46968	-1515.7	1724.0	OPEN 79583 [MARCY T1 345] TO 75400 [COOPC345 345] CKT 1
							OPEN 75403 [FRASR345 345] TO 75400 [COOPC345 345] CKT 1
3973.5	74344 PLTVLLEY 345	78705 ATHENS 345	1	-0.33380	-1137.5	1331.0	BASE CASE
3979.6	74316 DUNWODIE 345	75000 SHORE RD 345	1	0.31032	505.3	687.0	BASE CASE
3991.2	*74344 PLTVLLEY 345	78705 ATHENS 345	1	-0.44697	-1457.0	1724.0	OPEN 79583 [MARCY T1 345] TO 75400 [COOPC345 345] CKT 1
							OPEN 75403 [FRASR345 345] TO 75400 [COOPC345 345] CKT 1
4073.6	79308 CHESTER 138	79323 SGRLF138 138	1	0.09249	241.5	304.4	OPEN 74001 [ROCK TAV 345] TO 74347 [RAMAPO 345] CKT 1
							OPEN 74001 [ROCK TAV 345] TO 74046 [ROCK TV1 115] CKT 1
							OPEN 74046 [ROCK TV1 115] TO 74018 [SUGARLF 115] CKT 1
4097.7	74403 ASTORIAW 138	74496 HG 5 138	1	0.26517	-9.6	177.0	BASE CASE
4100.4	79308 CHESTER 138	79321 SHOEM138 138	1	-0.08565	-243.9	304.4	OPEN 74001 [ROCK TAV 345] TO 74347 [RAMAPO 345] CKT 1
							OPEN 74001 [ROCK TAV 345] TO 74046 [ROCK TV1 115] CKT 1
4127.5	74403 ASTORIAW 138	74497 HG 6 138	1	0.25136	-7.4	177.0	BASE CASE
4137.4	79303 SMAHWAH2 345	5028 WALDWICK 345	1	0.06148	543.3	589.0	OPEN 74347 [RAMAPO 345] TO 74340 [LADENTWN 345] CKT 1
							OPEN 74347 [RAMAPO 345] TO 74312 [BUCH N 345] CKT 1
							OPEN 74410 [BUCHNTA5 138] TO 74312 [BUCH N 345] CKT 1
4164.7	79308 CHESTER 138	79321 SHOEM138 138	1	-0.07914	-243.4	304.4	OPEN 74001 [ROCK TAV 345] TO 74347 [RAMAPO 345] CKT 1
							OPEN 74347 [RAMAPO 345] TO 74312 [BUCH N 345] CKT 1
							OPEN 74410 [BUCHNTA5 138] TO 74312 [BUCH N 345] CKT 1
4170.6	79304 N.M.TAP 345	79322 SHOEMTAP 138	1	0.11559	577.2	667.0	OPEN 74001 [ROCK TAV 345] TO 74347 [RAMAPO 345] CKT 1
							OPEN 74001 [ROCK TAV 345] TO 74046 [ROCK TV1 115] CKT 1
							OPEN 74046 [ROCK TV1 115] TO 74018 [SUGARLF 115] CKT 1
4178.3	74345 RAINEY 345	74691 S. BRONX 345	3	-0.71741	-518.3	1081.0	OPEN 74345 [RAINEY 345] TO 74691 [S. BRONX 345] CKT 4
4178.3	74345 RAINEY 345	74691 S. BRONX 345	4	-0.71741	-518.3	1081.0	OPEN 74345 [RAINEY 345] TO 74691 [S. BRONX 345] CKT 3
4207.5	79308 CHESTER 138	79321 SHOEM138 138	1	-0.08516	-235.1	304.4	OPEN 74001 [ROCK TAV 345] TO 75400 [COOPC345 345] CKT 2
							OPEN 74001 [ROCK TAV 345] TO 74347 [RAMAPO 345] CKT 1

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*** TLTG TRANSFER LIMIT OUTPUT FOR INTERFACE UPNY-S OPEN ***

<- INTERFACE 'UPNY-S OPEN ' DEFINITION ->

<----- FROM ----->	<------ TO ------>	CKT	DISTR. FACTOR	PRE-SHIFT MW
2 BRANCHBG 500	74300 RAMAPO 5 500	1	0.00000	441.9
75400 COOPC345 345	79304 N.M.TAP 345	1	0.17551	833.9
75400 COOPC345 345	74001 ROCK TAV 345	2	0.16427	729.4
75512 W.WDB115 115	76210 W.WDBR6969.0	1	0.00506	26.9
78742 BLUES-8 115	74043 PL.VAL 1 115	1	0.01253	65.8
78739 BL STR E 115	74043 PL.VAL 1 115	1	0.01466	57.4
78730 ADM 115	74043 PL.VAL 1 115	1	0.01300	55.6
78757 BOC 2T 115	74040 N.CAT. 1 115	2	0.01158	103.8
78701 LEEDS 3 345	74000 HURLEY 3 345	1	0.13044	793.8
78705 ATHENS 345	74344 PLTVLLEY 345	1	0.19282	1137.5
78701 LEEDS 3 345	74344 PLTVLLEY 345	2	0.20262	1180.0
73117 CTNY398 345	74344 PLTVLLEY 345	1	0.07751	-259.7
TOTALS FOR INTERFACE UPNY-S OPEN			1.00000	5166.3

TOTAL TRANS CAPAB	<---------- LIMITING ELEMENT ----------> <----- FROM ----->	<------ TO ------>	CKT	DISTR. FACTOR	PRE-SHIFT MW	RATING BAS/CNT A/C	<---------- CONTINGENCY DESCRIPTION ---------->
754.6	79319 RAMP138 138	79361 TALLMAN 138	1	0.02384	409.6	304.4	OPEN 74347 [RAMAPO 345] TO 74340 [LADENTWN 345] CKT 1
							OPEN 74340 [LADENTWN 345] TO 79300 [WHAV345 345] CKT 1
							OPEN 79300 [WHAV345 345] TO 74310 [BOWLINE1 345] CKT 10
							OPEN 79300 [WHAV345 345] TO 79325 [WHAV138 138] CKT 1
							OPEN 79391 [BOW1 20.0] TO 74310 [BOWLINE1 345] CKT 1
							REDUCE BUS 79391 [BOW1 20.0] GENERATION BY 100 PERCENT DISPATCH
2783.2	74018 SUGARLF 115	74046 ROCK TV1 115	1	-0.02086	-267.7	218.0	OPEN 79304 [N.M.TAP 345] TO 79322 [SHOEMTAP 138] CKT 1
2783.2	74018 SUGARLF 115	74046 ROCK TV1 115	1	-0.02086	-267.7	218.0	OPEN 79321 [SHOEM138 138] TO 79322 [SHOEMTAP 138] CKT 1
2819.4	74018 SUGARLF 115	79359 SGRLF69 69.0	1	0.02086	267.0	218.0	OPEN 79304 [N.M.TAP 345] TO 79322 [SHOEMTAP 138] CKT 1
2819.4	74018 SUGARLF 115	79359 SGRLF69 69.0	1	0.02086	267.0	218.0	OPEN 79321 [SHOEM138 138] TO 79322 [SHOEMTAP 138] CKT 1
3242.6	74018 SUGARLF 115	74046 ROCK TV1 115	1	-0.02127	-258.9	218.0	OPEN 79304 [N.M.TAP 345] TO 75400 [COOPC345 345] CKT 1
							OPEN 74001 [ROCK TAV 345] TO 79304 [N.M.TAP 345] CKT 1
							OPEN 74002 [ROSETON 345] TO 74001 [ROCK TAV 345] CKT 1
3278.3	74018 SUGARLF 115	79359 SGRLF69 69.0	1	0.02127	258.2	218.0	OPEN 79304 [N.M.TAP 345] TO 75400 [COOPC345 345] CKT 1
							OPEN 74001 [ROCK TAV 345] TO 79304 [N.M.TAP 345] CKT 1
							OPEN 74002 [ROSETON 345] TO 74001 [ROCK TAV 345] CKT 1
3398.4	79313 MONSEY 138	79361 TALLMAN 138	1	-0.02384	-346.6	304.4	OPEN 74347 [RAMAPO 345] TO 74340 [LADENTWN 345] CKT 1
							OPEN 74340 [LADENTWN 345] TO 79300 [WHAV345 345] CKT 1
							OPEN 79300 [WHAV345 345] TO 74310 [BOWLINE1 345] CKT 10
							OPEN 79300 [WHAV345 345] TO 79325 [WHAV138 138] CKT 1
							OPEN 79391 [BOW1 20.0] TO 74310 [BOWLINE1 345] CKT 1
							REDUCE BUS 79391 [BOW1 20.0] GENERATION BY 100 PERCENT DISPATCH
4106.7	79303 SMAHWAH2 345	5028 WALDWICK 345	1	0.04167	633.2	589.0	OPEN 74340 [LADENTWN 345] TO 74313 [BUCH S 345] CKT 1
							OPEN 74347 [RAMAPO 345] TO 74312 [BUCH N 345] CKT 1
							OPEN 74410 [BUCHNTA5 138] TO 74312 [BUCH N 345] CKT 1
4593.0	74018 SUGARLF 115	74046 ROCK TV1 115	1	-0.02327	-231.3	218.0	OPEN 74001 [ROCK TAV 345] TO 74347 [RAMAPO 345] CKT 1
							OPEN 74347 [RAMAPO 345] TO 74312 [BUCH N 345] CKT 1
							OPEN 74410 [BUCHNTA5 138] TO 74312 [BUCH N 345] CKT 1
4625.5	74018 SUGARLF 115	79359 SGRLF69 69.0	1	0.02327	230.6	218.0	OPEN 74001 [ROCK TAV 345] TO 74347 [RAMAPO 345] CKT 1
							OPEN 74347 [RAMAPO 345] TO 74312 [BUCH N 345] CKT 1
							OPEN 74410 [BUCHNTA5 138] TO 74312 [BUCH N 345] CKT 1

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*** TLTG TRANSFER LIMIT OUTPUT FOR INTERFACE UPNY-S OPEN ***

TOTAL TRANS CAPAB	<---------- LIMITING ELEMENT ----------> FROM ----->	<------ TO ------>CKT	DISTR. FACTOR	PRE-SHIFT MW	RATING BAS/CNT A/C	<---------- CONTINGENCY DESCRIPTION ---------->
4912.6	79311 BURNS138 138	79313 MONSEY 138 1	-0.02384	-310.4	304.4	OPEN 74347 [RAMAPO 345] TO 74340 [LADENTWN 345] CKT 1
						OPEN 74340 [LADENTWN 345] TO 79300 [WHAV345 345] CKT 1
						OPEN 79300 [WHAV345 345] TO 74310 [BOWLINE1 345] CKT 10
						OPEN 79300 [WHAV345 345] TO 79325 [WHAV138 138] CKT 1
						OPEN 79391 [BOW1 20.0] TO 74310 [BOWLINE1 345] CKT 1
						REDUCE BUS 79391 [BOW1 20.0] GENERATION BY 100 PERCENT DISPATCH
4934.5	*74018 SUGARLF 115	74046 ROCK TV1 115 1	-0.02549	-223.9	218.0	OPEN 74001 [ROCK TAV 345] TO 74347 [RAMAPO 345] CKT 1
4964.2	*74018 SUGARLF 115	79359 SGRLF69 69.0 1	0.02549	223.2	218.0	OPEN 74001 [ROCK TAV 345] TO 74347 [RAMAPO 345] CKT 1
5296.7	74344 PLTVLLEY 345	78701 LEEDS 3 345 2	-0.28846	-1686.4	1724.0	OPEN 74344 [PLTVLLEY 345] TO 78705 [ATHENS 345] CKT 1
5435.7	74344 PLTVLLEY 345	78705 ATHENS 345 1	-0.28055	-1648.4	1724.0	OPEN 74344 [PLTVLLEY 345] TO 78701 [LEEDS 3 345] CKT 2
5476.8	74344 PLTVLLEY 345	78701 LEEDS 3 345 2	-0.27665	-1638.1	1724.0	OPEN 78705 [ATHENS 345] TO 74344 [PLTVLLEY 345] CKT 1
						OPEN 74344 [PLTVLLEY 345] TO 74341 [MILLWOOD 345] CKT 1
5482.2	74344 PLTVLLEY 345	78701 LEEDS 3 345 2	-0.27693	-1636.5	1724.0	OPEN 78705 [ATHENS 345] TO 74344 [PLTVLLEY 345] CKT 1
						OPEN 74344 [PLTVLLEY 345] TO 74356 [WOOD B 345] CKT 1
5625.9	74344 PLTVLLEY 345	78705 ATHENS 345 1	-0.26940	-1600.2	1724.0	OPEN 78701 [LEEDS 3 345] TO 74344 [PLTVLLEY 345] CKT 2
						OPEN 74344 [PLTVLLEY 345] TO 74356 [WOOD B 345] CKT 1
5642.2	79308 CHESTER 138	79321 SHOEM138 138 1	-0.05342	-279.0	304.4	OPEN 74001 [ROCK TAV 345] TO 74347 [RAMAPO 345] CKT 1
						OPEN 74001 [ROCK TAV 345] TO 74046 [ROCK TV1 115] CKT 1
						OPEN 74046 [ROCK TV1 115] TO 74018 [SUGARLF 115] CKT 1
5751.6	74344 PLTVLLEY 345	78705 ATHENS 345 1	-0.26277	-1570.2	1724.0	OPEN 78701 [LEEDS 3 345] TO 74344 [PLTVLLEY 345] CKT 2
						OPEN 78702 [N.SCOT77 345] TO 78701 [LEEDS 3 345] CKT 1
5911.7	74344 PLTVLLEY 345	78701 LEEDS 3 345 2	-0.20262	-1180.0	1331.0	BASE CASE
5933.9	*74344 PLTVLLEY 345	78701 LEEDS 3 345 2	-0.27131	-1515.7	1724.0	OPEN 79583 [MARCY T1 345] TO 75400 [COOPC345 345] CKT 1
						OPEN 75403 [FRASR345 345] TO 75400 [COOPC345 345] CKT 1
6169.8	74344 PLTVLLEY 345	78705 ATHENS 345 1	-0.19282	-1137.5	1331.0	BASE CASE
6180.2	74316 DUNWODIE 345	75000 SHORE RD 345 1	0.17925	505.3	687.0	BASE CASE
6200.3	*74344 PLTVLLEY 345	78705 ATHENS 345 1	-0.25819	-1457.0	1724.0	OPEN 79583 [MARCY T1 345] TO 75400 [COOPC345 345] CKT 1
						OPEN 75403 [FRASR345 345] TO 75400 [COOPC345 345] CKT 1
6343.0	79308 CHESTER 138	79323 SGRLF138 138 1	0.05342	241.5	304.4	OPEN 74001 [ROCK TAV 345] TO 74347 [RAMAPO 345] CKT 1
						OPEN 74001 [ROCK TAV 345] TO 74046 [ROCK TV1 115] CKT 1
						OPEN 74046 [ROCK TV1 115] TO 74018 [SUGARLF 115] CKT 1
6384.7	74403 ASTORIAW 138	74496 HG 5 138 1	0.15317	-9.6	177.0	BASE CASE
6389.5	79308 CHESTER 138	79321 SHOEM138 138 1	-0.04947	-243.9	304.4	OPEN 74001 [ROCK TAV 345] TO 74347 [RAMAPO 345] CKT 1
						OPEN 74001 [ROCK TAV 345] TO 74046 [ROCK TV1 115] CKT 1
6436.3	74403 ASTORIAW 138	74497 HG 6 138 1	0.14519	-7.4	177.0	BASE CASE
6453.4	79303 SMAHWAH2 345	5028 WALDWICK 345 1	0.03552	543.3	589.0	OPEN 74347 [RAMAPO 345] TO 74340 [LADENTWN 345] CKT 1
						OPEN 74347 [RAMAPO 345] TO 74312 [BUCH N 345] CKT 1
						OPEN 74410 [BUCHNTA5 138] TO 74312 [BUCH N 345] CKT 1
6500.8	79308 CHESTER 138	79321 SHOEM138 138 1	-0.04571	-243.4	304.4	OPEN 74001 [ROCK TAV 345] TO 74347 [RAMAPO 345] CKT 1
						OPEN 74347 [RAMAPO 345] TO 74312 [BUCH N 345] CKT 1
						OPEN 74410 [BUCHNTA5 138] TO 74312 [BUCH N 345] CKT 1
6511.0	79304 N.M.TAP 345	79322 SHOEMTAP 138 1	0.06677	577.2	667.0	OPEN 74001 [ROCK TAV 345] TO 74347 [RAMAPO 345] CKT 1
						OPEN 74001 [ROCK TAV 345] TO 74046 [ROCK TV1 115] CKT 1
						OPEN 74046 [ROCK TV1 115] TO 74018 [SUGARLF 115] CKT 1
6524.2	74345 RAINEY 345	74691 S. BRONX 345 3	-0.41441	-518.3	1081.0	OPEN 74345 [RAINEY 345] TO 74691 [S. BRONX 345] CKT 4
6524.2	74345 RAINEY 345	74691 S. BRONX 345 4	-0.41441	-518.3	1081.0	OPEN 74345 [RAINEY 345] TO 74691 [S. BRONX 345] CKT 3
6574.8	79308 CHESTER 138	79321 SHOEM138 138 1	-0.04919	-235.1	304.4	OPEN 74001 [ROCK TAV 345] TO 75400 [COOPC345 345] CKT 2
						OPEN 74001 [ROCK TAV 345] TO 74347 [RAMAPO 345] CKT 1

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*** TLTG TRANSFER LIMIT OUTPUT FOR INTERFACE UPNY-C OPEN ***

<- INTERFACE 'UPNY-C OPEN ' DEFINITION ->

<----- FROM ----->	<------ TO ------>	CKT	DISTR. FACTOR	PRE-SHIFT MW
74002 ROSETON 345	74331 FISHKILL 345	1	0.20033	1530.0
74026 FISHKILL 115	75762 SYLVN115 115	1	0.00963	120.9
74022 E FISH I 115	74331 FISHKILL 345	1	0.01838	-127.6
74340 LADENTWN 345	74313 BUCH S 345	1	0.13592	350.2
74344 PLTVLLEY 345	74331 FISHKILL 345	1	0.07768	207.8
74344 PLTVLLEY 345	74331 FISHKILL 345	2	0.07768	207.8
74344 PLTVLLEY 345	74341 MILLWOOD 345	1	0.17355	730.3
74344 PLTVLLEY 345	74356 WOOD B 345	1	0.17126	759.6
74347 RAMAPO 345	74312 BUCH N 345	1	0.13558	4.7
TOTALS FOR INTERFACE UPNY-C OPEN			1.00000	3783.8

TOTAL TRANS CAPAB	<---------- LIMITING ELEMENT ----------> <----- FROM ----->	<------ TO ------>	CKT	DISTR. FACTOR	PRE-SHIFT MW	RATING BAS/CNT A/C	<---------- CONTINGENCY DESCRIPTION ---------->
-632.0	79319 RAMP138 138	79361 TALLMAN 138	1	0.02381	409.6	304.4	OPEN 74347 [RAMAPO 345] TO 74340 [LADENTWN 345] CKT 1
							OPEN 74340 [LADENTWN 345] TO 79300 [WHAV345 345] CKT 1
							OPEN 79300 [WHAV345 345] TO 74310 [BOWLINE1 345] CKT 10
							OPEN 79300 [WHAV345 345] TO 79325 [WHAV138 138] CKT 1
							OPEN 79391 [BOW1 20.0] TO 74310 [BOWLINE1 345] CKT 1
							REDUCE BUS 79391 [BOW1 20.0] GENERATION BY 100 PERCENT DISPATCH
1398.4	74018 SUGARLF 115	74046 ROCK TV1 115	1	-0.02084	-267.7	218.0	OPEN 79304 [N.M.TAP 345] TO 79322 [SHOEMTAP 138] CKT 1
1398.4	74018 SUGARLF 115	74046 ROCK TV1 115	1	-0.02084	-267.7	218.0	OPEN 79321 [SHOEM138 138] TO 79322 [SHOEMTAP 138] CKT 1
1434.7	74018 SUGARLF 115	79359 SGRLF69 69.0	1	0.02084	267.0	218.0	OPEN 79304 [N.M.TAP 345] TO 79322 [SHOEMTAP 138] CKT 1
1434.7	74018 SUGARLF 115	79359 SGRLF69 69.0	1	0.02084	267.0	218.0	OPEN 79321 [SHOEM138 138] TO 79322 [SHOEMTAP 138] CKT 1
1858.3	74018 SUGARLF 115	74046 ROCK TV1 115	1	-0.02125	-258.9	218.0	OPEN 79304 [N.M.TAP 345] TO 75400 [COOPC345 345] CKT 1
							OPEN 74001 [ROCK TAV 345] TO 79304 [N.M.TAP 345] CKT 1
							OPEN 74002 [ROSETON 345] TO 74001 [ROCK TAV 345] CKT 1
1894.0	74018 SUGARLF 115	79359 SGRLF69 69.0	1	0.02125	258.2	218.0	OPEN 79304 [N.M.TAP 345] TO 75400 [COOPC345 345] CKT 1
							OPEN 74001 [ROCK TAV 345] TO 79304 [N.M.TAP 345] CKT 1
							OPEN 74002 [ROSETON 345] TO 74001 [ROCK TAV 345] CKT 1
2014.2	79313 MONSEY 138	79361 TALLMAN 138	1	-0.02382	-346.6	304.4	OPEN 74347 [RAMAPO 345] TO 74340 [LADENTWN 345] CKT 1
							OPEN 74340 [LADENTWN 345] TO 79300 [WHAV345 345] CKT 1
							OPEN 79300 [WHAV345 345] TO 74310 [BOWLINE1 345] CKT 10
							OPEN 79300 [WHAV345 345] TO 79325 [WHAV138 138] CKT 1
							OPEN 79391 [BOW1 20.0] TO 74310 [BOWLINE1 345] CKT 1
							REDUCE BUS 79391 [BOW1 20.0] GENERATION BY 100 PERCENT DISPATCH
2723.2	79303 SMAHWAH2 345	5028 WALDWICK 345	1	0.04163	633.2	589.0	OPEN 74340 [LADENTWN 345] TO 74313 [BUCH S 345] CKT 1
							OPEN 74347 [RAMAPO 345] TO 74312 [BUCH N 345] CKT 1
							OPEN 74410 [BUCHNTA5 138] TO 74312 [BUCH N 345] CKT 1
3210.0	74018 SUGARLF 115	74046 ROCK TV1 115	1	-0.02325	-231.3	218.0	OPEN 74001 [ROCK TAV 345] TO 74347 [RAMAPO 345] CKT 1
							OPEN 74347 [RAMAPO 345] TO 74312 [BUCH N 345] CKT 1
							OPEN 74410 [BUCHNTA5 138] TO 74312 [BUCH N 345] CKT 1
3242.5	74018 SUGARLF 115	79359 SGRLF69 69.0	1	0.02325	230.6	218.0	OPEN 74001 [ROCK TAV 345] TO 74347 [RAMAPO 345] CKT 1
							OPEN 74347 [RAMAPO 345] TO 74312 [BUCH N 345] CKT 1
							OPEN 74410 [BUCHNTA5 138] TO 74312 [BUCH N 345] CKT 1

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*** TLTG TRANSFER LIMIT OUTPUT FOR INTERFACE UPNY-C OPEN ***

TOTAL TRANS CAPAB	LIMITING ELEMENT FROM	LIMITING ELEMENT TO	CKT	DISTR. FACTOR	PRE-SHIFT MW	RATING BAS/CNT A/C	CONTINGENCY DESCRIPTION
3529.9	79311 BURNS138 138	79313 MONSEY 138 1		-0.02381	-310.4	304.4	OPEN 74347 [RAMAPO 345] TO 74340 [LADENTWN 345] CKT 1
							OPEN 74340 [LADENTWN 345] TO 79300 [WHAV345 345] CKT 1
							OPEN 79300 [WHAV345 345] TO 74310 [BOWLINE1 345] CKT 10
							OPEN 79300 [WHAV345 345] TO 79325 [WHAV138 138] CKT 1
							OPEN 79391 [BOW1 20.0] TO 74310 [BOWLINE1 345] CKT 1
							REDUCE BUS 79391 [BOW1 20.0] GENERATION BY 100 PERCENT DISPATCH
3551.8	*74018 SUGARLF 115	74046 ROCK TV1 115 1		-0.02547	-223.9	218.0	OPEN 74001 [ROCK TAV 345] TO 74347 [RAMAPO 345] CKT 1
3581.5	*74018 SUGARLF 115	79359 SGRLF69 69.0 1		0.02547	223.2	218.0	OPEN 74001 [ROCK TAV 345] TO 74347 [RAMAPO 345] CKT 1
3914.4	74344 PLTVLLEY 345	78701 LEEDS 3 345 2		-0.28818	-1686.4	1724.0	OPEN 74344 [PLTVLLEY 345] TO 78705 [ATHENS 345] CKT 1
4053.5	74344 PLTVLLEY 345	78705 ATHENS 345 1		-0.28028	-1648.4	1724.0	OPEN 74344 [PLTVLLEY 345] TO 78701 [LEEDS 3 345] CKT 2
4094.6	74344 PLTVLLEY 345	78701 LEEDS 3 345 2		-0.27639	-1638.1	1724.0	OPEN 78705 [ATHENS 345] TO 74344 [PLTVLLEY 345] CKT 1
							OPEN 74344 [PLTVLLEY 345] TO 74341 [MILLWOOD 345] CKT 1
4100.0	74344 PLTVLLEY 345	78701 LEEDS 3 345 2		-0.27667	-1636.5	1724.0	OPEN 78705 [ATHENS 345] TO 74344 [PLTVLLEY 345] CKT 1
							OPEN 74344 [PLTVLLEY 345] TO 74356 [WOOD B 345] CKT 1
4243.9	74344 PLTVLLEY 345	78705 ATHENS 345 1		-0.26914	-1600.2	1724.0	OPEN 78701 [LEEDS 3 345] TO 74344 [PLTVLLEY 345] CKT 2
							OPEN 74344 [PLTVLLEY 345] TO 74356 [WOOD B 345] CKT 1
4260.2	79308 CHESTER 138	79321 SHOEM138 138 1		-0.05337	-279.0	304.4	OPEN 74001 [ROCK TAV 345] TO 74347 [RAMAPO 345] CKT 1
							OPEN 74001 [ROCK TAV 345] TO 74046 [ROCK TV1 115] CKT 1
							OPEN 74046 [ROCK TV1 115] TO 74018 [SUGARLF 115] CKT 1
4369.7	74344 PLTVLLEY 345	78705 ATHENS 345 1		-0.26252	-1570.2	1724.0	OPEN 78701 [LEEDS 3 345] TO 74344 [PLTVLLEY 345] CKT 2
							OPEN 78702 [N.SCOT77 345] TO 78701 [LEEDS 3 345] CKT 1
4529.9	74344 PLTVLLEY 345	78701 LEEDS 3 345 2		-0.20242	-1180.0	1331.0	BASE CASE
4552.2	*74344 PLTVLLEY 345	78701 LEEDS 3 345 2		-0.27105	-1515.7	1724.0	OPEN 79583 [MARCY T1 345] TO 75400 [COOPC345 345] CKT 1
							OPEN 75403 [FRASR345 345] TO 75400 [COOPC345 345] CKT 1
4788.3	74344 PLTVLLEY 345	78705 ATHENS 345 1		-0.19263	-1137.5	1331.0	BASE CASE
4798.7	74316 DUNWODIE 345	75000 SHORE RD 345 1		0.17908	505.3	687.0	BASE CASE
4818.8	*74344 PLTVLLEY 345	78705 ATHENS 345 1		-0.25794	-1457.0	1724.0	OPEN 79583 [MARCY T1 345] TO 75400 [COOPC345 345] CKT 1
							OPEN 75403 [FRASR345 345] TO 75400 [COOPC345 345] CKT 1
4961.7	79308 CHESTER 138	79323 SGRLF138 138 1		0.05337	241.5	304.4	OPEN 74001 [ROCK TAV 345] TO 74347 [RAMAPO 345] CKT 1
							OPEN 74001 [ROCK TAV 345] TO 74046 [ROCK TV1 115] CKT 1
							OPEN 74046 [ROCK TV1 115] TO 74018 [SUGARLF 115] CKT 1
5003.4	74403 ASTORIAW 138	74496 HG 5 138 1		0.15303	-9.6	177.0	BASE CASE
5008.2	79308 CHESTER 138	79321 SHOEM138 138 1		-0.04943	-243.9	304.4	OPEN 74001 [ROCK TAV 345] TO 74347 [RAMAPO 345] CKT 1
							OPEN 74001 [ROCK TAV 345] TO 74046 [ROCK TV1 115] CKT 1
5055.1	74403 ASTORIAW 138	74497 HG 6 138 1		0.14506	-7.4	177.0	BASE CASE
5072.2	79303 SMAHWAH2 345	5028 WALDWICK 345 1		0.03548	543.3	589.0	OPEN 74347 [RAMAPO 345] TO 74340 [LADENTWN 345] CKT 1
							OPEN 74347 [RAMAPO 345] TO 74312 [BUCH N 345] CKT 1
							OPEN 74410 [BUCHNTA5 138] TO 74312 [BUCH N 345] CKT 1
5119.6	79308 CHESTER 138	79321 SHOEM138 138 1		-0.04567	-243.4	304.4	OPEN 74001 [ROCK TAV 345] TO 74347 [RAMAPO 345] CKT 1
							OPEN 74347 [RAMAPO 345] TO 74312 [BUCH N 345] CKT 1
							OPEN 74410 [BUCHNTA5 138] TO 74312 [BUCH N 345] CKT 1
5129.8	79304 N.M.TAP 345	79322 SHOEMTAP 138 1		0.06670	577.2	667.0	OPEN 74001 [ROCK TAV 345] TO 74347 [RAMAPO 345] CKT 1
							OPEN 74001 [ROCK TAV 345] TO 74046 [ROCK TV1 115] CKT 1
							OPEN 74046 [ROCK TV1 115] TO 74018 [SUGARLF 115] CKT 1
5143.0	74345 RAINEY 345	74691 S. BRONX 345 3		-0.41401	-518.3	1081.0	OPEN 74345 [RAINEY 345] TO 74691 [S. BRONX 345] CKT 4
5143.0	74345 RAINEY 345	74691 S. BRONX 345 4		-0.41401	-518.3	1081.0	OPEN 74345 [RAINEY 345] TO 74691 [S. BRONX 345] CKT 3
5193.7	79308 CHESTER 138	79321 SHOEM138 138 1		-0.04915	-235.1	304.4	OPEN 74001 [ROCK TAV 345] TO 75400 [COOPC345 345] CKT 2
							OPEN 74001 [ROCK TAV 345] TO 74347 [RAMAPO 345] CKT 1

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*** TLTG TRANSFER LIMIT OUTPUT FOR INTERFACE UPNY-C OPEN ***

TOTAL TRANS CAPAB	<---------- LIMITING ELEMENT ----------> FROM	TO	CKT	DISTR. FACTOR	PRE-SHIFT MW	RATING BAS/CNT A/C	<---------- CONTINGENCY DESCRIPTION ---------->
5224.9	74651 REAC72 345	74691 S. BRONX 345	4	0.21079	411.2	715.0	BASE CASE
5224.9	74650 REAC71 345	74691 S. BRONX 345	3	0.21079	411.2	715.0	BASE CASE
5224.9	74316 DUNWODIE 345	74650 REAC71 345	SR	0.21079	411.2	715.0	BASE CASE
5224.9	74316 DUNWODIE 345	74651 REAC72 345	SR	0.21079	411.2	715.0	BASE CASE
5251.5	*79308 CHESTER 138	79321 SHOEM138 138	1	-0.04867	-233.0	304.4	OPEN 74001 [ROCK TAV 345] TO 74347 [RAMAPO 345] CKT 1
5463.3	79319 RAMP138 138	79361 TALLMAN 138	1	0.06144	201.2	304.4	OPEN 74347 [RAMAPO 345] TO 74340 [LADENTWN 345] CKT 1
							OPEN 74347 [RAMAPO 345] TO 74312 [BUCH N 345] CKT 1
							OPEN 74410 [BUCHNTA5 138] TO 74312 [BUCH N 345] CKT 1
5474.3	74403 ASTORIAW 138	74496 HG 5 138	1	0.29389	-16.8	480.0	OPEN 74403 [ASTORIAW 138] TO 74497 [HG 6 138] CKT 1
5476.7	74403 ASTORIAW 138	74497 HG 6 138	1	0.29342	-16.7	480.0	OPEN 74403 [ASTORIAW 138] TO 74496 [HG 5 138] CKT 1
5481.8	74348 SPRBROOK 345	74567 REACM51 345	SR	0.19962	435.1	774.0	BASE CASE
5481.8	74348 SPRBROOK 345	74568 REACM52 345	SR	0.19962	435.1	774.0	BASE CASE
5490.3	74354 W 49 ST 345	74567 REACM51 345	1	-0.19962	-433.4	774.0	BASE CASE
5490.3	74354 W 49 ST 345	74568 REACM52 345	2	-0.19962	-433.4	774.0	BASE CASE
5524.9	74435 E179 ST 138	74497 HG 6 138	1	-0.30037	301.0	222.0	BASE CASE
5551.8	79304 N.M.TAP 345	75400 COOPC345 345	1	-0.27949	-1298.9	1793.0	OPEN 74001 [ROCK TAV 345] TO 75400 [COOPC345 345] CKT 2
							OPEN 75400 [COOPC345 345] TO 75440 [COOPC115 115] CKT 1
5564.2	79304 N.M.TAP 345	75400 COOPC345 345	1	-0.27927	-1295.8	1793.0	OPEN 74001 [ROCK TAV 345] TO 75400 [COOPC345 345] CKT 2
5573.2	INTERFACE F TO G			0.80807	4525.0	5971.0	OPEN 79583 [MARCY T1 345] TO 75400 [COOPC345 345] CKT 1
							OPEN 75403 [FRASR345 345] TO 75400 [COOPC345 345] CKT 1
5681.4	74001 ROCK TAV 345	75400 COOPC345 345	2	-0.26090	-1297.9	1793.0	OPEN 79304 [N.M.TAP 345] TO 75400 [COOPC345 345] CKT 1
							OPEN 74001 [ROCK TAV 345] TO 79304 [N.M.TAP 345] CKT 1
							OPEN 74002 [ROSETON 345] TO 74001 [ROCK TAV 345] CKT 1
5725.0	79321 SHOEM138 138	79322 SHOEMTAP 138	1	-0.06671	-577.2	706.7	OPEN 74001 [ROCK TAV 345] TO 74347 [RAMAPO 345] CKT 1
							OPEN 74001 [ROCK TAV 345] TO 74046 [ROCK TV1 115] CKT 1
							OPEN 74046 [ROCK TV1 115] TO 74018 [SUGARLF 115] CKT 1
5738.1	INTERFACE F TO G			0.79223	4422.8	5971.0	OPEN 75400 [COOPC345 345] TO 74001 [ROCK TAV 345] CKT 2
							OPEN 75400 [COOPC345 345] TO 79304 [N.M.TAP 345] CKT 1
							OPEN 79304 [N.M.TAP 345] TO 74001 [ROCK TAV 345] CKT 1
5747.4	INTERFACE F TO G			0.57710	3393.9	4527.0	BASE CASE
5751.7	74345 RAINEY 345	74612 8W DUM 138	8	0.29972	-276.8	313.0	OPEN 74530 [RAINEY8E 138] TO 74611 [8E DUM 138] CKT 1
5752.2	74345 RAINEY 345	74612 8W DUM 138	8	0.29972	-276.9	313.0	OPEN 74530 [RAINEY8E 138] TO 74556 [VERNON-E 138] CKT 1
5754.5	74001 ROCK TAV 345	74347 RAMAPO 345	1	0.30899	1560.1	2169.0	OPEN 74331 [FISHKILL 345] TO 74022 [E FISH I 115] CKT 1
							OPEN 74331 [FISHKILL 345] TO 74002 [ROSETON 345] CKT 1
5760.3	74001 ROCK TAV 345	75400 COOPC345 345	2	-0.27200	-1255.4	1793.0	OPEN 79304 [N.M.TAP 345] TO 75400 [COOPC345 345] CKT 1
							OPEN 79304 [N.M.TAP 345] TO 74001 [ROCK TAV 345] CKT 1
							OPEN 75400 [COOPC345 345] TO 75440 [COOPC115 115] CKT 2
5760.6	74001 ROCK TAV 345	75400 COOPC345 345	2	-0.27200	-1255.3	1793.0	OPEN 79304 [N.M.TAP 345] TO 75400 [COOPC345 345] CKT 1
							OPEN 79304 [N.M.TAP 345] TO 74001 [ROCK TAV 345] CKT 1
							OPEN 75400 [COOPC345 345] TO 75440 [COOPC115 115] CKT 1
5761.9	79302 SMAHWAH1 345	5028 WALDWICK 345	1	0.04598	511.1	602.0	OPEN 74340 [LADENTWN 345] TO 74313 [BUCH S 345] CKT 1
							OPEN 74347 [RAMAPO 345] TO 74312 [BUCH N 345] CKT 1
							OPEN 74410 [BUCHNTA5 138] TO 74312 [BUCH N 345] CKT 1
5765.8	79308 CHESTER 138	79323 SGRLF138 138	1	0.04943	206.4	304.4	OPEN 74001 [ROCK TAV 345] TO 74347 [RAMAPO 345] CKT 1
							OPEN 74001 [ROCK TAV 345] TO 74046 [ROCK TV1 115] CKT 1
5771.3	74345 RAINEY 345	74612 8W DUM 138	8	0.22377	-204.7	240.0	BASE CASE
5773.9	74001 ROCK TAV 345	74347 RAMAPO 345	1	0.30369	1564.6	2169.0	OPEN 74002 [ROSETON 345] TO 74331 [FISHKILL 345] CKT 1
5781.0	74001 ROCK TAV 345	75400 COOPC345 345	2	-0.27308	-1247.6	1793.0	OPEN 79304 [N.M.TAP 345] TO 75400 [COOPC345 345] CKT 1

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*** TLTG TRANSFER LIMIT OUTPUT FOR INTERFACE MILLSCLOSE ***

<- INTERFACE 'MILLSCLOSE ' DEFINITION ->

<----- FROM ----->	<------ TO ------>	CKT	DISTR. FACTOR	PRE-SHIFT MW
74312 BUCH N 345	74317 E VIEW1 345	1	0.13287	933.9
74331 FISHKILL 345	74342 PL VILLE 345	1	0.18770	854.3
74341 MILLWOOD 345	74318 E VIEW2 345	1	0.16988	884.8
74341 MILLWOOD 345	74319 E VIEW3 345	1	0.16059	841.5
74341 MILLWOOD 345	74320 E VIEW4 345	1	0.16059	841.5
74355 WOOD A 345	74343 PL VILLW 345	1	0.18836	805.2
4989 HUDSON1 345	74328 FARRGUT1 345	1	0.00000	401.2
5039 HUDSON2 345	74329 FARRGUT2 345	1	0.00000	399.6
4996 LINDEN 230	74371 GOETHALS 230	1	0.00000	221.9
73166 NORHR138 138	75053 NRTHPT P 138	1	0.00000	99.7
75078 SHMHVDCL 192	75062 SHOREHAM 138	1	0.00000	329.5
TOTALS FOR INTERFACE MILLSCLOSE			1.00000	6613.3

TOTAL TRANS CAPAB	<----- FROM ----->	<------ TO ------>	CKT	DISTR. FACTOR	PRE-SHIFT MW	RATING BAS/CNT A/C	<---------- CONTINGENCY DESCRIPTION ---------->
2197.5	79319 RAMP138 138	79361 TALLMAN 138	1	0.02381	409.6	304.4	OPEN 74347 [RAMAPO 345] TO 74340 [LADENTWN 345] CKT 1
							OPEN 74340 [LADENTWN 345] TO 79300 [WHAV345 345] CKT 1
							OPEN 79300 [WHAV345 345] TO 74310 [BOWLINE1 345] CKT 10
							OPEN 79300 [WHAV345 345] TO 79325 [WHAV138 138] CKT 1
							OPEN 79391 [BOW1 20.0] TO 74310 [BOWLINE1 345] CKT 1
							REDUCE BUS 79391 [BOW1 20.0] GENERATION BY 100 PERCENT DISPATCH
4227.9	74018 SUGARLF 115	74046 ROCK TV1 115	1	-0.02084	-267.7	218.0	OPEN 79304 [N.M.TAP 345] TO 79322 [SHOEMTAP 138] CKT 1
4227.9	74018 SUGARLF 115	74046 ROCK TV1 115	1	-0.02084	-267.7	218.0	OPEN 79321 [SHOEM138 138] TO 79322 [SHOEMTAP 138] CKT 1
4264.2	74018 SUGARLF 115	79359 SGRLF69 69.0	1	0.02084	267.0	218.0	OPEN 79304 [N.M.TAP 345] TO 79322 [SHOEMTAP 138] CKT 1
4264.2	74018 SUGARLF 115	79359 SGRLF69 69.0	1	0.02084	267.0	218.0	OPEN 79321 [SHOEM138 138] TO 79322 [SHOEMTAP 138] CKT 1
4687.8	74018 SUGARLF 115	74046 ROCK TV1 115	1	-0.02125	-258.9	218.0	OPEN 79304 [N.M.TAP 345] TO 75400 [COOPC345 345] CKT 1
							OPEN 74001 [ROCK TAV 345] TO 79304 [N.M.TAP 345] CKT 1
							OPEN 74002 [ROSETON 345] TO 74001 [ROCK TAV 345] CKT 1
4723.5	74018 SUGARLF 115	79359 SGRLF69 69.0	1	0.02125	258.2	218.0	OPEN 79304 [N.M.TAP 345] TO 75400 [COOPC345 345] CKT 1
							OPEN 74001 [ROCK TAV 345] TO 79304 [N.M.TAP 345] CKT 1
							OPEN 74002 [ROSETON 345] TO 74001 [ROCK TAV 345] CKT 1
4843.7	79313 MONSEY 138	79361 TALLMAN 138	1	-0.02382	-346.6	304.4	OPEN 74347 [RAMAPO 345] TO 74340 [LADENTWN 345] CKT 1
							OPEN 74340 [LADENTWN 345] TO 79300 [WHAV345 345] CKT 1
							OPEN 79300 [WHAV345 345] TO 74310 [BOWLINE1 345] CKT 10
							OPEN 79300 [WHAV345 345] TO 79325 [WHAV138 138] CKT 1
							OPEN 79391 [BOW1 20.0] TO 74310 [BOWLINE1 345] CKT 1
							REDUCE BUS 79391 [BOW1 20.0] GENERATION BY 100 PERCENT DISPATCH
5552.7	79303 SMAHWAH2 345	5028 WALDWICK 345	1	0.04163	633.2	589.0	OPEN 74340 [LADENTWN 345] TO 74313 [BUCH S 345] CKT 1
							OPEN 74347 [RAMAPO 345] TO 74312 [BUCH N 345] CKT 1
							OPEN 74410 [BUCHNTA5 138] TO 74312 [BUCH N 345] CKT 1
6039.5	74018 SUGARLF 115	74046 ROCK TV1 115	1	-0.02325	-231.3	218.0	OPEN 74001 [ROCK TAV 345] TO 74347 [RAMAPO 345] CKT 1
							OPEN 74347 [RAMAPO 345] TO 74312 [BUCH N 345] CKT 1
							OPEN 74410 [BUCHNTA5 138] TO 74312 [BUCH N 345] CKT 1
6071.9	74018 SUGARLF 115	79359 SGRLF69 69.0	1	0.02325	230.6	218.0	OPEN 74001 [ROCK TAV 345] TO 74347 [RAMAPO 345] CKT 1
							OPEN 74347 [RAMAPO 345] TO 74312 [BUCH N 345] CKT 1
							OPEN 74410 [BUCHNTA5 138] TO 74312 [BUCH N 345] CKT 1

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*** TLTG TRANSFER LIMIT OUTPUT FOR INTERFACE MILLSCLOSE ***

TOTAL TRANS CAPAB	<---------- LIMITING ELEMENT ----------> FROM	TO	CKT	DISTR. FACTOR	PRE-SHIFT MW	RATING BAS/CNT A/C	<---------- CONTINGENCY DESCRIPTION ---------->
6359.3	79311 BURNS138 138	79313 MONSEY 138	1	-0.02381	-310.4	304.4	OPEN 74347 [RAMAPO 345] TO 74340 [LADENTWN 345] CKT 1
							OPEN 74340 [LADENTWN 345] TO 79300 [WHAV345 345] CKT 1
							OPEN 79300 [WHAV345 345] TO 74310 [BOWLINE1 345] CKT 10
							OPEN 79300 [WHAV345 345] TO 79325 [WHAV138 138] CKT 1
							OPEN 79391 [BOW1 20.0] TO 74310 [BOWLINE1 345] CKT 1
							REDUCE BUS 79391 [BOW1 20.0] GENERATION BY 100 PERCENT DISPATCH
6381.2	*74018 SUGARLF 115	74046 ROCK TV1 115	1	-0.02547	-223.9	218.0	OPEN 74001 [ROCK TAV 345] TO 74347 [RAMAPO 345] CKT 1
6410.9	*74018 SUGARLF 115	79359 SGRLF69 69.0	1	0.02547	223.2	218.0	OPEN 74001 [ROCK TAV 345] TO 74347 [RAMAPO 345] CKT 1
6743.8	74344 PLTVLLEY 345	78701 LEEDS 3 345	2	-0.28819	-1686.4	1724.0	OPEN 74344 [PLTVLLEY 345] TO 78705 [ATHENS 345] CKT 1
6882.9	74344 PLTVLLEY 345	78705 ATHENS 345	1	-0.28029	-1648.4	1724.0	OPEN 74344 [PLTVLLEY 345] TO 78701 [LEEDS 3 345] CKT 2
6924.0	74344 PLTVLLEY 345	78701 LEEDS 3 345	2	-0.27639	-1638.1	1724.0	OPEN 78705 [ATHENS 345] TO 74344 [PLTVLLEY 345] CKT 1
							OPEN 74344 [PLTVLLEY 345] TO 74341 [MILLWOOD 345] CKT 1
6929.4	74344 PLTVLLEY 345	78701 LEEDS 3 345	2	-0.27668	-1636.5	1724.0	OPEN 78705 [ATHENS 345] TO 74344 [PLTVLLEY 345] CKT 1
							OPEN 74344 [PLTVLLEY 345] TO 74356 [WOOD B 345] CKT 1
7073.3	74344 PLTVLLEY 345	78705 ATHENS 345	1	-0.26915	-1600.2	1724.0	OPEN 78701 [LEEDS 3 345] TO 74344 [PLTVLLEY 345] CKT 2
							OPEN 74344 [PLTVLLEY 345] TO 74356 [WOOD B 345] CKT 1
7089.6	79308 CHESTER 138	79321 SHOEM138 138	1	-0.05337	-279.0	304.4	OPEN 74001 [ROCK TAV 345] TO 74347 [RAMAPO 345] CKT 1
							OPEN 74001 [ROCK TAV 345] TO 74046 [ROCK TV1 115] CKT 1
							OPEN 74046 [ROCK TV1 115] TO 74018 [SUGARLF 115] CKT 1
7199.1	74344 PLTVLLEY 345	78705 ATHENS 345	1	-0.26252	-1570.2	1724.0	OPEN 78701 [LEEDS 3 345] TO 74344 [PLTVLLEY 345] CKT 2
							OPEN 78702 [N.SCOT77 345] TO 78701 [LEEDS 3 345] CKT 1
7359.3	74344 PLTVLLEY 345	78701 LEEDS 3 345	2	-0.20243	-1180.0	1331.0	BASE CASE
7381.6	*74344 PLTVLLEY 345	78701 LEEDS 3 345	2	-0.27106	-1515.7	1724.0	OPEN 79583 [MARCY T1 345] TO 75400 [COOPC345 345] CKT 1
							OPEN 75403 [FRASR345 345] TO 75400 [COOPC345 345] CKT 1
7617.7	74344 PLTVLLEY 345	78705 ATHENS 345	1	-0.19264	-1137.5	1331.0	BASE CASE
7628.1	74316 DUNWODIE 345	75000 SHORE RD 345	1	0.17909	505.3	687.0	BASE CASE
7648.2	*74344 PLTVLLEY 345	78705 ATHENS 345	1	-0.25795	-1457.0	1724.0	OPEN 79583 [MARCY T1 345] TO 75400 [COOPC345 345] CKT 1
							OPEN 75403 [FRASR345 345] TO 75400 [COOPC345 345] CKT 1
7791.1	79308 CHESTER 138	79323 SGRLF138 138	1	0.05338	241.5	304.4	OPEN 74001 [ROCK TAV 345] TO 74347 [RAMAPO 345] CKT 1
							OPEN 74001 [ROCK TAV 345] TO 74046 [ROCK TV1 115] CKT 1
							OPEN 74046 [ROCK TV1 115] TO 74018 [SUGARLF 115] CKT 1
7832.8	74403 ASTORIAW 138	74496 HG 5 138	1	0.15303	-9.6	177.0	BASE CASE
7837.6	79308 CHESTER 138	79321 SHOEM138 138	1	-0.04943	-243.9	304.4	OPEN 74001 [ROCK TAV 345] TO 74347 [RAMAPO 345] CKT 1
							OPEN 74001 [ROCK TAV 345] TO 74046 [ROCK TV1 115] CKT 1
7884.5	74403 ASTORIAW 138	74497 HG 6 138	1	0.14506	-7.4	177.0	BASE CASE
7901.6	79303 SMAHWAH2 345	5028 WALDWICK 345	1	0.03548	543.3	589.0	OPEN 74347 [RAMAPO 345] TO 74340 [LADENTWN 345] CKT 1
							OPEN 74347 [RAMAPO 345] TO 74312 [BUCH N 345] CKT 1
							OPEN 74410 [BUCHNTA5 138] TO 74312 [BUCH N 345] CKT 1
7949.0	79308 CHESTER 138	79321 SHOEM138 138	1	-0.04567	-243.4	304.4	OPEN 74001 [ROCK TAV 345] TO 74347 [RAMAPO 345] CKT 1
							OPEN 74347 [RAMAPO 345] TO 74312 [BUCH N 345] CKT 1
							OPEN 74410 [BUCHNTA5 138] TO 74312 [BUCH N 345] CKT 1
7959.2	79304 N.M.TAP 345	79322 SHOEMTAP 138	1	0.06671	577.2	667.0	OPEN 74001 [ROCK TAV 345] TO 74347 [RAMAPO 345] CKT 1
							OPEN 74001 [ROCK TAV 345] TO 74046 [ROCK TV1 115] CKT 1
							OPEN 74046 [ROCK TV1 115] TO 74018 [SUGARLF 115] CKT 1
7972.4	74345 RAINEY 345	74691 S. BRONX 345	3	-0.41402	-518.3	1081.0	OPEN 74345 [RAINEY 345] TO 74691 [S. BRONX 345] CKT 4
7972.4	74345 RAINEY 345	74691 S. BRONX 345	4	-0.41402	-518.3	1081.0	OPEN 74345 [RAINEY 345] TO 74691 [S. BRONX 345] CKT 3
8023.1	79308 CHESTER 138	79321 SHOEM138 138	1	-0.04915	-235.1	304.4	OPEN 74001 [ROCK TAV 345] TO 75400 [COOPC345 345] CKT 2
							OPEN 74001 [ROCK TAV 345] TO 74347 [RAMAPO 345] CKT 1

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*** TLTG TRANSFER LIMIT OUTPUT FOR INTERFACE MILLSCLOSE ***

TOTAL TRANS CAPAB	<---------- LIMITING ELEMENT ----------> FROM	TO	CKT	DISTR. FACTOR	PRE-SHIFT MW	RATING BAS/CNT A/C	CONTINGENCY DESCRIPTION
8054.3	74651 REAC72 345	74691 S. BRONX 345	4	0.21079	411.2	715.0	BASE CASE
8054.3	74650 REAC71 345	74691 S. BRONX 345	3	0.21079	411.2	715.0	BASE CASE
8054.3	74316 DUNWODIE 345	74650 REAC71 345	SR	0.21079	411.2	715.0	BASE CASE
8054.3	74316 DUNWODIE 345	74651 REAC72 345	SR	0.21079	411.2	715.0	BASE CASE
8080.8	*79308 CHESTER 138	79321 SHOEM138 138	1	-0.04867	-233.0	304.4	OPEN 74001 [ROCK TAV 345] TO 74347 [RAMAPO 345] CKT 1
8292.6	79319 RAMP138 138	79361 TALLMAN 138	1	0.06144	201.2	304.4	OPEN 74347 [RAMAPO 345] TO 74340 [LADENTWN 345] CKT 1
							OPEN 74347 [RAMAPO 345] TO 74312 [BUCH N 345] CKT 1
							OPEN 74410 [BUCHNTA5 138] TO 74312 [BUCH N 345] CKT 1
8303.7	74403 ASTORIAW 138	74496 HG 5 138	1	0.29390	-16.8	480.0	OPEN 74403 [ASTORIAW 138] TO 74497 [HG 6 138] CKT 1
8306.1	74403 ASTORIAW 138	74497 HG 6 138	1	0.29343	-16.7	480.0	OPEN 74403 [ASTORIAW 138] TO 74496 [HG 5 138] CKT 1
8311.1	74348 SPRBROOK 345	74567 REACM51 345	SR	0.19963	435.1	774.0	BASE CASE
8311.1	74348 SPRBROOK 345	74568 REACM52 345	SR	0.19963	435.1	774.0	BASE CASE
8319.6	74354 W 49 ST 345	74567 REACM51 345	1	-0.19963	-433.4	774.0	BASE CASE
8319.6	74354 W 49 ST 345	74568 REACM52 345	2	-0.19963	-433.4	774.0	BASE CASE
8354.2	74435 E179 ST 138	74497 HG 6 138	1	-0.30038	301.0	222.0	BASE CASE
8381.1	79304 N.M.TAP 345	75400 COOPC345 345	1	-0.27950	-1298.9	1793.0	OPEN 74001 [ROCK TAV 345] TO 75400 [COOPC345 345] CKT 2
							OPEN 75400 [COOPC345 345] TO 75440 [COOPC115 115] CKT 1
8393.6	79304 N.M.TAP 345	75400 COOPC345 345	1	-0.27928	-1295.8	1793.0	OPEN 74001 [ROCK TAV 345] TO 75400 [COOPC345 345] CKT 2
8402.6	INTERFACE F TO G			0.80809	4525.0	5971.0	OPEN 79583 [MARCY T1 345] TO 75400 [COOPC345 345] CKT 1
							OPEN 75403 [FRASR345 345] TO 75400 [COOPC345 345] CKT 1
8510.8	74001 ROCK TAV 345	75400 COOPC345 345	2	-0.26091	-1297.9	1793.0	OPEN 79304 [N.M.TAP 345] TO 75400 [COOPC345 345] CKT 1
							OPEN 74001 [ROCK TAV 345] TO 79304 [N.M.TAP 345] CKT 1
							OPEN 74002 [ROSETON 345] TO 74001 [ROCK TAV 345] CKT 1
8554.3	79321 SHOEM138 138	79322 SHOEMTAP 138	1	-0.06671	-577.2	706.7	OPEN 74001 [ROCK TAV 345] TO 74347 [RAMAPO 345] CKT 1
							OPEN 74001 [ROCK TAV 345] TO 74046 [ROCK TV1 115] CKT 1
							OPEN 74046 [ROCK TV1 115] TO 74018 [SUGARLF 115] CKT 1
8567.4	INTERFACE F TO G			0.79226	4422.8	5971.0	OPEN 75400 [COOPC345 345] TO 74001 [ROCK TAV 345] CKT 2
							OPEN 75400 [COOPC345 345] TO 79304 [N.M.TAP 345] CKT 1
							OPEN 79304 [N.M.TAP 345] TO 74001 [ROCK TAV 345] CKT 1
8576.7	INTERFACE F TO G			0.57711	3393.9	4527.0	BASE CASE
8581.0	74345 RAINEY 345	74612 8W DUM 138	8	0.29973	-276.8	313.0	OPEN 74530 [RAINEY8E 138] TO 74611 [8E DUM 138] CKT 1
8581.5	74345 RAINEY 345	74612 8W DUM 138	8	0.29973	-276.9	313.0	OPEN 74530 [RAINEY8E 138] TO 74556 [VERNON-E 138] CKT 1
8583.9	74001 ROCK TAV 345	74347 RAMAPO 345	1	0.30900	1560.1	2169.0	OPEN 74331 [FISHKILL 345] TO 74022 [E FISH I 115] CKT 1
							OPEN 74331 [FISHKILL 345] TO 74002 [ROSETON 345] CKT 1
8589.7	74001 ROCK TAV 345	75400 COOPC345 345	2	-0.27201	-1255.4	1793.0	OPEN 79304 [N.M.TAP 345] TO 75400 [COOPC345 345] CKT 1
							OPEN 79304 [N.M.TAP 345] TO 74001 [ROCK TAV 345] CKT 1
							OPEN 75400 [COOPC345 345] TO 75440 [COOPC115 115] CKT 2
8589.9	74001 ROCK TAV 345	75400 COOPC345 345	2	-0.27200	-1255.3	1793.0	OPEN 79304 [N.M.TAP 345] TO 75400 [COOPC345 345] CKT 1
							OPEN 79304 [N.M.TAP 345] TO 74001 [ROCK TAV 345] CKT 1
							OPEN 75400 [COOPC345 345] TO 75440 [COOPC115 115] CKT 1
8591.3	79302 SMAHWAH1 345	5028 WALDWICK 345	1	0.04598	511.1	602.0	OPEN 74340 [LADENTWN 345] TO 74313 [BUCH S 345] CKT 1
							OPEN 74347 [RAMAPO 345] TO 74312 [BUCH N 345] CKT 1
							OPEN 74410 [BUCHNTA5 138] TO 74312 [BUCH N 345] CKT 1
8595.1	79308 CHESTER 138	79323 SGRLF138 138	1	0.04943	206.4	304.4	OPEN 74001 [ROCK TAV 345] TO 74347 [RAMAPO 345] CKT 1
							OPEN 74001 [ROCK TAV 345] TO 74046 [ROCK TV1 115] CKT 1
8600.7	74345 RAINEY 345	74612 8W DUM 138	8	0.22377	-204.7	240.0	BASE CASE
8603.2	74001 ROCK TAV 345	74347 RAMAPO 345	1	0.30370	1564.6	2169.0	OPEN 74002 [ROSETON 345] TO 74331 [FISHKILL 345] CKT 1
8610.3	74001 ROCK TAV 345	75400 COOPC345 345	2	-0.27309	-1247.6	1793.0	OPEN 79304 [N.M.TAP 345] TO 75400 [COOPC345 345] CKT 1

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*** TLTG EXPORT LIMIT OUTPUT FOR BASE CASE ***

DISTRIBUTION FACTOR FILE: C:\NYISO\CRPP4\ds.dfx
SUBSYSTEM DESCRIPTION FILE: C:\NYISO\CRPP\sysds.sub
MONITORED ELEMENT FILE: C:\NYISO\CRPP\mondsM29.mon
CONTINGENCY DESCRIPTION FILE: C:\NYISO\CRPP\contds1.con

	PRE-SHIFT	DELTA	POST-SHIFT
STUDY SYSTEM MW GENERATION:	717.4	1000.0	1717.4
OPPOSING SYSTEM MW GENERATION:	3397.0	-1000.0	2397.0
STUDY SYSTEM NET INTERCHANGE:	700.1	1000.0	1700.1

STUDY SYSTEM				OPPOSING SYSTEM				
		GENERATOR MW				GENERATOR MW		
BUS	BUS NAME	BASE	SHIFT	CHANGE	BUS	BUS NAME	BASE	SHIFT	CHANGE
80900	LAKEVWG518.0	211.9	661.9	450.0	74700	AK 3	22.0	491.0	351.0	-140.0
81422	LENNOXG220.0	505.5	1055.5	550.0	74702	RAV 3	22.0	972.0	572.0	-400.0
					74703	AK 2	20.0	334.0	274.0	-60.0
					74708	RAV 2	20.0	385.0	285.0	-100.0
					74709	COGENGT1	13.8	78.0	38.0	-40.0
					74710	COGENGT2	13.8	78.0	38.0	-40.0
					74711	COGENGT3	13.8	78.0	38.0	-40.0
					74712	COGENGT4	13.8	78.0	38.0	-40.0
					74713	COGENGT5	13.8	78.0	38.0	-40.0
					74714	COGENST1	13.8	85.0	65.0	-20.0
					74907	NRTPTG2	22.0	380.0	340.0	-40.0
					74908	NRTPTG3	22.0	360.0	320.0	-40.0

LOADINGS AT OR ABOVE 100.0 %
OF RATING ARE MARKED WITH '*'

FROM		TO		CKT	TOTAL TRANS CAPAB	BASE CASE RATING A	PRE-SHIFT MW	POST-SHIFT MW	LIMIT CASE MW	DISTR. FACTOR
74316 DUNWODIE	345	74650 REAC71	345	SR	1995.7	715	411.2	645.7	715.0*	0.23446
74316 DUNWODIE	345	74651 REAC72	345	SR	1995.7	715	411.2	645.7	715.0*	0.23446
74650 REAC71	345	74691 S. BRONX	345	3	1995.7	715	411.2	645.7	715.0	0.23446
74651 REAC72	345	74691 S. BRONX	345	4	1995.7	715	411.2	645.7	715.0	0.23446
74348 SPRBROOK	345	74567 REACM51	345	SR	2201.5	774	435.1	660.8	727.5	0.22574
74348 SPRBROOK	345	74568 REACM52	345	SR	2201.5	774	435.1	660.8	727.5	0.22574
74354 W 49 ST	345	74568 REACM52	345	2	2209.0	774	-433.4	-659.1	-725.8	-0.22574
74354 W 49 ST	345	74567 REACM51	345	1	2209.0	774	-433.4	-659.1	-725.8	-0.22574
74484 GRENWOOD	138	74504 KENTTAP	138	1	2218.6	179	-133.3	-163.4	-172.3	-0.03009
74484 GRENWOOD	138	74556 VERNON-E	138	1	2306.2	179	-130.9	-160.9	-169.7	-0.02994
INTERFACE I TO J					2567.5	4026	2307.2	3227.6	3499.7	0.92041
74345 RAINEY	345	74691 S. BRONX	345	4	2624.2	715	-263.9	-498.3	-567.6	-0.23446
74345 RAINEY	345	74691 S. BRONX	345	3	2624.2	715	-263.9	-498.3	-567.6	-0.23446
INTERFACE DUNW-SOUTH P					2669.6	5421	3452.4	4451.9	4747.4	0.99953
INTERFACE DUNW-SOUTH O					2826.6	4554	2596.8	3517.2	3789.2	0.92041
74316 DUNWODIE	345	75000 SHORE RD	345	1	2997.1	687	505.3	584.4	607.8	0.07912
74504 KENTTAP	138	74557 VERNON-W	138	1	3539.1	179	-93.6	-123.7	-132.6	-0.03009
74322 E15ST 45	345	74354 W 49 ST	345	1	5014.7	774	203.3	-23.2	-90.2	-0.22650

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*** TLTG TRANSFER LIMIT OUTPUT FOR INTERFACE DUNW-SOUTH P ***

<- INTERFACE 'DUNW-SOUTH P' DEFINITION ->

<----- FROM ----->	<------ TO ------>	CKT	DISTR. FACTOR	PRE-SHIFT MW
74316 DUNWODIE 345	75000 SHORE RD 345	1	0.07916	505.3
74348 SPRBROOK 345	74351 TREMONT 345	1	0.00000	359.1
74349 REACBUS 345	79607 DVNPT NK 345	1	0.00000	639.9
74420 DUN NO1R 138	74533 S CREEK 138	1	0.00000	64.6
74421 DUN NO2R 138	74533 S CREEK 138	1	0.00000	64.7
74424 DUN SO1R 138	74435 E179 ST 138	1	0.00000	129.7
74650 REAC71 345	74691 S. BRONX 345	3	0.23457	411.2
74651 REAC72 345	74691 S. BRONX 345	4	0.23457	411.2
74567 REACM51 345	74354 W 49 ST 345	1	0.22585	433.4
74568 REACM52 345	74354 W 49 ST 345	2	0.22585	433.4
TOTALS FOR INTERFACE DUNW-SOUTH P			1.00000	3452.4

TOTAL TRANS CAPAB	<---------- LIMITING ELEMENT ----------> <----- FROM ----->	<------ TO ------>	CKT	DISTR. FACTOR	PRE-SHIFT MW	RATING BAS/CNT A/C	<---------- CONTINGENCY DESCRIPTION ---------->
4747.4	74316 DUNWODIE 345	74651 REAC72 345	SR	0.23457	411.2	715.0	BASE CASE
4747.4	74316 DUNWODIE 345	74650 REAC71 345	SR	0.23457	411.2	715.0	BASE CASE
4747.4	74651 REAC72 345	74691 S. BRONX 345	4	0.23457	411.2	715.0	BASE CASE
4747.4	74650 REAC71 345	74691 S. BRONX 345	3	0.23457	411.2	715.0	BASE CASE
4953.2	74348 SPRBROOK 345	74567 REACM51 345	SR	0.22585	435.1	774.0	BASE CASE
4953.2	74348 SPRBROOK 345	74568 REACM52 345	SR	0.22585	435.1	774.0	BASE CASE
4960.7	74354 W 49 ST 345	74567 REACM51 345	1	-0.22585	-433.4	774.0	BASE CASE
4960.7	74354 W 49 ST 345	74568 REACM52 345	2	-0.22585	-433.4	774.0	BASE CASE
4970.2	74484 GRENWOOD 138	74504 KENTTAP 138	1	-0.03010	-133.3	179.0	BASE CASE
5057.7	74484 GRENWOOD 138	74556 VERNON-E 138	1	-0.02995	-130.9	179.0	BASE CASE
5318.9	INTERFACE I TO J			0.92084	2307.2	4026.0	BASE CASE
5375.6	74345 RAINEY 345	74691 S. BRONX 345	4	-0.23457	-263.9	715.0	BASE CASE
5375.6	74345 RAINEY 345	74691 S. BRONX 345	3	-0.23457	-263.9	715.0	BASE CASE
5421.0	INTERFACE DUNW-SOUTH P			1.00000	3452.4	5421.0	BASE CASE
5523.8	74651 REAC72 345	74691 S. BRONX 345	4	0.27836	504.4	1081.0	OPEN 74348 [SPRBROOK 345] TO 74568 [REACM52 345] CKT SR
							OPEN 74568 [REACM52 345] TO 74354 [W 49 ST 345] CKT 2
							OPEN 74348 [SPRBROOK 345] TO 74419 [DUN NO T 138] CKT 6
5523.8	74651 REAC72 345	74691 S. BRONX 345	4	0.27836	504.4	1081.0	OPEN 74348 [SPRBROOK 345] TO 74567 [REACM51 345] CKT SR
							OPEN 74567 [REACM51 345] TO 74354 [W 49 ST 345] CKT 1
							OPEN 74348 [SPRBROOK 345] TO 74419 [DUN NO T 138] CKT 6
5523.8	74650 REAC71 345	74691 S. BRONX 345	3	0.27836	504.4	1081.0	OPEN 74348 [SPRBROOK 345] TO 74568 [REACM52 345] CKT SR
							OPEN 74568 [REACM52 345] TO 74354 [W 49 ST 345] CKT 2
							OPEN 74348 [SPRBROOK 345] TO 74419 [DUN NO T 138] CKT 6
5523.8	74650 REAC71 345	74691 S. BRONX 345	3	0.27836	504.4	1081.0	OPEN 74348 [SPRBROOK 345] TO 74567 [REACM51 345] CKT SR
							OPEN 74567 [REACM51 345] TO 74354 [W 49 ST 345] CKT 1
							OPEN 74348 [SPRBROOK 345] TO 74419 [DUN NO T 138] CKT 6
5523.8	74316 DUNWODIE 345	74650 REAC71 345	SR	0.27836	504.4	1081.0	OPEN 74348 [SPRBROOK 345] TO 74568 [REACM52 345] CKT SR
							OPEN 74568 [REACM52 345] TO 74354 [W 49 ST 345] CKT 2
							OPEN 74348 [SPRBROOK 345] TO 74419 [DUN NO T 138] CKT 6
5523.8	74316 DUNWODIE 345	74651 REAC72 345	SR	0.27836	504.4	1081.0	OPEN 74348 [SPRBROOK 345] TO 74568 [REACM52 345] CKT SR
							OPEN 74568 [REACM52 345] TO 74354 [W 49 ST 345] CKT 2
							OPEN 74348 [SPRBROOK 345] TO 74419 [DUN NO T 138] CKT 6

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*** TLTG TRANSFER LIMIT OUTPUT FOR INTERFACE DUNW-SOUTH O ***

<- INTERFACE 'DUNW-SOUTH O' DEFINITION ->

<----- FROM ----->	<------ TO ------>	CKT	DISTR. FACTOR	PRE-SHIFT MW
74348 SPRBROOK 345	74351 TREMONT 345	1	0.00000	359.1
74420 DUN NO1R 138	74533 S CREEK 138	1	0.00000	64.6
74421 DUN NO2R 138	74533 S CREEK 138	1	0.00000	64.7
74424 DUN SO1R 138	74435 E179 ST 138	1	0.00000	129.7
74650 REAC71 345	74691 S. BRONX 345	3	0.25474	411.2
74651 REAC72 345	74691 S. BRONX 345	4	0.25474	411.2
74567 REACM51 345	74354 W 49 ST 345	1	0.24526	433.4
74568 REACM52 345	74354 W 49 ST 345	2	0.24526	433.4
75047 L SUCSPH 138	74505 JAMAICA 138	1	0.00000	147.9
75067 V STRM P 138	74505 JAMAICA 138	1	0.00000	141.7
TOTALS FOR INTERFACE DUNW-SOUTH O			1.00000	2596.8

TOTAL TRANS CAPAB	<---------- LIMITING ELEMENT ----------> <----- FROM ----->	<------ TO ------>	CKT	DISTR. FACTOR	PRE-SHIFT MW	RATING BAS/CNT A/C	<---------- CONTINGENCY DESCRIPTION ---------->
3789.2	74316 DUNWODIE 345	74651 REAC72 345	SR	0.25474	411.2	715.0	BASE CASE
3789.2	74316 DUNWODIE 345	74650 REAC71 345	SR	0.25474	411.2	715.0	BASE CASE
3789.2	74651 REAC72 345	74691 S. BRONX 345	4	0.25474	411.2	715.0	BASE CASE
3789.2	74650 REAC71 345	74691 S. BRONX 345	3	0.25474	411.2	715.0	BASE CASE
3978.7	74348 SPRBROOK 345	74567 REACM51 345	SR	0.24526	435.1	774.0	BASE CASE
3978.7	74348 SPRBROOK 345	74568 REACM52 345	SR	0.24526	435.1	774.0	BASE CASE
3985.6	74354 W 49 ST 345	74567 REACM51 345	1	-0.24526	-433.4	774.0	BASE CASE
3985.6	74354 W 49 ST 345	74568 REACM52 345	2	-0.24526	-433.4	774.0	BASE CASE
3994.4	74484 GRENWOOD 138	74504 KENTTAP 138	1	-0.03269	-133.3	179.0	BASE CASE
4075.0	74484 GRENWOOD 138	74556 VERNON-E 138	1	-0.03252	-130.9	179.0	BASE CASE
4315.6	INTERFACE I TO J			1.00000	2307.2	4026.0	BASE CASE
4367.7	74345 RAINEY 345	74691 S. BRONX 345	4	-0.25474	-263.9	715.0	BASE CASE
4367.7	74345 RAINEY 345	74691 S. BRONX 345	3	-0.25474	-263.9	715.0	BASE CASE
4409.5	INTERFACE DUNW-SOUTH P			1.08596	3452.4	5421.0	BASE CASE
4504.2	74651 REAC72 345	74691 S. BRONX 345	4	0.30229	504.4	1081.0	OPEN 74348 [SPRBROOK 345] TO 74568 [REACM52 345] CKT SR
							OPEN 74568 [REACM52 345] TO 74354 [W 49 ST 345] CKT 2
							OPEN 74348 [SPRBROOK 345] TO 74419 [DUN NO T 138] CKT 6
4504.2	74651 REAC72 345	74691 S. BRONX 345	4	0.30229	504.4	1081.0	OPEN 74348 [SPRBROOK 345] TO 74567 [REACM51 345] CKT SR
							OPEN 74567 [REACM51 345] TO 74354 [W 49 ST 345] CKT 1
							OPEN 74348 [SPRBROOK 345] TO 74419 [DUN NO T 138] CKT 6
4504.2	74650 REAC71 345	74691 S. BRONX 345	3	0.30229	504.4	1081.0	OPEN 74348 [SPRBROOK 345] TO 74568 [REACM52 345] CKT SR
							OPEN 74568 [REACM52 345] TO 74354 [W 49 ST 345] CKT 2
							OPEN 74348 [SPRBROOK 345] TO 74419 [DUN NO T 138] CKT 6
4504.2	74650 REAC71 345	74691 S. BRONX 345	3	0.30229	504.4	1081.0	OPEN 74348 [SPRBROOK 345] TO 74567 [REACM51 345] CKT SR
							OPEN 74567 [REACM51 345] TO 74354 [W 49 ST 345] CKT 1
							OPEN 74348 [SPRBROOK 345] TO 74419 [DUN NO T 138] CKT 6
4504.2	74316 DUNWODIE 345	74650 REAC71 345	SR	0.30229	504.4	1081.0	OPEN 74348 [SPRBROOK 345] TO 74568 [REACM52 345] CKT SR
							OPEN 74568 [REACM52 345] TO 74354 [W 49 ST 345] CKT 2
							OPEN 74348 [SPRBROOK 345] TO 74419 [DUN NO T 138] CKT 6
4504.2	74316 DUNWODIE 345	74651 REAC72 345	SR	0.30229	504.4	1081.0	OPEN 74348 [SPRBROOK 345] TO 74568 [REACM52 345] CKT SR
							OPEN 74568 [REACM52 345] TO 74354 [W 49 ST 345] CKT 2
							OPEN 74348 [SPRBROOK 345] TO 74419 [DUN NO T 138] CKT 6

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*** TLTG TRANSFER LIMIT OUTPUT FOR INTERFACE I TO J ***

<- INTERFACE 'I TO J ' DEFINITION ->

<----- FROM ----->	<------ TO ------>	CKT	DISTR. FACTOR	PRE-SHIFT MW
74348 SPRBROOK 345	74351 TREMONT 345	1	0.00000	359.1
74420 DUN NO1R 138	74533 S CREEK 138	1	0.00000	64.6
74421 DUN NO2R 138	74533 S CREEK 138	1	0.00000	64.7
74424 DUN SO1R 138	74435 E179 ST 138	1	0.00000	129.7
74650 REAC71 345	74691 S. BRONX 345	3	0.25474	411.2
74651 REAC72 345	74691 S. BRONX 345	4	0.25474	411.2
74567 REACM51 345	74354 W 49 ST 345	1	0.24526	433.4
74568 REACM52 345	74354 W 49 ST 345	2	0.24526	433.4
TOTALS FOR INTERFACE I TO J			1.00000	2307.2

TOTAL TRANS CAPAB	<---------- LIMITING ELEMENT ---------->	CKT	DISTR. FACTOR	PRE-SHIFT MW	RATING BAS/CNT A/C	<---------- CONTINGENCY DESCRIPTION ---------->
3499.7	74316 DUNWODIE 345 74651 REAC72 345	SR	0.25474	411.2	715.0	BASE CASE
3499.7	74316 DUNWODIE 345 74650 REAC71 345	SR	0.25474	411.2	715.0	BASE CASE
3499.7	74651 REAC72 345 74691 S. BRONX 345	4	0.25474	411.2	715.0	BASE CASE
3499.7	74650 REAC71 345 74691 S. BRONX 345	3	0.25474	411.2	715.0	BASE CASE
3689.2	74348 SPRBROOK 345 74567 REACM51 345	SR	0.24526	435.1	774.0	BASE CASE
3689.2	74348 SPRBROOK 345 74568 REACM52 345	SR	0.24526	435.1	774.0	BASE CASE
3696.1	74354 W 49 ST 345 74567 REACM51 345	1	-0.24526	-433.4	774.0	BASE CASE
3696.1	74354 W 49 ST 345 74568 REACM52 345	2	-0.24526	-433.4	774.0	BASE CASE
3704.9	74484 GRENWOOD 138 74504 KENTTAP 138	1	-0.03269	-133.3	179.0	BASE CASE
3785.5	74484 GRENWOOD 138 74556 VERNON-E 138	1	-0.03252	-130.9	179.0	BASE CASE
4026.0	INTERFACE I TO J		1.00000	2307.2	4026.0	BASE CASE
4078.2	74345 RAINEY 345 74691 S. BRONX 345	4	-0.25474	-263.9	715.0	BASE CASE
4078.2	74345 RAINEY 345 74691 S. BRONX 345	3	-0.25474	-263.9	715.0	BASE CASE
4120.0	INTERFACE DUNW-SOUTH P		1.08596	3452.4	5421.0	BASE CASE
4214.6	74651 REAC72 345 74691 S. BRONX 345	4	0.30229	504.4	1081.0	OPEN 74348 [SPRBROOK 345] TO 74568 [REACM52 345] CKT SR
						OPEN 74568 [REACM52 345] TO 74354 [W 49 ST 345] CKT 2
						OPEN 74348 [SPRBROOK 345] TO 74419 [DUN NO T 138] CKT 6
4214.6	74651 REAC72 345 74691 S. BRONX 345	4	0.30229	504.4	1081.0	OPEN 74348 [SPRBROOK 345] TO 74567 [REACM51 345] CKT SR
						OPEN 74567 [REACM51 345] TO 74354 [W 49 ST 345] CKT 1
						OPEN 74348 [SPRBROOK 345] TO 74419 [DUN NO T 138] CKT 6
4214.6	74650 REAC71 345 74691 S. BRONX 345	3	0.30229	504.4	1081.0	OPEN 74348 [SPRBROOK 345] TO 74568 [REACM52 345] CKT SR
						OPEN 74568 [REACM52 345] TO 74354 [W 49 ST 345] CKT 2
						OPEN 74348 [SPRBROOK 345] TO 74419 [DUN NO T 138] CKT 6
4214.6	74650 REAC71 345 74691 S. BRONX 345	3	0.30229	504.4	1081.0	OPEN 74348 [SPRBROOK 345] TO 74567 [REACM51 345] CKT SR
						OPEN 74567 [REACM51 345] TO 74354 [W 49 ST 345] CKT 1
						OPEN 74348 [SPRBROOK 345] TO 74419 [DUN NO T 138] CKT 6
4214.7	74316 DUNWODIE 345 74650 REAC71 345	SR	0.30229	504.4	1081.0	OPEN 74348 [SPRBROOK 345] TO 74568 [REACM52 345] CKT SR
						OPEN 74568 [REACM52 345] TO 74354 [W 49 ST 345] CKT 2
						OPEN 74348 [SPRBROOK 345] TO 74419 [DUN NO T 138] CKT 6
4214.7	74316 DUNWODIE 345 74651 REAC72 345	SR	0.30229	504.4	1081.0	OPEN 74348 [SPRBROOK 345] TO 74568 [REACM52 345] CKT SR
						OPEN 74568 [REACM52 345] TO 74354 [W 49 ST 345] CKT 2
						OPEN 74348 [SPRBROOK 345] TO 74419 [DUN NO T 138] CKT 6
4214.7	74316 DUNWODIE 345 74650 REAC71 345	SR	0.30229	504.4	1081.0	OPEN 74348 [SPRBROOK 345] TO 74567 [REACM51 345] CKT SR
						OPEN 74567 [REACM51 345] TO 74354 [W 49 ST 345] CKT 1
						OPEN 74348 [SPRBROOK 345] TO 74419 [DUN NO T 138] CKT 6

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*** TLTG EXPORT LIMIT OUTPUT FOR BASE CASE ***

DISTRIBUTION FACTOR FILE: C:\NYISO\CRPP4\li.dfx
SUBSYSTEM DESCRIPTION FILE: C:\NYISO\CRPP\sysli.sub
MONITORED ELEMENT FILE: C:\NYISO\CRPP\monli.mon
CONTINGENCY DESCRIPTION FILE: C:\NYISO\CRPP\contli.con

	PRE-SHIFT	DELTA	POST-SHIFT
STUDY SYSTEM MW GENERATION:	4683.2	1000.0	5683.2
OPPOSING SYSTEM MW GENERATION:	1386.0	-1000.0	386.0
STUDY SYSTEM NET INTERCHANGE:	4630.1	1000.0	5630.1

STUDY SYSTEM					OPPOSING SYSTEM				
		GENERATOR MW					GENERATOR MW		
BUS	BUS NAME	BASE	SHIFT	CHANGE	BUS	BUS NAME	BASE	SHIFT	CHANGE
74190	ROSE GN124.0	612.7	789.2	176.5	74900	BARETG1 20.0	176.0	-4.0	-180.0
74302	ER G7 13.2	166.0	224.8	58.8	74907	NRTPTG2 22.0	380.0	140.0	-240.0
74700	AK 3 22.0	491.0	608.6	117.6	74908	NRTPTG3 22.0	360.0	120.0	-240.0
74705	AST 4 20.0	718.5	777.3	58.8	74909	NRTPTG4 22.0	380.0	140.0	-240.0
74706	AST 5 20.0	361.0	478.6	117.6	79571	NYPA108 13.8	90.0	-10.0	-100.0
74707	RAV 1 20.0	385.0	561.5	176.5					
79390	BOW2 20.0	592.0	886.1	294.1					

INSOLUBLE CASE: UNABLE TO RELIEVE PRE-SHIFT SOLUTION OVERLOADS
WITHOUT CAUSING ADDITIONAL OVERLOADING

LOADINGS AT OR ABOVE 100.0 %
OF RATING ARE MARKED WITH '*'

FROM	TO	CKT	TOTAL TRANS CAPAB	BASE CASE RATING A	PRE-SHIFT MW	POST-SHIFT MW	LIMIT CASE MW	DISTR. FACTOR
74402 ASTE-WRG 138	74705 AST 4 20.0	1	1225.3	259	-359.1*	-388.5*	-259.0*	-0.02941
74384 ASTE-ERG 138	74705 AST 4 20.0	2	1357.5	259	-355.3*	-384.7*	-255.1	-0.02942
75000 SHORE RD 345	74316 DUNWODIE 345	1	4812.0	687	-505.3	-1504.*	2896.4*	-0.99909
74557 VERNON-W 138	74707 RAV 1 20.0	1	5280.7	259	-201.3	-290.0*	100.4	-0.08863
INTERFACE LI	IMPORT		5437.0	2746	1939.8	2938.9*	-1462.	0.99909
74556 VERNON-E 138	74707 RAV 1 20.0	2	5487.7	259	-183.7	-271.5*	115.4	-0.08784
74332 FR KILLS 345	74700 AK 3 22.0	1	5488.5	592	-491.0	-608.7*	-90.4	-0.11765
75031 GLNWD SO 138	75164 GLNWD SO69.0	1	5516.3	118	74.2	123.6*	-94.1	0.04944
75030 GLNWD NO 138	75163 GLNWD NO69.0	1	5533.9	118	64.7	123.7*	-136.1*	0.05897
INTERFACE CE/LI	TIES		5676.8	1900	854.3	1853.3	-2547.*	0.99909
74402 ASTE-WRG 138	74706 AST 5 20.0	1	5954.1	259	-181.1	-239.9	19.1	-0.05882
74384 ASTE-ERG 138	74706 AST 5 20.0	2	5975.1	259	-179.9	-238.7	20.4	-0.05883
INTERFACE LI	EXPORT		6043.4	2366	-954.0	-1953.	2447.7*	-0.99909
75046 L SUCS 138	75180 LKE SCSS69.0	1	6149.4	239	121.5	198.8	-141.8	0.07734
75046 L SUCS 138	75180 LKE SCSS69.0	2	6439.8	239	111.0	181.7	-129.7	0.07071
74324 E15ST 47 345	74632 E RIVER 69.0	17	6915.3	240	-105.6	-164.4	94.7	-0.05882
75039 ELWOOD 1 138	75156 ELWOOD 69.0	1	10634.3	114	90.8	56.7	206.9*	-0.03411
75063 SYOSSET 138	75224 SYOSSET 69.0	1	10857.5	239	150.2	87.7	362.9*	-0.06249
75073 NEWBRG-2 138	75192 NEWBRGE269.0	1	11193.8	120	72.9	43.5	172.9*	-0.02938
75042 GRENLAWN 138	75166 GRENLAWN69.0	1	12492.6	114	84.6	59.4	170.6*	-0.02526

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*** TLTG TRANSFER LIMIT OUTPUT FOR INTERFACE LI IMPORT ***

<- INTERFACE 'LI IMPORT ' DEFINITION ->

<----- FROM ----->	<------ TO ------>	CKT	DISTR. FACTOR	PRE-SHIFT MW
74316 DUNWODIE 345	75000 SHORE RD 345	1	1.00000	505.3
79607 DVNPT NK 345	75004 HMP HRBR 345	1	0.00000	638.6
74505 JAMAICA 138	75047 L SUCSPH 138	1	0.00000	-147.9
74505 JAMAICA 138	75067 V STRM P 138	1	0.00000	-141.7
73166 NORHR138 138	75053 NRTHPT P 138	1	0.00000	99.7
75078 SHMHVDCL 192	75062 SHOREHAM 138	1	0.00000	329.5
74959 NEPTCONV 345	74958 NWBRG 345	1	0.00000	656.3
TOTALS FOR INTERFACE LI IMPORT			1.00000	1939.8

TOTAL TRANS CAPAB	<---------- LIMITING ELEMENT ----------> <----- FROM ----->	<------ TO ------>	CKT	DISTR. FACTOR	PRE-SHIFT MW	RATING BAS/CNT A/C	<--------------- CONTINGENCY DESCRIPTION --------------->
-4351.1	74384 ASTE-ERG 138	74705 AST 4 20.0	2	-0.05888	-714.4	344.0	OPEN 74402 [ASTE-WRG 138] TO 74705 [AST 4 20.0] CKT 1
-4351.1	74402 ASTE-WRG 138	74705 AST 4 20.0	1	-0.05888	-714.4	344.0	OPEN 74384 [ASTE-ERG 138] TO 74705 [AST 4 20.0] CKT 2
-1461.8	74402 ASTE-WRG 138	74705 AST 4 20.0	1	-0.02943	-359.1	259.0	BASE CASE
-1329.8	74384 ASTE-ERG 138	74705 AST 4 20.0	2	-0.02944	-355.3	259.0	BASE CASE
637.5	74384 ASTE-ERG 138	74705 AST 4 20.0	2	-0.02944	-382.3	344.0	OPEN 74384 [ASTE-ERG 138] TO 74498 [ASTE-PAR 138] CKT 1
637.5	74384 ASTE-ERG 138	74705 AST 4 20.0	2	-0.02944	-382.3	344.0	OPEN 74402 [ASTE-WRG 138] TO 74498 [ASTE-PAR 138] CKT 1
685.1	74402 ASTE-WRG 138	74705 AST 4 20.0	1	-0.02943	-380.9	344.0	OPEN 74402 [ASTE-WRG 138] TO 74723 [SCS138-W 138] CKT 1
874.2	74402 ASTE-WRG 138	74705 AST 4 20.0	1	-0.03715	-383.6	344.0	OPEN 74384 [ASTE-ERG 138] TO 74495 [HG 4 138] CKT 1
959.5	*74402 ASTE-WRG 138	74705 AST 4 20.0	1	-0.03598	-379.3	344.0	OPEN 74402 [ASTE-WRG 138] TO 74706 [AST 5 20.0] CKT 1
965.8	*74384 ASTE-ERG 138	74705 AST 4 20.0	2	-0.03717	-380.2	344.0	OPEN 74402 [ASTE-WRG 138] TO 74492 [HG 1 138] CKT 1
1795.4	74402 ASTE-WRG 138	74706 AST 5 20.0	1	-0.11775	-361.0	344.0	OPEN 74384 [ASTE-ERG 138] TO 74706 [AST 5 20.0] CKT 2
1795.4	74384 ASTE-ERG 138	74706 AST 5 20.0	2	-0.11775	-361.0	344.0	OPEN 74402 [ASTE-WRG 138] TO 74706 [AST 5 20.0] CKT 1
1945.5	74557 VERNON-W 138	74707 RAV 1 20.0	1	-0.17663	-385.0	386.0	OPEN 74556 [VERNON-E 138] TO 74707 [RAV 1 20.0] CKT 2
1945.5	74556 VERNON-E 138	74707 RAV 1 20.0	2	-0.17663	-385.0	386.0	OPEN 74557 [VERNON-W 138] TO 74707 [RAV 1 20.0] CKT 1
2121.6	75000 SHORE RD 345	74316 DUNWODIE 345	1	-1.00000	-505.3	687.0	BASE CASE
2589.8	74557 VERNON-W 138	74707 RAV 1 20.0	1	-0.08871	-201.3	259.0	BASE CASE
2613.8	75000 SHORE RD 345	74316 DUNWODIE 345	1	-1.00000	-838.0	1512.0	OPEN 79607 [DVNPT NK 345] TO 75004 [HMP HRBR 345] CKT 1
2746.0	INTERFACE LI IMPORT			1.00000	1939.8	2746.0	BASE CASE
2796.7	74556 VERNON-E 138	74707 RAV 1 20.0	2	-0.08792	-183.7	259.0	BASE CASE
2797.5	74332 FR KILLS 345	74700 AK 3 22.0	1	-0.11775	-491.0	592.0	BASE CASE
2825.2	75031 GLNWD SO 138	75164 GLNWD SO69.0	1	0.04948	74.2	118.0	BASE CASE
2828.9	75000 SHORE RD 345	74316 DUNWODIE 345	1	-1.00000	-622.9	1512.0	OPEN 75038 [E.G.C. 138] TO 75002 [E.G.C.-1 345] CKT 1
2829.1	75000 SHORE RD 345	74316 DUNWODIE 345	1	-1.00000	-622.7	1512.0	OPEN 75074 [E.G.C.-2 138] TO 75003 [E.G.C.-2 345] CKT 1
2829.9	*75000 SHORE RD 345	74316 DUNWODIE 345	1	-0.99903	-622.8	1512.0	OPEN 75038 [E.G.C. 138] TO 75050 [NEWBRGE 138] CKT 1
							OPEN 75038 [E.G.C. 138] TO 75002 [E.G.C.-1 345] CKT 1
2842.8	75030 GLNWD NO 138	75163 GLNWD NO69.0	1	0.05902	64.7	118.0	BASE CASE
2974.8	75030 GLNWD NO 138	75163 GLNWD NO69.0	1	0.09248	69.3	165.0	OPEN 75031 [GLNWD SO 138] TO 75041 [SHORE RD 138] CKT 1
2985.6	INTERFACE CE/LI TIES			1.00000	854.3	1900.0	BASE CASE
3017.9	75031 GLNWD SO 138	75164 GLNWD SO69.0	1	0.08012	78.6	165.0	OPEN 75030 [GLNWD NO 138] TO 75041 [SHORE RD 138] CKT 1
3092.4	75030 GLNWD NO 138	75163 GLNWD NO69.0	1	0.08204	70.4	165.0	OPEN 75038 [E.G.C. 138] TO 75060 [ROSLYN 138] CKT 1
							OPEN 75038 [E.G.C. 138] TO 75002 [E.G.C.-1 345] CKT 1
3178.8	75004 HMP HRBR 345	75005 EGC DUM 345	1	0.44419	848.7	1399.0	OPEN 74316 [DUNWODIE 345] TO 75000 [SHORE RD 345] CKT 1
							OPEN 75000 [SHORE RD 345] TO 75041 [SHORE RD 138] CKT 1
							OPEN 75000 [SHORE RD 345] TO 75041 [SHORE RD 138] CKT 2
3181.6	75030 GLNWD NO 138	75163 GLNWD NO69.0	1	0.08089	64.6	165.0	OPEN 75029 [GLNWD GT 138] TO 75030 [GLNWD NO 138] CKT 1
3181.6	*75030 GLNWD NO 138	75163 GLNWD NO69.0	1	0.08089	64.6	165.0	OPEN 75029 [GLNWD GT 138] TO 75060 [ROSLYN 138] CKT 1

CEII 2005 FERC FORM NO. 715, 2014 SUM BASE V5
2005 SUMMER PEAK, LEVEL 5 (04/01/05)

*** TLTG EXPORT LIMIT OUTPUT FOR BASE CASE ***

DISTRIBUTION FACTOR FILE: C:\NYISO\CRPP4\de.dfx
SUBSYSTEM DESCRIPTION FILE: C:\NYISO\CRPP\sysde.sub
MONITORED ELEMENT FILE: C:\NYISO\CRPP\monde.mon
CONTINGENCY DESCRIPTION FILE: C:\NYISO\CRPP\contde.con

	PRE-SHIFT	DELTA	POST-SHIFT
STUDY SYSTEM MW GENERATION:	1222.9	1000.0	2222.9
OPPOSING SYSTEM MW GENERATION:	4557.8	-1000.0	3557.8
STUDY SYSTEM NET INTERCHANGE:	1204.4	1000.0	2204.4

STUDY SYSTEM				OPPOSING SYSTEM				
		GENERATOR MW				GENERATOR MW		
BUS	BUS NAME	BASE	SHIFT	CHANGE	BUS	BUS NAME	BASE	SHIFT	CHANGE
80900	LAKEVWG518.0	211.9	545.2	333.3	74190	ROSE GN1	24.0	649.1	569.1	-80.0
81422	LENNOXG220.0	505.5	838.8	333.3	74702	RAV 3	22.0	972.0	712.0	-260.0
81425	LENNOXG420.0	505.5	838.8	333.3	74703	AK 2	20.0	334.0	254.0	-80.0
					74705	AST 4	20.0	632.7	552.7	-80.0
					74907	NRTPTG2	22.0	380.0	280.0	-100.0
					74908	NRTPTG3	22.0	360.0	260.0	-100.0
					79390	BOW2	20.0	592.0	472.0	-120.0
					79538	POLETGT2	18.0	222.0	162.0	-60.0
					79539	POLETSTG1	8.0	194.0	134.0	-60.0
					79540	POLETGT1	18.0	222.0	162.0	-60.0

LOADINGS AT OR ABOVE 100.0 %
OF RATING ARE MARKED WITH '*'

FROM			TO			CKT	TOTAL TRANS CAPAB	BASE CASE RATING A	BASE CASE PRE-SHIFT MW	BASE CASE POST-SHIFT MW	BASE CASE LIMIT CASE MW	DISTR. FACTOR
75465	HINMN115	115	76261	HARIS115	115	1	2209.0	238	-203.7	-237.8	-238.0*	-0.03413
75414	MEYER230	230	75417	STOLE230	230	1	2728.9	430	-261.6	-372.1	-372.6	-0.11045
76702	LOCKPORT	115	77126	TELRDTP1	115	1	2871.4	144	97.8	125.5	125.7	0.02770
75465	HINMN115	115	76702	LOCKPORT	115	1	2989.9	238	175.3	210.4	210.6	0.03513
76702	LOCKPORT	115	77101	SHEL-113	115	1	3005.5	144	92.4	121.0	121.2	0.02865
76702	LOCKPORT	115	77122	SOUR-111	115	1	3015.5	131	82.0	109.1	109.2	0.02704
79584	NIAG 345	345	79800	ROCH 345	345	1	3125.0	1301	608.8	969.2	970.9	0.36040
77122	SOUR-111	115	77123	SWDN-111	115	1	3178.7	131	77.6	104.7	104.8	0.02704
77101	SHEL-113	115	77124	SWDN-113	115	1	3354.8	144	82.3	111.0	111.1	0.02868
77109	LAPPINS1	115	77116	NLEROYTA	115	1	3357.6	139	77.3	106.0	106.1	0.02864
77100	SOUR-114	115	77111	MORTIMER	115	1	3428.4	129	63.9	93.2	93.3	0.02926
77400	CLAY	345	78450	EDIC	345	2	3444.7	1033	606.1	796.7	797.5	0.19055
77112	MUMFORD1	115	77116	NLEROYTA	115	1	3456.7	129	-63.4	-92.5	-92.7	-0.02911
75405	OAKDL345	345	75403	FRASR345	345	1	3459.2	1255	660.7	924.3	925.5	0.26355
77400	CLAY	345	78450	EDIC	345	1	3462.3	1033	604.2	794.1	795.0	0.18992
77100	SOUR-114	115	77126	TELRDTP1	115	1	3501.0	143	-75.7	-105.0	-105.2	-0.02929
77110	LAWLER-1	115	77111	MORTIMER	115	1	3539.9	129	-69.9	-95.2	-95.3	-0.02532
75426	BORDR115	115	77447	FRMGTN-4	115	1	3557.1	150	-72.5	-105.5	-105.6	-0.03292
	INTERFACE DYSE OPEN						3638.7	3989	1952.3	2788.9	2792.8	0.83666
77447	FRMGTN-4	115	79825	PANNELLI	115	1	3692.6	206	-120.0	-154.6	-154.7	-0.03457

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*** TLTG TRANSFER LIMIT OUTPUT FOR INTERFACE DYSE OPEN ***

<- INTERFACE 'DYSE OPEN ' DEFINITION ->

<----- FROM ----->	<------ TO ------>	CKT	DISTR. FACTOR	PRE-SHIFT MW
75404 KINTI345 345	79800 ROCH 345 345	1	0.29379	614.8
79584 NIAG 345 345	79800 ROCH 345 345	1	0.43076	608.8
75417 STOLE230 230	75414 MEYER230 230	1	0.13201	261.6
75994 PALMT115 115	75992 BENET115 115	1	0.00000	-6.7
76702 LOCKPORT 115	77125 TELRDTP1 115	1	0.01542	78.7
76702 LOCKPORT 115	77115 NAKR-108 115	1	0.01299	56.4
76702 LOCKPORT 115	77117 OAKFLDTP 115	1	0.01534	66.4
76702 LOCKPORT 115	77122 SOUR-111 115	1	0.03232	82.0
76702 LOCKPORT 115	77101 SHEL-113 115	1	0.03425	92.4
76702 LOCKPORT 115	77126 TELRDTP1 115	1	0.03310	97.8
TOTALS FOR INTERFACE DYSE OPEN			1.00000	1952.3

TOTAL TRANS CAPAB	<---------- LIMITING ELEMENT ----------> <------ FROM ----->	<------ TO ------>	CKT	DISTR. FACTOR	PRE-SHIFT MW	RATING BAS/CNT A/C	<---------- CONTINGENCY DESCRIPTION ---------->
1921.1	76660 ELM-70 230	76837 ELMST23.23.0	1	0.02625	96.8	96.0	OPEN 76664 [HUNTLEY2 230] TO 76556 [SAWYER79 230] CKT 1
							OPEN 76556 [SAWYER79 230] TO 76668 [SUNY-79 230] CKT 1
							OPEN 76664 [HUNTLEY2 230] TO 76555 [SAWYER80 230] CKT 1
							OPEN 76555 [SAWYER80 230] TO 76669 [SUNY-80 230] CKT 1
2444.5	75476 MEYER115 115	75995 S.PER115 115	1	-0.02792	-90.3	104.0	OPEN 75412 [GARDV230 230] TO 75417 [STOLE230 230] CKT 1
							OPEN 75416 [ROBIN230 230] TO 75417 [STOLE230 230] CKT 1
							OPEN 75417 [STOLE230 230] TO 75414 [MEYER230 230] CKT 1
2493.8	76527 FALCONER 115	281 WARREN 115	1	0.05121	54.3	82.0	OPEN 361 [ERIE E 230] TO 76501 [S RIPLEY 230] CKT 1
							OPEN 383 [E.SAYRE 115] TO 75486 [N.WAV115 115] CKT 1
2502.1	75476 MEYER115 115	75995 S.PER115 115	1	-0.02778	-88.7	104.0	OPEN 75417 [STOLE230 230] TO 75414 [MEYER230 230] CKT 1
2526.3	75476 MEYER115 115	75995 S.PER115 115	1	-0.02997	-86.8	104.0	OPEN 75417 [STOLE230 230] TO 75414 [MEYER230 230] CKT 1
							OPEN 75406 [STOLE345 345] TO 479 [HOMER CY 345] CKT 1
2792.8	75465 HINMN115 115	76261 HARIS115 115	1	-0.04079	-203.7	238.0	BASE CASE
2793.5	76527 FALCONER 115	281 WARREN 115	1	0.05177	38.5	82.0	OPEN 76500 [DUNKIRK 230] TO 76501 [S RIPLEY 230] CKT 1
2820.8	77103 BATAVIA1 115	77121 SENECAP 115	1	0.05101	114.7	159.0	OPEN 79800 [ROCH 345 345] TO 79584 [NIAG 345 345] CKT 1
							OPEN 79800 [ROCH 345 345] TO 79819 [S80 1TR 115] CKT 1
2833.5	77103 BATAVIA1 115	77121 SENECAP 115	1	0.05074	114.3	159.0	OPEN 79800 [ROCH 345 345] TO 79584 [NIAG 345 345] CKT 1
							OPEN 79592 [NIAGAR2W 230] TO 79584 [NIAG 345 345] CKT 1
2850.1	77103 BATAVIA1 115	77121 SENECAP 115	1	0.05122	113.0	159.0	OPEN 79584 [NIAG 345 345] TO 79800 [ROCH 345 345] CKT 1
2865.2	77103 BATAVIA1 115	77121 SENECAP 115	1	0.05070	112.7	159.0	OPEN 79801 [PANNELL3 345] TO 79800 [ROCH 345 345] CKT 2
							OPEN 79800 [ROCH 345 345] TO 79584 [NIAG 345 345] CKT 1
2866.5	76527 FALCONER 115	281 WARREN 115	1	0.04996	36.3	82.0	OPEN 76663 [GRDNVL2 230] TO 76500 [DUNKIRK 230] CKT 1
							OPEN 76500 [DUNKIRK 230] TO 76523 [DUNKIRK1 115] CKT 1
							OPEN 76500 [DUNKIRK 230] TO 76501 [S RIPLEY 230] CKT 1
2899.5	75405 OAKDL345 345	75403 FRASR345 345	1	0.38145	1018.7	1380.0	OPEN 78450 [EDIC 345] TO 75403 [FRASR345 345] CKT 1
							OPEN 79583 [MARCY T1 345] TO 75400 [COOPC345 345] CKT 1
2925.7	75465 HINMN115 115	76261 HARIS115 115	1	-0.05920	-248.4	306.0	OPEN 75412 [GARDV230 230] TO 75417 [STOLE230 230] CKT 1
							OPEN 75416 [ROBIN230 230] TO 75417 [STOLE230 230] CKT 1
							OPEN 75417 [STOLE230 230] TO 75414 [MEYER230 230] CKT 1
2955.1	76702 LOCKPORT 115	77122 SOUR-111 115	1	0.04997	108.9	159.0	OPEN 79800 [ROCH 345 345] TO 79584 [NIAG 345 345] CKT 1
							OPEN 79800 [ROCH 345 345] TO 79819 [S80 1TR 115] CKT 1
2966.6	75465 HINMN115 115	76261 HARIS115 115	1	-0.05829	-246.9	306.0	OPEN 75416 [ROBIN230 230] TO 75417 [STOLE230 230] CKT 1

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*** TLTG TRANSFER LIMIT OUTPUT FOR INTERFACE DYSE OPEN ***

TOTAL TRANS CAPAB	<---------- LIMITING ELEMENT ----------> FROM	TO	CKT	DISTR. FACTOR	PRE-SHIFT MW	RATING BAS/CNT A/C	<---------- CONTINGENCY DESCRIPTION ---------->
2968.5	76702 LOCKPORT 115	77122 SOUR-111 115	1	0.04970	108.5	159.0	OPEN 79800 [ROCH 345 345] TO 79584 [NIAG 345 345] CKT 1
							OPEN 79592 [NIAGAR2W 230] TO 79584 [NIAG 345 345] CKT 1
2983.9	76702 LOCKPORT 115	77122 SOUR-111 115	1	0.05017	107.2	159.0	OPEN 79584 [NIAG 345 345] TO 79800 [ROCH 345 345] CKT 1
3000.3	76702 LOCKPORT 115	77122 SOUR-111 115	1	0.04966	107.0	159.0	OPEN 79801 [PANNELL3 345] TO 79800 [ROCH 345 345] CKT 2
							OPEN 79800 [ROCH 345 345] TO 79584 [NIAG 345 345] CKT 1
3020.3	76702 LOCKPORT 115	77126 TELRDTP1 115	1	0.05117	125.3	180.0	OPEN 79800 [ROCH 345 345] TO 79584 [NIAG 345 345] CKT 1
							OPEN 79800 [ROCH 345 345] TO 79819 [S80 1TR 115] CKT 1
3025.4	75465 HINMN115 115	76261 HARIS115 115	1	-0.06334	-238.0	306.0	OPEN 79800 [ROCH 345 345] TO 79584 [NIAG 345 345] CKT 1
							OPEN 79800 [ROCH 345 345] TO 79819 [S80 1TR 115] CKT 1
3034.0	76702 LOCKPORT 115	77126 TELRDTP1 115	1	0.05090	124.9	180.0	OPEN 79800 [ROCH 345 345] TO 79584 [NIAG 345 345] CKT 1
							OPEN 79592 [NIAGAR2W 230] TO 79584 [NIAG 345 345] CKT 1
3036.7	*75465 HINMN115 115	76261 HARIS115 115	1	-0.06292	-237.8	306.0	OPEN 79800 [ROCH 345 345] TO 79584 [NIAG 345 345] CKT 1
							OPEN 79592 [NIAGAR2W 230] TO 79584 [NIAG 345 345] CKT 1
3043.4	77122 SOUR-111 115	77123 SWDN-111 115	1	0.04997	104.5	159.0	OPEN 79800 [ROCH 345 345] TO 79584 [NIAG 345 345] CKT 1
							OPEN 79800 [ROCH 345 345] TO 79819 [S80 1TR 115] CKT 1
3048.8	76702 LOCKPORT 115	77126 TELRDTP1 115	1	0.05138	123.7	180.0	OPEN 79584 [NIAG 345 345] TO 79800 [ROCH 345 345] CKT 1
3057.3	77122 SOUR-111 115	77123 SWDN-111 115	1	0.04970	104.1	159.0	OPEN 79800 [ROCH 345 345] TO 79584 [NIAG 345 345] CKT 1
							OPEN 79592 [NIAGAR2W 230] TO 79584 [NIAG 345 345] CKT 1
3062.1	77100 SOUR-114 115	77111 MORTIMER 115	1	0.05407	93.0	153.0	OPEN 79800 [ROCH 345 345] TO 79584 [NIAG 345 345] CKT 1
							OPEN 79800 [ROCH 345 345] TO 79819 [S80 1TR 115] CKT 1
3065.9	76702 LOCKPORT 115	77126 TELRDTP1 115	1	0.05086	123.4	180.0	OPEN 79801 [PANNELL3 345] TO 79800 [ROCH 345 345] CKT 2
							OPEN 79800 [ROCH 345 345] TO 79584 [NIAG 345 345] CKT 1
3069.4	76702 LOCKPORT 115	77101 SHEL-113 115	1	0.05294	120.9	180.0	OPEN 79800 [ROCH 345 345] TO 79584 [NIAG 345 345] CKT 1
							OPEN 79800 [ROCH 345 345] TO 79819 [S80 1TR 115] CKT 1
3071.9	77122 SOUR-111 115	77123 SWDN-111 115	1	0.05017	102.8	159.0	OPEN 79584 [NIAG 345 345] TO 79800 [ROCH 345 345] CKT 1
3072.2	*77103 BATAVIA1 115	77121 SENECAP 115	1	0.04318	110.6	159.0	OPEN 75404 [KINTI345 345] TO 79800 [ROCH 345 345] CKT 1
							OPEN 79800 [ROCH 345 345] TO 79819 [S80 1TR 115] CKT 1
3076.1	77100 SOUR-114 115	77111 MORTIMER 115	1	0.05378	92.6	153.0	OPEN 79800 [ROCH 345 345] TO 79584 [NIAG 345 345] CKT 1
							OPEN 79592 [NIAGAR2W 230] TO 79584 [NIAG 345 345] CKT 1
3083.3	76702 LOCKPORT 115	77101 SHEL-113 115	1	0.05266	120.4	180.0	OPEN 79800 [ROCH 345 345] TO 79584 [NIAG 345 345] CKT 1
							OPEN 79592 [NIAGAR2W 230] TO 79584 [NIAG 345 345] CKT 1
3089.2	77122 SOUR-111 115	77123 SWDN-111 115	1	0.04966	102.5	159.0	OPEN 79801 [PANNELL3 345] TO 79800 [ROCH 345 345] CKT 2
							OPEN 79800 [ROCH 345 345] TO 79584 [NIAG 345 345] CKT 1
3090.5	77100 SOUR-114 115	77111 MORTIMER 115	1	0.05429	91.2	153.0	OPEN 79584 [NIAG 345 345] TO 79800 [ROCH 345 345] CKT 1
3097.7	76702 LOCKPORT 115	77101 SHEL-113 115	1	0.05316	119.1	180.0	OPEN 79584 [NIAG 345 345] TO 79800 [ROCH 345 345] CKT 1
3098.7	75469 KATEL115 115	75467 JENN 115 115	1	0.03872	114.6	159.0	OPEN 75405 [OAKDL345 345] TO 75403 [FRASR345 345] CKT 1
3108.0	77100 SOUR-114 115	77111 MORTIMER 115	1	0.05374	90.9	153.0	OPEN 79801 [PANNELL3 345] TO 79800 [ROCH 345 345] CKT 2
							OPEN 79800 [ROCH 345 345] TO 79584 [NIAG 345 345] CKT 1
3115.3	76702 LOCKPORT 115	77101 SHEL-113 115	1	0.05262	118.8	180.0	OPEN 79801 [PANNELL3 345] TO 79800 [ROCH 345 345] CKT 2
							OPEN 79800 [ROCH 345 345] TO 79584 [NIAG 345 345] CKT 1
3211.6	79584 NIAG 345 345	79800 ROCH 345 345	1	0.58999	942.0	1685.0	OPEN 75404 [KINTI345 345] TO 79800 [ROCH 345 345] CKT 1
3222.5	77109 LAPPINS1 115	77116 NLEROYTA 115	1	0.05291	105.8	173.0	OPEN 79800 [ROCH 345 345] TO 79584 [NIAG 345 345] CKT 1
							OPEN 79800 [ROCH 345 345] TO 79819 [S80 1TR 115] CKT 1
3224.0	79584 NIAG 345 345	79800 ROCH 345 345	1	0.59041	934.2	1685.0	OPEN 75404 [KINTI345 345] TO 79800 [ROCH 345 345] CKT 1
							OPEN 79800 [ROCH 345 345] TO 79819 [S80 1TR 115] CKT 1
3227.7	75414 MEYER230 230	75417 STOLE230 230	1	-0.13201	-261.6	430.0	BASE CASE
3230.8	*76702 LOCKPORT 115	77122 SOUR-111 115	1	0.04230	104.9	159.0	OPEN 75404 [KINTI345 345] TO 79800 [ROCH 345 345] CKT 1
							OPEN 79800 [ROCH 345 345] TO 79819 [S80 1TR 115] CKT 1

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*** TLTG TRANSFER LIMIT OUTPUT FOR INTERFACE DYSE OPEN ***

TOTAL TRANS CAPAB	<---------- LIMITING ELEMENT ----------> FROM	TO	CKT	DISTR. FACTOR	PRE-SHIFT MW	RATING BAS/CNT A/C	<---------- CONTINGENCY DESCRIPTION ---------->
3237.3	77109 LAPPINS1 115	77116 NLEROYTA 115	1	0.05263	105.4	173.0	OPEN 79800 [ROCH 345 345] TO 79584 [NIAG 345 345] CKT 1
							OPEN 79592 [NIAGAR2W 230] TO 79584 [NIAG 345 345] CKT 1
3250.2	77109 LAPPINS1 115	77116 NLEROYTA 115	1	0.05313	104.0	173.0	OPEN 79584 [NIAG 345 345] TO 79800 [ROCH 345 345] CKT 1
3257.8	77101 SHEL-113 115	77124 SWDN-113 115	1	0.05299	110.8	180.0	OPEN 79800 [ROCH 345 345] TO 79584 [NIAG 345 345] CKT 1
							OPEN 79800 [ROCH 345 345] TO 79819 [S80 1TR 115] CKT 1
3269.3	77109 LAPPINS1 115	77116 NLEROYTA 115	1	0.05259	103.7	173.0	OPEN 79801 [PANNELL3 345] TO 79800 [ROCH 345 345] CKT 2
							OPEN 79800 [ROCH 345 345] TO 79584 [NIAG 345 345] CKT 1
3272.1	75405 OAKDL345 345	75403 FRASR345 345	1	0.36243	901.6	1380.0	OPEN 77400 [CLAY 345] TO 78450 [EDIC 345] CKT 2
							OPEN 78450 [EDIC 345] TO 75403 [FRASR345 345] CKT 1
3272.7	77101 SHEL-113 115	77124 SWDN-113 115	1	0.05271	110.4	180.0	OPEN 79800 [ROCH 345 345] TO 79584 [NIAG 345 345] CKT 1
							OPEN 79592 [NIAGAR2W 230] TO 79584 [NIAG 345 345] CKT 1
3274.8	79584 NIAG 345 345	79800 ROCH 345 345	1	0.57027	930.8	1685.0	OPEN 79801 [PANNELL3 345] TO 79800 [ROCH 345 345] CKT 1
							OPEN 75404 [KINTI345 345] TO 79800 [ROCH 345 345] CKT 1
3285.3	77101 SHEL-113 115	77124 SWDN-113 115	1	0.05321	109.1	180.0	OPEN 79584 [NIAG 345 345] TO 79800 [ROCH 345 345] CKT 1
3286.2	77111 MORTIMER 115	77124 SWDN-113 115	1	-0.05594	-78.4	153.0	OPEN 79800 [ROCH 345 345] TO 79584 [NIAG 345 345] CKT 1
							OPEN 79800 [ROCH 345 345] TO 79819 [S80 1TR 115] CKT 1
3301.3	77111 MORTIMER 115	77124 SWDN-113 115	1	-0.05565	-77.9	153.0	OPEN 79800 [ROCH 345 345] TO 79584 [NIAG 345 345] CKT 1
							OPEN 79592 [NIAGAR2W 230] TO 79584 [NIAG 345 345] CKT 1
3303.7	76501 S RIPLEY 230 361	ERIE E 230	1	0.12540	329.5	499.0	OPEN 75417 [STOLE230 230] TO 75414 [MEYER230 230] CKT 1
							OPEN 75406 [STOLE345 345] TO 479 [HOMER CY 345] CKT 1
3304.5	77111 MORTIMER 115	77123 SWDN-111 115	1	-0.05310	-81.2	153.0	OPEN 79800 [ROCH 345 345] TO 79584 [NIAG 345 345] CKT 1
							OPEN 79800 [ROCH 345 345] TO 79819 [S80 1TR 115] CKT 1
3304.8	77101 SHEL-113 115	77124 SWDN-113 115	1	0.05267	108.8	180.0	OPEN 79801 [PANNELL3 345] TO 79800 [ROCH 345 345] CKT 2
							OPEN 79800 [ROCH 345 345] TO 79584 [NIAG 345 345] CKT 1
3307.8	*76702 LOCKPORT 115	77126 TELRDTP1 115	1	0.04332	121.3	180.0	OPEN 75404 [KINTI345 345] TO 79800 [ROCH 345 345] CKT 1
							OPEN 79800 [ROCH 345 345] TO 79819 [S80 1TR 115] CKT 1
3313.6	77111 MORTIMER 115	77124 SWDN-113 115	1	-0.05617	-76.5	153.0	OPEN 79584 [NIAG 345 345] TO 79800 [ROCH 345 345] CKT 1
3319.7	77111 MORTIMER 115	77123 SWDN-111 115	1	-0.05282	-80.8	153.0	OPEN 79800 [ROCH 345 345] TO 79584 [NIAG 345 345] CKT 1
							OPEN 79592 [NIAGAR2W 230] TO 79584 [NIAG 345 345] CKT 1
3331.8	77111 MORTIMER 115	77123 SWDN-111 115	1	-0.05332	-79.4	153.0	OPEN 79584 [NIAG 345 345] TO 79800 [ROCH 345 345] CKT 1
3333.4	77111 MORTIMER 115	77124 SWDN-113 115	1	-0.05561	-76.2	153.0	OPEN 79801 [PANNELL3 345] TO 79800 [ROCH 345 345] CKT 2
							OPEN 79800 [ROCH 345 345] TO 79584 [NIAG 345 345] CKT 1
3335.2	*77122 SOUR-111 115	77123 SWDN-111 115	1	0.04230	100.5	159.0	OPEN 75404 [KINTI345 345] TO 79800 [ROCH 345 345] CKT 1
							OPEN 79800 [ROCH 345 345] TO 79819 [S80 1TR 115] CKT 1
3337.4	75405 OAKDL345 345	75403 FRASR345 345	1	0.37013	867.3	1380.0	OPEN 78450 [EDIC 345] TO 75403 [FRASR345 345] CKT 1
							OPEN 75403 [FRASR345 345] TO 75455 [FRASR115 115] CKT 1
3340.8	75498 S.OWE115 115	75668 LOUNS115 115	1	-0.05949	-60.4	143.0	OPEN 75405 [OAKDL345 345] TO 75407 [WATRC345 345] CKT 1
3341.2	77100 SOUR-114 115	77126 TELRDTP1 115	1	-0.05412	-104.8	180.0	OPEN 79800 [ROCH 345 345] TO 79584 [NIAG 345 345] CKT 1
							OPEN 79800 [ROCH 345 345] TO 79819 [S80 1TR 115] CKT 1
3351.8	77111 MORTIMER 115	77123 SWDN-111 115	1	-0.05278	-79.1	153.0	OPEN 79801 [PANNELL3 345] TO 79800 [ROCH 345 345] CKT 2
							OPEN 79800 [ROCH 345 345] TO 79584 [NIAG 345 345] CKT 1
3356.6	77100 SOUR-114 115	77126 TELRDTP1 115	1	-0.05383	-104.4	180.0	OPEN 79800 [ROCH 345 345] TO 79584 [NIAG 345 345] CKT 1
							OPEN 79592 [NIAGAR2W 230] TO 79584 [NIAG 345 345] CKT 1
3357.2	*77100 SOUR-114 115	77111 MORTIMER 115	1	0.04577	88.7	153.0	OPEN 75404 [KINTI345 345] TO 79800 [ROCH 345 345] CKT 1
							OPEN 79800 [ROCH 345 345] TO 79819 [S80 1TR 115] CKT 1
3365.8	*76702 LOCKPORT 115	77101 SHEL-113 115	1	0.04482	116.6	180.0	OPEN 75404 [KINTI345 345] TO 79800 [ROCH 345 345] CKT 1

2005 SUMMER PEAK, LEVEL 5 (04/01/05)

*** TLTG TRANSFER LIMIT OUTPUT FOR INTERFACE WESTC OPEN ***

<- INTERFACE 'WESTC OPEN ' DEFINITION ->

<----- FROM ----->	<------ TO ------>	CKT	DISTR. FACTOR	PRE-SHIFT MW
79801 PANNELL3 345	77400 CLAY 345	1	0.36276	116.1
79801 PANNELL3 345	77400 CLAY 345	2	0.36394	116.5
75417 STOLE230 230	75414 MEYER230 230	1	0.13201	261.6
75994 PALMT115 115	75992 BENET115 115	1	0.00000	-6.7
79826 QUAKER 115	75892 MACDN115 115	1	0.00327	37.3
77111 MORTIMER 115	77110 LAWLER-1 115	1	0.03027	69.9
77111 MORTIMER 115	77463 LAWLER-2 115	1	0.03164	48.7
79825 PANNELLI 115	77447 FRMGTN-4 115	1	0.04132	120.0
79804 S121 B#2 115	75893 SLEIG115 115	1	0.02969	80.0
79810 STA 162 115	75995 S.PER115 115	1	0.00510	12.2
79805 CLYDE199 115	75893 SLEIG115 115	1	-0.03075	-38.9
79805 CLYDE199 115	77433 CLTNCORN 115	1	0.03075	22.7
79875 FARMNGTN34.5	77444 FARMGTN1 115	1	0.00197	-24.0
79875 FARMNGTN34.5	77447 FRMGTN-4 115	1	-0.00197	-40.8
79946 S168 12.0	77447 FRMGTN-4 115	1	0.00000	-5.1
TOTALS FOR INTERFACE WESTC OPEN			1.00000	769.4

TOTAL TRANS CAPAB	<----- FROM ----->	<------ TO ------>	CKT	DISTR. FACTOR	PRE-SHIFT MW	RATING BAS/CNT A/C	<---------- CONTINGENCY DESCRIPTION ---------->
738.2	76660 ELM-70 230	76837 ELMST23.23.0	1	0.02625	96.8	96.0	OPEN 76664 [HUNTLEY2 230] TO 76556 [SAWYER79 230] CKT 1
							OPEN 76556 [SAWYER79 230] TO 76668 [SUNY-79 230] CKT 1
							OPEN 76664 [HUNTLEY2 230] TO 76555 [SAWYER80 230] CKT 1
							OPEN 76555 [SAWYER80 230] TO 76669 [SUNY-80 230] CKT 1
1261.6	75476 MEYER115 115	75995 S.PER115 115	1	-0.02792	-90.3	104.0	OPEN 75412 [GARDV230 230] TO 75417 [STOLE230 230] CKT 1
							OPEN 75416 [ROBIN230 230] TO 75417 [STOLE230 230] CKT 1
							OPEN 75417 [STOLE230 230] TO 75414 [MEYER230 230] CKT 1
1310.9	76527 FALCONER 115	281 WARREN 115	1	0.05121	54.3	82.0	OPEN 361 [ERIE E 230] TO 76501 [S RIPLEY 230] CKT 1
							OPEN 383 [E.SAYRE 115] TO 75486 [N.WAV115 115] CKT 1
1319.2	75476 MEYER115 115	75995 S.PER115 115	1	-0.02778	-88.7	104.0	OPEN 75417 [STOLE230 230] TO 75414 [MEYER230 230] CKT 1
1343.4	75476 MEYER115 115	75995 S.PER115 115	1	-0.02997	-86.8	104.0	OPEN 75417 [STOLE230 230] TO 75414 [MEYER230 230] CKT 1
							OPEN 75406 [STOLE345 345] TO 479 [HOMER CY 345] CKT 1
1609.9	75465 HINMN115 115	76261 HARIS115 115	1	-0.04079	-203.7	238.0	BASE CASE
1610.6	76527 FALCONER 115	281 WARREN 115	1	0.05177	38.5	82.0	OPEN 76500 [DUNKIRK 230] TO 76501 [S RIPLEY 230] CKT 1
1637.9	77103 BATAVIA1 115	77121 SENECAP 115	1	0.05101	114.7	159.0	OPEN 79800 [ROCH 345 345] TO 79584 [NIAG 345 345] CKT 1
							OPEN 79800 [ROCH 345 345] TO 79819 [S80 1TR 115] CKT 1
1650.6	77103 BATAVIA1 115	77121 SENECAP 115	1	0.05074	114.3	159.0	OPEN 79800 [ROCH 345 345] TO 79584 [NIAG 345 345] CKT 1
							OPEN 79592 [NIAGAR2W 230] TO 79584 [NIAG 345 345] CKT 1
1667.2	77103 BATAVIA1 115	77121 SENECAP 115	1	0.05122	113.0	159.0	OPEN 79584 [NIAG 345 345] TO 79800 [ROCH 345 345] CKT 1
1682.3	77103 BATAVIA1 115	77121 SENECAP 115	1	0.05070	112.7	159.0	OPEN 79801 [PANNELL3 345] TO 79800 [ROCH 345 345] CKT 2
							OPEN 79800 [ROCH 345 345] TO 79584 [NIAG 345 345] CKT 1
1683.6	76527 FALCONER 115	281 WARREN 115	1	0.04996	36.3	82.0	OPEN 76663 [GRDNVL2 230] TO 76500 [DUNKIRK 230] CKT 1
							OPEN 76500 [DUNKIRK 230] TO 76523 [DUNKIRK1 115] CKT 1
							OPEN 76500 [DUNKIRK 230] TO 76501 [S RIPLEY 230] CKT 1
1716.6	75405 OAKDL345 345	75403 FRASR345 345	1	0.38145	1018.7	1380.0	OPEN 78450 [EDIC 345] TO 75403 [FRASR345 345] CKT 1
							OPEN 79583 [MARCY T1 345] TO 75400 [COOPC345 345] CKT 1

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TOTAL TRANS CAPAB	LIMITING ELEMENT FROM	LIMITING ELEMENT TO	CKT	DISTR. FACTOR	PRE-SHIFT MW	RATING BAS/CNT A/C	CONTINGENCY DESCRIPTION
1742.8	75465 HINMN115 115	76261 HARIS115 115	1	-0.05920	-248.4	306.0	OPEN 75412 [GARDV230 230] TO 75417 [STOLE230 230] CKT 1
							OPEN 75416 [ROBIN230 230] TO 75417 [STOLE230 230] CKT 1
							OPEN 75417 [STOLE230 230] TO 75414 [MEYER230 230] CKT 1
1772.2	76702 LOCKPORT 115	77122 SOUR-111 115	1	0.04997	108.9	159.0	OPEN 79800 [ROCH 345 345] TO 79584 [NIAG 345 345] CKT 1
							OPEN 79800 [ROCH 345 345] TO 79819 [S80 1TR 115] CKT 1
1783.7	75465 HINMN115 115	76261 HARIS115 115	1	-0.05829	-246.9	306.0	OPEN 75416 [ROBIN230 230] TO 75417 [STOLE230 230] CKT 1
1785.6	76702 LOCKPORT 115	77122 SOUR-111 115	1	0.04970	108.5	159.0	OPEN 79800 [ROCH 345 345] TO 79584 [NIAG 345 345] CKT 1
							OPEN 79592 [NIAGAR2W 230] TO 79584 [NIAG 345 345] CKT 1
1801.0	76702 LOCKPORT 115	77122 SOUR-111 115	1	0.05017	107.2	159.0	OPEN 79584 [NIAG 345 345] TO 79800 [ROCH 345 345] CKT 1
1817.4	76702 LOCKPORT 115	77122 SOUR-111 115	1	0.04966	107.0	159.0	OPEN 79801 [PANNELL3 345] TO 79800 [ROCH 345 345] CKT 2
							OPEN 79800 [ROCH 345 345] TO 79584 [NIAG 345 345] CKT 1
1837.4	76702 LOCKPORT 115	77126 TELRDTP1 115	1	0.05117	125.3	180.0	OPEN 79800 [ROCH 345 345] TO 79584 [NIAG 345 345] CKT 1
							OPEN 79800 [ROCH 345 345] TO 79819 [S80 1TR 115] CKT 1
1842.5	75465 HINMN115 115	76261 HARIS115 115	1	-0.06334	-238.0	306.0	OPEN 79800 [ROCH 345 345] TO 79584 [NIAG 345 345] CKT 1
							OPEN 79800 [ROCH 345 345] TO 79819 [S80 1TR 115] CKT 1
1851.1	76702 LOCKPORT 115	77126 TELRDTP1 115	1	0.05090	124.9	180.0	OPEN 79800 [ROCH 345 345] TO 79584 [NIAG 345 345] CKT 1
							OPEN 79592 [NIAGAR2W 230] TO 79584 [NIAG 345 345] CKT 1
1853.8	*75465 HINMN115 115	76261 HARIS115 115	1	-0.06292	-237.8	306.0	OPEN 79800 [ROCH 345 345] TO 79584 [NIAG 345 345] CKT 1
							OPEN 79592 [NIAGAR2W 230] TO 79584 [NIAG 345 345] CKT 1
1860.5	77122 SOUR-111 115	77123 SWDN-111 115	1	0.04997	104.5	159.0	OPEN 79800 [ROCH 345 345] TO 79584 [NIAG 345 345] CKT 1
							OPEN 79800 [ROCH 345 345] TO 79819 [S80 1TR 115] CKT 1
1865.9	76702 LOCKPORT 115	77126 TELRDTP1 115	1	0.05138	123.7	180.0	OPEN 79584 [NIAG 345 345] TO 79800 [ROCH 345 345] CKT 1
1874.4	77122 SOUR-111 115	77123 SWDN-111 115	1	0.04970	104.1	159.0	OPEN 79800 [ROCH 345 345] TO 79584 [NIAG 345 345] CKT 1
							OPEN 79592 [NIAGAR2W 230] TO 79584 [NIAG 345 345] CKT 1
1879.2	77100 SOUR-114 115	77111 MORTIMER 115	1	0.05407	93.0	153.0	OPEN 79800 [ROCH 345 345] TO 79584 [NIAG 345 345] CKT 1
							OPEN 79800 [ROCH 345 345] TO 79819 [S80 1TR 115] CKT 1
1882.9	76702 LOCKPORT 115	77126 TELRDTP1 115	1	0.05086	123.4	180.0	OPEN 79801 [PANNELL3 345] TO 79800 [ROCH 345 345] CKT 2
							OPEN 79800 [ROCH 345 345] TO 79584 [NIAG 345 345] CKT 1
1886.5	76702 LOCKPORT 115	77101 SHEL-113 115	1	0.05294	120.9	180.0	OPEN 79800 [ROCH 345 345] TO 79584 [NIAG 345 345] CKT 1
							OPEN 79800 [ROCH 345 345] TO 79819 [S80 1TR 115] CKT 1
1888.9	77122 SOUR-111 115	77123 SWDN-111 115	1	0.05017	102.8	159.0	OPEN 79584 [NIAG 345 345] TO 79800 [ROCH 345 345] CKT 1
1889.3	*77103 BATAVIA1 115	77121 SENECAP 115	1	0.04318	110.6	159.0	OPEN 75404 [KINTI345 345] TO 79800 [ROCH 345 345] CKT 1
							OPEN 79800 [ROCH 345 345] TO 79819 [S80 1TR 115] CKT 1
1893.2	77100 SOUR-114 115	77111 MORTIMER 115	1	0.05378	92.6	153.0	OPEN 79800 [ROCH 345 345] TO 79584 [NIAG 345 345] CKT 1
							OPEN 79592 [NIAGAR2W 230] TO 79584 [NIAG 345 345] CKT 1
1900.4	76702 LOCKPORT 115	77101 SHEL-113 115	1	0.05266	120.4	180.0	OPEN 79800 [ROCH 345 345] TO 79584 [NIAG 345 345] CKT 1
							OPEN 79592 [NIAGAR2W 230] TO 79584 [NIAG 345 345] CKT 1
1906.3	77122 SOUR-111 115	77123 SWDN-111 115	1	0.04966	102.5	159.0	OPEN 79801 [PANNELL3 345] TO 79800 [ROCH 345 345] CKT 2
							OPEN 79800 [ROCH 345 345] TO 79584 [NIAG 345 345] CKT 1
1907.6	77100 SOUR-114 115	77111 MORTIMER 115	1	0.05429	91.2	153.0	OPEN 79584 [NIAG 345 345] TO 79800 [ROCH 345 345] CKT 1
1914.8	76702 LOCKPORT 115	77101 SHEL-113 115	1	0.05316	119.1	180.0	OPEN 79584 [NIAG 345 345] TO 79800 [ROCH 345 345] CKT 1
1915.8	75469 KATEL115 115	75467 JENN 115 115	1	0.03872	114.6	159.0	OPEN 75405 [OAKDL345 345] TO 75403 [FRASR345 345] CKT 1
1925.1	77100 SOUR-114 115	77111 MORTIMER 115	1	0.05374	90.9	153.0	OPEN 79801 [PANNELL3 345] TO 79800 [ROCH 345 345] CKT 2
							OPEN 79800 [ROCH 345 345] TO 79584 [NIAG 345 345] CKT 1
1932.4	76702 LOCKPORT 115	77101 SHEL-113 115	1	0.05262	118.8	180.0	OPEN 79801 [PANNELL3 345] TO 79800 [ROCH 345 345] CKT 2
							OPEN 79800 [ROCH 345 345] TO 79584 [NIAG 345 345] CKT 1
2028.7	79584 NIAG 345 345	79800 ROCH 345 345	1	0.58999	942.0	1685.0	OPEN 75404 [KINTI345 345] TO 79800 [ROCH 345 345] CKT 1

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*** TLTG TRANSFER LIMIT OUTPUT FOR INTERFACE WESTC OPEN ***

TOTAL TRANS CAPAB	LIMITING ELEMENT FROM	LIMITING ELEMENT TO	CKT	DISTR. FACTOR	PRE-SHIFT MW	RATING BAS/CNT A/C	CONTINGENCY DESCRIPTION
2039.6	77109 LAPPINS1 115	77116 NLEROYTA 115	1	0.05291	105.8	173.0	OPEN 79800 [ROCH 345 345] TO 79584 [NIAG 345 345] CKT 1
							OPEN 79800 [ROCH 345 345] TO 79819 [S80 1TR 115] CKT 1
2041.1	79584 NIAG 345 345	79800 ROCH 345 345	1	0.59041	934.2	1685.0	OPEN 75404 [KINTI345 345] TO 79800 [ROCH 345 345] CKT 1
							OPEN 79800 [ROCH 345 345] TO 79819 [S80 1TR 115] CKT 1
2044.8	75414 MEYER230 230	75417 STOLE230 230	1	-0.13201	-261.6	430.0	BASE CASE
2047.9	*76702 LOCKPORT 115	77122 SOUR-111 115	1	0.04230	104.9	159.0	OPEN 75404 [KINTI345 345] TO 79800 [ROCH 345 345] CKT 1
							OPEN 79800 [ROCH 345 345] TO 79819 [S80 1TR 115] CKT 1
2054.4	77109 LAPPINS1 115	77116 NLEROYTA 115	1	0.05263	105.4	173.0	OPEN 79800 [ROCH 345 345] TO 79584 [NIAG 345 345] CKT 1
							OPEN 79592 [NIAGAR2W 230] TO 79584 [NIAG 345 345] CKT 1
2067.3	77109 LAPPINS1 115	77116 NLEROYTA 115	1	0.05313	104.0	173.0	OPEN 79584 [NIAG 345 345] TO 79800 [ROCH 345 345] CKT 1
2074.9	77101 SHEL-113 115	77124 SWDN-113 115	1	0.05299	110.8	180.0	OPEN 79800 [ROCH 345 345] TO 79584 [NIAG 345 345] CKT 1
							OPEN 79800 [ROCH 345 345] TO 79819 [S80 1TR 115] CKT 1
2086.4	77109 LAPPINS1 115	77116 NLEROYTA 115	1	0.05259	103.7	173.0	OPEN 79801 [PANNELL3 345] TO 79800 [ROCH 345 345] CKT 2
							OPEN 79800 [ROCH 345 345] TO 79584 [NIAG 345 345] CKT 1
2089.2	75405 OAKDL345 345	75403 FRASR345 345	1	0.36243	901.6	1380.0	OPEN 77400 [CLAY 345] TO 78450 [EDIC 345] CKT 2
							OPEN 78450 [EDIC 345] TO 75403 [FRASR345 345] CKT 1
2089.8	77101 SHEL-113 115	77124 SWDN-113 115	1	0.05271	110.4	180.0	OPEN 79800 [ROCH 345 345] TO 79584 [NIAG 345 345] CKT 1
							OPEN 79592 [NIAGAR2W 230] TO 79584 [NIAG 345 345] CKT 1
2091.9	79584 NIAG 345 345	79800 ROCH 345 345	1	0.57027	930.8	1685.0	OPEN 79801 [PANNELL3 345] TO 79800 [ROCH 345 345] CKT 1
							OPEN 75404 [KINTI345 345] TO 79800 [ROCH 345 345] CKT 1
2102.4	77101 SHEL-113 115	77124 SWDN-113 115	1	0.05321	109.1	180.0	OPEN 79584 [NIAG 345 345] TO 79800 [ROCH 345 345] CKT 1
2103.3	77111 MORTIMER 115	77124 SWDN-113 115	1	-0.05594	-78.4	153.0	OPEN 79800 [ROCH 345 345] TO 79584 [NIAG 345 345] CKT 1
							OPEN 79800 [ROCH 345 345] TO 79819 [S80 1TR 115] CKT 1
2118.4	77111 MORTIMER 115	77124 SWDN-113 115	1	-0.05565	-77.9	153.0	OPEN 79800 [ROCH 345 345] TO 79584 [NIAG 345 345] CKT 1
							OPEN 79592 [NIAGAR2W 230] TO 79584 [NIAG 345 345] CKT 1
2120.8	76501 S RIPLEY 230	361 ERIE E 230	1	0.12540	329.5	499.0	OPEN 75417 [STOLE230 230] TO 75414 [MEYER230 230] CKT 1
							OPEN 75406 [STOLE345 345] TO 479 [HOMER CY 345] CKT 1
2121.6	77111 MORTIMER 115	77123 SWDN-111 115	1	-0.05310	-81.2	153.0	OPEN 79800 [ROCH 345 345] TO 79584 [NIAG 345 345] CKT 1
							OPEN 79800 [ROCH 345 345] TO 79819 [S80 1TR 115] CKT 1
2121.9	77101 SHEL-113 115	77124 SWDN-113 115	1	0.05267	108.8	180.0	OPEN 79801 [PANNELL3 345] TO 79800 [ROCH 345 345] CKT 2
							OPEN 79800 [ROCH 345 345] TO 79584 [NIAG 345 345] CKT 1
2124.9	*76702 LOCKPORT 115	77126 TELRDTP1 115	1	0.04332	121.3	180.0	OPEN 75404 [KINTI345 345] TO 79800 [ROCH 345 345] CKT 1
							OPEN 79800 [ROCH 345 345] TO 79819 [S80 1TR 115] CKT 1
2130.7	77111 MORTIMER 115	77124 SWDN-113 115	1	-0.05617	-76.5	153.0	OPEN 79584 [NIAG 345 345] TO 79800 [ROCH 345 345] CKT 1
2136.8	77111 MORTIMER 115	77123 SWDN-111 115	1	-0.05282	-80.8	153.0	OPEN 79800 [ROCH 345 345] TO 79584 [NIAG 345 345] CKT 1
							OPEN 79592 [NIAGAR2W 230] TO 79584 [NIAG 345 345] CKT 1
2148.9	77111 MORTIMER 115	77123 SWDN-111 115	1	-0.05332	-79.4	153.0	OPEN 79584 [NIAG 345 345] TO 79800 [ROCH 345 345] CKT 1
2150.5	77111 MORTIMER 115	77124 SWDN-113 115	1	-0.05561	-76.2	153.0	OPEN 79801 [PANNELL3 345] TO 79800 [ROCH 345 345] CKT 2
							OPEN 79800 [ROCH 345 345] TO 79584 [NIAG 345 345] CKT 1
2152.3	*77122 SOUR-111 115	77123 SWDN-111 115	1	0.04230	100.5	159.0	OPEN 75404 [KINTI345 345] TO 79800 [ROCH 345 345] CKT 1
							OPEN 79800 [ROCH 345 345] TO 79819 [S80 1TR 115] CKT 1
2154.5	75405 OAKDL345 345	75403 FRASR345 345	1	0.37013	867.3	1380.0	OPEN 78450 [EDIC 345] TO 75403 [FRASR345 345] CKT 1
							OPEN 75403 [FRASR345 345] TO 75455 [FRASR115 115] CKT 1
2157.9	75498 S.OWE115 115	75668 LOUNS115 115	1	-0.05949	-60.4	143.0	OPEN 75405 [OAKDL345 345] TO 75407 [WATRC345 345] CKT 1
2158.3	77100 SOUR-114 115	77126 TELRDTP1 115	1	-0.05412	-104.8	180.0	OPEN 79800 [ROCH 345 345] TO 79584 [NIAG 345 345] CKT 1
							OPEN 79800 [ROCH 345 345] TO 79819 [S80 1TR 115] CKT 1
2168.9	77111 MORTIMER 115	77123 SWDN-111 115	1	-0.05278	-79.1	153.0	OPEN 79801 [PANNELL3 345] TO 79800 [ROCH 345 345] CKT 2
							OPEN 79800 [ROCH 345 345] TO 79584 [NIAG 345 345] CKT 1

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*** TLTG EXPORT LIMIT OUTPUT FOR BASE CASE ***

DISTRIBUTION FACTOR FILE: C:\NYISO\CRPP4\ms.dfx
SUBSYSTEM DESCRIPTION FILE: C:\NYISO\CRPP\sysms.sub
MONITORED ELEMENT FILE: C:\NYISO\CRPP\monms.mon
CONTINGENCY DESCRIPTION FILE: C:\NYISO\CRPP\contms.con

	PRE-SHIFT	DELTA	POST-SHIFT
STUDY SYSTEM MW GENERATION:	206.8	1000.0	1206.8
OPPOSING SYSTEM MW GENERATION:	2617.6	-1000.0	1617.6
STUDY SYSTEM NET INTERCHANGE:	206.1	1000.0	1206.1

STUDY SYSTEM		GENERATOR MW			OPPOSING SYSTEM		GENERATOR MW		
BUS	BUS NAME	BASE	SHIFT	CHANGE	BUS	BUS NAME	BASE	SHIFT	CHANGE
79513	MOS17-1813.8	92.8	592.8	500.0	74702	RAV 3 22.0	972.0	872.0	-100.0
79516	MOS21-2213.8	114.0	614.0	500.0	76641	DUNKGEN413.8	191.0	91.0	-100.0
					77051	HNTLY68G13.8	190.6	90.6	-100.0
					77951	9M PT 1G23.0	626.0	126.0	-500.0
					79538	POLETGT218.0	222.0	152.0	-70.0
					79539	POLETSTG18.0	194.0	124.0	-70.0
					79540	POLETGT118.0	222.0	162.0	-60.0

LOADINGS AT OR ABOVE 100.0 %
OF RATING ARE MARKED WITH '*'

FROM		TO		CKT	TOTAL TRANS CAPAB	BASE CASE RATING A	PRE-SHIFT MW	POST-SHIFT MW	LIMIT CASE MW	DISTR. FACTOR
79590	MOSES W 230	79517	MOS21-2413.8	6	267.7	258	-227.2	-727.2*	-258.0*	-0.50000
79589	MOSES E 230	79514	MOS17-2013.8	5	309.9	258	-206.1	-706.1*	-236.9	-0.50000
78009	BRNS FLS 115	78057	TAYLORVL 115	1	1979.1	102	40.5	75.2	42.6	0.03471
78460	PORTER 2 230	79586	ADRON B2 230	1	2026.4	321	-147.0	-242.6	-152.9	-0.09557
78009	BRNS FLS 115	78021	FLAT RCK 115	1	2040.3	102	-38.5	-73.1	-40.6	-0.03463
78460	PORTER 2 230	79585	ADRON B1 230	1	2053.5	321	-144.5	-240.0	-150.3	-0.09557
78009	BRNS FLS 115	78025	HIGLEY 115	1	2055.2	102	-37.7	-72.5	-39.8	-0.03479
78009	BRNS FLS 115	78057	TAYLORVL 115	2	2094.3	106	40.5	75.2	42.6	0.03471
79577	MARCY765 765	79583	MARCY T1 345	1	2157.4	1488	716.2	1111.8	740.6	0.39552
79586	ADRON B2 230	79590	MOSES W 230	1	2264.8	348	-151.3	-246.8	-157.1	-0.09557
79585	ADRON B1 230	79590	MOSES W 230	1	2264.8	348	-151.3	-246.8	-157.1	-0.09557
78014	COLTON 115	78021	FLAT RCK 115	1	2430.1	114	37.0	71.6	39.1	0.03463
79588	MASS230B 230	79589	MOSES E 230	1	2528.3	936	-77.4	-447.1	-100.2	-0.36973
79587	MASS230A 230	79589	MOSES E 230	1	2528.3	936	-77.4	-447.1	-100.2	-0.36973
79578	MASS 765 765	79588	MASS230B 230	1	2528.4	936	-77.4	-447.1	-100.1	-0.36973
79578	MASS 765 765	79587	MASS230A 230	1	2528.4	936	-77.4	-447.1	-100.1	-0.36973
78014	COLTON 115	78025	HIGLEY 115	1	2659.9	125	39.6	74.4	41.8	0.03479
79577	MARCY765 765	79583	MARCY T1 345	2	2715.5	1488	624.9	968.9	646.1	0.34395
78450	EDIC 345	79583	MARCY T1 345	1	3230.3	1677	-329.4	-775.0	-356.8	-0.44563
79577	MARCY765 765	79578	MASS 765 765	1	3753.5	3975	-1352.	-2091.	-1397.	-0.73947
	INTERFACE MOSES OPEN				3980.7	5358	1583.3	2583.3	1644.8	1.00003
	INTERFACE MOSESSOUTH				4009.8	5400	1596.5	2596.6	1658.1	1.00003

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*** TLTG TRANSFER LIMIT OUTPUT FOR INTERFACE MOSESSOUTH ***

<- INTERFACE 'MOSESSOUTH ' DEFINITION -> <----- FROM ----->	<------ TO ------>	CKT	DISTR. FACTOR	PRE-SHIFT MW
79578 MASS 765 765	79577 MARCY765 765	1	0.73945	1351.8
79590 MOSES W 230	79585 ADRON B1 230	1	0.09557	151.3
79590 MOSES W 230	79586 ADRON B2 230	1	0.09557	151.3
78017 DENNISON 115	78002 ANDRWS-4 115	1	0.02156	-5.2
78017 DENNISON 115	78032 LWRNCE-B 115	1	0.02157	-4.0
78000 ALCOA-NM 115	78010 BRADY 115	1	0.01109	-23.4
78033 MALONE 115	78041 NICHOLVL 115	1	0.01521	-25.2
TOTALS FOR INTERFACE MOSESSOUTH			1.00000	1596.5

TOTAL TRANS CAPAB	<---------- LIMITING ELEMENT ----------> <----- FROM ----->	<------ TO ------>	CKT	DISTR. FACTOR	PRE-SHIFT MW	RATING BAS/CNT A/C	<---------- CONTINGENCY DESCRIPTION ---------->
1658.1	79590 MOSES W 230	79517 MOS21-2413.8	6	-0.49998	-227.2	258.0	BASE CASE
1700.3	79589 MOSES E 230	79514 MOS17-2013.8	5	-0.49999	-206.1	258.0	BASE CASE
1765.4	78009 BRNS FLS 115	78057 TAYLORVL 115	2	0.07862	120.7	134.0	OPEN 79578 [MASS 765 765] TO 79577 [MARCY765 765] CKT 1
1778.1	78009 BRNS FLS 115	78057 TAYLORVL 115	1	0.07862	120.7	135.0	OPEN 79578 [MASS 765 765] TO 79577 [MARCY765 765] CKT 1
1780.3	79586 ADRON B2 230	79590 MOSES W 230	1	-0.23036	-397.7	440.0	OPEN 79578 [MASS 765 765] TO 79577 [MARCY765 765] CKT 1
1780.3	79585 ADRON B1 230	79590 MOSES W 230	1	-0.23036	-397.7	440.0	OPEN 79578 [MASS 765 765] TO 79577 [MARCY765 765] CKT 1
1806.1	78009 BRNS FLS 115	78021 FLAT RCK 115	1	-0.07844	-118.6	135.0	OPEN 79578 [MASS 765 765] TO 79577 [MARCY765 765] CKT 1
1810.8	78009 BRNS FLS 115	78025 HIGLEY 115	1	-0.07880	-118.1	135.0	OPEN 79578 [MASS 765 765] TO 79577 [MARCY765 765] CKT 1
1837.7	78460 PORTER 2 230	79586 ADRON B2 230	1	-0.23036	-393.5	449.0	OPEN 79578 [MASS 765 765] TO 79577 [MARCY765 765] CKT 1
1848.9	78460 PORTER 2 230	79585 ADRON B1 230	1	-0.23036	-390.9	449.0	OPEN 79578 [MASS 765 765] TO 79577 [MARCY765 765] CKT 1
1878.2	78028 LOWVILLE 115	78057 TAYLORVL 115	1	-0.04216	-122.1	134.0	OPEN 79578 [MASS 765 765] TO 79577 [MARCY765 765] CKT 1
1913.4	79602 PLAT T#3 115	79672 PLAT 115 115	3	-0.08624	-274.7	302.0	OPEN 79578 [MASS 765 765] TO 79577 [MARCY765 765] CKT 1
1913.5	79602 PLAT T#3 115	70511 GRAND IS 115	1	0.08624	274.7	302.0	OPEN 79578 [MASS 765 765] TO 79577 [MARCY765 765] CKT 1
1914.5	78014 COLTON 115	78021 FLAT RCK 115	1	0.07844	117.1	142.0	OPEN 79578 [MASS 765 765] TO 79577 [MARCY765 765] CKT 1
2039.7	78014 COLTON 115	78025 HIGLEY 115	1	0.07880	120.1	155.0	OPEN 79578 [MASS 765 765] TO 79577 [MARCY765 765] CKT 1
2061.4	78008 BREMEN 115	78057 TAYLORVL 115	1	-0.04214	-114.4	134.0	OPEN 79578 [MASS 765 765] TO 79577 [MARCY765 765] CKT 1
2221.9	79577 MARCY765 765	79583 MARCY T1 345	1	0.70000	1216.2	1654.0	OPEN 79577 [MARCY765 765] TO 79583 [MARCY T1 345] CKT 2
							OPEN 78703 [N.SCOT99 345] TO 79583 [MARCY T1 345] CKT 1
2326.7	78028 LOWVILLE 115	78471 BOONVL 115	1	0.04216	103.2	134.0	OPEN 79578 [MASS 765 765] TO 79577 [MARCY765 765] CKT 1
2355.8	78011 BU+LY+MO 115	78471 BOONVL 115	1	0.04214	114.0	146.0	OPEN 79578 [MASS 765 765] TO 79577 [MARCY765 765] CKT 1
2434.2	79589 MOSES E 230	81255 STLAWL34 230	1	0.16791	305.4	446.0	OPEN 79578 [MASS 765 765] TO 79577 [MARCY765 765] CKT 1
2490.5	78008 BREMEN 115	78011 BU+LY+MO 115	1	0.04214	108.3	146.0	OPEN 79578 [MASS 765 765] TO 79577 [MARCY765 765] CKT 1
2531.4	78009 BRNS FLS 115	78057 TAYLORVL 115	2	0.07862	60.5	134.0	OPEN 79577 [MARCY765 765] TO 79578 [MASS 765 765] CKT 1
							OPEN 79578 [MASS 765 765] TO 84819 [CHA-NY 765] CKT 1
2544.1	78009 BRNS FLS 115	78057 TAYLORVL 115	1	0.07862	60.5	135.0	OPEN 79577 [MARCY765 765] TO 79578 [MASS 765 765] CKT 1
							OPEN 79578 [MASS 765 765] TO 84819 [CHA-NY 765] CKT 1
2565.8	79586 ADRON B2 230	79590 MOSES W 230	1	-0.23036	-216.7	440.0	OPEN 79577 [MARCY765 765] TO 79578 [MASS 765 765] CKT 1
							OPEN 79578 [MASS 765 765] TO 84819 [CHA-NY 765] CKT 1
2565.8	79585 ADRON B1 230	79590 MOSES W 230	1	-0.23036	-216.7	440.0	OPEN 79577 [MARCY765 765] TO 79578 [MASS 765 765] CKT 1
							OPEN 79578 [MASS 765 765] TO 84819 [CHA-NY 765] CKT 1
2572.1	78009 BRNS FLS 115	78021 FLAT RCK 115	1	-0.07844	-58.5	135.0	OPEN 79577 [MARCY765 765] TO 79578 [MASS 765 765] CKT 1
							OPEN 79578 [MASS 765 765] TO 84819 [CHA-NY 765] CKT 1
2576.8	78009 BRNS FLS 115	78025 HIGLEY 115	1	-0.07880	-57.8	135.0	OPEN 79577 [MARCY765 765] TO 79578 [MASS 765 765] CKT 1
							OPEN 79578 [MASS 765 765] TO 84819 [CHA-NY 765] CKT 1
2623.2	78460 PORTER 2 230	79586 ADRON B2 230	1	-0.23036	-212.5	449.0	OPEN 79577 [MARCY765 765] TO 79578 [MASS 765 765] CKT 1
							OPEN 79578 [MASS 765 765] TO 84819 [CHA-NY 765] CKT 1

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*** TLTG EXPORT LIMIT OUTPUT FOR BASE CASE ***

DISTRIBUTION FACTOR FILE: C:\NYISO\CRPP4\te.dfx
SUBSYSTEM DESCRIPTION FILE: C:\NYISO\CRPP\syste.sub
MONITORED ELEMENT FILE: C:\NYISO\CRPP\monte.mon
CONTINGENCY DESCRIPTION FILE: C:\NYISO\CRPP\contte1.con

	PRE-SHIFT	DELTA	POST-SHIFT
STUDY SYSTEM MW GENERATION:	1833.5	1000.0	2833.5
OPPOSING SYSTEM MW GENERATION:	3741.7	-1000.0	2741.7
STUDY SYSTEM NET INTERCHANGE:	1787.2	1000.0	2787.2

STUDY SYSTEM		GENERATOR MW			OPPOSING SYSTEM		GENERATOR MW		
BUS	BUS NAME	BASE	SHIFT	CHANGE	BUS	BUS NAME	BASE	SHIFT	CHANGE
76641	DUNKGEN413.8	191.0	241.0	50.0	74302	ER G7	13.2	166.0	26.0	-140.0
77051	HNTLY68G13.8	190.6	240.6	50.0	74702	RAV 3	22.0	972.0	692.0	-280.0
77951	9M PT 1G23.0	626.0	1126.0	500.0	74705	AST 4	20.0	632.7	532.7	-100.0
79515	MOS19-2013.8	114.0	214.0	100.0	74706	AST 5	20.0	361.0	241.0	-120.0
80900	LAKEVWG518.0	211.9	361.9	150.0	74906	NRTPTG1	22.0	380.0	310.0	-70.0
81765	NANTICG622.0	500.0	650.0	150.0	79390	BOW2	20.0	592.0	492.0	-100.0
					79538	POLETGT2	18.0	222.0	162.0	-60.0
					79539	POLETSTG1	8.0	194.0	134.0	-60.0
					79540	POLETGT1	18.0	222.0	152.0	-70.0

LOADINGS AT OR ABOVE 100.0 %
OF RATING ARE MARKED WITH '*'

FROM			TO			CKT	TOTAL TRANS CAPAB	BASE CASE RATING A	PRE-SHIFT MW	POST-SHIFT MW	LIMIT CASE MW	DISTR. FACTOR
74344	PLTVLLEY	345	78701	LEEDS 3	345	2	2497.9	1331	-1187.	-1389.*	-1331.*	-0.20205
	INTERFACE CENTRAL EAST						2626.7	3100	2684.7	3179.4*	3036.2	0.49467
74344	PLTVLLEY	345	78705	ATHENS	345	1	2742.5	1331	-1147.	-1340.*	-1284.	-0.19227
	INTERFACE TOTAL EAST						2979.4	6500	5307.9	6307.8	6018.5	0.99991
75400	COOPC345	345	75403	FRASR345	345	1	3094.4	1207	-952.6	-1147.	-1091.	-0.19460
74002	ROSETON	345	74331	FISHKILL	345	1	3944.1	1935	1533.2	1719.5	1665.6	0.18629
78450	EDIC	345	78702	N.SCOT77	345	1	4065.8	1331	898.7	1088.4	1033.5	0.18974
78703	N.SCOT99	345	79583	MARCY T1	345	1	4150.4	1487	-1003.	-1208.	-1149.	-0.20482
78450	EDIC	345	77400	CLAY	345	2	4455.0	1033	-606.1	-766.1	-719.8	-0.16002
78450	EDIC	345	77400	CLAY	345	1	4475.9	1033	-604.2	-763.7	-717.5	-0.15948
78701	LEEDS 3	345	78702	N.SCOT77	345	1	4538.6	1331	-810.6	-999.7	-945.0	-0.18914
78701	LEEDS 3	345	78703	N.SCOT99	345	2	4575.3	1331	-806.8	-994.8	-940.4	-0.18800
75403	FRASR345	345	75405	OAKDL345	345	1	4696.6	1255	-660.7	-865.0	-805.9	-0.20426
74001	ROCK TAV	345	74347	RAMAPO	345	1	4916.6	1720	971.6	1210.7	1141.5	0.23916
79304	N.M.TAP	345	79322	SHOEMTAP	138	1	5309.7	498	379.9	413.4	403.7	0.03353
75400	COOPC345	345	79304	N.M.TAP	345	1	5476.3	1464	822.1	996.1	945.8	0.17400
78460	PORTER 2	230	78980	ROTRDM.2	230	2	5488.4	439	267.4	313.7	300.3	0.04638
78701	LEEDS 3	345	79581	GILB 345	345	1	5576.3	1428	-863.4	-1012.	-969.3	-0.14901
	INTERFACE CENT E+FGILB						5590.5	5600	3095.0	3753.7	3563.1	0.65862
	INTERFACE CE GROUP						5681.1	8438	4544.6	5544.5	5255.2	0.99991

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*** TLTG TRANSFER LIMIT OUTPUT FOR INTERFACE VOLNEY EAST ***

<- INTERFACE 'VOLNEY EAST ' DEFINITION ->

<----- FROM ----->	<------ TO ------>	CKT	DISTR. FACTOR	PRE-SHIFT MW
75405 OAKDL345 345	75403 FRASR345 345	1	0.22698	660.7
75469 KATEL115 115	75467 JENN 115 115	1	0.01085	67.9
75488 OAKDL115 115	75444 DELHI115 115	1	0.01371	44.2
75513 WILET115 115	75446 E.NOR115 115	1	0.01212	63.4
77400 CLAY 345	78450 EDIC 345	1	0.17722	604.2
77400 CLAY 345	78450 EDIC 345	2	0.17781	606.1
77406 VOLNEY 345	79583 MARCY T1 345	1	0.17393	742.9
77426 BRDGPORT 115	78484 PETRBORO 115	1	0.01262	37.7
77466 LTHSE HL 115	78005 BLACK RV 115	1	0.00494	-7.1
77466 LTHSE HL 115	78018 E WTRTWN 115	1	0.00493	-3.5
77494 TEALL 115	78483 ONEIDA 115	1	0.01268	36.4
77500 WHITMAN 115	78483 ONEIDA 115	1	0.00745	-13.5
77779 OMEGAWIR34.5	78610 CAMDEN 34.5	1	0.00000	-2.8
79580 JA FITZP 345	78450 EDIC 345	1	0.16476	742.4
TOTALS FOR INTERFACE VOLNEY EAST			1.00000	3579.1

TOTAL TRANS CAPAB	<---------- LIMITING ELEMENT ----------> <----- FROM ----->	<------ TO ------>	CKT	DISTR. FACTOR	PRE-SHIFT MW	RATING BAS/CNT A/C	<--------------- CONTINGENCY DESCRIPTION --------------->
2251.0	79303 SMAHWAH2 345	5028 WALDWICK 345	1	0.03107	630.3	589.0	OPEN 74340 [LADENTWN 345] TO 74313 [BUCH S 345] CKT 1
							OPEN 74347 [RAMAPO 345] TO 74312 [BUCH N 345] CKT 1
							OPEN 74410 [BUCHNTA5 138] TO 74312 [BUCH N 345] CKT 1
2974.0	INTERFACE CENTRAL EAST			0.73039	3542.0	3100.0	OPEN 78450 [EDIC 345] TO 75403 [FRASR345 345] CKT 1
							OPEN 79583 [MARCY T1 345] TO 75400 [COOPC345 345] CKT 1
3235.1	INTERFACE CENTRAL EAST			0.69930	3340.6	3100.0	OPEN 79583 [MARCY T1 345] TO 75400 [COOPC345 345] CKT 1
							OPEN 75403 [FRASR345 345] TO 75400 [COOPC345 345] CKT 1
3388.3	INTERFACE CENTRAL EAST			0.67657	3229.1	3100.0	OPEN 75400 [COOPC345 345] TO 74001 [ROCK TAV 345] CKT 2
							OPEN 75400 [COOPC345 345] TO 79304 [N.M.TAP 345] CKT 1
							OPEN 79304 [N.M.TAP 345] TO 74001 [ROCK TAV 345] CKT 1
3407.5	INTERFACE TOTAL EAST			1.11111	6690.6	6500.0	OPEN 70509 [SB RCTOR 115] TO 70508 [SANDB115 115] CKT 2
							SET BUS 71786 [SANDY PD 345] LOAD TO 0 MW DISPATCH
3407.5	INTERFACE TOTAL EAST			1.11111	6690.6	6500.0	SET BUS 71786 [SANDY PD 345] LOAD TO 0 MW DISPATCH
3466.0	INTERFACE CENTRAL EAST			0.54968	3162.1	3100.0	SET BUS 71786 [SANDY PD 345] LOAD TO 0 MW DISPATCH
3466.0 *	INTERFACE CENTRAL EAST			0.54968	3162.1	3100.0	OPEN 70509 [SB RCTOR 115] TO 70508 [SANDB115 115] CKT 2
							SET BUS 71786 [SANDY PD 345] LOAD TO 0 MW DISPATCH
3577.6	INTERFACE TOTAL EAST			1.11111	6501.7	6500.0	OPEN 70509 [SB RCTOR 115] TO 70508 [SANDB115 115] CKT 2
							REMOVE MACHINE 1 FROM BUS 72869 [SBRK G1 25.0] DISPATCH
3577.6	INTERFACE TOTAL EAST			1.11111	6501.7	6500.0	REMOVE MACHINE 1 FROM BUS 72869 [SBRK G1 25.0] DISPATCH
3606.8 *	INTERFACE TOTAL EAST			1.11111	6469.3	6500.0	OPEN 70509 [SB RCTOR 115] TO 70508 [SANDB115 115] CKT 2
							REMOVE MACHINE 3 FROM BUS 73563 [MILL#3 24.0] DISPATCH
3659.9	74344 PLTVLLEY 345	78701 LEEDS 3	345 2	-0.31963	-1698.2	1724.0	OPEN 78705 [ATHENS 345] TO 74344 [PLTVLLEY 345] CKT 1
3780.3	74344 PLTVLLEY 345	78705 ATHENS	345 1	-0.31087	-1661.4	1724.0	OPEN 78701 [LEEDS 3 345] TO 74344 [PLTVLLEY 345] CKT 2
3821.4	74344 PLTVLLEY 345	78701 LEEDS 3	345 2	-0.30648	-1649.7	1724.0	OPEN 78705 [ATHENS 345] TO 74344 [PLTVLLEY 345] CKT 1
							OPEN 74344 [PLTVLLEY 345] TO 74341 [MILLWOOD 345] CKT 1
3826.5	74344 PLTVLLEY 345	78701 LEEDS 3	345 2	-0.30680	-1648.1	1724.0	OPEN 78705 [ATHENS 345] TO 74344 [PLTVLLEY 345] CKT 1
							OPEN 74344 [PLTVLLEY 345] TO 74356 [WOOD B 345] CKT 1
3951.1	74344 PLTVLLEY 345	78705 ATHENS	345 1	-0.29845	-1613.0	1724.0	OPEN 78701 [LEEDS 3 345] TO 74344 [PLTVLLEY 345] CKT 2
							OPEN 74344 [PLTVLLEY 345] TO 74356 [WOOD B 345] CKT 1

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*** TLTG TRANSFER LIMIT OUTPUT FOR INTERFACE VOLNEY EAST ***

TOTAL TRANS CAPAB	LIMITING ELEMENT FROM	LIMITING ELEMENT TO	CKT	DISTR. FACTOR	PRE-SHIFT MW	RATING BAS/CNT A/C	CONTINGENCY DESCRIPTION
4051.7	74344 PLTVLLEY 345	78705 ATHENS 345	1	-0.29047	-1586.7	1724.0	OPEN 78701 [LEEDS 3 345] TO 74344 [PLTVLLEY 345] CKT 2
							OPEN 78702 [N.SCOT77 345] TO 78701 [LEEDS 3 345] CKT 1
4218.6	74344 PLTVLLEY 345	78701 LEEDS 3 345	2	-0.22452	-1187.4	1331.0	BASE CASE
4265.4	*74344 PLTVLLEY 345	78701 LEEDS 3 345	2	-0.29985	-1518.2	1724.0	OPEN 79583 [MARCY T1 345] TO 75400 [COOPC345 345] CKT 1
							OPEN 75403 [FRASR345 345] TO 75400 [COOPC345 345] CKT 1
4438.8	74344 PLTVLLEY 345	78705 ATHENS 345	1	-0.21366	-1147.3	1331.0	BASE CASE
4496.8	*74344 PLTVLLEY 345	78705 ATHENS 345	1	-0.28535	-1462.1	1724.0	OPEN 79583 [MARCY T1 345] TO 75400 [COOPC345 345] CKT 1
							OPEN 75403 [FRASR345 345] TO 75400 [COOPC345 345] CKT 1
4680.7	79304 N.M.TAP 345	79322 SHOEMTAP 138	1	0.07773	581.4	667.0	OPEN 74001 [ROCK TAV 345] TO 74347 [RAMAPO 345] CKT 1
							OPEN 74001 [ROCK TAV 345] TO 74046 [ROCK TV1 115] CKT 1
							OPEN 74046 [ROCK TV1 115] TO 74018 [SUGARLF 115] CKT 1
4723.9	79303 SMAHWAH2 345	5028 WALDWICK 345	1	0.04079	542.3	589.0	OPEN 74347 [RAMAPO 345] TO 74340 [LADENTWN 345] CKT 1
							OPEN 74347 [RAMAPO 345] TO 74312 [BUCH N 345] CKT 1
							OPEN 74410 [BUCHNTA5 138] TO 74312 [BUCH N 345] CKT 1
4755.5	75400 COOPC345 345	75403 FRASR345 345	1	-0.21624	-952.6	1207.0	BASE CASE
4781.3	75403 FRASR345 345	75405 OAKDL345 345	1	-0.30056	-1018.7	1380.0	OPEN 78450 [EDIC 345] TO 75403 [FRASR345 345] CKT 1
							OPEN 79583 [MARCY T1 345] TO 75400 [COOPC345 345] CKT 1
4929.4	78703 N.SCOT99 345	79583 MARCY T1 345	1	-0.30733	-1377.0	1792.0	OPEN 78702 [N.SCOT77 345] TO 78450 [EDIC 345] CKT 1
							OPEN 78450 [EDIC 345] TO 78460 [PORTER 2 230] CKT 1
							OPEN 78450 [EDIC 345] TO 78485 [PORTER 1 115] CKT 1
4971.7	78701 LEEDS 3 345	78703 N.SCOT99 345	2	-0.32821	-1266.9	1724.0	OPEN 78701 [LEEDS 3 345] TO 78702 [N.SCOT77 345] CKT 1
5010.4	79586 ADRON B2 230	79590 MOSES W 230	1	-0.02957	-397.7	440.0	OPEN 79578 [MASS 765 765] TO 79577 [MARCY765 765] CKT 1
5010.5	79585 ADRON B1 230	79590 MOSES W 230	1	-0.02957	-397.7	440.0	OPEN 79578 [MASS 765 765] TO 79577 [MARCY765 765] CKT 1
5017.7	78703 N.SCOT99 345	79583 MARCY T1 345	1	-0.30229	-1357.1	1792.0	OPEN 78450 [EDIC 345] TO 75403 [FRASR345 345] CKT 1
							OPEN 79583 [MARCY T1 345] TO 75400 [COOPC345 345] CKT 1
5054.6	75400 COOPC345 345	75403 FRASR345 345	1	-0.28968	-1275.6	1703.0	OPEN 78460 [PORTER 2 230] TO 78980 [ROTRDM.2 230] CKT 1
							OPEN 79583 [MARCY T1 345] TO 75400 [COOPC345 345] CKT 1
5115.0	75400 COOPC345 345	75403 FRASR345 345	1	-0.28705	-1262.1	1703.0	OPEN 79583 [MARCY T1 345] TO 75400 [COOPC345 345] CKT 1
5117.7	75400 COOPC345 345	75403 FRASR345 345	1	-0.28698	-1261.4	1703.0	OPEN 79590 [MOSES W 230] TO 79585 [ADRON B1 230] CKT 1
							OPEN 79583 [MARCY T1 345] TO 75400 [COOPC345 345] CKT 1
5119.6	75403 FRASR345 345	79581 GILB 345	1	0.32475	1023.7	1524.0	OPEN 75400 [COOPC345 345] TO 74001 [ROCK TAV 345] CKT 2
							OPEN 75400 [COOPC345 345] TO 79304 [N.M.TAP 345] CKT 1
							OPEN 79304 [N.M.TAP 345] TO 74001 [ROCK TAV 345] CKT 1
5126.6	*75400 COOPC345 345	75403 FRASR345 345	1	-0.28688	-1259.0	1703.0	OPEN 79577 [MARCY765 765] TO 79583 [MARCY T1 345] CKT 1
							OPEN 79583 [MARCY T1 345] TO 75400 [COOPC345 345] CKT 1
5142.2	75403 FRASR345 345	79581 GILB 345	1	0.32122	1021.9	1524.0	OPEN 79583 [MARCY T1 345] TO 75400 [COOPC345 345] CKT 1
							OPEN 75403 [FRASR345 345] TO 75400 [COOPC345 345] CKT 1
5162.6	78703 N.SCOT99 345	79583 MARCY T1 345	1	-0.30092	-1315.5	1792.0	OPEN 78450 [EDIC 345] TO 78702 [N.SCOT77 345] CKT 1
5230.4	75400 COOPC345 345	79583 MARCY T1 345	1	-0.22371	-975.6	1345.0	OPEN 75403 [FRASR345 345] TO 75400 [COOPC345 345] CKT 1
							OPEN 75405 [OAKDL345 345] TO 75403 [FRASR345 345] CKT 1
5249.1	75400 COOPC345 345	79304 N.M.TAP 345	1	0.30791	1278.8	1793.0	OPEN 74001 [ROCK TAV 345] TO 75400 [COOPC345 345] CKT 2
							OPEN 75400 [COOPC345 345] TO 75440 [COOPC115 115] CKT 1
5260.4	75400 COOPC345 345	79304 N.M.TAP 345	1	0.30767	1275.7	1793.0	OPEN 75400 [COOPC345 345] TO 74001 [ROCK TAV 345] CKT 2
5269.1	78703 N.SCOT99 345	79583 MARCY T1 345	1	-0.29575	-1292.2	1792.0	OPEN 79580 [JA FITZP 345] TO 78450 [EDIC 345] CKT 1
							OPEN 78702 [N.SCOT77 345] TO 78450 [EDIC 345] CKT 1
5274.3	75400 COOPC345 345	79583 MARCY T1 345	1	-0.22139	-969.7	1345.0	OPEN 75403 [FRASR345 345] TO 75400 [COOPC345 345] CKT 1
5277.4	75400 COOPC345 345	79583 MARCY T1 345	1	-0.22137	-969.0	1345.0	OPEN 75403 [FRASR345 345] TO 75400 [COOPC345 345] CKT 1
							OPEN 75400 [COOPC345 345] TO 75440 [COOPC115 115] CKT 1

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*** TLTG TRANSFER LIMIT OUTPUT FOR INTERFACE TOTAL EAST ***

<- INTERFACE 'TOTAL EAST ' DEFINITION ->					DISTR. FACTOR	PRE-SHIFT MW
<----- FROM ----->		<------ TO ------>		CKT		
75512 W.WDB115	115	76210 W.WDBR6969.0		1	0.00483	28.1
75403 FRASR345	345	79581 GILB 345	345	1	0.16397	410.3
75400 COOPC345	345	74001 ROCK TAV	345	2	0.16248	716.3
75400 COOPC345	345	79304 N.M.TAP	345	1	0.17401	822.1
2 BRANCHBG	500	74300 RAMAPO 5	500	1	0.00000	443.9
4989 HUDSON1	345	74328 FARRGUT1	345	1	0.00000	400.0
5039 HUDSON2	345	74329 FARRGUT2	345	1	0.00000	415.1
4996 LINDEN	230	74371 GOETHALS	230	1	0.00000	231.7
5028 WALDWICK	345	79302 SMAHWAH1	345	1	-0.00242	-444.1
5028 WALDWICK	345	79303 SMAHWAH2	345	1	0.00242	-571.8
79314 HCOR138	138	79311 BURNS138	138	1	-0.00048	-103.2
79320 SMAH138	138	79302 SMAHWAH1	345	1	0.00734	-196.0
79320 SMAH138	138	79319 RAMP138	138	1	-0.00437	-99.9
79334 CLOSTR6969.0		79357 SPARKILL69.0		1	0.00066	-7.6
79338 HCOR69	69.0	79362 WNYA69	69.0	1	0.00172	-12.0
79346 MONTVALE69.0		79327 BLUHILL 69.0		1	0.00000	6.5
79346 MONTVALE69.0		79327 BLUHILL 69.0		2	0.00000	6.5
79346 MONTVALE69.0		79400 L491T	69.0	1	0.00046	-36.4
79356 SMAH69	69.0	79340 HILB69	69.0	1	-0.00523	-45.6
79370 HCOR34	34.5	79376 PEARL34	34.5	1	-0.00010	2.8
75447 E.SPR115	115	79136 INGHAM-E	115	1	0.00861	20.2
78450 EDIC	345	78702 N.SCOT77	345	1	0.18975	898.7
78460 PORTER 2	230	78980 ROTRDM.2	230	1	0.04514	260.4
78460 PORTER 2	230	78980 ROTRDM.2	230	2	0.04638	267.4
78478 INGMS-CD	115	79136 INGHAM-E	115	1	0.00000	118.1
79583 MARCY T1	345	78703 N.SCOT99	345	1	0.20484	1003.0
79602 PLAT T#3	115	70511 GRAND IS	115	1	0.00000	117.0
74959 NEPTCONV	345	74958 NWBRG	345	1	0.00000	656.3
TOTALS FOR INTERFACE TOTAL EAST					1.00000	5307.9

TOTAL TRANS CAPAB	<---------- LIMITING ELEMENT ----------> <----- FROM ----->		<------ TO ------>		CKT	DISTR. FACTOR	PRE-SHIFT MW	RATING BAS/CNT A/C	<---------- CONTINGENCY DESCRIPTION ---------->
3832.2	79303 SMAHWAH2	345	5028 WALDWICK	345	1	0.02796	630.3	589.0	OPEN 74340 [LADENTWN 345] TO 74313 [BUCH S 345] CKT 1
									OPEN 74347 [RAMAPO 345] TO 74312 [BUCH N 345] CKT 1
									OPEN 74410 [BUCHNTA5 138] TO 74312 [BUCH N 345] CKT 1
4635.5	INTERFACE CENTRAL EAST					0.65735	3542.0	3100.0	OPEN 78450 [EDIC 345] TO 75403 [FRASR345 345] CKT 1
									OPEN 79583 [MARCY T1 345] TO 75400 [COOPC345 345] CKT 1
4925.6	INTERFACE CENTRAL EAST					0.62937	3340.6	3100.0	OPEN 79583 [MARCY T1 345] TO 75400 [COOPC345 345] CKT 1
									OPEN 75403 [FRASR345 345] TO 75400 [COOPC345 345] CKT 1
5095.9	INTERFACE CENTRAL EAST					0.60891	3229.1	3100.0	OPEN 75400 [COOPC345 345] TO 74001 [ROCK TAV 345] CKT 2
									OPEN 75400 [COOPC345 345] TO 79304 [N.M.TAP 345] CKT 1
									OPEN 79304 [N.M.TAP 345] TO 74001 [ROCK TAV 345] CKT 1
5117.3	INTERFACE TOTAL EAST					1.00000	6690.6	6500.0	OPEN 70509 [SB RCTOR 115] TO 70508 [SANDB115 115] CKT 2
									SET BUS 71786 [SANDY PD 345] LOAD TO 0 MW DISPATCH
5117.3	INTERFACE TOTAL EAST					1.00000	6690.6	6500.0	SET BUS 71786 [SANDY PD 345] LOAD TO 0 MW DISPATCH
5182.3	INTERFACE CENTRAL EAST					0.49471	3162.1	3100.0	SET BUS 71786 [SANDY PD 345] LOAD TO 0 MW DISPATCH

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*** TLTG TRANSFER LIMIT OUTPUT FOR INTERFACE TOTAL EAST ***

TOTAL TRANS CAPAB	LIMITING ELEMENT FROM	TO	CKT	DISTR. FACTOR	PRE-SHIFT MW	RATING BAS/CNT A/C	CONTINGENCY DESCRIPTION
5182.3 *	INTERFACE CENTRAL EAST			0.49471	3162.1	3100.0	OPEN 70509 [SB RCTOR 115] TO 70508 [SANDB115 115] CKT 2 SET BUS 71786 [SANDY PD 345] LOAD TO 0 MW DISPATCH
5306.2	INTERFACE TOTAL EAST			1.00000	6501.7	6500.0	OPEN 70509 [SB RCTOR 115] TO 70508 [SANDB115 115] CKT 2 REMOVE MACHINE 1 FROM BUS 72869 [SBRK G1 25.0] DISPATCH
5306.2	INTERFACE TOTAL EAST			1.00000	6501.7	6500.0	REMOVE MACHINE 1 FROM BUS 72869 [SBRK G1 25.0] DISPATCH
5338.6 *	INTERFACE TOTAL EAST			1.00000	6469.3	6500.0	OPEN 70509 [SB RCTOR 115] TO 70508 [SANDB115 115] CKT 2 REMOVE MACHINE 3 FROM BUS 73563 [MILL#3 24.0] DISPATCH
5397.6	74344 PLTVLLEY 345	78701 LEEDS 3 345	2	-0.28767	-1698.2	1724.0	OPEN 78705 [ATHENS 345] TO 74344 [PLTVLLEY 345] CKT 1
5531.5	74344 PLTVLLEY 345	78705 ATHENS 345	1	-0.27978	-1661.4	1724.0	OPEN 78701 [LEEDS 3 345] TO 74344 [PLTVLLEY 345] CKT 2
5577.1	74344 PLTVLLEY 345	78701 LEEDS 3 345	2	-0.27583	-1649.7	1724.0	OPEN 78705 [ATHENS 345] TO 74344 [PLTVLLEY 345] CKT 1 OPEN 74344 [PLTVLLEY 345] TO 74341 [MILLWOOD 345] CKT 1
5582.8	74344 PLTVLLEY 345	78701 LEEDS 3 345	2	-0.27612	-1648.1	1724.0	OPEN 78705 [ATHENS 345] TO 74344 [PLTVLLEY 345] CKT 1 OPEN 74344 [PLTVLLEY 345] TO 74356 [WOOD B 345] CKT 1
5721.2	74344 PLTVLLEY 345	78705 ATHENS 345	1	-0.26861	-1613.0	1724.0	OPEN 78701 [LEEDS 3 345] TO 74344 [PLTVLLEY 345] CKT 2 OPEN 74344 [PLTVLLEY 345] TO 74356 [WOOD B 345] CKT 1
5832.9	74344 PLTVLLEY 345	78705 ATHENS 345	1	-0.26143	-1586.7	1724.0	OPEN 78701 [LEEDS 3 345] TO 74344 [PLTVLLEY 345] CKT 2 OPEN 78702 [N.SCOT77 345] TO 78701 [LEEDS 3 345] CKT 1
6018.5	74344 PLTVLLEY 345	78701 LEEDS 3 345	2	-0.20206	-1187.4	1331.0	BASE CASE
6070.4 *	74344 PLTVLLEY 345	78701 LEEDS 3 345	2	-0.26986	-1518.2	1724.0	OPEN 79583 [MARCY T1 345] TO 75400 [COOPC345 345] CKT 1 OPEN 75403 [FRASR345 345] TO 75400 [COOPC345 345] CKT 1
6263.1	74344 PLTVLLEY 345	78705 ATHENS 345	1	-0.19229	-1147.3	1331.0	BASE CASE
6327.6 *	74344 PLTVLLEY 345	78705 ATHENS 345	1	-0.25681	-1462.1	1724.0	OPEN 79583 [MARCY T1 345] TO 75400 [COOPC345 345] CKT 1 OPEN 75403 [FRASR345 345] TO 75400 [COOPC345 345] CKT 1
6531.8	79304 N.M.TAP 345	79322 SHOEMTAP 138	1	0.06996	581.4	667.0	OPEN 74001 [ROCK TAV 345] TO 74347 [RAMAPO 345] CKT 1 OPEN 74001 [ROCK TAV 345] TO 74046 [ROCK TV1 115] CKT 1 OPEN 74046 [ROCK TV1 115] TO 74018 [SUGARLF 115] CKT 1
6579.9	79303 SMAHWAH2 345	5028 WALDWICK 345	1	0.03671	542.3	589.0	OPEN 74347 [RAMAPO 345] TO 74340 [LADENTWN 345] CKT 1 OPEN 74347 [RAMAPO 345] TO 74312 [BUCH N 345] CKT 1 OPEN 74410 [BUCHNTA5 138] TO 74312 [BUCH N 345] CKT 1
6614.9	75400 COOPC345 345	75403 FRASR345 345	1	-0.19461	-952.6	1207.0	BASE CASE
6643.7	75403 FRASR345 345	75405 OAKDL345 345	1	-0.27051	-1018.7	1380.0	OPEN 78450 [EDIC 345] TO 75403 [FRASR345 345] CKT 1 OPEN 79583 [MARCY T1 345] TO 75400 [COOPC345 345] CKT 1
6808.2	78703 N.SCOT99 345	79583 MARCY T1 345	1	-0.27660	-1377.0	1792.0	OPEN 78702 [N.SCOT77 345] TO 78450 [EDIC 345] CKT 1 OPEN 78450 [EDIC 345] TO 78460 [PORTER 2 230] CKT 1 OPEN 78450 [EDIC 345] TO 78485 [PORTER 1 115] CKT 1
6855.2	78701 LEEDS 3 345	78703 N.SCOT99 345	2	-0.29539	-1266.9	1724.0	OPEN 78701 [LEEDS 3 345] TO 78702 [N.SCOT77 345] CKT 1
6898.2	79586 ADRON B2 230	79590 MOSES W 230	1	-0.02661	-397.7	440.0	OPEN 79578 [MASS 765 765] TO 79577 [MARCY765 765] CKT 1
6898.3	79585 ADRON B1 230	79590 MOSES W 230	1	-0.02661	-397.7	440.0	OPEN 79578 [MASS 765 765] TO 79577 [MARCY765 765] CKT 1
6906.3	78703 N.SCOT99 345	79583 MARCY T1 345	1	-0.27207	-1357.1	1792.0	OPEN 78450 [EDIC 345] TO 75403 [FRASR345 345] CKT 1 OPEN 79583 [MARCY T1 345] TO 75400 [COOPC345 345] CKT 1
6947.3	75400 COOPC345 345	75403 FRASR345 345	1	-0.26071	-1275.6	1703.0	OPEN 78460 [PORTER 2 230] TO 78980 [ROTRDM.2 230] CKT 1 OPEN 79583 [MARCY T1 345] TO 75400 [COOPC345 345] CKT 1
7014.4	75400 COOPC345 345	75403 FRASR345 345	1	-0.25834	-1262.1	1703.0	OPEN 79583 [MARCY T1 345] TO 75400 [COOPC345 345] CKT 1
7017.5	75400 COOPC345 345	75403 FRASR345 345	1	-0.25828	-1261.4	1703.0	OPEN 79590 [MOSES W 230] TO 79585 [ADRON B1 230] CKT 1 OPEN 79583 [MARCY T1 345] TO 75400 [COOPC345 345] CKT 1
7019.5	75403 FRASR345 345	79581 GILB 345	1	0.29227	1023.7	1524.0	OPEN 75400 [COOPC345 345] TO 74001 [ROCK TAV 345] CKT 2 OPEN 75400 [COOPC345 345] TO 79304 [N.M.TAP 345] CKT 1 OPEN 79304 [N.M.TAP 345] TO 74001 [ROCK TAV 345] CKT 1

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*** TLTG TRANSFER LIMIT OUTPUT FOR INTERFACE CENTRAL EAST ***

<- INTERFACE 'CENTRAL EAST' DEFINITION ->

<----- FROM ----->	<------ TO ------>	CKT	DISTR. FACTOR	PRE-SHIFT MW
75447 E.SPR115 115	79136 INGHAM-E 115	1	0.01740	20.2
78450 EDIC 345	78702 N.SCOT77 345	1	0.38356	898.7
78460 PORTER 2 230	78980 ROTRDM.2 230	1	0.09124	260.4
78460 PORTER 2 230	78980 ROTRDM.2 230	2	0.09375	267.4
78478 INGMS-CD 115	79136 INGHAM-E 115	1	0.00000	118.1
79583 MARCY T1 345	78703 N.SCOT99 345	1	0.41405	1003.0
79602 PLAT T#3 115	70511 GRAND IS 115	1	0.00000	117.0
TOTALS FOR INTERFACE CENTRAL EAST			1.00000	2684.7

TOTAL TRANS CAPAB	<---------- LIMITING ELEMENT ----------> <----- FROM ----->	<------ TO ------>	CKT	DISTR. FACTOR	PRE-SHIFT MW	RATING BAS/CNT A/C	<---------- CONTINGENCY DESCRIPTION ---------->
1954.7	79303 SMAHWAH2 345	5028 WALDWICK 345	1	0.05652	630.3	589.0	OPEN 74340 [LADENTWN 345] TO 74313 [BUCH S 345] CKT 1
							OPEN 74347 [RAMAPO 345] TO 74312 [BUCH N 345] CKT 1
							OPEN 74410 [BUCHNTA5 138] TO 74312 [BUCH N 345] CKT 1
2352.1	INTERFACE CENTRAL EAST			1.32875	3542.0	3100.0	OPEN 78450 [EDIC 345] TO 75403 [FRASR345 345] CKT 1
							OPEN 79583 [MARCY T1 345] TO 75400 [COOPC345 345] CKT 1
2495.6	INTERFACE CENTRAL EAST			1.27219	3340.6	3100.0	OPEN 79583 [MARCY T1 345] TO 75400 [COOPC345 345] CKT 1
							OPEN 75403 [FRASR345 345] TO 75400 [COOPC345 345] CKT 1
2579.8	INTERFACE CENTRAL EAST			1.23084	3229.1	3100.0	OPEN 75400 [COOPC345 345] TO 74001 [ROCK TAV 345] CKT 2
							OPEN 75400 [COOPC345 345] TO 79304 [N.M.TAP 345] CKT 1
							OPEN 79304 [N.M.TAP 345] TO 74001 [ROCK TAV 345] CKT 1
2590.4	INTERFACE TOTAL EAST			2.02137	6690.6	6500.0	OPEN 70509 [SB RCTOR 115] TO 70508 [SANDB115 115] CKT 2
							SET BUS 71786 [SANDY PD 345] LOAD TO 0 MW DISPATCH
2590.4	INTERFACE TOTAL EAST			2.02137	6690.6	6500.0	SET BUS 71786 [SANDY PD 345] LOAD TO 0 MW DISPATCH
2622.6	INTERFACE CENTRAL EAST			1.00000	3162.1	3100.0	SET BUS 71786 [SANDY PD 345] LOAD TO 0 MW DISPATCH
2622.6 *	INTERFACE CENTRAL EAST			1.00000	3162.1	3100.0	OPEN 70509 [SB RCTOR 115] TO 70508 [SANDB115 115] CKT 2
							SET BUS 71786 [SANDY PD 345] LOAD TO 0 MW DISPATCH
2683.9	INTERFACE TOTAL EAST			2.02137	6501.7	6500.0	OPEN 70509 [SB RCTOR 115] TO 70508 [SANDB115 115] CKT 2
							REMOVE MACHINE 1 FROM BUS 72869 [SBRK G1 25.0] DISPATCH
2683.9	INTERFACE TOTAL EAST			2.02137	6501.7	6500.0	REMOVE MACHINE 1 FROM BUS 72869 [SBRK G1 25.0] DISPATCH
2699.9 *	INTERFACE TOTAL EAST			2.02137	6469.3	6500.0	OPEN 70509 [SB RCTOR 115] TO 70508 [SANDB115 115] CKT 2
							REMOVE MACHINE 3 FROM BUS 73563 [MILL#3 24.0] DISPATCH
2729.1	74344 PLTVLLEY 345	78701 LEEDS 3	345 2	-0.58149	-1698.2	1724.0	OPEN 78705 [ATHENS 345] TO 74344 [PLTVLLEY 345] CKT 1
2795.3	74344 PLTVLLEY 345	78705 ATHENS	345 1	-0.56554	-1661.4	1724.0	OPEN 78701 [LEEDS 3 345] TO 74344 [PLTVLLEY 345] CKT 2
2817.9	74344 PLTVLLEY 345	78701 LEEDS 3	345 2	-0.55755	-1649.7	1724.0	OPEN 78705 [ATHENS 345] TO 74344 [PLTVLLEY 345] CKT 1
							OPEN 74344 [PLTVLLEY 345] TO 74341 [MILLWOOD 345] CKT 1
2820.7	74344 PLTVLLEY 345	78701 LEEDS 3	345 2	-0.55815	-1648.1	1724.0	OPEN 78705 [ATHENS 345] TO 74344 [PLTVLLEY 345] CKT 1
							OPEN 74344 [PLTVLLEY 345] TO 74356 [WOOD B 345] CKT 1
2889.2	74344 PLTVLLEY 345	78705 ATHENS	345 1	-0.54295	-1613.0	1724.0	OPEN 78701 [LEEDS 3 345] TO 74344 [PLTVLLEY 345] CKT 2
							OPEN 74344 [PLTVLLEY 345] TO 74356 [WOOD B 345] CKT 1
2944.5	74344 PLTVLLEY 345	78705 ATHENS	345 1	-0.52844	-1586.7	1724.0	OPEN 78701 [LEEDS 3 345] TO 74344 [PLTVLLEY 345] CKT 2
							OPEN 78702 [N.SCOT77 345] TO 78701 [LEEDS 3 345] CKT 1
3036.2	74344 PLTVLLEY 345	78701 LEEDS 3	345 2	-0.40845	-1187.4	1331.0	BASE CASE
3061.9 *	74344 PLTVLLEY 345	78701 LEEDS 3	345 2	-0.54549	-1518.2	1724.0	OPEN 79583 [MARCY T1 345] TO 75400 [COOPC345 345] CKT 1
							OPEN 75403 [FRASR345 345] TO 75400 [COOPC345 345] CKT 1
3157.3	74344 PLTVLLEY 345	78705 ATHENS	345 1	-0.38869	-1147.3	1331.0	BASE CASE

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*** TLTG TRANSFER LIMIT OUTPUT FOR INTERFACE CENTRAL EAST ***

TOTAL TRANS CAPAB	LIMITING ELEMENT FROM	LIMITING ELEMENT TO	CKT	DISTR. FACTOR	PRE-SHIFT MW	RATING BAS/CNT A/C	CONTINGENCY DESCRIPTION
3189.2	*74344 PLTVLLEY 345	78705 ATHENS 345	1	-0.51911	-1462.1	1724.0	OPEN 79583 [MARCY T1 345] TO 75400 [COOPC345 345] CKT 1
							OPEN 75403 [FRASR345 345] TO 75400 [COOPC345 345] CKT 1
3290.2	79304 N.M.TAP 345	79322 SHOEMTAP 138	1	0.14141	581.4	667.0	OPEN 74001 [ROCK TAV 345] TO 74347 [RAMAPO 345] CKT 1
							OPEN 74001 [ROCK TAV 345] TO 74046 [ROCK TV1 115] CKT 1
							OPEN 74046 [ROCK TV1 115] TO 74018 [SUGARLF 115] CKT 1
3314.0	79303 SMAHWAH2 345	5028 WALDWICK 345	1	0.07421	542.3	589.0	OPEN 74347 [RAMAPO 345] TO 74340 [LADENTWN 345] CKT 1
							OPEN 74347 [RAMAPO 345] TO 74312 [BUCH N 345] CKT 1
							OPEN 74410 [BUCHNTA5 138] TO 74312 [BUCH N 345] CKT 1
3331.3	75400 COOPC345 345	75403 FRASR345 345	1	-0.39339	-952.6	1207.0	BASE CASE
3345.5	75403 FRASR345 345	75405 OAKDL345 345	1	-0.54679	-1018.7	1380.0	OPEN 78450 [EDIC 345] TO 75403 [FRASR345 345] CKT 1
							OPEN 79583 [MARCY T1 345] TO 75400 [COOPC345 345] CKT 1
3426.9	78703 N.SCOT99 345	79583 MARCY T1 345	1	-0.55911	-1377.0	1792.0	OPEN 78702 [N.SCOT77 345] TO 78450 [EDIC 345] CKT 1
							OPEN 78450 [EDIC 345] TO 78460 [PORTER 2 230] CKT 1
							OPEN 78450 [EDIC 345] TO 78485 [PORTER 1 115] CKT 1
3450.2	78701 LEEDS 3 345	78703 N.SCOT99 345	2	-0.59710	-1266.9	1724.0	OPEN 78701 [LEEDS 3 345] TO 78702 [N.SCOT77 345] CKT 1
3471.5	79586 ADRON B2 230	79590 MOSES W 230	1	-0.05379	-397.7	440.0	OPEN 79578 [MASS 765 765] TO 79577 [MARCY765 765] CKT 1
3471.5	79585 ADRON B1 230	79590 MOSES W 230	1	-0.05379	-397.7	440.0	OPEN 79578 [MASS 765 765] TO 79577 [MARCY765 765] CKT 1
3475.5	78703 N.SCOT99 345	79583 MARCY T1 345	1	-0.54994	-1357.1	1792.0	OPEN 78450 [EDIC 345] TO 75403 [FRASR345 345] CKT 1
							OPEN 79583 [MARCY T1 345] TO 75400 [COOPC345 345] CKT 1
3495.8	75400 COOPC345 345	75403 FRASR345 345	1	-0.52699	-1275.6	1703.0	OPEN 78460 [PORTER 2 230] TO 78980 [ROTRDM.2 230] CKT 1
							OPEN 79583 [MARCY T1 345] TO 75400 [COOPC345 345] CKT 1
3528.9	75400 COOPC345 345	75403 FRASR345 345	1	-0.52221	-1262.1	1703.0	OPEN 79583 [MARCY T1 345] TO 75400 [COOPC345 345] CKT 1
3530.5	75400 COOPC345 345	75403 FRASR345 345	1	-0.52208	-1261.4	1703.0	OPEN 79590 [MOSES W 230] TO 79585 [ADRON B1 230] CKT 1
							OPEN 79583 [MARCY T1 345] TO 75400 [COOPC345 345] CKT 1
3531.5	75403 FRASR345 345	79581 GILB 345 345	1	0.59079	1023.7	1524.0	OPEN 75400 [COOPC345 345] TO 74001 [ROCK TAV 345] CKT 2
							OPEN 75400 [COOPC345 345] TO 79304 [N.M.TAP 345] CKT 1
							OPEN 79304 [N.M.TAP 345] TO 74001 [ROCK TAV 345] CKT 1
3535.4	*75400 COOPC345 345	75403 FRASR345 345	1	-0.52190	-1259.0	1703.0	OPEN 79577 [MARCY765 765] TO 79583 [MARCY T1 345] CKT 1
							OPEN 79583 [MARCY T1 345] TO 75400 [COOPC345 345] CKT 1
3543.9	75403 FRASR345 345	79581 GILB 345 345	1	0.58437	1021.9	1524.0	OPEN 79583 [MARCY T1 345] TO 75400 [COOPC345 345] CKT 1
							OPEN 75403 [FRASR345 345] TO 75400 [COOPC345 345] CKT 1
3555.1	78703 N.SCOT99 345	79583 MARCY T1 345	1	-0.54744	-1315.5	1792.0	OPEN 78450 [EDIC 345] TO 78702 [N.SCOT77 345] CKT 1
3592.4	75400 COOPC345 345	79583 MARCY T1 345	1	-0.40698	-975.6	1345.0	OPEN 75403 [FRASR345 345] TO 75400 [COOPC345 345] CKT 1
							OPEN 75405 [OAKDL345 345] TO 75403 [FRASR345 345] CKT 1
3602.7	75400 COOPC345 345	79304 N.M.TAP 345	1	0.56015	1278.8	1793.0	OPEN 74001 [ROCK TAV 345] TO 75400 [COOPC345 345] CKT 2
							OPEN 75400 [COOPC345 345] TO 75440 [COOPC115 115] CKT 1
3608.9	75400 COOPC345 345	79304 N.M.TAP 345	1	0.55973	1275.7	1793.0	OPEN 75400 [COOPC345 345] TO 74001 [ROCK TAV 345] CKT 2
3613.7	78703 N.SCOT99 345	79583 MARCY T1 345	1	-0.53804	-1292.2	1792.0	OPEN 79580 [JA FITZP 345] TO 78450 [EDIC 345] CKT 1
							OPEN 78702 [N.SCOT77 345] TO 78450 [EDIC 345] CKT 1
3616.5	75400 COOPC345 345	79583 MARCY T1 345	1	-0.40275	-969.7	1345.0	OPEN 75403 [FRASR345 345] TO 75400 [COOPC345 345] CKT 1
3618.2	75400 COOPC345 345	79583 MARCY T1 345	1	-0.40273	-969.0	1345.0	OPEN 75403 [FRASR345 345] TO 75400 [COOPC345 345] CKT 1
							OPEN 75400 [COOPC345 345] TO 75440 [COOPC115 115] CKT 1
3632.7	75403 FRASR345 345	75405 OAKDL345 345	1	-0.50462	-901.6	1380.0	OPEN 77400 [CLAY 345] TO 78450 [EDIC 345] CKT 2
							OPEN 78450 [EDIC 345] TO 75403 [FRASR345 345] CKT 1
3634.6	78450 EDIC 345	78702 N.SCOT77 345	1	0.52017	1229.9	1724.0	OPEN 79590 [MOSES W 230] TO 79586 [ADRON B2 230] CKT 1
							OPEN 79583 [MARCY T1 345] TO 78703 [N.SCOT99 345] CKT 1
3635.9	78450 EDIC 345	78702 N.SCOT77 345	1	0.52007	1229.3	1724.0	OPEN 78703 [N.SCOT99 345] TO 79583 [MARCY T1 345] CKT 1

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*** TLTG TRANSFER LIMIT OUTPUT FOR INTERFACE CENT E+FGILB ***

<- INTERFACE 'CENT E+FGILB' DEFINITION ->

<----- FROM ----->	<------ TO ------>	CKT	DISTR. FACTOR	PRE-SHIFT MW
75403 FRASR345 345	79581 GILB 345 345	1	0.24893	410.3
75447 E.SPR115 115	79136 INGHAM-E 115	1	0.01307	20.2
78450 EDIC 345	78702 N.SCOT77 345	1	0.28808	898.7
78460 PORTER 2 230	78980 ROTRDM.2 230	1	0.06853	260.4
78460 PORTER 2 230	78980 ROTRDM.2 230	2	0.07042	267.4
78478 INGMS-CD 115	79136 INGHAM-E 115	1	0.00000	118.1
79583 MARCY T1 345	78703 N.SCOT99 345	1	0.31098	1003.0
79602 PLAT T#3 115	70511 GRAND IS 115	1	0.00000	117.0
TOTALS FOR INTERFACE CENT E+FGILB			1.00000	3095.0

TOTAL TRANS CAPAB	<---------- LIMITING ELEMENT ----------> <----- FROM ----->	<------ TO ------>	CKT	DISTR. FACTOR	PRE-SHIFT MW	RATING BAS/CNT A/C	<---------- CONTINGENCY DESCRIPTION ---------->
2123.1	79303 SMAHWAH2 345	5028 WALDWICK 345	1	0.04245	630.3	589.0	OPEN 74340 [LADENTWN 345] TO 74313 [BUCH S 345] CKT 1
							OPEN 74347 [RAMAPO 345] TO 74312 [BUCH N 345] CKT 1
							OPEN 74410 [BUCHNTA5 138] TO 74312 [BUCH N 345] CKT 1
2652.2	INTERFACE CENTRAL EAST			0.99798	3542.0	3100.0	OPEN 78450 [EDIC 345] TO 75403 [FRASR345 345] CKT 1
							OPEN 79583 [MARCY T1 345] TO 75400 [COOPC345 345] CKT 1
2843.2	INTERFACE CENTRAL EAST			0.95550	3340.6	3100.0	OPEN 79583 [MARCY T1 345] TO 75400 [COOPC345 345] CKT 1
							OPEN 75403 [FRASR345 345] TO 75400 [COOPC345 345] CKT 1
2955.4	INTERFACE CENTRAL EAST			0.92444	3229.1	3100.0	OPEN 75400 [COOPC345 345] TO 74001 [ROCK TAV 345] CKT 2
							OPEN 75400 [COOPC345 345] TO 79304 [N.M.TAP 345] CKT 1
							OPEN 79304 [N.M.TAP 345] TO 74001 [ROCK TAV 345] CKT 1
2969.5	INTERFACE TOTAL EAST			1.51819	6690.6	6500.0	OPEN 70509 [SB RCTOR 115] TO 70508 [SANDB115 115] CKT 2
							SET BUS 71786 [SANDY PD 345] LOAD TO 0 MW DISPATCH
2969.5	INTERFACE TOTAL EAST			1.51819	6690.6	6500.0	SET BUS 71786 [SANDY PD 345] LOAD TO 0 MW DISPATCH
3012.3	INTERFACE CENTRAL EAST			0.75107	3162.1	3100.0	SET BUS 71786 [SANDY PD 345] LOAD TO 0 MW DISPATCH
3012.3 *	INTERFACE CENTRAL EAST			0.75107	3162.1	3100.0	OPEN 70509 [SB RCTOR 115] TO 70508 [SANDB115 115] CKT 2
							SET BUS 71786 [SANDY PD 345] LOAD TO 0 MW DISPATCH
3093.9	INTERFACE TOTAL EAST			1.51819	6501.7	6500.0	OPEN 70509 [SB RCTOR 115] TO 70508 [SANDB115 115] CKT 2
							REMOVE MACHINE 1 FROM BUS 72869 [SBRK G1 25.0] DISPATCH
3093.9	INTERFACE TOTAL EAST			1.51819	6501.7	6500.0	REMOVE MACHINE 1 FROM BUS 72869 [SBRK G1 25.0] DISPATCH
3115.3 *	INTERFACE TOTAL EAST			1.51819	6469.3	6500.0	OPEN 70509 [SB RCTOR 115] TO 70508 [SANDB115 115] CKT 2
							REMOVE MACHINE 3 FROM BUS 73563 [MILL#3 24.0] DISPATCH
3154.2	74344 PLTVLLEY 345	78701 LEEDS 3	345 2	-0.43674	-1698.2	1724.0	OPEN 78705 [ATHENS 345] TO 74344 [PLTVLLEY 345] CKT 1
3242.3	74344 PLTVLLEY 345	78705 ATHENS	345 1	-0.42476	-1661.4	1724.0	OPEN 78701 [LEEDS 3 345] TO 74344 [PLTVLLEY 345] CKT 2
3272.4	74344 PLTVLLEY 345	78701 LEEDS 3	345 2	-0.41876	-1649.7	1724.0	OPEN 78705 [ATHENS 345] TO 74344 [PLTVLLEY 345] CKT 1
							OPEN 74344 [PLTVLLEY 345] TO 74341 [MILLWOOD 345] CKT 1
3276.1	74344 PLTVLLEY 345	78701 LEEDS 3	345 2	-0.41921	-1648.1	1724.0	OPEN 78705 [ATHENS 345] TO 74344 [PLTVLLEY 345] CKT 1
							OPEN 74344 [PLTVLLEY 345] TO 74356 [WOOD B 345] CKT 1
3367.3	74344 PLTVLLEY 345	78705 ATHENS	345 1	-0.40779	-1613.0	1724.0	OPEN 78701 [LEEDS 3 345] TO 74344 [PLTVLLEY 345] CKT 2
							OPEN 74344 [PLTVLLEY 345] TO 74356 [WOOD B 345] CKT 1
3440.9	74344 PLTVLLEY 345	78705 ATHENS	345 1	-0.39690	-1586.7	1724.0	OPEN 78701 [LEEDS 3 345] TO 74344 [PLTVLLEY 345] CKT 2
							OPEN 78702 [N.SCOT77 345] TO 78701 [LEEDS 3 345] CKT 1
3563.1	74344 PLTVLLEY 345	78701 LEEDS 3	345 2	-0.30677	-1187.4	1331.0	BASE CASE
3597.3 *	74344 PLTVLLEY 345	78701 LEEDS 3	345 2	-0.40970	-1518.2	1724.0	OPEN 79583 [MARCY T1 345] TO 75400 [COOPC345 345] CKT 1
							OPEN 75403 [FRASR345 345] TO 75400 [COOPC345 345] CKT 1
3724.2	74344 PLTVLLEY 345	78705 ATHENS	345 1	-0.29193	-1147.3	1331.0	BASE CASE

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*** TLTG TRANSFER LIMIT OUTPUT FOR INTERFACE CENT E+FGILB ***

TOTAL TRANS CAPAB	LIMITING ELEMENT FROM			TO			CKT	DISTR. FACTOR	PRE-SHIFT MW	RATING BAS/CNT A/C	CONTINGENCY DESCRIPTION
3766.7	*74344	PLTVLLEY	345	78705	ATHENS	345	1	-0.38989	-1462.1	1724.0	OPEN 79583 [MARCY T1 345] TO 75400 [COOPC345 345] CKT 1
											OPEN 75403 [FRASR345 345] TO 75400 [COOPC345 345] CKT 1
3901.2	79304	N.M.TAP	345	79322	SHOEMTAP	138	1	0.10621	581.4	667.0	OPEN 74001 [ROCK TAV 345] TO 74347 [RAMAPO 345] CKT 1
											OPEN 74001 [ROCK TAV 345] TO 74046 [ROCK TV1 115] CKT 1
											OPEN 74046 [ROCK TV1 115] TO 74018 [SUGARLF 115] CKT 1
3932.9	79303	SMAHWAH2	345	5028	WALDWICK	345	1	0.05573	542.3	589.0	OPEN 74347 [RAMAPO 345] TO 74340 [LADENTWN 345] CKT 1
											OPEN 74347 [RAMAPO 345] TO 74312 [BUCH N 345] CKT 1
											OPEN 74410 [BUCHNTA5 138] TO 74312 [BUCH N 345] CKT 1
3956.0	75400	COOPC345	345	75403	FRASR345	345	1	-0.29546	-952.6	1207.0	BASE CASE
3974.9	75403	FRASR345	345	75405	OAKDL345	345	1	-0.41068	-1018.7	1380.0	OPEN 78450 [EDIC 345] TO 75403 [FRASR345 345] CKT 1
											OPEN 79583 [MARCY T1 345] TO 75400 [COOPC345 345] CKT 1
4083.3	78703	N.SCOT99	345	79583	MARCY T1	345	1	-0.41993	-1377.0	1792.0	OPEN 78702 [N.SCOT77 345] TO 78450 [EDIC 345] CKT 1
											OPEN 78450 [EDIC 345] TO 78460 [PORTER 2 230] CKT 1
											OPEN 78450 [EDIC 345] TO 78485 [PORTER 1 115] CKT 1
4114.2	78701	LEEDS 3	345	78703	N.SCOT99	345	2	-0.44846	-1266.9	1724.0	OPEN 78701 [LEEDS 3 345] TO 78702 [N.SCOT77 345] CKT 1
4142.6	79586	ADRON B2	230	79590	MOSES W	230	1	-0.04040	-397.7	440.0	OPEN 79578 [MASS 765 765] TO 79577 [MARCY765 765] CKT 1
4142.6	79585	ADRON B1	230	79590	MOSES W	230	1	-0.04040	-397.7	440.0	OPEN 79578 [MASS 765 765] TO 79577 [MARCY765 765] CKT 1
4147.9	78703	N.SCOT99	345	79583	MARCY T1	345	1	-0.41305	-1357.1	1792.0	OPEN 78450 [EDIC 345] TO 75403 [FRASR345 345] CKT 1
											OPEN 79583 [MARCY T1 345] TO 75400 [COOPC345 345] CKT 1
4174.9	75400	COOPC345	345	75403	FRASR345	345	1	-0.39580	-1275.6	1703.0	OPEN 78460 [PORTER 2 230] TO 78980 [ROTRDM.2 230] CKT 1
											OPEN 79583 [MARCY T1 345] TO 75400 [COOPC345 345] CKT 1
4219.1	75400	COOPC345	345	75403	FRASR345	345	1	-0.39221	-1262.1	1703.0	OPEN 79583 [MARCY T1 345] TO 75400 [COOPC345 345] CKT 1
4221.1	75400	COOPC345	345	75403	FRASR345	345	1	-0.39212	-1261.4	1703.0	OPEN 79590 [MOSES W 230] TO 79585 [ADRON B1 230] CKT 1
											OPEN 79583 [MARCY T1 345] TO 75400 [COOPC345 345] CKT 1
4222.5	75403	FRASR345	345	79581	GILB 345	345	1	0.44373	1023.7	1524.0	OPEN 75400 [COOPC345 345] TO 74001 [ROCK TAV 345] CKT 2
											OPEN 75400 [COOPC345 345] TO 79304 [N.M.TAP 345] CKT 1
											OPEN 79304 [N.M.TAP 345] TO 74001 [ROCK TAV 345] CKT 1
4227.6	*75400	COOPC345	345	75403	FRASR345	345	1	-0.39198	-1259.0	1703.0	OPEN 79577 [MARCY765 765] TO 79583 [MARCY T1 345] CKT 1
											OPEN 79583 [MARCY T1 345] TO 75400 [COOPC345 345] CKT 1
4239.0	75403	FRASR345	345	79581	GILB 345	345	1	0.43891	1021.9	1524.0	OPEN 79583 [MARCY T1 345] TO 75400 [COOPC345 345] CKT 1
											OPEN 75403 [FRASR345 345] TO 75400 [COOPC345 345] CKT 1
4253.9	78703	N.SCOT99	345	79583	MARCY T1	345	1	-0.41117	-1315.5	1792.0	OPEN 78450 [EDIC 345] TO 78702 [N.SCOT77 345] CKT 1
4303.6	75400	COOPC345	345	79583	MARCY T1	345	1	-0.30567	-975.6	1345.0	OPEN 75403 [FRASR345 345] TO 75400 [COOPC345 345] CKT 1
											OPEN 75405 [OAKDL345 345] TO 75403 [FRASR345 345] CKT 1
4317.3	75400	COOPC345	345	79304	N.M.TAP	345	1	0.42071	1278.8	1793.0	OPEN 74001 [ROCK TAV 345] TO 75400 [COOPC345 345] CKT 2
											OPEN 75400 [COOPC345 345] TO 75440 [COOPC115 115] CKT 1
4325.5	75400	COOPC345	345	79304	N.M.TAP	345	1	0.42040	1275.7	1793.0	OPEN 75400 [COOPC345 345] TO 74001 [ROCK TAV 345] CKT 2
4331.9	78703	N.SCOT99	345	79583	MARCY T1	345	1	-0.40411	-1292.2	1792.0	OPEN 79580 [JA FITZP 345] TO 78450 [EDIC 345] CKT 1
											OPEN 78702 [N.SCOT77 345] TO 78450 [EDIC 345] CKT 1
4335.7	75400	COOPC345	345	79583	MARCY T1	345	1	-0.30250	-969.7	1345.0	OPEN 75403 [FRASR345 345] TO 75400 [COOPC345 345] CKT 1
4338.0	75400	COOPC345	345	79583	MARCY T1	345	1	-0.30248	-969.0	1345.0	OPEN 75403 [FRASR345 345] TO 75400 [COOPC345 345] CKT 1
											OPEN 75400 [COOPC345 345] TO 75440 [COOPC115 115] CKT 1
4357.2	75403	FRASR345	345	75405	OAKDL345	345	1	-0.37900	-901.6	1380.0	OPEN 77400 [CLAY 345] TO 78450 [EDIC 345] CKT 2
											OPEN 78450 [EDIC 345] TO 75403 [FRASR345 345] CKT 1
4359.8	78450	EDIC	345	78702	N.SCOT77	345	1	0.39068	1229.9	1724.0	OPEN 79590 [MOSES W 230] TO 79586 [ADRON B2 230] CKT 1
											OPEN 79583 [MARCY T1 345] TO 78703 [N.SCOT99 345] CKT 1
4361.4	78450	EDIC	345	78702	N.SCOT77	345	1	0.39061	1229.3	1724.0	OPEN 78703 [N.SCOT99 345] TO 79583 [MARCY T1 345] CKT 1

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*** TLTG TRANSFER LIMIT OUTPUT FOR INTERFACE CENT E+FGILB ***

TOTAL TRANS CAPAB	<---------- LIMITING ELEMENT ----------> FROM	TO	CKT	DISTR. FACTOR	PRE-SHIFT MW	RATING BAS/CNT A/C	<---------- CONTINGENCY DESCRIPTION ---------->
4373.9	74001 ROCK TAV 345	75400 COOPC345 345	2	-0.39743	-1284.7	1793.0	OPEN 79304 [N.M.TAP 345] TO 75400 [COOPC345 345] CKT 1
							OPEN 74001 [ROCK TAV 345] TO 79304 [N.M.TAP 345] CKT 1
							OPEN 74002 [ROSETON 345] TO 74001 [ROCK TAV 345] CKT 1
4378.5	78450 EDIC 345	78702 N.SCOT77 345	1	0.39017	1223.2	1724.0	OPEN 79577 [MARCY765 765] TO 79583 [MARCY T1 345] CKT 2
							OPEN 78703 [N.SCOT99 345] TO 79583 [MARCY T1 345] CKT 1
4382.6	74001 ROCK TAV 345	74347 RAMAPO 345	1	0.47900	1552.3	2169.0	OPEN 74331 [FISHKILL 345] TO 74022 [E FISH I 115] CKT 1
							OPEN 74331 [FISHKILL 345] TO 74002 [ROSETON 345] CKT 1
4391.1	74001 ROCK TAV 345	74347 RAMAPO 345	1	0.47133	1558.1	2169.0	OPEN 74002 [ROSETON 345] TO 74331 [FISHKILL 345] CKT 1
4404.1	75403 FRASR345 345	78450 EDIC 345	1	-0.29686	-991.4	1380.0	OPEN 75405 [OAKDL345 345] TO 75403 [FRASR345 345] CKT 1
							OPEN 75405 [OAKDL345 345] TO 75489 [OAK2M115 115] CKT 1
							OPEN 75405 [OAKDL345 345] TO 75490 [OAK3M115 115] CKT 1
4404.2	78701 LEEDS 3 345	78703 N.SCOT99 345	2	-0.40222	-1197.4	1724.0	OPEN 78701 [LEEDS 3 345] TO 78705 [ATHENS 345] CKT 1
							OPEN 78702 [N.SCOT77 345] TO 78701 [LEEDS 3 345] CKT 1
4413.6	75403 FRASR345 345	78450 EDIC 345	1	-0.29121	-996.0	1380.0	OPEN 75405 [OAKDL345 345] TO 75403 [FRASR345 345] CKT 1
							OPEN 75405 [OAKDL345 345] TO 77403 [LAFAYTTE 345] CKT 1
4417.3	78450 EDIC 345	78702 N.SCOT77 345	1	0.38063	1220.7	1724.0	OPEN 78450 [EDIC 345] TO 75403 [FRASR345 345] CKT 1
							OPEN 79583 [MARCY T1 345] TO 75400 [COOPC345 345] CKT 1
4419.4	*78450 EDIC 345	78702 N.SCOT77 345	1	0.37970	1221.2	1724.0	OPEN 78701 [LEEDS 3 345] TO 78703 [N.SCOT99 345] CKT 2
							OPEN 78703 [N.SCOT99 345] TO 78766 [N.SCOT1 115] CKT 1
							OPEN 78703 [N.SCOT99 345] TO 79581 [GILB 345 345] CKT 1
							OPEN 78703 [N.SCOT99 345] TO 79583 [MARCY T1 345] CKT 1
4419.5	75403 FRASR345 345	75405 OAKDL345 345	1	-0.38708	-867.3	1380.0	OPEN 78450 [EDIC 345] TO 75403 [FRASR345 345] CKT 1
							OPEN 75403 [FRASR345 345] TO 75455 [FRASR115 115] CKT 1
4448.4	75403 FRASR345 345	75405 OAKDL345 345	1	-0.36817	-881.7	1380.0	OPEN 78460 [PORTER 2 230] TO 78980 [ROTRDM.2 230] CKT 1
							OPEN 78450 [EDIC 345] TO 75403 [FRASR345 345] CKT 1
4455.6	74001 ROCK TAV 345	75400 COOPC345 345	2	-0.40906	-1236.5	1793.0	OPEN 79304 [N.M.TAP 345] TO 75400 [COOPC345 345] CKT 1
							OPEN 79304 [N.M.TAP 345] TO 74001 [ROCK TAV 345] CKT 1
							OPEN 75400 [COOPC345 345] TO 75440 [COOPC115 115] CKT 2
4455.7	74001 ROCK TAV 345	75400 COOPC345 345	2	-0.40906	-1236.4	1793.0	OPEN 79304 [N.M.TAP 345] TO 75400 [COOPC345 345] CKT 1
							OPEN 79304 [N.M.TAP 345] TO 74001 [ROCK TAV 345] CKT 1
							OPEN 75400 [COOPC345 345] TO 75440 [COOPC115 115] CKT 1
4462.6	*78703 N.SCOT99 345	79583 MARCY T1 345	1	-0.39049	-1258.0	1792.0	OPEN 79583 [MARCY T1 345] TO 75400 [COOPC345 345] CKT 1
							OPEN 75403 [FRASR345 345] TO 75400 [COOPC345 345] CKT 1
4469.9	78460 PORTER 2 230	79586 ADRON B2 230	1	-0.04040	-393.5	449.0	OPEN 79578 [MASS 765 765] TO 79577 [MARCY765 765] CKT 1
4507.9	*75403 FRASR345 345	75405 OAKDL345 345	1	-0.36497	-864.4	1380.0	OPEN 78450 [EDIC 345] TO 75403 [FRASR345 345] CKT 1
							OPEN 78450 [EDIC 345] TO 78460 [PORTER 2 230] CKT 1
							OPEN 78450 [EDIC 345] TO 78485 [PORTER 1 115] CKT 1
4515.6	74002 ROSETON 345	74331 FISHKILL 345	1	0.28284	1533.2	1935.0	BASE CASE
4522.0	78701 LEEDS 3 345	78703 N.SCOT99 345	2	-0.40153	-1151.0	1724.0	OPEN 78702 [N.SCOT77 345] TO 78450 [EDIC 345] CKT 1
							OPEN 78702 [N.SCOT77 345] TO 78701 [LEEDS 3 345] CKT 1
							OPEN 78702 [N.SCOT77 345] TO 78766 [N.SCOT1 115] CKT 1
							OPEN 78702 [N.SCOT77 345] TO 78700 [ALPS345 345] CKT 1
4522.0	78701 LEEDS 3 345	78703 N.SCOT99 345	2	-0.40153	-1151.0	1724.0	OPEN 78700 [ALPS345 345] TO 78702 [N.SCOT77 345] CKT 1
							OPEN 78701 [LEEDS 3 345] TO 78702 [N.SCOT77 345] CKT 1
							OPEN 78702 [N.SCOT77 345] TO 78450 [EDIC 345] CKT 1
							OPEN 78702 [N.SCOT77 345] TO 78766 [N.SCOT1 115] CKT 1

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*** TLTG TRANSFER LIMIT OUTPUT FOR INTERFACE CE GROUP ***

<- INTERFACE 'CE GROUP ' DEFINITION -> FROM	TO	CKT	DISTR. FACTOR	PRE-SHIFT MW
75512 W.WDB115 115	76210 W.WDBR6969.0	1	0.00483	28.1
75403 FRASR345 345	79581 GILB 345 345	1	0.16397	410.3
75400 COOPC345 345	74001 ROCK TAV 345	2	0.16248	716.3
75400 COOPC345 345	79304 N.M.TAP 345	1	0.17401	822.1
75447 E.SPR115 115	79136 INGHAM-E 115	1	0.00861	20.2
78450 EDIC 345	78702 N.SCOT77 345	1	0.18975	898.7
78460 PORTER 2 230	78980 ROTRDM.2 230	1	0.04514	260.4
78460 PORTER 2 230	78980 ROTRDM.2 230	2	0.04638	267.4
78478 INGMS-CD 115	79136 INGHAM-E 115	1	0.00000	118.1
79583 MARCY T1 345	78703 N.SCOT99 345	1	0.20484	1003.0
TOTALS FOR INTERFACE CE GROUP			1.00000	4544.6

TOTAL TRANS CAPAB	<---------- LIMITING ELEMENT ----------> FROM	TO	CKT	DISTR. FACTOR	PRE-SHIFT MW	RATING BAS/CNT A/C	<---------- CONTINGENCY DESCRIPTION ---------->
3068.9	79303 SMAHWAH2 345	5028 WALDWICK 345	1	0.02796	630.3	589.0	OPEN 74340 [LADENTWN 345] TO 74313 [BUCH S 345] CKT 1
							OPEN 74347 [RAMAPO 345] TO 74312 [BUCH N 345] CKT 1
							OPEN 74410 [BUCHNTA5 138] TO 74312 [BUCH N 345] CKT 1
3872.2	INTERFACE CENTRAL EAST			0.65735	3542.0	3100.0	OPEN 78450 [EDIC 345] TO 75403 [FRASR345 345] CKT 1
							OPEN 79583 [MARCY T1 345] TO 75400 [COOPC345 345] CKT 1
4162.3	INTERFACE CENTRAL EAST			0.62937	3340.6	3100.0	OPEN 79583 [MARCY T1 345] TO 75400 [COOPC345 345] CKT 1
							OPEN 75403 [FRASR345 345] TO 75400 [COOPC345 345] CKT 1
4332.6	INTERFACE CENTRAL EAST			0.60891	3229.1	3100.0	OPEN 75400 [COOPC345 345] TO 74001 [ROCK TAV 345] CKT 2
							OPEN 75400 [COOPC345 345] TO 79304 [N.M.TAP 345] CKT 1
							OPEN 79304 [N.M.TAP 345] TO 74001 [ROCK TAV 345] CKT 1
4354.0	INTERFACE TOTAL EAST			1.00000	6690.6	6500.0	OPEN 70509 [SB RCTOR 115] TO 70508 [SANDB115 115] CKT 2
							SET BUS 71786 [SANDY PD 345] LOAD TO 0 MW DISPATCH
4354.0	INTERFACE TOTAL EAST			1.00000	6690.6	6500.0	SET BUS 71786 [SANDY PD 345] LOAD TO 0 MW DISPATCH
4419.0	INTERFACE CENTRAL EAST			0.49471	3162.1	3100.0	SET BUS 71786 [SANDY PD 345] LOAD TO 0 MW DISPATCH
4419.0 *	INTERFACE CENTRAL EAST			0.49471	3162.1	3100.0	OPEN 70509 [SB RCTOR 115] TO 70508 [SANDB115 115] CKT 2
							SET BUS 71786 [SANDY PD 345] LOAD TO 0 MW DISPATCH
4542.9	INTERFACE TOTAL EAST			1.00000	6501.7	6500.0	OPEN 70509 [SB RCTOR 115] TO 70508 [SANDB115 115] CKT 2
							REMOVE MACHINE 1 FROM BUS 72869 [SBRK G1 25.0] DISPATCH
4542.9	INTERFACE TOTAL EAST			1.00000	6501.7	6500.0	REMOVE MACHINE 1 FROM BUS 72869 [SBRK G1 25.0] DISPATCH
4575.3 *	INTERFACE TOTAL EAST			1.00000	6469.3	6500.0	OPEN 70509 [SB RCTOR 115] TO 70508 [SANDB115 115] CKT 2
							REMOVE MACHINE 3 FROM BUS 73563 [MILL#3 24.0] DISPATCH
4634.3	74344 PLTVLLEY 345	78701 LEEDS 3	345 2	-0.28767	-1698.2	1724.0	OPEN 78705 [ATHENS 345] TO 74344 [PLTVLLEY 345] CKT 1
4768.2	74344 PLTVLLEY 345	78705 ATHENS	345 1	-0.27978	-1661.4	1724.0	OPEN 78701 [LEEDS 3 345] TO 74344 [PLTVLLEY 345] CKT 2
4813.8	74344 PLTVLLEY 345	78701 LEEDS 3	345 2	-0.27583	-1649.7	1724.0	OPEN 78705 [ATHENS 345] TO 74344 [PLTVLLEY 345] CKT 1
							OPEN 74344 [PLTVLLEY 345] TO 74341 [MILLWOOD 345] CKT 1
4819.5	74344 PLTVLLEY 345	78701 LEEDS 3	345 2	-0.27612	-1648.1	1724.0	OPEN 78705 [ATHENS 345] TO 74344 [PLTVLLEY 345] CKT 1
							OPEN 74344 [PLTVLLEY 345] TO 74356 [WOOD B 345] CKT 1
4957.9	74344 PLTVLLEY 345	78705 ATHENS	345 1	-0.26861	-1613.0	1724.0	OPEN 78701 [LEEDS 3 345] TO 74344 [PLTVLLEY 345] CKT 2
							OPEN 74344 [PLTVLLEY 345] TO 74356 [WOOD B 345] CKT 1
5069.6	74344 PLTVLLEY 345	78705 ATHENS	345 1	-0.26143	-1586.7	1724.0	OPEN 78701 [LEEDS 3 345] TO 74344 [PLTVLLEY 345] CKT 2
							OPEN 78702 [N.SCOT77 345] TO 78701 [LEEDS 3 345] CKT 1
5255.2	74344 PLTVLLEY 345	78701 LEEDS 3	345 2	-0.20206	-1187.4	1331.0	BASE CASE

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*** TLTG TRANSFER LIMIT OUTPUT FOR INTERFACE CE GROUP ***

TOTAL TRANS CAPAB	LIMITING ELEMENT FROM	LIMITING ELEMENT TO	CKT	DISTR. FACTOR	PRE-SHIFT MW	RATING BAS/CNT A/C	CONTINGENCY DESCRIPTION
5307.1	*74344 PLTVLLEY 345	78701 LEEDS 3 345 2		-0.26986	-1518.2	1724.0	OPEN 79583 [MARCY T1 345] TO 75400 [COOPC345 345] CKT 1
							OPEN 75403 [FRASR345 345] TO 75400 [COOPC345 345] CKT 1
5499.8	74344 PLTVLLEY 345	78705 ATHENS 345 1		-0.19229	-1147.3	1331.0	BASE CASE
5564.3	*74344 PLTVLLEY 345	78705 ATHENS 345 1		-0.25681	-1462.1	1724.0	OPEN 79583 [MARCY T1 345] TO 75400 [COOPC345 345] CKT 1
							OPEN 75403 [FRASR345 345] TO 75400 [COOPC345 345] CKT 1
5768.5	79304 N.M.TAP 345	79322 SHOEMTAP 138 1		0.06996	581.4	667.0	OPEN 74001 [ROCK TAV 345] TO 74347 [RAMAPO 345] CKT 1
							OPEN 74001 [ROCK TAV 345] TO 74046 [ROCK TV1 115] CKT 1
							OPEN 74046 [ROCK TV1 115] TO 74018 [SUGARLF 115] CKT 1
5816.6	79303 SMAHWAH2 345	5028 WALDWICK 345 1		0.03671	542.3	589.0	OPEN 74347 [RAMAPO 345] TO 74340 [LADENTWN 345] CKT 1
							OPEN 74347 [RAMAPO 345] TO 74312 [BUCH N 345] CKT 1
							OPEN 74410 [BUCHNTA5 138] TO 74312 [BUCH N 345] CKT 1
5851.6	75400 COOPC345 345	75403 FRASR345 345 1		-0.19461	-952.6	1207.0	BASE CASE
5880.4	75403 FRASR345 345	75405 OAKDL345 345 1		-0.27051	-1018.7	1380.0	OPEN 78450 [EDIC 345] TO 75403 [FRASR345 345] CKT 1
							OPEN 79583 [MARCY T1 345] TO 75400 [COOPC345 345] CKT 1
6044.9	78703 N.SCOT99 345	79583 MARCY T1 345 1		-0.27660	-1377.0	1792.0	OPEN 78702 [N.SCOT77 345] TO 78450 [EDIC 345] CKT 1
							OPEN 78450 [EDIC 345] TO 78460 [PORTER 2 230] CKT 1
							OPEN 78450 [EDIC 345] TO 78485 [PORTER 1 115] CKT 1
6091.9	78701 LEEDS 3 345	78703 N.SCOT99 345 2		-0.29539	-1266.9	1724.0	OPEN 78701 [LEEDS 3 345] TO 78702 [N.SCOT77 345] CKT 1
6134.9	79586 ADRON B2 230	79590 MOSES W 230 1		-0.02661	-397.7	440.0	OPEN 79578 [MASS 765 765] TO 79577 [MARCY765 765] CKT 1
6135.0	79585 ADRON B1 230	79590 MOSES W 230 1		-0.02661	-397.7	440.0	OPEN 79578 [MASS 765 765] TO 79577 [MARCY765 765] CKT 1
6143.0	78703 N.SCOT99 345	79583 MARCY T1 345 1		-0.27207	-1357.1	1792.0	OPEN 78450 [EDIC 345] TO 75403 [FRASR345 345] CKT 1
							OPEN 79583 [MARCY T1 345] TO 75400 [COOPC345 345] CKT 1
6184.1	75400 COOPC345 345	75403 FRASR345 345 1		-0.26071	-1275.6	1703.0	OPEN 78460 [PORTER 2 230] TO 78980 [ROTRDM.2 230] CKT 1
							OPEN 79583 [MARCY T1 345] TO 75400 [COOPC345 345] CKT 1
6251.1	75400 COOPC345 345	75403 FRASR345 345 1		-0.25834	-1262.1	1703.0	OPEN 79583 [MARCY T1 345] TO 75400 [COOPC345 345] CKT 1
6254.2	75400 COOPC345 345	75403 FRASR345 345 1		-0.25828	-1261.4	1703.0	OPEN 79590 [MOSES W 230] TO 79585 [ADRON B1 230] CKT 1
							OPEN 79583 [MARCY T1 345] TO 75400 [COOPC345 345] CKT 1
6256.3	75403 FRASR345 345	79581 GILB 345 345 1		0.29227	1023.7	1524.0	OPEN 75400 [COOPC345 345] TO 74001 [ROCK TAV 345] CKT 2
							OPEN 75400 [COOPC345 345] TO 79304 [N.M.TAP 345] CKT 1
							OPEN 79304 [N.M.TAP 345] TO 74001 [ROCK TAV 345] CKT 1
6264.1	*75400 COOPC345 345	75403 FRASR345 345 1		-0.25819	-1259.0	1703.0	OPEN 79577 [MARCY765 765] TO 79583 [MARCY T1 345] CKT 1
							OPEN 79583 [MARCY T1 345] TO 75400 [COOPC345 345] CKT 1
6281.4	75403 FRASR345 345	79581 GILB 345 345 1		0.28910	1021.9	1524.0	OPEN 79583 [MARCY T1 345] TO 75400 [COOPC345 345] CKT 1
							OPEN 75403 [FRASR345 345] TO 75400 [COOPC345 345] CKT 1
6304.0	78703 N.SCOT99 345	79583 MARCY T1 345 1		-0.27083	-1315.5	1792.0	OPEN 78450 [EDIC 345] TO 78702 [N.SCOT77 345] CKT 1
6379.3	75400 COOPC345 345	79583 MARCY T1 345 1		-0.20134	-975.6	1345.0	OPEN 75403 [FRASR345 345] TO 75400 [COOPC345 345] CKT 1
							OPEN 75405 [OAKDL345 345] TO 75403 [FRASR345 345] CKT 1
6400.2	75400 COOPC345 345	79304 N.M.TAP 345 1		0.27712	1278.8	1793.0	OPEN 74001 [ROCK TAV 345] TO 75400 [COOPC345 345] CKT 2
							OPEN 75400 [COOPC345 345] TO 75440 [COOPC115 115] CKT 1
6412.7	75400 COOPC345 345	79304 N.M.TAP 345 1		0.27691	1275.7	1793.0	OPEN 75400 [COOPC345 345] TO 74001 [ROCK TAV 345] CKT 2
6422.4	78703 N.SCOT99 345	79583 MARCY T1 345 1		-0.26618	-1292.2	1792.0	OPEN 79580 [JA FITZP 345] TO 78450 [EDIC 345] CKT 1
							OPEN 78702 [N.SCOT77 345] TO 78450 [EDIC 345] CKT 1
6428.2	75400 COOPC345 345	79583 MARCY T1 345 1		-0.19925	-969.7	1345.0	OPEN 75403 [FRASR345 345] TO 75400 [COOPC345 345] CKT 1
6431.6	75400 COOPC345 345	79583 MARCY T1 345 1		-0.19924	-969.0	1345.0	OPEN 75403 [FRASR345 345] TO 75400 [COOPC345 345] CKT 1
							OPEN 75400 [COOPC345 345] TO 75440 [COOPC115 115] CKT 1
6460.7	75403 FRASR345 345	75405 OAKDL345 345 1		-0.24964	-901.6	1380.0	OPEN 77400 [CLAY 345] TO 78450 [EDIC 345] CKT 2
							OPEN 78450 [EDIC 345] TO 75403 [FRASR345 345] CKT 1

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*** TLTG EXPORT LIMIT OUTPUT FOR BASE CASE ***

DISTRIBUTION FACTOR FILE: C:\NYISO\CRPP4\uc.dfx
SUBSYSTEM DESCRIPTION FILE: C:\NYISO\CRPP\sysuc.sub
MONITORED ELEMENT FILE: C:\NYISO\CRPP\monuc.mon
CONTINGENCY DESCRIPTION FILE: C:\NYISO\CRPP\contuc.con

	PRE-SHIFT	DELTA	POST-SHIFT
STUDY SYSTEM MW GENERATION:	717.4	1000.0	1717.4
OPPOSING SYSTEM MW GENERATION:	2896.7	-1000.0	1896.7
STUDY SYSTEM NET INTERCHANGE:	700.1	1000.0	1700.1

<---------- STUDY SYSTEM ---------->				<---------- OPPOSING SYSTEM ---------->				
	<---- GENERATOR MW ---->				<---- GENERATOR MW ---->			
BUS	BUS NAME	BASE	SHIFT	CHANGE	BUS	BUS NAME	BASE	SHIFT	CHANGE
80900	LAKEVWG518.0	211.9	545.2	333.3	74302	ER G7	13.2	166.0	96.0	-70.0
81422	LENNOXG220.0	505.5	1172.2	666.7	74702	RAV 3	22.0	972.0	672.0	-300.0
					74705	AST 4	20.0	632.7	432.7	-200.0
					74706	AST 5	20.0	361.0	261.0	-100.0
					74707	RAV 1	20.0	385.0	235.0	-150.0
					74907	NRTPTG2	22.0	380.0	200.0	-180.0

INSOLUBLE CASE: UNABLE TO RELIEVE PRE-SHIFT SOLUTION OVERLOADS
WITHOUT CAUSING ADDITIONAL OVERLOADING

LOADINGS AT OR ABOVE 100.0 %
OF RATING ARE MARKED WITH '*'

						<---------- BASE CASE ---------->				
<----- FROM ----->		<------ TO ------>		CKT	TOTAL TRANS CAPAB	RATING A	PRE-SHIFT MW	POST-SHIFT MW	LIMIT CASE MW	DISTR. FACTOR
74344	PLTVLLEY 345	78701	LEEDS 3 345	2	1409.7	1331	-1187.	-1390.*	-1331.*	-0.20235
74344	PLTVLLEY 345	78705	ATHENS 345	1	1653.9	1331	-1147.	-1340.*	-1284.	-0.19256
74403	ASTORIAW 138	74496	HG 5 138	1	1807.5	177	7.6	160.6	116.1	0.15297
74403	ASTORIAW 138	74497	HG 6 138	1	1860.1	177	8.8	153.8	111.7	0.14500
74316	DUNWODIE 345	74651	REAC72 345	SR	2045.2	715	431.6	642.3	581.1	0.21071
74316	DUNWODIE 345	74650	REAC71 345	SR	2045.2	715	431.6	642.3	581.1	0.21071
74651	REAC72 345	74691	S. BRONX 345	4	2045.2	715	431.6	642.3	581.1	0.21071
74650	REAC71 345	74691	S. BRONX 345	3	2045.2	715	431.6	642.3	581.1	0.21071
74348	SPRBROOK 345	74567	REACM51 345	SR	2303.8	774	454.0	653.5	595.6	0.19955
74348	SPRBROOK 345	74568	REACM52 345	SR	2303.8	774	454.0	653.5	595.6	0.19955
74354	W 49 ST 345	74567	REACM51 345	1	2313.5	774	-452.1	-651.6	-593.7	-0.19955
74354	W 49 ST 345	74568	REACM52 345	2	2313.5	774	-452.1	-651.6	-593.7	-0.19955
74435	E179 ST 138	74497	HG 6 138	1	2340.6	222	270.6*	-29.7	57.5	-0.30026
74316	DUNWODIE 345	75000	SHORE RD 345	1	2503.8	687	364.1	543.1	491.1	0.17902
	INTERFACE F TO G				2614.5	4527	3422.6	3999.5	3832.0	0.57688
74345	RAINEY 345	74612	8W DUM 138	8	2614.9	240	-188.3	35.4	-29.6	0.22368
74002	ROSETON 345	74331	FISHKILL 345	1	2706.5	1935	1533.2	1733.5	1675.3	0.20025
74345	RAINEY 345	74691	S. BRONX 345	3	2752.5	715	-282.5	-493.2	-432.1	-0.21071
74345	RAINEY 345	74691	S. BRONX 345	4	2752.5	715	-282.5	-493.2	-432.1	-0.21071
74345	RAINEY 345	74611	8E DUM 138	8	3026.2	271	-256.1	-29.5	-95.3	0.22661

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*** TLTG TRANSFER LIMIT OUTPUT FOR INTERFACE F TO G ***

<- INTERFACE 'F TO G ' DEFINITION ->

<----- FROM ----->	<------ TO ------>	CKT	DISTR. FACTOR	PRE-SHIFT MW
78742 BLUES-8 115	74043 PL.VAL 1 115	1	0.02169	66.5
78739 BL STR E 115	74043 PL.VAL 1 115	1	0.02538	58.3
78730 ADM 115	74043 PL.VAL 1 115	1	0.02251	56.4
78757 BOC 2T 115	74040 N.CAT. 1 115	2	0.02004	105.5
78701 LEEDS 3 345	74000 HURLEY 3 345	1	0.22582	801.2
78705 ATHENS 345	74344 PLTVLLEY 345	1	0.33380	1147.3
78701 LEEDS 3 345	74344 PLTVLLEY 345	2	0.35076	1187.4
TOTALS FOR INTERFACE F TO G			1.00000	3422.6

TOTAL TRANS CAPAB	<---------- LIMITING ELEMENT ----------> <----- FROM ----->	<------ TO ------>	CKT	DISTR. FACTOR	PRE-SHIFT MW	RATING BAS/CNT A/C	<---------- CONTINGENCY DESCRIPTION ---------->
666.4	79319 RAMP138 138	79361 TALLMAN 138	1	0.04126	418.1	304.4	OPEN 74347 [RAMAPO 345] TO 74340 [LADENTWN 345] CKT 1
							OPEN 74340 [LADENTWN 345] TO 79300 [WHAV345 345] CKT 1
							OPEN 79300 [WHAV345 345] TO 74310 [BOWLINE1 345] CKT 10
							OPEN 79300 [WHAV345 345] TO 79325 [WHAV138 138] CKT 1
							OPEN 79391 [BOW1 20.0] TO 74310 [BOWLINE1 345] CKT 1
							REDUCE BUS 79391 [BOW1 20.0] GENERATION BY 100 PERCENT DISPATCH
1921.2	74018 SUGARLF 115	74046 ROCK TV1 115	1	-0.03612	-272.2	218.0	OPEN 79304 [N.M.TAP 345] TO 79322 [SHOEMTAP 138] CKT 1
1921.2	74018 SUGARLF 115	74046 ROCK TV1 115	1	-0.03612	-272.2	218.0	OPEN 79321 [SHOEM138 138] TO 79322 [SHOEMTAP 138] CKT 1
1944.0	74018 SUGARLF 115	79359 SGRLF69 69.0	1	0.03612	271.4	218.0	OPEN 79304 [N.M.TAP 345] TO 79322 [SHOEMTAP 138] CKT 1
1944.0	74018 SUGARLF 115	79359 SGRLF69 69.0	1	0.03612	271.4	218.0	OPEN 79321 [SHOEM138 138] TO 79322 [SHOEMTAP 138] CKT 1
2202.4	74018 SUGARLF 115	74046 ROCK TV1 115	1	-0.03683	-262.9	218.0	OPEN 79304 [N.M.TAP 345] TO 75400 [COOPC345 345] CKT 1
							OPEN 74001 [ROCK TAV 345] TO 79304 [N.M.TAP 345] CKT 1
							OPEN 74002 [ROSETON 345] TO 74001 [ROCK TAV 345] CKT 1
2224.8	74018 SUGARLF 115	79359 SGRLF69 69.0	1	0.03683	262.1	218.0	OPEN 79304 [N.M.TAP 345] TO 75400 [COOPC345 345] CKT 1
							OPEN 74001 [ROCK TAV 345] TO 79304 [N.M.TAP 345] CKT 1
							OPEN 74002 [ROSETON 345] TO 74001 [ROCK TAV 345] CKT 1
2231.3	79313 MONSEY 138	79361 TALLMAN 138	1	-0.04126	-353.6	304.4	OPEN 74347 [RAMAPO 345] TO 74340 [LADENTWN 345] CKT 1
							OPEN 74340 [LADENTWN 345] TO 79300 [WHAV345 345] CKT 1
							OPEN 79300 [WHAV345 345] TO 74310 [BOWLINE1 345] CKT 10
							OPEN 79300 [WHAV345 345] TO 79325 [WHAV138 138] CKT 1
							OPEN 79391 [BOW1 20.0] TO 74310 [BOWLINE1 345] CKT 1
							REDUCE BUS 79391 [BOW1 20.0] GENERATION BY 100 PERCENT DISPATCH
2850.2	79303 SMAHWAH2 345	5028 WALDWICK 345	1	0.07209	630.3	589.0	OPEN 74340 [LADENTWN 345] TO 74313 [BUCH S 345] CKT 1
							OPEN 74347 [RAMAPO 345] TO 74312 [BUCH N 345] CKT 1
							OPEN 74410 [BUCHNTA5 138] TO 74312 [BUCH N 345] CKT 1
3004.9	74018 SUGARLF 115	74046 ROCK TV1 115	1	-0.04028	-234.8	218.0	OPEN 74001 [ROCK TAV 345] TO 74347 [RAMAPO 345] CKT 1
							OPEN 74347 [RAMAPO 345] TO 74312 [BUCH N 345] CKT 1
							OPEN 74410 [BUCHNTA5 138] TO 74312 [BUCH N 345] CKT 1
3025.3	74018 SUGARLF 115	79359 SGRLF69 69.0	1	0.04028	234.0	218.0	OPEN 74001 [ROCK TAV 345] TO 74347 [RAMAPO 345] CKT 1
							OPEN 74347 [RAMAPO 345] TO 74312 [BUCH N 345] CKT 1
							OPEN 74410 [BUCHNTA5 138] TO 74312 [BUCH N 345] CKT 1

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*** TLTG TRANSFER LIMIT OUTPUT FOR INTERFACE F TO G ***

TOTAL TRANS CAPAB	LIMITING ELEMENT FROM	LIMITING ELEMENT TO	CKT	DISTR. FACTOR	PRE-SHIFT MW	RATING BAS/CNT A/C	CONTINGENCY DESCRIPTION
3127.7	79311 BURNS138 138	79313 MONSEY 138 1		-0.04126	-316.6	304.4	OPEN 74347 [RAMAPO 345] TO 74340 [LADENTWN 345] CKT 1
							OPEN 74340 [LADENTWN 345] TO 79300 [WHAV345 345] CKT 1
							OPEN 79300 [WHAV345 345] TO 74310 [BOWLINE1 345] CKT 10
							OPEN 79300 [WHAV345 345] TO 79325 [WHAV138 138] CKT 1
							OPEN 79391 [BOW1 20.0] TO 74310 [BOWLINE1 345] CKT 1
							REDUCE BUS 79391 [BOW1 20.0] GENERATION BY 100 PERCENT DISPATCH
3220.3	*74018 SUGARLF 115	74046 ROCK TV1 115 1		-0.04413	-226.9	218.0	OPEN 74001 [ROCK TAV 345] TO 74347 [RAMAPO 345] CKT 1
3238.9	*74018 SUGARLF 115	79359 SGRLF69 69.0 1		0.04413	226.1	218.0	OPEN 74001 [ROCK TAV 345] TO 74347 [RAMAPO 345] CKT 1
3474.3	74344 PLTVLLEY 345	78701 LEEDS 3 345 2		-0.49937	-1698.2	1724.0	OPEN 74344 [PLTVLLEY 345] TO 78705 [ATHENS 345] CKT 1
3551.4	74344 PLTVLLEY 345	78705 ATHENS 345 1		-0.48567	-1661.4	1724.0	OPEN 74344 [PLTVLLEY 345] TO 78701 [LEEDS 3 345] CKT 2
3577.7	74344 PLTVLLEY 345	78701 LEEDS 3 345 2		-0.47892	-1649.7	1724.0	OPEN 78705 [ATHENS 345] TO 74344 [PLTVLLEY 345] CKT 1
							OPEN 74344 [PLTVLLEY 345] TO 74341 [MILLWOOD 345] CKT 1
3580.9	74344 PLTVLLEY 345	78701 LEEDS 3 345 2		-0.47942	-1648.1	1724.0	OPEN 78705 [ATHENS 345] TO 74344 [PLTVLLEY 345] CKT 1
							OPEN 74344 [PLTVLLEY 345] TO 74356 [WOOD B 345] CKT 1
3660.6	74344 PLTVLLEY 345	78705 ATHENS 345 1		-0.46637	-1613.0	1724.0	OPEN 78701 [LEEDS 3 345] TO 74344 [PLTVLLEY 345] CKT 2
							OPEN 74344 [PLTVLLEY 345] TO 74356 [WOOD B 345] CKT 1
3703.2	79308 CHESTER 138	79321 SHOEM138 138 1		-0.09248	-278.5	304.4	OPEN 74001 [ROCK TAV 345] TO 74347 [RAMAPO 345] CKT 1
							OPEN 74001 [ROCK TAV 345] TO 74046 [ROCK TV1 115] CKT 1
							OPEN 74046 [ROCK TV1 115] TO 74018 [SUGARLF 115] CKT 1
3724.3	74344 PLTVLLEY 345	78705 ATHENS 345 1		-0.45489	-1586.7	1724.0	OPEN 78701 [LEEDS 3 345] TO 74344 [PLTVLLEY 345] CKT 2
							OPEN 78702 [N.SCOT77 345] TO 78701 [LEEDS 3 345] CKT 1
3832.0	74344 PLTVLLEY 345	78701 LEEDS 3 345 2		-0.35076	-1187.4	1331.0	BASE CASE
3860.7	*74344 PLTVLLEY 345	78701 LEEDS 3 345 2		-0.46967	-1518.2	1724.0	OPEN 79583 [MARCY T1 345] TO 75400 [COOPC345 345] CKT 1
							OPEN 75403 [FRASR345 345] TO 75400 [COOPC345 345] CKT 1
3972.9	74344 PLTVLLEY 345	78705 ATHENS 345 1		-0.33380	-1147.3	1331.0	BASE CASE
4008.5	*74344 PLTVLLEY 345	78705 ATHENS 345 1		-0.44696	-1462.1	1724.0	OPEN 79583 [MARCY T1 345] TO 75400 [COOPC345 345] CKT 1
							OPEN 75403 [FRASR345 345] TO 75400 [COOPC345 345] CKT 1
4061.5	74403 ASTORIAW 138	74496 HG 5 138 1		0.26517	7.6	177.0	BASE CASE
4091.8	74403 ASTORIAW 138	74497 HG 6 138 1		0.25136	8.8	177.0	BASE CASE
4117.9	79308 CHESTER 138	79323 SGRLF138 138 1		0.09248	240.1	304.4	OPEN 74001 [ROCK TAV 345] TO 74347 [RAMAPO 345] CKT 1
							OPEN 74001 [ROCK TAV 345] TO 74046 [ROCK TV1 115] CKT 1
							OPEN 74046 [ROCK TV1 115] TO 74018 [SUGARLF 115] CKT 1
4140.9	79308 CHESTER 138	79321 SHOEM138 138 1		-0.08564	-242.9	304.4	OPEN 74001 [ROCK TAV 345] TO 74347 [RAMAPO 345] CKT 1
							OPEN 74001 [ROCK TAV 345] TO 74046 [ROCK TV1 115] CKT 1
4155.9	74345 RAINEY 345	74691 S. BRONX 345 4		-0.71740	-554.9	1081.0	OPEN 74345 [RAINEY 345] TO 74691 [S. BRONX 345] CKT 3
4155.9	74345 RAINEY 345	74691 S. BRONX 345 3		-0.71740	-554.9	1081.0	OPEN 74345 [RAINEY 345] TO 74691 [S. BRONX 345] CKT 4
4163.4	79304 N.M.TAP 345	79322 SHOEMTAP 138 1		0.11558	581.4	667.0	OPEN 74001 [ROCK TAV 345] TO 74347 [RAMAPO 345] CKT 1
							OPEN 74001 [ROCK TAV 345] TO 74046 [ROCK TV1 115] CKT 1
							OPEN 74046 [ROCK TV1 115] TO 74018 [SUGARLF 115] CKT 1
4182.3	79303 SMAHWAH2 345	5028 WALDWICK 345 1		0.06147	542.3	589.0	OPEN 74347 [RAMAPO 345] TO 74340 [LADENTWN 345] CKT 1
							OPEN 74347 [RAMAPO 345] TO 74312 [BUCH N 345] CKT 1
							OPEN 74410 [BUCHNTA5 138] TO 74312 [BUCH N 345] CKT 1
4198.5	74316 DUNWODIE 345	74651 REAC72 345	SR	0.36526	431.6	715.0	BASE CASE
4198.5	74316 DUNWODIE 345	74650 REAC71 345	SR	0.36526	431.6	715.0	BASE CASE
4198.5	74650 REAC71 345	74691 S. BRONX 345	3	0.36525	431.6	715.0	BASE CASE

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*** TLTG TRANSFER LIMIT OUTPUT FOR INTERFACE UPNY-S OPEN ***

<- INTERFACE 'UPNY-S OPEN ' DEFINITION ->

<----- FROM ----->	<------ TO ------>	CKT	DISTR. FACTOR	PRE-SHIFT MW
2 BRANCHBG 500	74300 RAMAPO 5 500	1	0.00000	443.9
75400 COOPC345 345	79304 N.M.TAP 345	1	0.17551	822.1
75400 COOPC345 345	74001 ROCK TAV 345	2	0.16427	716.3
75512 W.WDB115 115	76210 W.WDBR6969.0	1	0.00506	28.1
78742 BLUES-8 115	74043 PL.VAL 1 115	1	0.01253	66.5
78739 BL STR E 115	74043 PL.VAL 1 115	1	0.01466	58.3
78730 ADM 115	74043 PL.VAL 1 115	1	0.01300	56.4
78757 BOC 2T 115	74040 N.CAT. 1 115	2	0.01158	105.5
78701 LEEDS 3 345	74000 HURLEY 3 345	1	0.13044	801.2
78705 ATHENS 345	74344 PLTVLLEY 345	1	0.19282	1147.3
78701 LEEDS 3 345	74344 PLTVLLEY 345	2	0.20262	1187.4
73117 CTNY398 345	74344 PLTVLLEY 345	1	0.07751	-256.2
TOTALS FOR INTERFACE UPNY-S OPEN			1.00000	5176.9

TOTAL TRANS CAPAB	<---------- LIMITING ELEMENT ----------> <----- FROM ----->	<------ TO ------>	CKT	DISTR. FACTOR	PRE-SHIFT MW	RATING BAS/CNT A/C	<---------- CONTINGENCY DESCRIPTION ---------->
405.4	79319 RAMP138 138	79361 TALLMAN 138	1	0.02384	418.1	304.4	OPEN 74347 [RAMAPO 345] TO 74340 [LADENTWN 345] CKT 1
							OPEN 74340 [LADENTWN 345] TO 79300 [WHAV345 345] CKT 1
							OPEN 79300 [WHAV345 345] TO 74310 [BOWLINE1 345] CKT 10
							OPEN 79300 [WHAV345 345] TO 79325 [WHAV138 138] CKT 1
							OPEN 79391 [BOW1 20.0] TO 74310 [BOWLINE1 345] CKT 1
							REDUCE BUS 79391 [BOW1 20.0] GENERATION BY 100 PERCENT DISPATCH
2577.7	74018 SUGARLF 115	74046 ROCK TV1 115	1	-0.02086	-272.2	218.0	OPEN 79304 [N.M.TAP 345] TO 79322 [SHOEMTAP 138] CKT 1
2577.7	74018 SUGARLF 115	74046 ROCK TV1 115	1	-0.02086	-272.2	218.0	OPEN 79321 [SHOEM138 138] TO 79322 [SHOEMTAP 138] CKT 1
2617.1	74018 SUGARLF 115	79359 SGRLF69 69.0	1	0.02086	271.4	218.0	OPEN 79304 [N.M.TAP 345] TO 79322 [SHOEMTAP 138] CKT 1
2617.1	74018 SUGARLF 115	79359 SGRLF69 69.0	1	0.02086	271.4	218.0	OPEN 79321 [SHOEM138 138] TO 79322 [SHOEMTAP 138] CKT 1
3064.6	74018 SUGARLF 115	74046 ROCK TV1 115	1	-0.02127	-262.9	218.0	OPEN 79304 [N.M.TAP 345] TO 75400 [COOPC345 345] CKT 1
							OPEN 74001 [ROCK TAV 345] TO 79304 [N.M.TAP 345] CKT 1
							OPEN 74002 [ROSETON 345] TO 74001 [ROCK TAV 345] CKT 1
3103.3	74018 SUGARLF 115	79359 SGRLF69 69.0	1	0.02127	262.1	218.0	OPEN 79304 [N.M.TAP 345] TO 75400 [COOPC345 345] CKT 1
							OPEN 74001 [ROCK TAV 345] TO 79304 [N.M.TAP 345] CKT 1
							OPEN 74002 [ROSETON 345] TO 74001 [ROCK TAV 345] CKT 1
3114.6	79313 MONSEY 138	79361 TALLMAN 138	1	-0.02384	-353.6	304.4	OPEN 74347 [RAMAPO 345] TO 74340 [LADENTWN 345] CKT 1
							OPEN 74340 [LADENTWN 345] TO 79300 [WHAV345 345] CKT 1
							OPEN 79300 [WHAV345 345] TO 74310 [BOWLINE1 345] CKT 10
							OPEN 79300 [WHAV345 345] TO 79325 [WHAV138 138] CKT 1
							OPEN 79391 [BOW1 20.0] TO 74310 [BOWLINE1 345] CKT 1
							REDUCE BUS 79391 [BOW1 20.0] GENERATION BY 100 PERCENT DISPATCH
4186.0	79303 SMAHWAH2 345	5028 WALDWICK 345	1	0.04164	630.3	589.0	OPEN 74340 [LADENTWN 345] TO 74313 [BUCH S 345] CKT 1
							OPEN 74347 [RAMAPO 345] TO 74312 [BUCH N 345] CKT 1
							OPEN 74410 [BUCHNTA5 138] TO 74312 [BUCH N 345] CKT 1
4453.8	74018 SUGARLF 115	74046 ROCK TV1 115	1	-0.02327	-234.8	218.0	OPEN 74001 [ROCK TAV 345] TO 74347 [RAMAPO 345] CKT 1
							OPEN 74347 [RAMAPO 345] TO 74312 [BUCH N 345] CKT 1
							OPEN 74410 [BUCHNTA5 138] TO 74312 [BUCH N 345] CKT 1
4489.2	74018 SUGARLF 115	79359 SGRLF69 69.0	1	0.02327	234.0	218.0	OPEN 74001 [ROCK TAV 345] TO 74347 [RAMAPO 345] CKT 1
							OPEN 74347 [RAMAPO 345] TO 74312 [BUCH N 345] CKT 1
							OPEN 74410 [BUCHNTA5 138] TO 74312 [BUCH N 345] CKT 1

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*** TLTG TRANSFER LIMIT OUTPUT FOR INTERFACE UPNY-S OPEN ***

TOTAL TRANS CAPAB	LIMITING ELEMENT FROM			TO			CKT	DISTR. FACTOR	PRE-SHIFT MW	RATING BAS/CNT A/C	CONTINGENCY DESCRIPTION
4666.3	79311	BURNS138	138	79313	MONSEY	138	1	-0.02384	-316.6	304.4	OPEN 74347 [RAMAPO 345] TO 74340 [LADENTWN 345] CKT 1
											OPEN 74340 [LADENTWN 345] TO 79300 [WHAV345 345] CKT 1
											OPEN 79300 [WHAV345 345] TO 74310 [BOWLINE1 345] CKT 10
											OPEN 79300 [WHAV345 345] TO 79325 [WHAV138 138] CKT 1
											OPEN 79391 [BOW1 20.0] TO 74310 [BOWLINE1 345] CKT 1
											REDUCE BUS 79391 [BOW1 20.0] GENERATION BY 100 PERCENT DISPATCH
4826.7	*74018	SUGARLF	115	74046	ROCK TV1	115	1	-0.02549	-226.9	218.0	OPEN 74001 [ROCK TAV 345] TO 74347 [RAMAPO 345] CKT 1
4859.0	*74018	SUGARLF	115	79359	SGRLF69	69.0	1	0.02549	226.1	218.0	OPEN 74001 [ROCK TAV 345] TO 74347 [RAMAPO 345] CKT 1
5266.4	74344	PLTVLLEY	345	78701	LEEDS 3	345	2	-0.28845	-1698.2	1724.0	OPEN 74344 [PLTVLLEY 345] TO 78705 [ATHENS 345] CKT 1
5399.9	74344	PLTVLLEY	345	78705	ATHENS	345	1	-0.28054	-1661.4	1724.0	OPEN 74344 [PLTVLLEY 345] TO 78701 [LEEDS 3 345] CKT 2
5445.4	74344	PLTVLLEY	345	78701	LEEDS 3	345	2	-0.27665	-1649.7	1724.0	OPEN 78705 [ATHENS 345] TO 74344 [PLTVLLEY 345] CKT 1
											OPEN 74344 [PLTVLLEY 345] TO 74341 [MILLWOOD 345] CKT 1
5451.0	74344	PLTVLLEY	345	78701	LEEDS 3	345	2	-0.27693	-1648.1	1724.0	OPEN 78705 [ATHENS 345] TO 74344 [PLTVLLEY 345] CKT 1
											OPEN 74344 [PLTVLLEY 345] TO 74356 [WOOD B 345] CKT 1
5589.0	74344	PLTVLLEY	345	78705	ATHENS	345	1	-0.26939	-1613.0	1724.0	OPEN 78701 [LEEDS 3 345] TO 74344 [PLTVLLEY 345] CKT 2
											OPEN 74344 [PLTVLLEY 345] TO 74356 [WOOD B 345] CKT 1
5662.6	79308	CHESTER	138	79321	SHOEM138	138	1	-0.05342	-278.5	304.4	OPEN 74001 [ROCK TAV 345] TO 74347 [RAMAPO 345] CKT 1
											OPEN 74001 [ROCK TAV 345] TO 74046 [ROCK TV1 115] CKT 1
											OPEN 74046 [ROCK TV1 115] TO 74018 [SUGARLF 115] CKT 1
5699.3	74344	PLTVLLEY	345	78705	ATHENS	345	1	-0.26277	-1586.7	1724.0	OPEN 78701 [LEEDS 3 345] TO 74344 [PLTVLLEY 345] CKT 2
											OPEN 78702 [N.SCOT77 345] TO 78701 [LEEDS 3 345] CKT 1
5885.6	74344	PLTVLLEY	345	78701	LEEDS 3	345	2	-0.20262	-1187.4	1331.0	BASE CASE
5935.4	*74344	PLTVLLEY	345	78701	LEEDS 3	345	2	-0.27130	-1518.2	1724.0	OPEN 79583 [MARCY T1 345] TO 75400 [COOPC345 345] CKT 1
											OPEN 75403 [FRASR345 345] TO 75400 [COOPC345 345] CKT 1
6129.5	74344	PLTVLLEY	345	78705	ATHENS	345	1	-0.19282	-1147.3	1331.0	BASE CASE
6191.2	*74344	PLTVLLEY	345	78705	ATHENS	345	1	-0.25818	-1462.1	1724.0	OPEN 79583 [MARCY T1 345] TO 75400 [COOPC345 345] CKT 1
											OPEN 75403 [FRASR345 345] TO 75400 [COOPC345 345] CKT 1
6282.9	74403	ASTORIAW	138	74496	HG 5	138	1	0.15317	7.6	177.0	BASE CASE
6335.4	74403	ASTORIAW	138	74497	HG 6	138	1	0.14519	8.8	177.0	BASE CASE
6380.6	79308	CHESTER	138	79323	SGRLF138	138	1	0.05342	240.1	304.4	OPEN 74001 [ROCK TAV 345] TO 74347 [RAMAPO 345] CKT 1
											OPEN 74001 [ROCK TAV 345] TO 74046 [ROCK TV1 115] CKT 1
											OPEN 74046 [ROCK TV1 115] TO 74018 [SUGARLF 115] CKT 1
6420.5	79308	CHESTER	138	79321	SHOEM138	138	1	-0.04947	-242.9	304.4	OPEN 74001 [ROCK TAV 345] TO 74347 [RAMAPO 345] CKT 1
											OPEN 74001 [ROCK TAV 345] TO 74046 [ROCK TV1 115] CKT 1
6446.4	74345	RAINEY	345	74691	S. BRONX	345	4	-0.41440	-554.9	1081.0	OPEN 74345 [RAINEY 345] TO 74691 [S. BRONX 345] CKT 3
6446.4	74345	RAINEY	345	74691	S. BRONX	345	3	-0.41440	-554.9	1081.0	OPEN 74345 [RAINEY 345] TO 74691 [S. BRONX 345] CKT 4
6459.4	79304	N.M.TAP	345	79322	SHOEMTAP	138	1	0.06676	581.4	667.0	OPEN 74001 [ROCK TAV 345] TO 74347 [RAMAPO 345] CKT 1
											OPEN 74001 [ROCK TAV 345] TO 74046 [ROCK TV1 115] CKT 1
											OPEN 74046 [ROCK TV1 115] TO 74018 [SUGARLF 115] CKT 1
6492.0	79303	SMAHWAH2	345	5028	WALDWICK	345	1	0.03551	542.3	589.0	OPEN 74347 [RAMAPO 345] TO 74340 [LADENTWN 345] CKT 1
											OPEN 74347 [RAMAPO 345] TO 74312 [BUCH N 345] CKT 1
											OPEN 74410 [BUCHNTA5 138] TO 74312 [BUCH N 345] CKT 1
6520.2	74316	DUNWODIE	345	74651	REAC72	345	SR	0.21099	431.6	715.0	BASE CASE
6520.2	74316	DUNWODIE	345	74650	REAC71	345	SR	0.21099	431.6	715.0	BASE CASE
6520.2	74650	REAC71	345	74691	S. BRONX	345	3	0.21099	431.6	715.0	BASE CASE
6520.2	74651	REAC72	345	74691	S. BRONX	345	4	0.21099	431.6	715.0	BASE CASE

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*** TLTG TRANSFER LIMIT OUTPUT FOR INTERFACE UPNY-C OPEN ***

<- INTERFACE 'UPNY-C OPEN ' DEFINITION ->

<----- FROM ----->	<------ TO ------>	CKT	DISTR. FACTOR	PRE-SHIFT MW
74002 ROSETON 345	74331 FISHKILL 345	1	0.20033	1533.2
74026 FISHKILL 115	75762 SYLVN115 115	1	0.00963	121.7
74022 E FISH I 115	74331 FISHKILL 345	1	0.01838	-135.6
74340 LADENTWN 345	74313 BUCH S 345	1	0.13592	339.4
74344 PLTVLLEY 345	74331 FISHKILL 345	1	0.07768	209.8
74344 PLTVLLEY 345	74331 FISHKILL 345	2	0.07768	209.8
74344 PLTVLLEY 345	74341 MILLWOOD 345	1	0.17355	733.2
74344 PLTVLLEY 345	74356 WOOD B 345	1	0.17126	763.3
74347 RAMAPO 345	74312 BUCH N 345	1	0.13558	-10.5
TOTALS FOR INTERFACE UPNY-C OPEN			1.00000	3764.2

TOTAL TRANS CAPAB	<---------- LIMITING ELEMENT ----------> <----- FROM ----->	<------ TO ------>	CKT	DISTR. FACTOR	PRE-SHIFT MW	RATING BAS/CNT A/C	<---------- CONTINGENCY DESCRIPTION ---------->
-1011.8	79319 RAMP138 138	79361 TALLMAN 138	1	0.02381	418.1	304.4	OPEN 74347 [RAMAPO 345] TO 74340 [LADENTWN 345] CKT 1
							OPEN 74340 [LADENTWN 345] TO 79300 [WHAV345 345] CKT 1
							OPEN 79300 [WHAV345 345] TO 74310 [BOWLINE1 345] CKT 10
							OPEN 79300 [WHAV345 345] TO 79325 [WHAV138 138] CKT 1
							OPEN 79391 [BOW1 20.0] TO 74310 [BOWLINE1 345] CKT 1
							REDUCE BUS 79391 [BOW1 20.0] GENERATION BY 100 PERCENT DISPATCH
1162.5	74018 SUGARLF 115	74046 ROCK TV1 115	1	-0.02084	-272.2	218.0	OPEN 79304 [N.M.TAP 345] TO 79322 [SHOEMTAP 138] CKT 1
1162.5	74018 SUGARLF 115	74046 ROCK TV1 115	1	-0.02084	-272.2	218.0	OPEN 79321 [SHOEM138 138] TO 79322 [SHOEMTAP 138] CKT 1
1202.0	74018 SUGARLF 115	79359 SGRLF69 69.0	1	0.02084	271.4	218.0	OPEN 79304 [N.M.TAP 345] TO 79322 [SHOEMTAP 138] CKT 1
1202.0	74018 SUGARLF 115	79359 SGRLF69 69.0	1	0.02084	271.4	218.0	OPEN 79321 [SHOEM138 138] TO 79322 [SHOEMTAP 138] CKT 1
1649.9	74018 SUGARLF 115	74046 ROCK TV1 115	1	-0.02125	-262.9	218.0	OPEN 79304 [N.M.TAP 345] TO 75400 [COOPC345 345] CKT 1
							OPEN 74001 [ROCK TAV 345] TO 79304 [N.M.TAP 345] CKT 1
							OPEN 74002 [ROSETON 345] TO 74001 [ROCK TAV 345] CKT 1
1688.6	74018 SUGARLF 115	79359 SGRLF69 69.0	1	0.02125	262.1	218.0	OPEN 79304 [N.M.TAP 345] TO 75400 [COOPC345 345] CKT 1
							OPEN 74001 [ROCK TAV 345] TO 79304 [N.M.TAP 345] CKT 1
							OPEN 74002 [ROSETON 345] TO 74001 [ROCK TAV 345] CKT 1
1700.0	79313 MONSEY 138	79361 TALLMAN 138	1	-0.02381	-353.6	304.4	OPEN 74347 [RAMAPO 345] TO 74340 [LADENTWN 345] CKT 1
							OPEN 74340 [LADENTWN 345] TO 79300 [WHAV345 345] CKT 1
							OPEN 79300 [WHAV345 345] TO 74310 [BOWLINE1 345] CKT 10
							OPEN 79300 [WHAV345 345] TO 79325 [WHAV138 138] CKT 1
							OPEN 79391 [BOW1 20.0] TO 74310 [BOWLINE1 345] CKT 1
							REDUCE BUS 79391 [BOW1 20.0] GENERATION BY 100 PERCENT DISPATCH
2772.4	79303 SMAHWAH2 345	5028 WALDWICK 345	1	0.04160	630.3	589.0	OPEN 74340 [LADENTWN 345] TO 74313 [BUCH S 345] CKT 1
							OPEN 74347 [RAMAPO 345] TO 74312 [BUCH N 345] CKT 1
							OPEN 74410 [BUCHNTA5 138] TO 74312 [BUCH N 345] CKT 1
3040.5	74018 SUGARLF 115	74046 ROCK TV1 115	1	-0.02325	-234.8	218.0	OPEN 74001 [ROCK TAV 345] TO 74347 [RAMAPO 345] CKT 1
							OPEN 74347 [RAMAPO 345] TO 74312 [BUCH N 345] CKT 1
							OPEN 74410 [BUCHNTA5 138] TO 74312 [BUCH N 345] CKT 1
3075.9	74018 SUGARLF 115	79359 SGRLF69 69.0	1	0.02325	234.0	218.0	OPEN 74001 [ROCK TAV 345] TO 74347 [RAMAPO 345] CKT 1
							OPEN 74347 [RAMAPO 345] TO 74312 [BUCH N 345] CKT 1
							OPEN 74410 [BUCHNTA5 138] TO 74312 [BUCH N 345] CKT 1

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*** TLTG TRANSFER LIMIT OUTPUT FOR INTERFACE UPNY-C OPEN ***

TOTAL TRANS CAPAB	<---------- LIMITING ELEMENT ----------> FROM	TO	CKT	DISTR. FACTOR	PRE-SHIFT MW	RATING BAS/CNT A/C	<---------- CONTINGENCY DESCRIPTION ---------->
3253.2	79311 BURNS138 138	79313 MONSEY 138	1	-0.02381	-316.6	304.4	OPEN 74347 [RAMAPO 345] TO 74340 [LADENTWN 345] CKT 1
							OPEN 74340 [LADENTWN 345] TO 79300 [WHAV345 345] CKT 1
							OPEN 79300 [WHAV345 345] TO 74310 [BOWLINE1 345] CKT 10
							OPEN 79300 [WHAV345 345] TO 79325 [WHAV138 138] CKT 1
							OPEN 79391 [BOW1 20.0] TO 74310 [BOWLINE1 345] CKT 1
							REDUCE BUS 79391 [BOW1 20.0] GENERATION BY 100 PERCENT DISPATCH
3413.6	*74018 SUGARLF 115	74046 ROCK TV1 115	1	-0.02546	-226.9	218.0	OPEN 74001 [ROCK TAV 345] TO 74347 [RAMAPO 345] CKT 1
3446.0	*74018 SUGARLF 115	79359 SGRLF69 69.0	1	0.02546	226.1	218.0	OPEN 74001 [ROCK TAV 345] TO 74347 [RAMAPO 345] CKT 1
3853.8	74344 PLTVLLEY 345	78701 LEEDS 3 345	2	-0.28818	-1698.2	1724.0	OPEN 74344 [PLTVLLEY 345] TO 78705 [ATHENS 345] CKT 1
3987.4	74344 PLTVLLEY 345	78705 ATHENS 345	1	-0.28028	-1661.4	1724.0	OPEN 74344 [PLTVLLEY 345] TO 78701 [LEEDS 3 345] CKT 2
4032.9	74344 PLTVLLEY 345	78701 LEEDS 3 345	2	-0.27638	-1649.7	1724.0	OPEN 78705 [ATHENS 345] TO 74344 [PLTVLLEY 345] CKT 1
							OPEN 74344 [PLTVLLEY 345] TO 74341 [MILLWOOD 345] CKT 1
4038.6	74344 PLTVLLEY 345	78701 LEEDS 3 345	2	-0.27667	-1648.1	1724.0	OPEN 78705 [ATHENS 345] TO 74344 [PLTVLLEY 345] CKT 1
							OPEN 74344 [PLTVLLEY 345] TO 74356 [WOOD B 345] CKT 1
4176.7	74344 PLTVLLEY 345	78705 ATHENS 345	1	-0.26914	-1613.0	1724.0	OPEN 78701 [LEEDS 3 345] TO 74344 [PLTVLLEY 345] CKT 2
							OPEN 74344 [PLTVLLEY 345] TO 74356 [WOOD B 345] CKT 1
4250.4	79308 CHESTER 138	79321 SHOEM138 138	1	-0.05337	-278.5	304.4	OPEN 74001 [ROCK TAV 345] TO 74347 [RAMAPO 345] CKT 1
							OPEN 74001 [ROCK TAV 345] TO 74046 [ROCK TV1 115] CKT 1
							OPEN 74046 [ROCK TV1 115] TO 74018 [SUGARLF 115] CKT 1
4287.1	74344 PLTVLLEY 345	78705 ATHENS 345	1	-0.26252	-1586.7	1724.0	OPEN 78701 [LEEDS 3 345] TO 74344 [PLTVLLEY 345] CKT 2
							OPEN 78702 [N.SCOT77 345] TO 78701 [LEEDS 3 345] CKT 1
4473.6	74344 PLTVLLEY 345	78701 LEEDS 3 345	2	-0.20242	-1187.4	1331.0	BASE CASE
4523.4	*74344 PLTVLLEY 345	78701 LEEDS 3 345	2	-0.27104	-1518.2	1724.0	OPEN 79583 [MARCY T1 345] TO 75400 [COOPC345 345] CKT 1
							OPEN 75403 [FRASR345 345] TO 75400 [COOPC345 345] CKT 1
4717.7	74344 PLTVLLEY 345	78705 ATHENS 345	1	-0.19263	-1147.3	1331.0	BASE CASE
4779.5	*74344 PLTVLLEY 345	78705 ATHENS 345	1	-0.25794	-1462.1	1724.0	OPEN 79583 [MARCY T1 345] TO 75400 [COOPC345 345] CKT 1
							OPEN 75403 [FRASR345 345] TO 75400 [COOPC345 345] CKT 1
4871.3	74403 ASTORIAW 138	74496 HG 5 138	1	0.15303	7.6	177.0	BASE CASE
4923.9	74403 ASTORIAW 138	74497 HG 6 138	1	0.14506	8.8	177.0	BASE CASE
4969.1	79308 CHESTER 138	79323 SGRLF138 138	1	0.05337	240.1	304.4	OPEN 74001 [ROCK TAV 345] TO 74347 [RAMAPO 345] CKT 1
							OPEN 74001 [ROCK TAV 345] TO 74046 [ROCK TV1 115] CKT 1
							OPEN 74046 [ROCK TV1 115] TO 74018 [SUGARLF 115] CKT 1
5009.0	79308 CHESTER 138	79321 SHOEM138 138	1	-0.04942	-242.9	304.4	OPEN 74001 [ROCK TAV 345] TO 74347 [RAMAPO 345] CKT 1
							OPEN 74001 [ROCK TAV 345] TO 74046 [ROCK TV1 115] CKT 1
5034.9	74345 RAINEY 345	74691 S. BRONX 345	4	-0.41401	-554.9	1081.0	OPEN 74345 [RAINEY 345] TO 74691 [S. BRONX 345] CKT 3
5034.9	74345 RAINEY 345	74691 S. BRONX 345	3	-0.41401	-554.9	1081.0	OPEN 74345 [RAINEY 345] TO 74691 [S. BRONX 345] CKT 4
5048.0	79304 N.M.TAP 345	79322 SHOEMTAP 138	1	0.06670	581.4	667.0	OPEN 74001 [ROCK TAV 345] TO 74347 [RAMAPO 345] CKT 1
							OPEN 74001 [ROCK TAV 345] TO 74046 [ROCK TV1 115] CKT 1
							OPEN 74046 [ROCK TV1 115] TO 74018 [SUGARLF 115] CKT 1
5080.6	79303 SMAHWAH2 345	5028 WALDWICK 345	1	0.03547	542.3	589.0	OPEN 74347 [RAMAPO 345] TO 74340 [LADENTWN 345] CKT 1
							OPEN 74347 [RAMAPO 345] TO 74312 [BUCH N 345] CKT 1
							OPEN 74410 [BUCHNTA5 138] TO 74312 [BUCH N 345] CKT 1
5108.8	74316 DUNWODIE 345	74651 REAC72 345	SR	0.21079	431.6	715.0	BASE CASE
5108.8	74316 DUNWODIE 345	74650 REAC71 345	SR	0.21079	431.6	715.0	BASE CASE
5108.8	74650 REAC71 345	74691 S. BRONX 345	3	0.21079	431.6	715.0	BASE CASE
5108.8	74651 REAC72 345	74691 S. BRONX 345	4	0.21079	431.6	715.0	BASE CASE

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*** TLTG TRANSFER LIMIT OUTPUT FOR INTERFACE UPNY-C OPEN ***

TOTAL TRANS CAPAB	LIMITING ELEMENT FROM	LIMITING ELEMENT TO	CKT	DISTR. FACTOR	PRE-SHIFT MW	RATING BAS/CNT A/C	CONTINGENCY DESCRIPTION
5111.6	79308 CHESTER 138	79321 SHOEM138 138	1	-0.04567	-242.9	304.4	OPEN 74001 [ROCK TAV 345] TO 74347 [RAMAPO 345] CKT 1
							OPEN 74347 [RAMAPO 345] TO 74312 [BUCH N 345] CKT 1
							OPEN 74410 [BUCHNTA5 138] TO 74312 [BUCH N 345] CKT 1
5199.4	79308 CHESTER 138	79321 SHOEM138 138	1	-0.04914	-233.9	304.4	OPEN 74001 [ROCK TAV 345] TO 75400 [COOPC345 345] CKT 2
							OPEN 74001 [ROCK TAV 345] TO 74347 [RAMAPO 345] CKT 1
5256.6	*79308 CHESTER 138	79321 SHOEM138 138	1	-0.04867	-231.8	304.4	OPEN 74001 [ROCK TAV 345] TO 74347 [RAMAPO 345] CKT 1
5342.7	74403 ASTORIAW 138	74496 HG 5 138	1	0.29388	16.1	480.0	OPEN 74403 [ASTORIAW 138] TO 74497 [HG 6 138] CKT 1
5345.1	74403 ASTORIAW 138	74497 HG 6 138	1	0.29341	16.1	480.0	OPEN 74403 [ASTORIAW 138] TO 74496 [HG 5 138] CKT 1
5364.1	79319 RAMP138 138	79361 TALLMAN 138	1	0.06144	206.1	304.4	OPEN 74347 [RAMAPO 345] TO 74340 [LADENTWN 345] CKT 1
							OPEN 74347 [RAMAPO 345] TO 74312 [BUCH N 345] CKT 1
							OPEN 74410 [BUCHNTA5 138] TO 74312 [BUCH N 345] CKT 1
5367.4	74348 SPRBROOK 345	74567 REACM51 345	SR	0.19962	454.0	774.0	BASE CASE
5367.4	74348 SPRBROOK 345	74568 REACM52 345	SR	0.19962	454.0	774.0	BASE CASE
5377.0	74354 W 49 ST 345	74567 REACM51 345	1	-0.19962	-452.1	774.0	BASE CASE
5377.0	74354 W 49 ST 345	74568 REACM52 345	2	-0.19962	-452.1	774.0	BASE CASE
5404.2	74435 E179 ST 138	74497 HG 6 138	1	-0.30037	270.6	222.0	BASE CASE
5538.9	INTERFACE F TO G			0.80805	4537.0	5971.0	OPEN 79583 [MARCY T1 345] TO 75400 [COOPC345 345] CKT 1
							OPEN 75403 [FRASR345 345] TO 75400 [COOPC345 345] CKT 1
5567.3	74316 DUNWODIE 345	75000 SHORE RD 345	1	0.17909	364.1	687.0	BASE CASE
5604.1	79304 N.M.TAP 345	75400 COOPC345 345	1	-0.27949	-1278.8	1793.0	OPEN 74001 [ROCK TAV 345] TO 75400 [COOPC345 345] CKT 2
							OPEN 75400 [COOPC345 345] TO 75440 [COOPC115 115] CKT 1
5616.5	79304 N.M.TAP 345	75400 COOPC345 345	1	-0.27927	-1275.7	1793.0	OPEN 74001 [ROCK TAV 345] TO 75400 [COOPC345 345] CKT 2
5643.3	79321 SHOEM138 138	79322 SHOEMTAP 138	1	-0.06669	-581.4	706.7	OPEN 74001 [ROCK TAV 345] TO 74347 [RAMAPO 345] CKT 1
							OPEN 74001 [ROCK TAV 345] TO 74046 [ROCK TV1 115] CKT 1
							OPEN 74046 [ROCK TV1 115] TO 74018 [SUGARLF 115] CKT 1
5659.4	74345 RAINEY 345	74612 8W DUM 138	8	0.29957	-254.7	313.0	OPEN 74530 [RAINEY8E 138] TO 74611 [8E DUM 138] CKT 1
5659.9	74345 RAINEY 345	74612 8W DUM 138	8	0.29956	-254.9	313.0	OPEN 74530 [RAINEY8E 138] TO 74556 [VERNON-E 138] CKT 1
5678.0	INTERFACE F TO G			0.57709	3422.6	4527.0	BASE CASE
5678.3	74345 RAINEY 345	74612 8W DUM 138	8	0.22377	-188.3	240.0	BASE CASE
5697.6	INTERFACE F TO G			0.79220	4439.4	5971.0	OPEN 75400 [COOPC345 345] TO 74001 [ROCK TAV 345] CKT 2
							OPEN 75400 [COOPC345 345] TO 79304 [N.M.TAP 345] CKT 1
							OPEN 79304 [N.M.TAP 345] TO 74001 [ROCK TAV 345] CKT 1
5712.4	74001 ROCK TAV 345	75400 COOPC345 345	2	-0.26090	-1284.7	1793.0	OPEN 79304 [N.M.TAP 345] TO 75400 [COOPC345 345] CKT 1
							OPEN 74001 [ROCK TAV 345] TO 79304 [N.M.TAP 345] CKT 1
							OPEN 74002 [ROSETON 345] TO 74001 [ROCK TAV 345] CKT 1
5723.5	74345 RAINEY 345	74612 8W DUM 138	8	0.29957	-273.9	313.0	OPEN 74345 [RAINEY 345] TO 74611 [8E DUM 138] CKT 8
5751.3	*74345 RAINEY 345	74612 8W DUM 138	8	0.22377	-131.6	313.0	OPEN 74612 [8W DUM 138] TO 74728 [RYYGT81113.8] CKT 1
5760.2	74001 ROCK TAV 345	74347 RAMAPO 345	1	0.30899	1552.3	2169.0	OPEN 74331 [FISHKILL 345] TO 74022 [E FISH I 115] CKT 1
							OPEN 74331 [FISHKILL 345] TO 74002 [ROSETON 345] CKT 1
5770.0	74002 ROSETON 345	74331 FISHKILL 345	1	0.20033	1533.2	1935.0	BASE CASE
5775.7	74001 ROCK TAV 345	74347 RAMAPO 345	1	0.30369	1558.1	2169.0	OPEN 74002 [ROSETON 345] TO 74331 [FISHKILL 345] CKT 1
5785.0	79308 CHESTER 138	79323 SGRLF138 138	1	0.04942	204.5	304.4	OPEN 74001 [ROCK TAV 345] TO 74347 [RAMAPO 345] CKT 1
							OPEN 74001 [ROCK TAV 345] TO 74046 [ROCK TV1 115] CKT 1
5810.4	74001 ROCK TAV 345	75400 COOPC345 345	2	-0.27199	-1236.5	1793.0	OPEN 79304 [N.M.TAP 345] TO 75400 [COOPC345 345] CKT 1
							OPEN 79304 [N.M.TAP 345] TO 74001 [ROCK TAV 345] CKT 1
							OPEN 75400 [COOPC345 345] TO 75440 [COOPC115 115] CKT 2

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*** TLTG TRANSFER LIMIT OUTPUT FOR INTERFACE MILLSCLOSE ***

<- INTERFACE 'MILLSCLOSE ' DEFINITION ->

<----- FROM ----->	<------ TO ------>	CKT	DISTR. FACTOR	PRE-SHIFT MW
74312 BUCH N 345	74317 E VIEW1 345	1	0.13287	932.9
74331 FISHKILL 345	74342 PL VILLE 345	1	0.18770	852.2
74341 MILLWOOD 345	74318 E VIEW2 345	1	0.16988	879.8
74341 MILLWOOD 345	74319 E VIEW3 345	1	0.16059	836.8
74341 MILLWOOD 345	74320 E VIEW4 345	1	0.16059	836.8
74355 WOOD A 345	74343 PL VILLW 345	1	0.18836	801.2
4989 HUDSON1 345	74328 FARRGUT1 345	1	0.00000	400.0
5039 HUDSON2 345	74329 FARRGUT2 345	1	0.00000	415.1
4996 LINDEN 230	74371 GOETHALS 230	1	0.00000	231.7
73166 NORHR138 138	75053 NRTHPT P 138	1	0.00000	97.2
75078 SHMHVDCL 192	75062 SHOREHAM 138	1	0.00000	329.5
TOTALS FOR INTERFACE MILLSCLOSE			1.00000	6613.2

TOTAL TRANS CAPAB	<----- FROM ----->	<------ TO ------>	CKT	DISTR. FACTOR	PRE-SHIFT MW	RATING BAS/CNT A/C	<---------- CONTINGENCY DESCRIPTION ---------->
1837.3	79319 RAMP138 138	79361 TALLMAN 138	1	0.02381	418.1	304.4	OPEN 74347 [RAMAPO 345] TO 74340 [LADENTWN 345] CKT 1
							OPEN 74340 [LADENTWN 345] TO 79300 [WHAV345 345] CKT 1
							OPEN 79300 [WHAV345 345] TO 74310 [BOWLINE1 345] CKT 10
							OPEN 79300 [WHAV345 345] TO 79325 [WHAV138 138] CKT 1
							OPEN 79391 [BOW1 20.0] TO 74310 [BOWLINE1 345] CKT 1
							REDUCE BUS 79391 [BOW1 20.0] GENERATION BY 100 PERCENT DISPATCH
4011.5	74018 SUGARLF 115	74046 ROCK TV1 115	1	-0.02084	-272.2	218.0	OPEN 79304 [N.M.TAP 345] TO 79322 [SHOEMTAP 138] CKT 1
4011.6	74018 SUGARLF 115	74046 ROCK TV1 115	1	-0.02084	-272.2	218.0	OPEN 79321 [SHOEM138 138] TO 79322 [SHOEMTAP 138] CKT 1
4051.0	74018 SUGARLF 115	79359 SGRLF69 69.0	1	0.02084	271.4	218.0	OPEN 79304 [N.M.TAP 345] TO 79322 [SHOEMTAP 138] CKT 1
4051.1	74018 SUGARLF 115	79359 SGRLF69 69.0	1	0.02084	271.4	218.0	OPEN 79321 [SHOEM138 138] TO 79322 [SHOEMTAP 138] CKT 1
4499.0	74018 SUGARLF 115	74046 ROCK TV1 115	1	-0.02125	-262.9	218.0	OPEN 79304 [N.M.TAP 345] TO 75400 [COOPC345 345] CKT 1
							OPEN 74001 [ROCK TAV 345] TO 79304 [N.M.TAP 345] CKT 1
							OPEN 74002 [ROSETON 345] TO 74001 [ROCK TAV 345] CKT 1
4537.6	74018 SUGARLF 115	79359 SGRLF69 69.0	1	0.02125	262.1	218.0	OPEN 79304 [N.M.TAP 345] TO 75400 [COOPC345 345] CKT 1
							OPEN 74001 [ROCK TAV 345] TO 79304 [N.M.TAP 345] CKT 1
							OPEN 74002 [ROSETON 345] TO 74001 [ROCK TAV 345] CKT 1
4549.0	79313 MONSEY 138	79361 TALLMAN 138	1	-0.02381	-353.6	304.4	OPEN 74347 [RAMAPO 345] TO 74340 [LADENTWN 345] CKT 1
							OPEN 74340 [LADENTWN 345] TO 79300 [WHAV345 345] CKT 1
							OPEN 79300 [WHAV345 345] TO 74310 [BOWLINE1 345] CKT 10
							OPEN 79300 [WHAV345 345] TO 79325 [WHAV138 138] CKT 1
							OPEN 79391 [BOW1 20.0] TO 74310 [BOWLINE1 345] CKT 1
							REDUCE BUS 79391 [BOW1 20.0] GENERATION BY 100 PERCENT DISPATCH
5621.4	79303 SMAHWAH2 345	5028 WALDWICK 345	1	0.04160	630.3	589.0	OPEN 74340 [LADENTWN 345] TO 74313 [BUCH S 345] CKT 1
							OPEN 74347 [RAMAPO 345] TO 74312 [BUCH N 345] CKT 1
							OPEN 74410 [BUCHNTA5 138] TO 74312 [BUCH N 345] CKT 1
5889.4	74018 SUGARLF 115	74046 ROCK TV1 115	1	-0.02325	-234.8	218.0	OPEN 74001 [ROCK TAV 345] TO 74347 [RAMAPO 345] CKT 1
							OPEN 74347 [RAMAPO 345] TO 74312 [BUCH N 345] CKT 1
							OPEN 74410 [BUCHNTA5 138] TO 74312 [BUCH N 345] CKT 1
5924.8	74018 SUGARLF 115	79359 SGRLF69 69.0	1	0.02325	234.0	218.0	OPEN 74001 [ROCK TAV 345] TO 74347 [RAMAPO 345] CKT 1
							OPEN 74347 [RAMAPO 345] TO 74312 [BUCH N 345] CKT 1
							OPEN 74410 [BUCHNTA5 138] TO 74312 [BUCH N 345] CKT 1

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*** TLTG TRANSFER LIMIT OUTPUT FOR INTERFACE MILLSCLOSE ***

TOTAL TRANS CAPAB	LIMITING ELEMENT FROM	LIMITING ELEMENT TO	CKT	DISTR. FACTOR	PRE-SHIFT MW	RATING BAS/CNT A/C	CONTINGENCY DESCRIPTION
6102.1	79311 BURNS138 138	79313 MONSEY 138 1		-0.02381	-316.6	304.4	OPEN 74347 [RAMAPO 345] TO 74340 [LADENTWN 345] CKT 1
							OPEN 74340 [LADENTWN 345] TO 79300 [WHAV345 345] CKT 1
							OPEN 79300 [WHAV345 345] TO 74310 [BOWLINE1 345] CKT 10
							OPEN 79300 [WHAV345 345] TO 79325 [WHAV138 138] CKT 1
							OPEN 79391 [BOW1 20.0] TO 74310 [BOWLINE1 345] CKT 1
							REDUCE BUS 79391 [BOW1 20.0] GENERATION BY 100 PERCENT DISPATCH
6262.6	*74018 SUGARLF 115	74046 ROCK TV1 115 1		-0.02547	-226.9	218.0	OPEN 74001 [ROCK TAV 345] TO 74347 [RAMAPO 345] CKT 1
6294.9	*74018 SUGARLF 115	79359 SGRLF69 69.0 1		0.02547	226.1	218.0	OPEN 74001 [ROCK TAV 345] TO 74347 [RAMAPO 345] CKT 1
6702.8	74344 PLTVLLEY 345	78701 LEEDS 3 345 2		-0.28819	-1698.2	1724.0	OPEN 74344 [PLTVLLEY 345] TO 78705 [ATHENS 345] CKT 1
6836.4	74344 PLTVLLEY 345	78705 ATHENS 345 1		-0.28029	-1661.4	1724.0	OPEN 74344 [PLTVLLEY 345] TO 78701 [LEEDS 3 345] CKT 2
6881.9	74344 PLTVLLEY 345	78701 LEEDS 3 345 2		-0.27639	-1649.7	1724.0	OPEN 78705 [ATHENS 345] TO 74344 [PLTVLLEY 345] CKT 1
							OPEN 74344 [PLTVLLEY 345] TO 74341 [MILLWOOD 345] CKT 1
6887.5	74344 PLTVLLEY 345	78701 LEEDS 3 345 2		-0.27668	-1648.1	1724.0	OPEN 78705 [ATHENS 345] TO 74344 [PLTVLLEY 345] CKT 1
							OPEN 74344 [PLTVLLEY 345] TO 74356 [WOOD B 345] CKT 1
7025.7	74344 PLTVLLEY 345	78705 ATHENS 345 1		-0.26915	-1613.0	1724.0	OPEN 78701 [LEEDS 3 345] TO 74344 [PLTVLLEY 345] CKT 2
							OPEN 74344 [PLTVLLEY 345] TO 74356 [WOOD B 345] CKT 1
7099.3	79308 CHESTER 138	79321 SHOEM138 138 1		-0.05337	-278.5	304.4	OPEN 74001 [ROCK TAV 345] TO 74347 [RAMAPO 345] CKT 1
							OPEN 74001 [ROCK TAV 345] TO 74046 [ROCK TV1 115] CKT 1
							OPEN 74046 [ROCK TV1 115] TO 74018 [SUGARLF 115] CKT 1
7136.0	74344 PLTVLLEY 345	78705 ATHENS 345 1		-0.26252	-1586.7	1724.0	OPEN 78701 [LEEDS 3 345] TO 74344 [PLTVLLEY 345] CKT 2
							OPEN 78702 [N.SCOT77 345] TO 78701 [LEEDS 3 345] CKT 1
7322.5	74344 PLTVLLEY 345	78701 LEEDS 3 345 2		-0.20243	-1187.4	1331.0	BASE CASE
7372.4	*74344 PLTVLLEY 345	78701 LEEDS 3 345 2		-0.27105	-1518.2	1724.0	OPEN 79583 [MARCY T1 345] TO 75400 [COOPC345 345] CKT 1
							OPEN 75403 [FRASR345 345] TO 75400 [COOPC345 345] CKT 1
7566.7	74344 PLTVLLEY 345	78705 ATHENS 345 1		-0.19264	-1147.3	1331.0	BASE CASE
7628.4	*74344 PLTVLLEY 345	78705 ATHENS 345 1		-0.25794	-1462.1	1724.0	OPEN 79583 [MARCY T1 345] TO 75400 [COOPC345 345] CKT 1
							OPEN 75403 [FRASR345 345] TO 75400 [COOPC345 345] CKT 1
7720.2	74403 ASTORIAW 138	74496 HG 5 138 1		0.15303	7.6	177.0	BASE CASE
7772.8	74403 ASTORIAW 138	74497 HG 6 138 1		0.14506	8.8	177.0	BASE CASE
7818.0	79308 CHESTER 138	79323 SGRLF138 138 1		0.05337	240.1	304.4	OPEN 74001 [ROCK TAV 345] TO 74347 [RAMAPO 345] CKT 1
							OPEN 74001 [ROCK TAV 345] TO 74046 [ROCK TV1 115] CKT 1
							OPEN 74046 [ROCK TV1 115] TO 74018 [SUGARLF 115] CKT 1
7857.9	79308 CHESTER 138	79321 SHOEM138 138 1		-0.04943	-242.9	304.4	OPEN 74001 [ROCK TAV 345] TO 74347 [RAMAPO 345] CKT 1
							OPEN 74001 [ROCK TAV 345] TO 74046 [ROCK TV1 115] CKT 1
7883.8	74345 RAINEY 345	74691 S. BRONX 345 4		-0.41402	-554.9	1081.0	OPEN 74345 [RAINEY 345] TO 74691 [S. BRONX 345] CKT 3
7883.8	74345 RAINEY 345	74691 S. BRONX 345 3		-0.41402	-554.9	1081.0	OPEN 74345 [RAINEY 345] TO 74691 [S. BRONX 345] CKT 4
7896.9	79304 N.M.TAP 345	79322 SHOEMTAP 138 1		0.06670	581.4	667.0	OPEN 74001 [ROCK TAV 345] TO 74347 [RAMAPO 345] CKT 1
							OPEN 74001 [ROCK TAV 345] TO 74046 [ROCK TV1 115] CKT 1
							OPEN 74046 [ROCK TV1 115] TO 74018 [SUGARLF 115] CKT 1
7929.5	79303 SMAHWAH2 345	5028 WALDWICK 345 1		0.03547	542.3	589.0	OPEN 74347 [RAMAPO 345] TO 74340 [LADENTWN 345] CKT 1
							OPEN 74347 [RAMAPO 345] TO 74312 [BUCH N 345] CKT 1
							OPEN 74410 [BUCHNTA5 138] TO 74312 [BUCH N 345] CKT 1
7957.7	74316 DUNWODIE 345	74651 REAC72 345 SR		0.21079	431.6	715.0	BASE CASE
7957.7	74316 DUNWODIE 345	74650 REAC71 345 SR		0.21079	431.6	715.0	BASE CASE
7957.7	74650 REAC71 345	74691 S. BRONX 345 3		0.21079	431.6	715.0	BASE CASE
7957.7	74651 REAC72 345	74691 S. BRONX 345 4		0.21079	431.6	715.0	BASE CASE

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TOTAL TRANS CAPAB	LIMITING ELEMENT FROM	LIMITING ELEMENT TO	CKT	DISTR. FACTOR	PRE-SHIFT MW	RATING BAS/CNT A/C	CONTINGENCY DESCRIPTION
7960.5	79308 CHESTER 138	79321 SHOEM138 138	1	-0.04567	-242.9	304.4	OPEN 74001 [ROCK TAV 345] TO 74347 [RAMAPO 345] CKT 1
							OPEN 74347 [RAMAPO 345] TO 74312 [BUCH N 345] CKT 1
							OPEN 74410 [BUCHNTA5 138] TO 74312 [BUCH N 345] CKT 1
8048.3	79308 CHESTER 138	79321 SHOEM138 138	1	-0.04915	-233.9	304.4	OPEN 74001 [ROCK TAV 345] TO 75400 [COOPC345 345] CKT 2
							OPEN 74001 [ROCK TAV 345] TO 74347 [RAMAPO 345] CKT 1
8105.5	*79308 CHESTER 138	79321 SHOEM138 138	1	-0.04867	-231.8	304.4	OPEN 74001 [ROCK TAV 345] TO 74347 [RAMAPO 345] CKT 1
8191.6	74403 ASTORIAW 138	74496 HG 5 138	1	0.29389	16.1	480.0	OPEN 74403 [ASTORIAW 138] TO 74497 [HG 6 138] CKT 1
8194.0	74403 ASTORIAW 138	74497 HG 6 138	1	0.29342	16.1	480.0	OPEN 74403 [ASTORIAW 138] TO 74496 [HG 5 138] CKT 1
8213.0	79319 RAMP138 138	79361 TALLMAN 138	1	0.06144	206.1	304.4	OPEN 74347 [RAMAPO 345] TO 74340 [LADENTWN 345] CKT 1
							OPEN 74347 [RAMAPO 345] TO 74312 [BUCH N 345] CKT 1
							OPEN 74410 [BUCHNTA5 138] TO 74312 [BUCH N 345] CKT 1
8216.3	74348 SPRBROOK 345	74567 REACM51 345	SR	0.19963	454.0	774.0	BASE CASE
8216.3	74348 SPRBROOK 345	74568 REACM52 345	SR	0.19963	454.0	774.0	BASE CASE
8225.9	74354 W 49 ST 345	74567 REACM51 345	1	-0.19963	-452.1	774.0	BASE CASE
8225.9	74354 W 49 ST 345	74568 REACM52 345	2	-0.19963	-452.1	774.0	BASE CASE
8253.1	74435 E179 ST 138	74497 HG 6 138	1	-0.30038	270.6	222.0	BASE CASE
8387.8	INTERFACE F TO G			0.80807	4537.0	5971.0	OPEN 79583 [MARCY T1 345] TO 75400 [COOPC345 345] CKT 1
							OPEN 75403 [FRASR345 345] TO 75400 [COOPC345 345] CKT 1
8416.2	74316 DUNWODIE 345	75000 SHORE RD 345	1	0.17909	364.1	687.0	BASE CASE
8452.9	79304 N.M.TAP 345	75400 COOPC345 345	1	-0.27950	-1278.8	1793.0	OPEN 74001 [ROCK TAV 345] TO 75400 [COOPC345 345] CKT 2
							OPEN 75400 [COOPC345 345] TO 75440 [COOPC115 115] CKT 1
8465.4	79304 N.M.TAP 345	75400 COOPC345 345	1	-0.27928	-1275.7	1793.0	OPEN 74001 [ROCK TAV 345] TO 75400 [COOPC345 345] CKT 2
8492.2	79321 SHOEM138 138	79322 SHOEMTAP 138	1	-0.06669	-581.4	706.7	OPEN 74001 [ROCK TAV 345] TO 74347 [RAMAPO 345] CKT 1
							OPEN 74001 [ROCK TAV 345] TO 74046 [ROCK TV1 115] CKT 1
							OPEN 74046 [ROCK TV1 115] TO 74018 [SUGARLF 115] CKT 1
8508.3	74345 RAINEY 345	74612 8W DUM 138	8	0.29958	-254.7	313.0	OPEN 74530 [RAINEY8E 138] TO 74611 [8E DUM 138] CKT 1
8508.8	74345 RAINEY 345	74612 8W DUM 138	8	0.29957	-254.9	313.0	OPEN 74530 [RAINEY8E 138] TO 74556 [VERNON-E 138] CKT 1
8526.9	INTERFACE F TO G			0.57711	3422.6	4527.0	BASE CASE
8527.2	74345 RAINEY 345	74612 8W DUM 138	8	0.22377	-188.3	240.0	BASE CASE
8546.5	INTERFACE F TO G			0.79223	4439.4	5971.0	OPEN 75400 [COOPC345 345] TO 74001 [ROCK TAV 345] CKT 2
							OPEN 75400 [COOPC345 345] TO 79304 [N.M.TAP 345] CKT 1
							OPEN 79304 [N.M.TAP 345] TO 74001 [ROCK TAV 345] CKT 1
8561.3	74001 ROCK TAV 345	75400 COOPC345 345	2	-0.26091	-1284.7	1793.0	OPEN 79304 [N.M.TAP 345] TO 75400 [COOPC345 345] CKT 1
							OPEN 74001 [ROCK TAV 345] TO 79304 [N.M.TAP 345] CKT 1
							OPEN 74002 [ROSETON 345] TO 74001 [ROCK TAV 345] CKT 1
8572.4	74345 RAINEY 345	74612 8W DUM 138	8	0.29958	-273.9	313.0	OPEN 74345 [RAINEY 345] TO 74611 [8E DUM 138] CKT 8
8600.2	*74345 RAINEY 345	74612 8W DUM 138	8	0.22377	-131.6	313.0	OPEN 74612 [8W DUM 138] TO 74728 [RYYGT81113.8] CKT 1
8609.1	74001 ROCK TAV 345	74347 RAMAPO 345	1	0.30900	1552.3	2169.0	OPEN 74331 [FISHKILL 345] TO 74022 [E FISH I 115] CKT 1
							OPEN 74331 [FISHKILL 345] TO 74002 [ROSETON 345] CKT 1
8618.8	74002 ROSETON 345	74331 FISHKILL 345	1	0.20033	1533.2	1935.0	BASE CASE
8624.6	74001 ROCK TAV 345	74347 RAMAPO 345	1	0.30370	1558.1	2169.0	OPEN 74002 [ROSETON 345] TO 74331 [FISHKILL 345] CKT 1
8633.8	79308 CHESTER 138	79323 SGRLF138 138	1	0.04943	204.5	304.4	OPEN 74001 [ROCK TAV 345] TO 74347 [RAMAPO 345] CKT 1
							OPEN 74001 [ROCK TAV 345] TO 74046 [ROCK TV1 115] CKT 1
8659.2	74001 ROCK TAV 345	75400 COOPC345 345	2	-0.27200	-1236.5	1793.0	OPEN 79304 [N.M.TAP 345] TO 75400 [COOPC345 345] CKT 1
							OPEN 79304 [N.M.TAP 345] TO 74001 [ROCK TAV 345] CKT 1
							OPEN 75400 [COOPC345 345] TO 75440 [COOPC115 115] CKT 2

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*** TLTG EXPORT LIMIT OUTPUT FOR BASE CASE ***

DISTRIBUTION FACTOR FILE: C:\NYISO\CRPP4\ds.dfx
SUBSYSTEM DESCRIPTION FILE: C:\NYISO\CRPP\sysds.sub
MONITORED ELEMENT FILE: C:\NYISO\CRPP\mondsM29.mon
CONTINGENCY DESCRIPTION FILE: C:\NYISO\CRPP\contds1.con

	PRE-SHIFT	DELTA	POST-SHIFT
STUDY SYSTEM MW GENERATION:	717.4	1000.0	1717.4
OPPOSING SYSTEM MW GENERATION:	3397.0	-1000.0	2397.0
STUDY SYSTEM NET INTERCHANGE:	700.1	1000.0	1700.1

STUDY SYSTEM		GENERATOR MW			OPPOSING SYSTEM		GENERATOR MW		
BUS	BUS NAME	BASE	SHIFT	CHANGE	BUS	BUS NAME	BASE	SHIFT	CHANGE
80900	LAKEVWG518.0	211.9	661.9	450.0	74700	AK 3	22.0	491.0	351.0	-140.0
81422	LENNOXG220.0	505.5	1055.5	550.0	74702	RAV 3	22.0	972.0	572.0	-400.0
					74703	AK 2	20.0	334.0	274.0	-60.0
					74708	RAV 2	20.0	385.0	285.0	-100.0
					74709	COGENGT113.8		78.0	38.0	-40.0
					74710	COGENGT213.8		78.0	38.0	-40.0
					74711	COGENGT313.8		78.0	38.0	-40.0
					74712	COGENGT413.8		78.0	38.0	-40.0
					74713	COGENGT513.8		78.0	38.0	-40.0
					74714	COGENST113.8		85.0	65.0	-20.0
					74907	NRTPTG2 22.0		380.0	340.0	-40.0
					74908	NRTPTG3 22.0		360.0	320.0	-40.0

LOADINGS AT OR ABOVE 100.0 %
OF RATING ARE MARKED WITH '*'

<----- FROM ----->	<------ TO ------>	CKT	TOTAL TRANS CAPAB	BASE CASE RATING A	PRE-SHIFT MW	POST-SHIFT MW	LIMIT CASE MW	DISTR. FACTOR
74651 REAC72 345	74691 S. BRONX 345	4	1908.9	715	431.6	666.0	715.0*	0.23446
74316 DUNWODIE 345	74650 REAC71 345	SR	1908.9	715	431.6	666.0	715.0*	0.23446
74650 REAC71 345	74691 S. BRONX 345	3	1908.9	715	431.6	666.0	715.0*	0.23446
74316 DUNWODIE 345	74651 REAC72 345	SR	1908.9	715	431.6	666.0	715.0*	0.23446
74348 SPRBROOK 345	74568 REACM52 345	SR	2117.7	774	454.0	679.7	726.9	0.22574
74348 SPRBROOK 345	74567 REACM51 345	SR	2117.7	774	454.0	679.7	726.9	0.22574
74354 W 49 ST 345	74567 REACM51 345	1	2126.3	774	-452.1	-677.8	-724.9	-0.22574
74354 W 49 ST 345	74568 REACM52 345	2	2126.3	774	-452.1	-677.8	-724.9	-0.22574
INTERFACE I TO J			2484.2	4026	2383.8	3304.2	3496.4	0.92041
74484 GRENWOOD 138	74504 KENTTAP 138	1	2524.7	179	-124.1	-154.2	-160.5	-0.03009
74345 RAINEY 345	74691 S. BRONX 345	4	2544.6	715	-282.5	-517.0	-566.0	-0.23446
74345 RAINEY 345	74691 S. BRONX 345	3	2544.6	715	-282.5	-517.0	-566.0	-0.23446
74484 GRENWOOD 138	74556 VERNON-E 138	1	2614.0	179	-121.7	-151.6	-157.9	-0.02994
INTERFACE DUNW-SOUTH P			2734.2	5421	3387.9	4387.4	4596.1	0.99953
INTERFACE DUNW-SOUTH O			2745.5	4554	2671.3	3591.7	3783.9	0.92041
74504 KENTTAP 138	74557 VERNON-W 138	1	3845.9	179	-84.4	-114.4	-120.7	-0.03009
74316 DUNWODIE 345	75000 SHORE RD 345	1	4781.1	687	364.1	443.2	459.7	0.07912
74322 E15ST 45 345	74354 W 49 ST 345	1	4960.0	774	190.9	-35.6	-82.9	-0.22650

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*** TLTG TRANSFER LIMIT OUTPUT FOR INTERFACE DUNW-SOUTH P ***

<- INTERFACE 'DUNW-SOUTH P' DEFINITION ->

<----- FROM ----->	<------ TO ------>	CKT	DISTR. FACTOR	PRE-SHIFT MW
74316 DUNWODIE 345	75000 SHORE RD 345	1	0.07916	364.1
74348 SPRBROOK 345	74351 TREMONT 345	1	0.00000	358.3
74349 REACBUS 345	79607 DVNPT NK 345	1	0.00000	639.9
74420 DUN NO1R 138	74533 S CREEK 138	1	0.00000	64.4
74421 DUN NO2R 138	74533 S CREEK 138	1	0.00000	64.4
74424 DUN SO1R 138	74435 E179 ST 138	1	0.00000	129.4
74650 REAC71 345	74691 S. BRONX 345	3	0.23457	431.6
74651 REAC72 345	74691 S. BRONX 345	4	0.23457	431.6
74567 REACM51 345	74354 W 49 ST 345	1	0.22585	452.1
74568 REACM52 345	74354 W 49 ST 345	2	0.22585	452.1
TOTALS FOR INTERFACE DUNW-SOUTH P			1.00000	3387.9

TOTAL TRANS CAPAB	<---------- LIMITING ELEMENT ----------> <----- FROM ----->	<------ TO ------>	CKT	DISTR. FACTOR	PRE-SHIFT MW	RATING BAS/CNT A/C	<---------- CONTINGENCY DESCRIPTION ---------->
4596.1	74316 DUNWODIE 345	74650 REAC71 345	SR	0.23457	431.6	715.0	BASE CASE
4596.1	74651 REAC72 345	74691 S. BRONX 345	4	0.23457	431.6	715.0	BASE CASE
4596.1	74650 REAC71 345	74691 S. BRONX 345	3	0.23457	431.6	715.0	BASE CASE
4596.1	74316 DUNWODIE 345	74651 REAC72 345	SR	0.23457	431.6	715.0	BASE CASE
4804.8	74348 SPRBROOK 345	74567 REACM51 345	SR	0.22585	454.0	774.0	BASE CASE
4804.8	74348 SPRBROOK 345	74568 REACM52 345	SR	0.22585	454.0	774.0	BASE CASE
4813.4	74354 W 49 ST 345	74567 REACM51 345	1	-0.22585	-452.1	774.0	BASE CASE
4813.4	74354 W 49 ST 345	74568 REACM52 345	2	-0.22585	-452.1	774.0	BASE CASE
5171.2	INTERFACE I TO J			0.92084	2383.8	4026.0	BASE CASE
5211.6	74484 GRENWOOD 138	74504 KENTTAP 138	1	-0.03010	-124.1	179.0	BASE CASE
5231.5	74345 RAINEY 345	74691 S. BRONX 345	3	-0.23457	-282.5	715.0	BASE CASE
5231.5	74345 RAINEY 345	74691 S. BRONX 345	4	-0.23457	-282.5	715.0	BASE CASE
5300.8	74484 GRENWOOD 138	74556 VERNON-E 138	1	-0.02995	-121.7	179.0	BASE CASE
5370.1	74316 DUNWODIE 345	74651 REAC72 345	SR	0.27829	529.4	1081.0	OPEN 74348 [SPRBROOK 345] TO 74568 [REACM52 345] CKT SR
							OPEN 74568 [REACM52 345] TO 74354 [W 49 ST 345] CKT 2
							OPEN 74348 [SPRBROOK 345] TO 74419 [DUN NO T 138] CKT 6
5370.1	74316 DUNWODIE 345	74650 REAC71 345	SR	0.27829	529.4	1081.0	OPEN 74348 [SPRBROOK 345] TO 74568 [REACM52 345] CKT SR
							OPEN 74568 [REACM52 345] TO 74354 [W 49 ST 345] CKT 2
							OPEN 74348 [SPRBROOK 345] TO 74419 [DUN NO T 138] CKT 6
5370.1	74316 DUNWODIE 345	74650 REAC71 345	SR	0.27829	529.4	1081.0	OPEN 74348 [SPRBROOK 345] TO 74567 [REACM51 345] CKT SR
							OPEN 74567 [REACM51 345] TO 74354 [W 49 ST 345] CKT 1
							OPEN 74348 [SPRBROOK 345] TO 74419 [DUN NO T 138] CKT 6
5370.1	74316 DUNWODIE 345	74651 REAC72 345	SR	0.27829	529.4	1081.0	OPEN 74348 [SPRBROOK 345] TO 74567 [REACM51 345] CKT SR
							OPEN 74567 [REACM51 345] TO 74354 [W 49 ST 345] CKT 1
							OPEN 74348 [SPRBROOK 345] TO 74419 [DUN NO T 138] CKT 6
5370.1	74651 REAC72 345	74691 S. BRONX 345	4	0.27828	529.4	1081.0	OPEN 74348 [SPRBROOK 345] TO 74567 [REACM51 345] CKT SR
							OPEN 74567 [REACM51 345] TO 74354 [W 49 ST 345] CKT 1
							OPEN 74348 [SPRBROOK 345] TO 74419 [DUN NO T 138] CKT 6
5370.1	74650 REAC71 345	74691 S. BRONX 345	3	0.27828	529.4	1081.0	OPEN 74348 [SPRBROOK 345] TO 74567 [REACM51 345] CKT SR
							OPEN 74567 [REACM51 345] TO 74354 [W 49 ST 345] CKT 1
							OPEN 74348 [SPRBROOK 345] TO 74419 [DUN NO T 138] CKT 6

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*** TLTG TRANSFER LIMIT OUTPUT FOR INTERFACE DUNW-SOUTH O ***

<- INTERFACE 'DUNW-SOUTH O' DEFINITION ->

<----- FROM ----->	<------ TO ------>	CKT	DISTR. FACTOR	PRE-SHIFT MW
74348 SPRBROOK 345	74351 TREMONT 345	1	0.00000	358.3
74420 DUN NO1R 138	74533 S CREEK 138	1	0.00000	64.4
74421 DUN NO2R 138	74533 S CREEK 138	1	0.00000	64.4
74424 DUN SO1R 138	74435 E179 ST 138	1	0.00000	129.4
74650 REAC71 345	74691 S. BRONX 345	3	0.25474	431.6
74651 REAC72 345	74691 S. BRONX 345	4	0.25474	431.6
74567 REACM51 345	74354 W 49 ST 345	1	0.24526	452.1
74568 REACM52 345	74354 W 49 ST 345	2	0.24526	452.1
75047 L SUCSPH 138	74505 JAMAICA 138	1	0.00000	146.8
75067 V STRM P 138	74505 JAMAICA 138	1	0.00000	140.7
TOTALS FOR INTERFACE DUNW-SOUTH O			1.00000	2671.3

TOTAL TRANS CAPAB	<---------- LIMITING ELEMENT ----------> <----- FROM ----->	<------ TO ------>	CKT	DISTR. FACTOR	PRE-SHIFT MW	RATING BAS/CNT A/C	<---------- CONTINGENCY DESCRIPTION ---------->
3783.9	74316 DUNWODIE 345	74650 REAC71 345	SR	0.25474	431.6	715.0	BASE CASE
3783.9	74651 REAC72 345	74691 S. BRONX 345	4	0.25474	431.6	715.0	BASE CASE
3783.9	74650 REAC71 345	74691 S. BRONX 345	3	0.25474	431.6	715.0	BASE CASE
3783.9	74316 DUNWODIE 345	74651 REAC72 345	SR	0.25474	431.6	715.0	BASE CASE
3976.2	74348 SPRBROOK 345	74567 REACM51 345	SR	0.24526	454.0	774.0	BASE CASE
3976.2	74348 SPRBROOK 345	74568 REACM52 345	SR	0.24526	454.0	774.0	BASE CASE
3984.0	74354 W 49 ST 345	74567 REACM51 345	1	-0.24526	-452.1	774.0	BASE CASE
3984.0	74354 W 49 ST 345	74568 REACM52 345	2	-0.24526	-452.1	774.0	BASE CASE
4313.5	INTERFACE I TO J			1.00000	2383.8	4026.0	BASE CASE
4350.8	74484 GRENWOOD 138	74504 KENTTAP 138	1	-0.03269	-124.1	179.0	BASE CASE
4369.0	74345 RAINEY 345	74691 S. BRONX 345	3	-0.25474	-282.5	715.0	BASE CASE
4369.0	74345 RAINEY 345	74691 S. BRONX 345	4	-0.25474	-282.5	715.0	BASE CASE
4432.9	74484 GRENWOOD 138	74556 VERNON-E 138	1	-0.03252	-121.7	179.0	BASE CASE
4496.7	74316 DUNWODIE 345	74651 REAC72 345	SR	0.30221	529.4	1081.0	OPEN 74348 [SPRBROOK 345] TO 74568 [REACM52 345] CKT SR
							OPEN 74568 [REACM52 345] TO 74354 [W 49 ST 345] CKT 2
							OPEN 74348 [SPRBROOK 345] TO 74419 [DUN NO T 138] CKT 6
4496.7	74316 DUNWODIE 345	74650 REAC71 345	SR	0.30221	529.4	1081.0	OPEN 74348 [SPRBROOK 345] TO 74568 [REACM52 345] CKT SR
							OPEN 74568 [REACM52 345] TO 74354 [W 49 ST 345] CKT 2
							OPEN 74348 [SPRBROOK 345] TO 74419 [DUN NO T 138] CKT 6
4496.7	74316 DUNWODIE 345	74650 REAC71 345	SR	0.30221	529.4	1081.0	OPEN 74348 [SPRBROOK 345] TO 74567 [REACM51 345] CKT SR
							OPEN 74567 [REACM51 345] TO 74354 [W 49 ST 345] CKT 1
							OPEN 74348 [SPRBROOK 345] TO 74419 [DUN NO T 138] CKT 6
4496.7	74316 DUNWODIE 345	74651 REAC72 345	SR	0.30221	529.4	1081.0	OPEN 74348 [SPRBROOK 345] TO 74567 [REACM51 345] CKT SR
							OPEN 74567 [REACM51 345] TO 74354 [W 49 ST 345] CKT 1
							OPEN 74348 [SPRBROOK 345] TO 74419 [DUN NO T 138] CKT 6
4496.7	74651 REAC72 345	74691 S. BRONX 345	4	0.30220	529.4	1081.0	OPEN 74348 [SPRBROOK 345] TO 74567 [REACM51 345] CKT SR
							OPEN 74567 [REACM51 345] TO 74354 [W 49 ST 345] CKT 1
							OPEN 74348 [SPRBROOK 345] TO 74419 [DUN NO T 138] CKT 6
4496.7	74650 REAC71 345	74691 S. BRONX 345	3	0.30220	529.4	1081.0	OPEN 74348 [SPRBROOK 345] TO 74567 [REACM51 345] CKT SR
							OPEN 74567 [REACM51 345] TO 74354 [W 49 ST 345] CKT 1
							OPEN 74348 [SPRBROOK 345] TO 74419 [DUN NO T 138] CKT 6

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*** TLTG TRANSFER LIMIT OUTPUT FOR INTERFACE I TO J ***

<- INTERFACE 'I TO J ' DEFINITION ->

<----- FROM ----->	<------ TO ------>	CKT	DISTR. FACTOR	PRE-SHIFT MW
74348 SPRBROOK 345	74351 TREMONT 345	1	0.00000	358.3
74420 DUN NO1R 138	74533 S CREEK 138	1	0.00000	64.4
74421 DUN NO2R 138	74533 S CREEK 138	1	0.00000	64.4
74424 DUN SO1R 138	74435 E179 ST 138	1	0.00000	129.4
74650 REAC71 345	74691 S. BRONX 345	3	0.25474	431.6
74651 REAC72 345	74691 S. BRONX 345	4	0.25474	431.6
74567 REACM51 345	74354 W 49 ST 345	1	0.24526	452.1
74568 REACM52 345	74354 W 49 ST 345	2	0.24526	452.1
TOTALS FOR INTERFACE I TO J			1.00000	2383.8

TOTAL TRANS CAPAB	<---------- LIMITING ELEMENT ----------> FROM	TO	CKT	DISTR. FACTOR	PRE-SHIFT MW	RATING BAS/CNT A/C	<---------- CONTINGENCY DESCRIPTION ---------->
3496.4	74316 DUNWODIE 345	74650 REAC71 345	SR	0.25474	431.6	715.0	BASE CASE
3496.4	74651 REAC72 345	74691 S. BRONX 345	4	0.25474	431.6	715.0	BASE CASE
3496.4	74650 REAC71 345	74691 S. BRONX 345	3	0.25474	431.6	715.0	BASE CASE
3496.4	74316 DUNWODIE 345	74651 REAC72 345	SR	0.25474	431.6	715.0	BASE CASE
3688.7	74348 SPRBROOK 345	74567 REACM51 345	SR	0.24526	454.0	774.0	BASE CASE
3688.7	74348 SPRBROOK 345	74568 REACM52 345	SR	0.24526	454.0	774.0	BASE CASE
3696.5	74354 W 49 ST 345	74567 REACM51 345	1	-0.24526	-452.1	774.0	BASE CASE
3696.5	74354 W 49 ST 345	74568 REACM52 345	2	-0.24526	-452.1	774.0	BASE CASE
4026.0	INTERFACE I TO J			1.00000	2383.8	4026.0	BASE CASE
4063.3	74484 GRENWOOD 138	74504 KENTTAP 138	1	-0.03269	-124.1	179.0	BASE CASE
4081.5	74345 RAINEY 345	74691 S. BRONX 345	3	-0.25474	-282.5	715.0	BASE CASE
4081.5	74345 RAINEY 345	74691 S. BRONX 345	4	-0.25474	-282.5	715.0	BASE CASE
4145.4	74484 GRENWOOD 138	74556 VERNON-E 138	1	-0.03252	-121.7	179.0	BASE CASE
4209.2	74316 DUNWODIE 345	74651 REAC72 345	SR	0.30221	529.4	1081.0	OPEN 74348 [SPRBROOK 345] TO 74568 [REACM52 345] CKT SR
							OPEN 74568 [REACM52 345] TO 74354 [W 49 ST 345] CKT 2
							OPEN 74348 [SPRBROOK 345] TO 74419 [DUN NO T 138] CKT 6
4209.2	74316 DUNWODIE 345	74650 REAC71 345	SR	0.30221	529.4	1081.0	OPEN 74348 [SPRBROOK 345] TO 74568 [REACM52 345] CKT SR
							OPEN 74568 [REACM52 345] TO 74354 [W 49 ST 345] CKT 2
							OPEN 74348 [SPRBROOK 345] TO 74419 [DUN NO T 138] CKT 6
4209.2	74316 DUNWODIE 345	74650 REAC71 345	SR	0.30221	529.4	1081.0	OPEN 74348 [SPRBROOK 345] TO 74567 [REACM51 345] CKT SR
							OPEN 74567 [REACM51 345] TO 74354 [W 49 ST 345] CKT 1
							OPEN 74348 [SPRBROOK 345] TO 74419 [DUN NO T 138] CKT 6
4209.2	74316 DUNWODIE 345	74651 REAC72 345	SR	0.30221	529.4	1081.0	OPEN 74348 [SPRBROOK 345] TO 74567 [REACM51 345] CKT SR
							OPEN 74567 [REACM51 345] TO 74354 [W 49 ST 345] CKT 1
							OPEN 74348 [SPRBROOK 345] TO 74419 [DUN NO T 138] CKT 6
4209.2	74651 REAC72 345	74691 S. BRONX 345	4	0.30220	529.4	1081.0	OPEN 74348 [SPRBROOK 345] TO 74567 [REACM51 345] CKT SR
							OPEN 74567 [REACM51 345] TO 74354 [W 49 ST 345] CKT 1
							OPEN 74348 [SPRBROOK 345] TO 74419 [DUN NO T 138] CKT 6
4209.2	74650 REAC71 345	74691 S. BRONX 345	3	0.30220	529.4	1081.0	OPEN 74348 [SPRBROOK 345] TO 74567 [REACM51 345] CKT SR
							OPEN 74567 [REACM51 345] TO 74354 [W 49 ST 345] CKT 1
							OPEN 74348 [SPRBROOK 345] TO 74419 [DUN NO T 138] CKT 6
4209.2	74650 REAC71 345	74691 S. BRONX 345	3	0.30220	529.4	1081.0	OPEN 74348 [SPRBROOK 345] TO 74568 [REACM52 345] CKT SR
							OPEN 74568 [REACM52 345] TO 74354 [W 49 ST 345] CKT 2
							OPEN 74348 [SPRBROOK 345] TO 74419 [DUN NO T 138] CKT 6

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*** TLTG EXPORT LIMIT OUTPUT FOR BASE CASE ***

DISTRIBUTION FACTOR FILE: C:\NYISO\CRPP4\li.dfx
SUBSYSTEM DESCRIPTION FILE: C:\NYISO\CRPP\sysli.sub
MONITORED ELEMENT FILE: C:\NYISO\CRPP\monli.mon
CONTINGENCY DESCRIPTION FILE: C:\NYISO\CRPP\contli.con

	PRE-SHIFT	DELTA	POST-SHIFT
STUDY SYSTEM MW GENERATION:	4633.8	1000.0	5633.8
OPPOSING SYSTEM MW GENERATION:	1386.0	-1000.0	386.0
STUDY SYSTEM NET INTERCHANGE:	4580.3	1000.0	5580.3

<---------- STUDY SYSTEM ---------->				<---------- OPPOSING SYSTEM ---------->				
	<---- GENERATOR MW ---->					<---- GENERATOR MW ---->		
BUS BUS NAME	BASE	SHIFT	CHANGE	BUS	BUS NAME	BASE	SHIFT	CHANGE
74190 ROSE GN124.0	649.1	825.6	176.5	74900	BARETG1 20.0	176.0	-4.0	-180.0
74302 ER G7 13.2	166.0	224.8	58.8	74907	NRTPTG2 22.0	380.0	140.0	-240.0
74700 AK 3 22.0	491.0	608.6	117.6	74908	NRTPTG3 22.0	360.0	120.0	-240.0
74705 AST 4 20.0	632.7	691.5	58.8	74909	NRTPTG4 22.0	380.0	140.0	-240.0
74706 AST 5 20.0	361.0	478.6	117.6	79571	NYPA108 13.8	90.0	-10.0	-100.0
74707 RAV 1 20.0	385.0	561.5	176.5					
79390 BOW2 20.0	592.0	886.1	294.1					

INSOLUBLE CASE: UNABLE TO RELIEVE PRE-SHIFT SOLUTION OVERLOADS
WITHOUT CAUSING ADDITIONAL OVERLOADING

LOADINGS AT OR ABOVE 100.0 %
OF RATING ARE MARKED WITH '*'

<----- FROM -----> <------ TO ------> CKT	TOTAL TRANS CAPAB	<---------- BASE CASE ---------- RATING A	PRE-SHIFT MW	POST-SHIFT MW	LIMIT CASE MW	DISTR. FACTOR
74402 ASTE-WRG 138 74705 AST 4 20.0 1	2632.0	259	-316.3*	-345.7*	-259.0*	-0.02941
74384 ASTE-ERG 138 74705 AST 4 20.0 2	2738.4	259	-313.2*	-342.6*	-255.9	-0.02942
75000 SHORE RD 345 74316 DUNWODIE 345 1	4903.5	687	-364.1	-1363.*	1582.4*	-0.99909
74557 VERNON-W 138 74707 RAV 1 20.0 1	5231.4	259	-201.3	-289.9*	-28.6	-0.08863
74556 VERNON-E 138 74707 RAV 1 20.0 2	5437.5	259	-183.7	-271.5*	-12.6	-0.08784
74332 FR KILLS 345 74700 AK 3 22.0 1	5438.8	592	-491.0	-608.6*	-261.8	-0.11765
INTERFACE LI IMPORT	5529.0	2746	1798.2	2797.2*	-148.4	0.99909
75031 GLNWD SO 138 75164 GLNWD SO69.0 1	5608.6	118	67.2	116.6	-29.2	0.04944
75030 GLNWD NO 138 75163 GLNWD NO69.0 1	5658.0	118	54.4	113.4	-60.5	0.05898
INTERFACE CE/LI TIES	5766.3	1900	715.1	1714.2	-1231.	0.99909
74402 ASTE-WRG 138 74706 AST 5 20.0 1	5905.0	259	-181.1	-239.9	-66.5	-0.05882
74384 ASTE-ERG 138 74706 AST 5 20.0 2	5924.7	259	-179.9	-238.7	-65.3	-0.05883
INTERFACE LI EXPORT	6135.4	2366	-812.3	-1811.	1134.2	-0.99909
75046 L SUCS 138 75180 LKE SCSS69.0 1	6230.0	239	111.4	188.8	-39.3	0.07734
75046 L SUCS 138 75180 LKE SCSS69.0 2	6520.3	239	101.8	172.5	-36.0	0.07072
74324 E15ST 47 345 74632 E RIVER 69.0 17	6912.3	240	-102.8	-161.6	11.8	-0.05882
75039 ELWOOD 1 138 75156 ELWOOD 69.0 1	10355.4	114	85.6	51.0	152.9*	-0.03456
75063 SYOSSET 138 75224 SYOSSET 69.0 1	10802.3	239	148.7	86.4	270.1*	-0.06231
75073 NEWBRG-2 138 75192 NEWBRGE269.0 1	11312.3	120	77.6	48.3	134.8*	-0.02936
75042 GRENLAWN 138 75166 GRENLAWN69.0 1	12190.8	114	79.9	54.5	129.6*	-0.02548

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*** TLTG TRANSFER LIMIT OUTPUT FOR INTERFACE LI IMPORT ***

<- INTERFACE 'LI IMPORT ' DEFINITION ->

<----- FROM ----->	<------ TO ------>	CKT	DISTR. FACTOR	PRE-SHIFT MW
74316 DUNWODIE 345	75000 SHORE RD 345	1	1.00000	364.1
79607 DVNPT NK 345	75004 HMP HRBR 345	1	0.00000	638.5
74505 JAMAICA 138	75047 L SUCSPH 138	1	0.00000	-146.8
74505 JAMAICA 138	75067 V STRM P 138	1	0.00000	-140.7
73166 NORHR138 138	75053 NRTHPT P 138	1	0.00000	97.2
75078 SHMHVDCL 192	75062 SHOREHAM 138	1	0.00000	329.5
74959 NEPTCONV 345	74958 NWBRG 345	1	0.00000	656.3
TOTALS FOR INTERFACE LI IMPORT			1.00000	1798.2

TOTAL TRANS CAPAB	<---------- LIMITING ELEMENT ----------> FROM ----->	<------ TO ------>	CKT	DISTR. FACTOR	PRE-SHIFT MW	RATING BAS/CNT A/C	<---------- CONTINGENCY DESCRIPTION ---------->
-3050.5	74384 ASTE-ERG 138	74705 AST 4 20.0	2	-0.05888	-629.5	344.0	OPEN 74402 [ASTE-WRG 138] TO 74705 [AST 4 20.0] CKT 1
-3050.5	74402 ASTE-WRG 138	74705 AST 4 20.0	1	-0.05888	-629.5	344.0	OPEN 74384 [ASTE-ERG 138] TO 74705 [AST 4 20.0] CKT 2
-148.4	74402 ASTE-WRG 138	74705 AST 4 20.0	1	-0.02943	-316.3	259.0	BASE CASE
-42.1	74384 ASTE-ERG 138	74705 AST 4 20.0	2	-0.02944	-313.2	259.0	BASE CASE
1653.8	74384 ASTE-ERG 138	74706 AST 5 20.0	2	-0.11775	-361.0	344.0	OPEN 74402 [ASTE-WRG 138] TO 74706 [AST 5 20.0] CKT 1
1653.8	74402 ASTE-WRG 138	74706 AST 5 20.0	1	-0.11775	-361.0	344.0	OPEN 74384 [ASTE-ERG 138] TO 74706 [AST 5 20.0] CKT 2
1803.8	74557 VERNON-W 138	74707 RAV 1 20.0	1	-0.17663	-385.0	386.0	OPEN 74556 [VERNON-E 138] TO 74707 [RAV 1 20.0] CKT 2
1803.8	74556 VERNON-E 138	74707 RAV 1 20.0	2	-0.17663	-385.0	386.0	OPEN 74557 [VERNON-W 138] TO 74707 [RAV 1 20.0] CKT 1
1930.7	74384 ASTE-ERG 138	74705 AST 4 20.0	2	-0.02944	-340.1	344.0	OPEN 74384 [ASTE-ERG 138] TO 74498 [ASTE-PAR 138] CKT 1
1930.7	74384 ASTE-ERG 138	74705 AST 4 20.0	2	-0.02944	-340.1	344.0	OPEN 74402 [ASTE-WRG 138] TO 74498 [ASTE-PAR 138] CKT 1
2002.2	74402 ASTE-WRG 138	74705 AST 4 20.0	1	-0.02943	-338.0	344.0	OPEN 74402 [ASTE-WRG 138] TO 74723 [SCS138-W 138] CKT 1
2009.8	74402 ASTE-WRG 138	74705 AST 4 20.0	1	-0.03705	-336.2	344.0	OPEN 74384 [ASTE-ERG 138] TO 74495 [HG 4 138] CKT 1
2011.6	*74402 ASTE-WRG 138	74705 AST 4 20.0	1	-0.03595	-336.3	344.0	OPEN 74402 [ASTE-WRG 138] TO 74706 [AST 5 20.0] CKT 1
2082.9	*74384 ASTE-ERG 138	74705 AST 4 20.0	2	-0.03707	-333.4	344.0	OPEN 74402 [ASTE-WRG 138] TO 74492 [HG 1 138] CKT 1
2121.1	75000 SHORE RD 345	74316 DUNWODIE 345	1	-1.00000	-364.1	687.0	BASE CASE
2448.6	74557 VERNON-W 138	74707 RAV 1 20.0	1	-0.08871	-201.3	259.0	BASE CASE
2616.6	75000 SHORE RD 345	74316 DUNWODIE 345	1	-1.00000	-693.6	1512.0	OPEN 79607 [DVNPT NK 345] TO 75004 [HMP HRBR 345] CKT 1
2654.6	74556 VERNON-E 138	74707 RAV 1 20.0	2	-0.08792	-183.7	259.0	BASE CASE
2655.9	74332 FR KILLS 345	74700 AK 3 22.0	1	-0.11775	-491.0	592.0	BASE CASE
2746.0	INTERFACE LI IMPORT			1.00000	1798.2	2746.0	BASE CASE
2825.5	75031 GLNWD SO 138	75164 GLNWD SO69.0	1	0.04949	67.2	118.0	BASE CASE
2827.9	75000 SHORE RD 345	74316 DUNWODIE 345	1	-1.00000	-482.3	1512.0	OPEN 75038 [E.G.C. 138] TO 75002 [E.G.C.-1 345] CKT 1
2828.1	75000 SHORE RD 345	74316 DUNWODIE 345	1	-1.00000	-482.1	1512.0	OPEN 75074 [E.G.C.-2 138] TO 75003 [E.G.C.-2 345] CKT 1
2828.7	*75000 SHORE RD 345	74316 DUNWODIE 345	1	-0.99901	-482.4	1512.0	OPEN 75038 [E.G.C. 138] TO 75050 [NEWBRGE 138] CKT 1
							OPEN 75038 [E.G.C. 138] TO 75002 [E.G.C.-1 345] CKT 1
2874.8	75030 GLNWD NO 138	75163 GLNWD NO69.0	1	0.05903	54.4	118.0	BASE CASE
2983.1	INTERFACE CE/LI TIES			1.00000	715.1	1900.0	BASE CASE
2994.9	75030 GLNWD NO 138	75163 GLNWD NO69.0	1	0.09243	54.4	165.0	OPEN 75031 [GLNWD SO 138] TO 75041 [SHORE RD 138] CKT 1
3019.1	75031 GLNWD SO 138	75164 GLNWD SO69.0	1	0.08007	67.2	165.0	OPEN 75030 [GLNWD NO 138] TO 75041 [SHORE RD 138] CKT 1
3115.5	75030 GLNWD NO 138	75163 GLNWD NO69.0	1	0.08197	57.0	165.0	OPEN 75038 [E.G.C. 138] TO 75060 [ROSLYN 138] CKT 1
							OPEN 75038 [E.G.C. 138] TO 75002 [E.G.C.-1 345] CKT 1
3121.6	74402 ASTE-WRG 138	74706 AST 5 20.0	1	-0.05887	-181.1	259.0	BASE CASE
3141.3	74384 ASTE-ERG 138	74706 AST 5 20.0	2	-0.05888	-179.9	259.0	BASE CASE
3204.5	75030 GLNWD NO 138	75163 GLNWD NO69.0	1	0.08085	51.3	165.0	OPEN 75029 [GLNWD GT 138] TO 75030 [GLNWD NO 138] CKT 1
3204.5	*75030 GLNWD NO 138	75163 GLNWD NO69.0	1	0.08085	51.3	165.0	OPEN 75029 [GLNWD GT 138] TO 75060 [ROSLYN 138] CKT 1

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*** TLTG EXPORT LIMIT OUTPUT FOR BASE CASE ***

DISTRIBUTION FACTOR FILE: C:\NYISO\CRPP4\de.dfx
SUBSYSTEM DESCRIPTION FILE: C:\NYISO\CRPP\sysde.sub
MONITORED ELEMENT FILE: C:\NYISO\CRPP\monde.mon
CONTINGENCY DESCRIPTION FILE: C:\NYISO\CRPP\contde.con

	PRE-SHIFT	DELTA	POST-SHIFT
STUDY SYSTEM MW GENERATION:	1222.9	1000.0	2222.9
OPPOSING SYSTEM MW GENERATION:	4732.6	-1000.0	3732.6
STUDY SYSTEM NET INTERCHANGE:	1204.4	1000.0	2204.4

<---------- STUDY SYSTEM ---------->				<---------- OPPOSING SYSTEM ---------->			
	<---- GENERATOR MW ---->				<---- GENERATOR MW ---->		
BUS BUS NAME	BASE	SHIFT	CHANGE	BUS BUS NAME	BASE	SHIFT	CHANGE
80900 LAKEVWG518.0	211.9	545.2	333.3	74190 ROSE GN124.0	727.0	647.0	-80.0
81422 LENNOXG220.0	505.5	838.8	333.3	74702 RAV 3 22.0	972.0	712.0	-260.0
81425 LENNOXG420.0	505.5	838.8	333.3	74703 AK 2 20.0	334.0	254.0	-80.0
				74705 AST 4 20.0	729.7	649.7	-80.0
				74907 NRTPTG2 22.0	380.0	280.0	-100.0
				74908 NRTPTG3 22.0	360.0	260.0	-100.0
				79390 BOW2 20.0	592.0	472.0	-120.0
				79538 POLETGT218.0	222.0	162.0	-60.0
				79539 POLETSTG18.0	194.0	134.0	-60.0
				79540 POLETGT118.0	222.0	162.0	-60.0

LOADINGS AT OR ABOVE 100.0 %
OF RATING ARE MARKED WITH '*'

		<---------- BASE CASE ---------->				
<----- FROM -----> <------ TO ------> CKT	TOTAL TRANS CAPAB	RATING A	PRE-SHIFT MW	POST-SHIFT MW	LIMIT CASE MW	DISTR. FACTOR
75465 HINMN115 115 76261 HARIS115 115 1	2184.0	238	-204.6	-238.7*	-238.0*	-0.03413
75414 MEYER230 230 75417 STOLE230 230 1	2696.6	430	-265.2	-375.6	-373.4	-0.11045
76702 LOCKPORT 115 77126 TELRDTP1 115 1	2826.0	144	99.1	126.8	126.2	0.02770
76702 LOCKPORT 115 77101 SHEL-113 115 1	2958.7	144	93.7	122.4	121.8	0.02865
75465 HINMN115 115 76702 LOCKPORT 115 1	2962.1	238	176.3	211.4	210.7	0.03513
76702 LOCKPORT 115 77122 SOUR-111 115 1	2967.6	131	83.3	110.4	109.8	0.02704
79584 NIAG 345 345 79800 ROCH 345 345 1	3091.7	1301	620.8	981.2	973.9	0.36040
77122 SOUR-111 115 77123 SWDN-111 115 1	3135.9	131	78.8	105.8	105.3	0.02704
77101 SHEL-113 115 77124 SWDN-113 115 1	3309.9	144	83.6	112.3	111.7	0.02868
77109 LAPPINS1 115 77116 NLEROYTA 115 1	3311.4	139	78.7	107.3	106.7	0.02864
77100 SOUR-114 115 77111 MORTIMER 115 1	3385.7	129	65.2	94.4	93.8	0.02926
77400 CLAY 345 78450 EDIC 345 2	3405.6	1033	613.6	804.1	800.2	0.19055
77112 MUMFORD1 115 77116 NLEROYTA 115 1	3408.8	129	-64.8	-93.9	-93.3	-0.02911
75405 OAKDL345 345 75403 FRASR345 345 1	3412.8	1255	673.0	936.5	931.1	0.26355
77400 CLAY 345 78450 EDIC 345 1	3423.3	1033	611.6	801.5	797.6	0.18992
77100 SOUR-114 115 77126 TELRDTP1 115 1	3453.9	143	-77.1	-106.4	-105.8	-0.02929
77110 LAWLER-1 115 77111 MORTIMER 115 1	3513.8	129	-70.5	-95.8	-95.3	-0.02532
75426 BORDR115 115 77447 FRMGTN-4 115 1	3544.4	150	-73.0	-105.9	-105.2	-0.03292
INTERFACE DYSE OPEN	3608.0	3989	1978.0	2814.7	2797.6	0.83666
77447 FRMGTN-4 115 79825 PANNELLI 115 1	3683.4	206	-120.3	-154.9	-154.2	-0.03457

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*** TLTG TRANSFER LIMIT OUTPUT FOR INTERFACE DYSE OPEN ***

<- INTERFACE 'DYSE OPEN ' DEFINITION ->

<----- FROM ----->	<------ TO ------>	CKT	DISTR. FACTOR	PRE-SHIFT MW
75404 KINTI345 345	79800 ROCH 345 345	1	0.29379	619.6
79584 NIAG 345 345	79800 ROCH 345 345	1	0.43076	620.8
75417 STOLE230 230	75414 MEYER230 230	1	0.13201	265.2
75994 PALMT115 115	75992 BENET115 115	1	0.00000	-6.6
76702 LOCKPORT 115	77125 TELRDTP1 115	1	0.01542	79.2
76702 LOCKPORT 115	77115 NAKR-108 115	1	0.01299	56.8
76702 LOCKPORT 115	77117 OAKFLDTP 115	1	0.01534	66.9
76702 LOCKPORT 115	77122 SOUR-111 115	1	0.03232	83.3
76702 LOCKPORT 115	77101 SHEL-113 115	1	0.03425	93.7
76702 LOCKPORT 115	77126 TELRDTP1 115	1	0.03310	99.1
TOTALS FOR INTERFACE DYSE OPEN			1.00000	1978.0

TOTAL TRANS CAPAB	<---------- LIMITING ELEMENT ----------> <------ FROM ----->	<------ TO ------>	CKT	DISTR. FACTOR	PRE-SHIFT MW	RATING BAS/CNT A/C	<---------- CONTINGENCY DESCRIPTION ---------->
1987.6	76660 ELM-70 230	76837 ELMST23.23.0	1	0.02625	95.7	96.0	OPEN 76664 [HUNTLEY2 230] TO 76556 [SAWYER79 230] CKT 1
							OPEN 76556 [SAWYER79 230] TO 76668 [SUNY-79 230] CKT 1
							OPEN 76664 [HUNTLEY2 230] TO 76555 [SAWYER80 230] CKT 1
							OPEN 76555 [SAWYER80 230] TO 76669 [SUNY-80 230] CKT 1
2444.5	75476 MEYER115 115	75995 S.PER115 115	1	-0.02792	-91.0	104.0	OPEN 75412 [GARDV230 230] TO 75417 [STOLE230 230] CKT 1
							OPEN 75416 [ROBIN230 230] TO 75417 [STOLE230 230] CKT 1
							OPEN 75417 [STOLE230 230] TO 75414 [MEYER230 230] CKT 1
2508.7	75476 MEYER115 115	75995 S.PER115 115	1	-0.02778	-89.3	104.0	OPEN 75417 [STOLE230 230] TO 75414 [MEYER230 230] CKT 1
2536.0	75476 MEYER115 115	75995 S.PER115 115	1	-0.02997	-87.3	104.0	OPEN 75417 [STOLE230 230] TO 75414 [MEYER230 230] CKT 1
							OPEN 75406 [STOLE345 345] TO 479 [HOMER CY 345] CKT 1
2562.0	76527 FALCONER 115	281 WARREN 115	1	0.05121	52.1	82.0	OPEN 361 [ERIE E 230] TO 76501 [S RIPLEY 230] CKT 1
							OPEN 383 [E.SAYRE 115] TO 75486 [N.WAV115 115] CKT 1
2797.6	75465 HINMN115 115	76261 HARIS115 115	1	-0.04079	-204.6	238.0	BASE CASE
2812.0	77103 BATAVIA1 115	77121 SENECAP 115	1	0.05101	116.5	159.0	OPEN 79800 [ROCH 345 345] TO 79584 [NIAG 345 345] CKT 1
							OPEN 79800 [ROCH 345 345] TO 79819 [S80 1TR 115] CKT 1
2823.7	77103 BATAVIA1 115	77121 SENECAP 115	1	0.05074	116.1	159.0	OPEN 79800 [ROCH 345 345] TO 79584 [NIAG 345 345] CKT 1
							OPEN 79592 [NIAGAR2W 230] TO 79584 [NIAG 345 345] CKT 1
2841.1	77103 BATAVIA1 115	77121 SENECAP 115	1	0.05122	114.8	159.0	OPEN 79584 [NIAG 345 345] TO 79800 [ROCH 345 345] CKT 1
2856.1	77103 BATAVIA1 115	77121 SENECAP 115	1	0.05070	114.5	159.0	OPEN 79801 [PANNELL3 345] TO 79800 [ROCH 345 345] CKT 2
							OPEN 79800 [ROCH 345 345] TO 79584 [NIAG 345 345] CKT 1
2861.1	76527 FALCONER 115	281 WARREN 115	1	0.05177	36.3	82.0	OPEN 76500 [DUNKIRK 230] TO 76501 [S RIPLEY 230] CKT 1
2891.9	75405 OAKDL345 345	75403 FRASR345 345	1	0.38146	1031.4	1380.0	OPEN 78450 [EDIC 345] TO 75403 [FRASR345 345] CKT 1
							OPEN 79583 [MARCY T1 345] TO 75400 [COOPC345 345] CKT 1
2943.9	75465 HINMN115 115	76261 HARIS115 115	1	-0.05921	-248.8	306.0	OPEN 75412 [GARDV230 230] TO 75417 [STOLE230 230] CKT 1
							OPEN 75416 [ROBIN230 230] TO 75417 [STOLE230 230] CKT 1
							OPEN 75417 [STOLE230 230] TO 75414 [MEYER230 230] CKT 1
2945.0	76702 LOCKPORT 115	77122 SOUR-111 115	1	0.04997	110.7	159.0	OPEN 79800 [ROCH 345 345] TO 79584 [NIAG 345 345] CKT 1
							OPEN 79800 [ROCH 345 345] TO 79819 [S80 1TR 115] CKT 1
2947.0	76527 FALCONER 115	281 WARREN 115	1	0.04995	33.6	82.0	OPEN 76663 [GRDNVL2 230] TO 76500 [DUNKIRK 230] CKT 1
							OPEN 76500 [DUNKIRK 230] TO 76523 [DUNKIRK1 115] CKT 1
							OPEN 76500 [DUNKIRK 230] TO 76501 [S RIPLEY 230] CKT 1
2957.5	76702 LOCKPORT 115	77122 SOUR-111 115	1	0.04971	110.3	159.0	OPEN 79800 [ROCH 345 345] TO 79584 [NIAG 345 345] CKT 1
							OPEN 79592 [NIAGAR2W 230] TO 79584 [NIAG 345 345] CKT 1

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*** TLTG TRANSFER LIMIT OUTPUT FOR INTERFACE DYSE OPEN ***

TOTAL TRANS CAPAB	LIMITING ELEMENT FROM	LIMITING ELEMENT TO	CKT	DISTR. FACTOR	PRE-SHIFT MW	RATING BAS/CNT A/C	CONTINGENCY DESCRIPTION
2973.6	76702 LOCKPORT 115	77122 SOUR-111 115	1	0.05018	109.0	159.0	OPEN 79584 [NIAG 345 345] TO 79800 [ROCH 345 345] CKT 1
2982.8	75465 HINMN115 115	76261 HARIS115 115	1	-0.05829	-247.4	306.0	OPEN 75416 [ROBIN230 230] TO 75417 [STOLE230 230] CKT 1
2990.0	76702 LOCKPORT 115	77122 SOUR-111 115	1	0.04967	108.7	159.0	OPEN 79801 [PANNELL3 345] TO 79800 [ROCH 345 345] CKT 2
							OPEN 79800 [ROCH 345 345] TO 79584 [NIAG 345 345] CKT 1
3011.6	76702 LOCKPORT 115	77126 TELRDTP1 115	1	0.05118	127.1	180.0	OPEN 79800 [ROCH 345 345] TO 79584 [NIAG 345 345] CKT 1
							OPEN 79800 [ROCH 345 345] TO 79819 [S80 1TR 115] CKT 1
3024.3	76702 LOCKPORT 115	77126 TELRDTP1 115	1	0.05091	126.7	180.0	OPEN 79800 [ROCH 345 345] TO 79584 [NIAG 345 345] CKT 1
							OPEN 79592 [NIAGAR2W 230] TO 79584 [NIAG 345 345] CKT 1
3027.7	75465 HINMN115 115	76261 HARIS115 115	1	-0.06335	-239.5	306.0	OPEN 79800 [ROCH 345 345] TO 79584 [NIAG 345 345] CKT 1
							OPEN 79800 [ROCH 345 345] TO 79819 [S80 1TR 115] CKT 1
3036.1	77122 SOUR-111 115	77123 SWDN-111 115	1	0.04997	106.1	159.0	OPEN 79800 [ROCH 345 345] TO 79584 [NIAG 345 345] CKT 1
							OPEN 79800 [ROCH 345 345] TO 79819 [S80 1TR 115] CKT 1
3038.0	*75465 HINMN115 115	76261 HARIS115 115	1	-0.06292	-239.3	306.0	OPEN 79800 [ROCH 345 345] TO 79584 [NIAG 345 345] CKT 1
							OPEN 79592 [NIAGAR2W 230] TO 79584 [NIAG 345 345] CKT 1
3039.9	76702 LOCKPORT 115	77126 TELRDTP1 115	1	0.05139	125.4	180.0	OPEN 79584 [NIAG 345 345] TO 79800 [ROCH 345 345] CKT 1
3049.0	77122 SOUR-111 115	77123 SWDN-111 115	1	0.04971	105.8	159.0	OPEN 79800 [ROCH 345 345] TO 79584 [NIAG 345 345] CKT 1
							OPEN 79592 [NIAGAR2W 230] TO 79584 [NIAG 345 345] CKT 1
3054.9	77100 SOUR-114 115	77111 MORTIMER 115	1	0.05407	94.8	153.0	OPEN 79800 [ROCH 345 345] TO 79584 [NIAG 345 345] CKT 1
							OPEN 79800 [ROCH 345 345] TO 79819 [S80 1TR 115] CKT 1
3056.9	76702 LOCKPORT 115	77126 TELRDTP1 115	1	0.05087	125.1	180.0	OPEN 79801 [PANNELL3 345] TO 79800 [ROCH 345 345] CKT 2
							OPEN 79800 [ROCH 345 345] TO 79584 [NIAG 345 345] CKT 1
3059.9	76702 LOCKPORT 115	77101 SHEL-113 115	1	0.05294	122.7	180.0	OPEN 79800 [ROCH 345 345] TO 79584 [NIAG 345 345] CKT 1
							OPEN 79800 [ROCH 345 345] TO 79819 [S80 1TR 115] CKT 1
3064.4	77122 SOUR-111 115	77123 SWDN-111 115	1	0.05018	104.5	159.0	OPEN 79584 [NIAG 345 345] TO 79800 [ROCH 345 345] CKT 1
3065.0	*77103 BATAVIA1 115	77121 SENECAP 115	1	0.04319	112.1	159.0	OPEN 75404 [KINTI345 345] TO 79800 [ROCH 345 345] CKT 1
							OPEN 79800 [ROCH 345 345] TO 79819 [S80 1TR 115] CKT 1
3067.9	77100 SOUR-114 115	77111 MORTIMER 115	1	0.05379	94.4	153.0	OPEN 79800 [ROCH 345 345] TO 79584 [NIAG 345 345] CKT 1
							OPEN 79592 [NIAGAR2W 230] TO 79584 [NIAG 345 345] CKT 1
3072.6	75469 KATEL115 115	75467 JENN 115	115 1	0.03872	116.6	159.0	OPEN 75405 [OAKDL345 345] TO 75403 [FRASR345 345] CKT 1
3072.9	76702 LOCKPORT 115	77101 SHEL-113 115	1	0.05267	122.3	180.0	OPEN 79800 [ROCH 345 345] TO 79584 [NIAG 345 345] CKT 1
							OPEN 79592 [NIAGAR2W 230] TO 79584 [NIAG 345 345] CKT 1
3081.6	77122 SOUR-111 115	77123 SWDN-111 115	1	0.04967	104.2	159.0	OPEN 79801 [PANNELL3 345] TO 79800 [ROCH 345 345] CKT 2
							OPEN 79800 [ROCH 345 345] TO 79584 [NIAG 345 345] CKT 1
3083.0	77100 SOUR-114 115	77111 MORTIMER 115	1	0.05429	93.0	153.0	OPEN 79584 [NIAG 345 345] TO 79800 [ROCH 345 345] CKT 1
3088.0	76702 LOCKPORT 115	77101 SHEL-113 115	1	0.05316	121.0	180.0	OPEN 79584 [NIAG 345 345] TO 79800 [ROCH 345 345] CKT 1
3100.4	77100 SOUR-114 115	77111 MORTIMER 115	1	0.05375	92.7	153.0	OPEN 79801 [PANNELL3 345] TO 79800 [ROCH 345 345] CKT 2
							OPEN 79800 [ROCH 345 345] TO 79584 [NIAG 345 345] CKT 1
3105.5	76702 LOCKPORT 115	77101 SHEL-113 115	1	0.05262	120.7	180.0	OPEN 79801 [PANNELL3 345] TO 79800 [ROCH 345 345] CKT 2
							OPEN 79800 [ROCH 345 345] TO 79584 [NIAG 345 345] CKT 1
3212.4	79584 NIAG 345 345	79800 ROCH 345 345	1	0.59002	956.7	1685.0	OPEN 75404 [KINTI345 345] TO 79800 [ROCH 345 345] CKT 1
3213.3	77109 LAPPINS1 115	77116 NLEROYTA 115	1	0.05292	107.6	173.0	OPEN 79800 [ROCH 345 345] TO 79584 [NIAG 345 345] CKT 1
							OPEN 79800 [ROCH 345 345] TO 79819 [S80 1TR 115] CKT 1
3222.2	*76702 LOCKPORT 115	77122 SOUR-111 115	1	0.04230	106.4	159.0	OPEN 75404 [KINTI345 345] TO 79800 [ROCH 345 345] CKT 1
							OPEN 79800 [ROCH 345 345] TO 79819 [S80 1TR 115] CKT 1
3224.7	79584 NIAG 345 345	79800 ROCH 345 345	1	0.59044	948.9	1685.0	OPEN 75404 [KINTI345 345] TO 79800 [ROCH 345 345] CKT 1
							OPEN 79800 [ROCH 345 345] TO 79819 [S80 1TR 115] CKT 1
3226.5	75414 MEYER230 230	75417 STOLE230 230	1	-0.13201	-265.2	430.0	BASE CASE

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*** TLTG TRANSFER LIMIT OUTPUT FOR INTERFACE WESTC OPEN ***

<- INTERFACE 'WESTC OPEN ' DEFINITION ->

<----- FROM ----->	<------ TO ------>	CKT	DISTR. FACTOR	PRE-SHIFT MW
79801 PANNELL3 345	77400 CLAY 345	1	0.36276	126.5
79801 PANNELL3 345	77400 CLAY 345	2	0.36394	126.9
75417 STOLE230 230	75414 MEYER230 230	1	0.13201	265.2
75994 PALMT115 115	75992 BENET115 115	1	0.00000	-6.6
79826 QUAKER 115	75892 MACDN115 115	1	0.00327	37.2
77111 MORTIMER 115	77110 LAWLER-1 115	1	0.03027	70.5
77111 MORTIMER 115	77463 LAWLER-2 115	1	0.03164	49.4
79825 PANNELLI 115	77447 FRMGTN-4 115	1	0.04132	120.3
79804 S121 B#2 115	75893 SLEIG115 115	1	0.02969	80.5
79810 STA 162 115	75995 S.PER115 115	1	0.00510	12.0
79805 CLYDE199 115	75893 SLEIG115 115	1	-0.03075	-39.6
79805 CLYDE199 115	77433 CLTNCORN 115	1	0.03075	23.5
79875 FARMNGTN34.5	77444 FARMGTN1 115	1	0.00197	-23.9
79875 FARMNGTN34.5	77447 FRMGTN-4 115	1	-0.00197	-40.7
79946 S168 12.0	77447 FRMGTN-4 115	1	0.00000	-5.1
TOTALS FOR INTERFACE WESTC OPEN			1.00000	796.1

TOTAL TRANS CAPAB	<---------- LIMITING ELEMENT ----------> <----- FROM ----->	<------ TO ------>	CKT	DISTR. FACTOR	PRE-SHIFT MW	RATING BAS/CNT A/C	<---------- CONTINGENCY DESCRIPTION ---------->
805.7	76660 ELM-70 230	76837 ELMST23.23.0	1	0.02625	95.7	96.0	OPEN 76664 [HUNTLEY2 230] TO 76556 [SAWYER79 230] CKT 1
							OPEN 76556 [SAWYER79 230] TO 76668 [SUNY-79 230] CKT 1
							OPEN 76664 [HUNTLEY2 230] TO 76555 [SAWYER80 230] CKT 1
							OPEN 76555 [SAWYER80 230] TO 76669 [SUNY-80 230] CKT 1
1262.5	75476 MEYER115 115	75995 S.PER115 115	1	-0.02792	-91.0	104.0	OPEN 75412 [GARDV230 230] TO 75417 [STOLE230 230] CKT 1
							OPEN 75416 [ROBIN230 230] TO 75417 [STOLE230 230] CKT 1
							OPEN 75417 [STOLE230 230] TO 75414 [MEYER230 230] CKT 1
1326.7	75476 MEYER115 115	75995 S.PER115 115	1	-0.02778	-89.3	104.0	OPEN 75417 [STOLE230 230] TO 75414 [MEYER230 230] CKT 1
1354.1	75476 MEYER115 115	75995 S.PER115 115	1	-0.02997	-87.3	104.0	OPEN 75417 [STOLE230 230] TO 75414 [MEYER230 230] CKT 1
							OPEN 75406 [STOLE345 345] TO 479 [HOMER CY 345] CKT 1
1380.1	76527 FALCONER 115 281	WARREN 115	1	0.05121	52.1	82.0	OPEN 361 [ERIE E 230] TO 76501 [S RIPLEY 230] CKT 1
							OPEN 383 [E.SAYRE 115] TO 75486 [N.WAV115 115] CKT 1
1615.6	75465 HINMN115 115	76261 HARIS115 115	1	-0.04079	-204.6	238.0	BASE CASE
1630.0	77103 BATAVIA1 115	77121 SENECAP 115	1	0.05101	116.5	159.0	OPEN 79800 [ROCH 345 345] TO 79584 [NIAG 345 345] CKT 1
							OPEN 79800 [ROCH 345 345] TO 79819 [S80 1TR 115] CKT 1
1641.8	77103 BATAVIA1 115	77121 SENECAP 115	1	0.05074	116.1	159.0	OPEN 79800 [ROCH 345 345] TO 79584 [NIAG 345 345] CKT 1
							OPEN 79592 [NIAGAR2W 230] TO 79584 [NIAG 345 345] CKT 1
1659.2	77103 BATAVIA1 115	77121 SENECAP 115	1	0.05122	114.8	159.0	OPEN 79584 [NIAG 345 345] TO 79800 [ROCH 345 345] CKT 1
1674.1	77103 BATAVIA1 115	77121 SENECAP 115	1	0.05070	114.5	159.0	OPEN 79801 [PANNELL3 345] TO 79800 [ROCH 345 345] CKT 2
							OPEN 79800 [ROCH 345 345] TO 79584 [NIAG 345 345] CKT 1
1679.1	76527 FALCONER 115 281	WARREN 115	1	0.05177	36.3	82.0	OPEN 76500 [DUNKIRK 230] TO 76501 [S RIPLEY 230] CKT 1
1710.0	75405 OAKDL345 345	75403 FRASR345 345	1	0.38146	1031.4	1380.0	OPEN 78450 [EDIC 345] TO 75403 [FRASR345 345] CKT 1
							OPEN 79583 [MARCY T1 345] TO 75400 [COOPC345 345] CKT 1
1762.0	75465 HINMN115 115	76261 HARIS115 115	1	-0.05921	-248.8	306.0	OPEN 75412 [GARDV230 230] TO 75417 [STOLE230 230] CKT 1
							OPEN 75416 [ROBIN230 230] TO 75417 [STOLE230 230] CKT 1
							OPEN 75417 [STOLE230 230] TO 75414 [MEYER230 230] CKT 1
1763.1	76702 LOCKPORT 115	77122 SOUR-111 115	1	0.04997	110.7	159.0	OPEN 79800 [ROCH 345 345] TO 79584 [NIAG 345 345] CKT 1
							OPEN 79800 [ROCH 345 345] TO 79819 [S80 1TR 115] CKT 1

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*** TLTG TRANSFER LIMIT OUTPUT FOR INTERFACE WESTC OPEN ***

TOTAL TRANS CAPAB	LIMITING ELEMENT FROM	LIMITING ELEMENT TO	CKT	DISTR. FACTOR	PRE-SHIFT MW	RATING BAS/CNT A/C	CONTINGENCY DESCRIPTION
1765.0	76527 FALCONER 115	281 WARREN 115	1	0.04995	33.6	82.0	OPEN 76663 [GRDNVL2 230] TO 76500 [DUNKIRK 230] CKT 1
							OPEN 76500 [DUNKIRK 230] TO 76523 [DUNKIRK1 115] CKT 1
							OPEN 76500 [DUNKIRK 230] TO 76501 [S RIPLEY 230] CKT 1
1775.5	76702 LOCKPORT 115	77122 SOUR-111 115	1	0.04971	110.3	159.0	OPEN 79800 [ROCH 345 345] TO 79584 [NIAG 345 345] CKT 1
							OPEN 79592 [NIAGAR2W 230] TO 79584 [NIAG 345 345] CKT 1
1791.7	76702 LOCKPORT 115	77122 SOUR-111 115	1	0.05018	109.0	159.0	OPEN 79584 [NIAG 345 345] TO 79800 [ROCH 345 345] CKT 1
1800.9	75465 HINMN115 115	76261 HARIS115 115	1	-0.05829	-247.4	306.0	OPEN 75416 [ROBIN230 230] TO 75417 [STOLE230 230] CKT 1
1808.0	76702 LOCKPORT 115	77122 SOUR-111 115	1	0.04967	108.7	159.0	OPEN 79801 [PANNELL3 345] TO 79800 [ROCH 345 345] CKT 2
							OPEN 79800 [ROCH 345 345] TO 79584 [NIAG 345 345] CKT 1
1829.6	76702 LOCKPORT 115	77126 TELRDTP1 115	1	0.05118	127.1	180.0	OPEN 79800 [ROCH 345 345] TO 79584 [NIAG 345 345] CKT 1
							OPEN 79800 [ROCH 345 345] TO 79819 [S80 1TR 115] CKT 1
1842.4	76702 LOCKPORT 115	77126 TELRDTP1 115	1	0.05091	126.7	180.0	OPEN 79800 [ROCH 345 345] TO 79584 [NIAG 345 345] CKT 1
							OPEN 79592 [NIAGAR2W 230] TO 79584 [NIAG 345 345] CKT 1
1845.8	75465 HINMN115 115	76261 HARIS115 115	1	-0.06335	-239.5	306.0	OPEN 79800 [ROCH 345 345] TO 79584 [NIAG 345 345] CKT 1
							OPEN 79800 [ROCH 345 345] TO 79819 [S80 1TR 115] CKT 1
1854.2	77122 SOUR-111 115	77123 SWDN-111 115	1	0.04997	106.1	159.0	OPEN 79800 [ROCH 345 345] TO 79584 [NIAG 345 345] CKT 1
							OPEN 79800 [ROCH 345 345] TO 79819 [S80 1TR 115] CKT 1
1856.0	*75465 HINMN115 115	76261 HARIS115 115	1	-0.06292	-239.3	306.0	OPEN 79800 [ROCH 345 345] TO 79584 [NIAG 345 345] CKT 1
							OPEN 79592 [NIAGAR2W 230] TO 79584 [NIAG 345 345] CKT 1
1857.9	76702 LOCKPORT 115	77126 TELRDTP1 115	1	0.05139	125.4	180.0	OPEN 79584 [NIAG 345 345] TO 79800 [ROCH 345 345] CKT 1
1867.1	77122 SOUR-111 115	77123 SWDN-111 115	1	0.04971	105.8	159.0	OPEN 79800 [ROCH 345 345] TO 79584 [NIAG 345 345] CKT 1
							OPEN 79592 [NIAGAR2W 230] TO 79584 [NIAG 345 345] CKT 1
1872.9	77100 SOUR-114 115	77111 MORTIMER 115	1	0.05407	94.8	153.0	OPEN 79800 [ROCH 345 345] TO 79584 [NIAG 345 345] CKT 1
							OPEN 79800 [ROCH 345 345] TO 79819 [S80 1TR 115] CKT 1
1874.9	76702 LOCKPORT 115	77126 TELRDTP1 115	1	0.05087	125.1	180.0	OPEN 79801 [PANNELL3 345] TO 79800 [ROCH 345 345] CKT 2
							OPEN 79800 [ROCH 345 345] TO 79584 [NIAG 345 345] CKT 1
1877.9	76702 LOCKPORT 115	77101 SHEL-113 115	1	0.05294	122.7	180.0	OPEN 79800 [ROCH 345 345] TO 79584 [NIAG 345 345] CKT 1
							OPEN 79800 [ROCH 345 345] TO 79819 [S80 1TR 115] CKT 1
1882.4	77122 SOUR-111 115	77123 SWDN-111 115	1	0.05018	104.5	159.0	OPEN 79584 [NIAG 345 345] TO 79800 [ROCH 345 345] CKT 1
1883.1	*77103 BATAVIA1 115	77121 SENECAP 115	1	0.04319	112.1	159.0	OPEN 75404 [KINTI345 345] TO 79800 [ROCH 345 345] CKT 1
							OPEN 79800 [ROCH 345 345] TO 79819 [S80 1TR 115] CKT 1
1885.9	77100 SOUR-114 115	77111 MORTIMER 115	1	0.05379	94.4	153.0	OPEN 79800 [ROCH 345 345] TO 79584 [NIAG 345 345] CKT 1
							OPEN 79592 [NIAGAR2W 230] TO 79584 [NIAG 345 345] CKT 1
1890.6	75469 KATEL115 115	75467 JENN 115	115 1	0.03872	116.6	159.0	OPEN 75405 [OAKDL345 345] TO 75403 [FRASR345 345] CKT 1
1891.0	76702 LOCKPORT 115	77101 SHEL-113 115	1	0.05267	122.3	180.0	OPEN 79800 [ROCH 345 345] TO 79584 [NIAG 345 345] CKT 1
							OPEN 79592 [NIAGAR2W 230] TO 79584 [NIAG 345 345] CKT 1
1899.7	77122 SOUR-111 115	77123 SWDN-111 115	1	0.04967	104.2	159.0	OPEN 79801 [PANNELL3 345] TO 79800 [ROCH 345 345] CKT 2
							OPEN 79800 [ROCH 345 345] TO 79584 [NIAG 345 345] CKT 1
1901.1	77100 SOUR-114 115	77111 MORTIMER 115	1	0.05429	93.0	153.0	OPEN 79584 [NIAG 345 345] TO 79800 [ROCH 345 345] CKT 1
1906.1	76702 LOCKPORT 115	77101 SHEL-113 115	1	0.05316	121.0	180.0	OPEN 79584 [NIAG 345 345] TO 79800 [ROCH 345 345] CKT 1
1918.5	77100 SOUR-114 115	77111 MORTIMER 115	1	0.05375	92.7	153.0	OPEN 79801 [PANNELL3 345] TO 79800 [ROCH 345 345] CKT 2
							OPEN 79800 [ROCH 345 345] TO 79584 [NIAG 345 345] CKT 1
1923.5	76702 LOCKPORT 115	77101 SHEL-113 115	1	0.05262	120.7	180.0	OPEN 79801 [PANNELL3 345] TO 79800 [ROCH 345 345] CKT 2
							OPEN 79800 [ROCH 345 345] TO 79584 [NIAG 345 345] CKT 1
2030.5	79584 NIAG 345 345	79800 ROCH 345 345	1	0.59002	956.7	1685.0	OPEN 75404 [KINTI345 345] TO 79800 [ROCH 345 345] CKT 1
2031.4	77109 LAPPINS1 115	77116 NLEROYTA 115	1	0.05292	107.6	173.0	OPEN 79800 [ROCH 345 345] TO 79584 [NIAG 345 345] CKT 1
							OPEN 79800 [ROCH 345 345] TO 79819 [S80 1TR 115] CKT 1

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*** TLTG EXPORT LIMIT OUTPUT FOR BASE CASE ***

DISTRIBUTION FACTOR FILE: C:\NYISO\CRPP4\ms.dfx
SUBSYSTEM DESCRIPTION FILE: C:\NYISO\CRPP\sysms.sub
MONITORED ELEMENT FILE: C:\NYISO\CRPP\monms.mon
CONTINGENCY DESCRIPTION FILE: C:\NYISO\CRPP\contms.con

	PRE-SHIFT	DELTA	POST-SHIFT
STUDY SYSTEM MW GENERATION:	204.2	1000.0	1204.2
OPPOSING SYSTEM MW GENERATION:	2617.6	-1000.0	1617.6
STUDY SYSTEM NET INTERCHANGE:	203.6	1000.0	1203.6

STUDY SYSTEM					OPPOSING SYSTEM				
		GENERATOR MW					GENERATOR MW		
BUS	BUS NAME	BASE	SHIFT	CHANGE	BUS	BUS NAME	BASE	SHIFT	CHANGE
79513	MOS17-1813.8	90.2	590.2	500.0	74702	RAV 3 22.0	972.0	872.0	-100.0
79516	MOS21-2213.8	114.0	614.0	500.0	76641	DUNKGEN413.8	191.0	91.0	-100.0
					77051	HNTLY68G13.8	190.6	90.6	-100.0
					77951	9M PT 1G23.0	626.0	126.0	-500.0
					79538	POLETGT218.0	222.0	152.0	-70.0
					79539	POLETSTG18.0	194.0	124.0	-70.0
					79540	POLETGT118.0	222.0	162.0	-60.0

LOADINGS AT OR ABOVE 100.0 %
OF RATING ARE MARKED WITH '*'

FROM		TO		CKT	TOTAL TRANS CAPAB	BASE CASE RATING A	BASE CASE PRE-SHIFT MW	BASE CASE POST-SHIFT MW	LIMIT CASE MW	DISTR. FACTOR
79590	MOSES W 230	79517	MOS21-2413.8	6	265.1	258	-227.2	-727.2*	-258.0*	-0.50000
79589	MOSES E 230	79514	MOS17-2013.8	5	312.4	258	-203.6	-703.6*	-234.4	-0.50000
78009	BRNS FLS 115	78057	TAYLORVL 115	1	1978.5	102	40.4	75.1	42.5	0.03471
78460	PORTER 2 230	79586	ADRON B2 230	1	2027.4	321	-146.7	-242.3	-152.6	-0.09557
78009	BRNS FLS 115	78021	FLAT RCK 115	1	2040.1	102	-38.4	-73.0	-40.5	-0.03463
78460	PORTER 2 230	79585	ADRON B1 230	1	2054.7	321	-144.1	-239.7	-150.0	-0.09557
78009	BRNS FLS 115	78025	HIGLEY 115	1	2055.0	102	-37.6	-72.4	-39.7	-0.03479
78009	BRNS FLS 115	78057	TAYLORVL 115	2	2093.8	106	40.4	75.1	42.5	0.03471
79577	MARCY765 765	79583	MARCY T1 345	1	2159.8	1488	714.3	1109.8	738.6	0.39552
79586	ADRON B2 230	79590	MOSES W 230	1	2265.5	348	-151.0	-246.5	-156.8	-0.09557
79585	ADRON B1 230	79590	MOSES W 230	1	2265.5	348	-151.0	-246.5	-156.8	-0.09557
78014	COLTON 115	78021	FLAT RCK 115	1	2429.9	114	36.9	71.5	39.0	0.03463
79588	MASS230B 230	79589	MOSES E 230	1	2530.9	936	-75.5	-445.3	-98.3	-0.36973
79587	MASS230A 230	79589	MOSES E 230	1	2530.9	936	-75.5	-445.3	-98.3	-0.36973
79578	MASS 765 765	79588	MASS230B 230	1	2531.0	936	-75.5	-445.2	-98.2	-0.36973
79578	MASS 765 765	79587	MASS230A 230	1	2531.0	936	-75.5	-445.2	-98.2	-0.36973
78014	COLTON 115	78025	HIGLEY 115	1	2660.2	125	39.5	74.3	41.7	0.03479
79577	MARCY765 765	79583	MARCY T1 345	2	2718.3	1488	623.1	967.0	644.2	0.34395
78450	EDIC 345	79583	MARCY T1 345	1	3251.9	1677	-318.6	-764.2	-346.0	-0.44563
79577	MARCY765 765	79578	MASS 765 765	1	3756.1	3975	-1348.	-2088.	-1394.	-0.73947
	INTERFACE MOSES OPEN				3983.3	5358	1578.3	2578.3	1639.8	1.00003
	INTERFACE MOSESSOUTH				4012.4	5400	1591.4	2591.5	1653.0	1.00003

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*** TLTG TRANSFER LIMIT OUTPUT FOR INTERFACE MOSESSOUTH ***

<- INTERFACE 'MOSESSOUTH ' DEFINITION ->

<----- FROM ----->	<------ TO ------>	CKT	DISTR. FACTOR	PRE-SHIFT MW
79578 MASS 765 765	79577 MARCY765 765	1	0.73945	1348.0
79590 MOSES W 230	79585 ADRON B1 230	1	0.09557	151.0
79590 MOSES W 230	79586 ADRON B2 230	1	0.09557	151.0
78017 DENNISON 115	78002 ANDRWS-4 115	1	0.02156	-5.4
78017 DENNISON 115	78032 LWRNCE-B 115	1	0.02157	-4.2
78000 ALCOA-NM 115	78010 BRADY 115	1	0.01109	-23.6
78033 MALONE 115	78041 NICHOLVL 115	1	0.01521	-25.3
TOTALS FOR INTERFACE MOSESSOUTH			1.00000	1591.4

TOTAL TRANS CAPAB	<---------- LIMITING ELEMENT ----------> <----- FROM ----->	<------ TO ------>	CKT	DISTR. FACTOR	PRE-SHIFT MW	RATING BAS/CNT A/C	<---------- CONTINGENCY DESCRIPTION ---------->
1653.0	79590 MOSES W 230	79517 MOS21-2413.8	6	-0.49999	-227.2	258.0	BASE CASE
1700.2	79589 MOSES E 230	79514 MOS17-2013.8	5	-0.49999	-203.6	258.0	BASE CASE
1761.7	78009 BRNS FLS 115	78057 TAYLORVL 115	2	0.07871	120.6	134.0	OPEN 79578 [MASS 765 765] TO 79577 [MARCY765 765] CKT 1
1774.4	78009 BRNS FLS 115	78057 TAYLORVL 115	1	0.07871	120.6	135.0	OPEN 79578 [MASS 765 765] TO 79577 [MARCY765 765] CKT 1
1777.2	79586 ADRON B2 230	79590 MOSES W 230	1	-0.23062	-397.2	440.0	OPEN 79578 [MASS 765 765] TO 79577 [MARCY765 765] CKT 1
1777.2	79585 ADRON B1 230	79590 MOSES W 230	1	-0.23062	-397.2	440.0	OPEN 79578 [MASS 765 765] TO 79577 [MARCY765 765] CKT 1
1802.5	78009 BRNS FLS 115	78021 FLAT RCK 115	1	-0.07853	-118.4	135.0	OPEN 79578 [MASS 765 765] TO 79577 [MARCY765 765] CKT 1
1807.2	78009 BRNS FLS 115	78025 HIGLEY 115	1	-0.07889	-118.0	135.0	OPEN 79578 [MASS 765 765] TO 79577 [MARCY765 765] CKT 1
1834.6	78460 PORTER 2 230	79586 ADRON B2 230	1	-0.23062	-392.9	449.0	OPEN 79578 [MASS 765 765] TO 79577 [MARCY765 765] CKT 1
1846.0	78460 PORTER 2 230	79585 ADRON B1 230	1	-0.23062	-390.3	449.0	OPEN 79578 [MASS 765 765] TO 79577 [MARCY765 765] CKT 1
1865.9	78028 LOWVILLE 115	78057 TAYLORVL 115	1	-0.04221	-122.4	134.0	OPEN 79578 [MASS 765 765] TO 79577 [MARCY765 765] CKT 1
1910.7	78014 COLTON 115	78021 FLAT RCK 115	1	0.07853	116.9	142.0	OPEN 79578 [MASS 765 765] TO 79577 [MARCY765 765] CKT 1
1911.6	79602 PLAT T#3 115	79672 PLAT 115 115	3	-0.08611	-274.4	302.0	OPEN 79578 [MASS 765 765] TO 79577 [MARCY765 765] CKT 1
1911.8	79602 PLAT T#3 115	70511 GRAND IS 115	1	0.08610	274.4	302.0	OPEN 79578 [MASS 765 765] TO 79577 [MARCY765 765] CKT 1
2036.0	78014 COLTON 115	78025 HIGLEY 115	1	0.07889	119.9	155.0	OPEN 79578 [MASS 765 765] TO 79577 [MARCY765 765] CKT 1
2048.8	78008 BREMEN 115	78057 TAYLORVL 115	1	-0.04219	-114.7	134.0	OPEN 79578 [MASS 765 765] TO 79577 [MARCY765 765] CKT 1
2222.5	79577 MARCY765 765	79583 MARCY T1 345	1	0.70005	1212.2	1654.0	OPEN 79577 [MARCY765 765] TO 79583 [MARCY T1 345] CKT 2
							OPEN 78703 [N.SCOT99 345] TO 79583 [MARCY T1 345] CKT 1
2312.5	78028 LOWVILLE 115	78471 BOONVL 115	1	0.04221	103.6	134.0	OPEN 79578 [MASS 765 765] TO 79577 [MARCY765 765] CKT 1
2341.5	78011 BU+LY+MO 115	78471 BOONVL 115	1	0.04219	114.4	146.0	OPEN 79578 [MASS 765 765] TO 79577 [MARCY765 765] CKT 1
2442.2	79589 MOSES E 230	81255 STLAWL34 230	1	0.16650	304.4	446.0	OPEN 79578 [MASS 765 765] TO 79577 [MARCY765 765] CKT 1
2477.3	78008 BREMEN 115	78011 BU+LY+MO 115	1	0.04219	108.6	146.0	OPEN 79578 [MASS 765 765] TO 79577 [MARCY765 765] CKT 1
2528.8	78009 BRNS FLS 115	78057 TAYLORVL 115	2	0.07871	60.2	134.0	OPEN 79577 [MARCY765 765] TO 79578 [MASS 765 765] CKT 1
							OPEN 79578 [MASS 765 765] TO 84819 [CHA-NY 765] CKT 1
2541.5	78009 BRNS FLS 115	78057 TAYLORVL 115	1	0.07871	60.2	135.0	OPEN 79577 [MARCY765 765] TO 79578 [MASS 765 765] CKT 1
							OPEN 79578 [MASS 765 765] TO 84819 [CHA-NY 765] CKT 1
2563.8	79586 ADRON B2 230	79590 MOSES W 230	1	-0.23062	-215.8	440.0	OPEN 79577 [MARCY765 765] TO 79578 [MASS 765 765] CKT 1
							OPEN 79578 [MASS 765 765] TO 84819 [CHA-NY 765] CKT 1
2563.8	79585 ADRON B1 230	79590 MOSES W 230	1	-0.23062	-215.8	440.0	OPEN 79577 [MARCY765 765] TO 79578 [MASS 765 765] CKT 1
							OPEN 79578 [MASS 765 765] TO 84819 [CHA-NY 765] CKT 1
2569.7	78009 BRNS FLS 115	78021 FLAT RCK 115	1	-0.07853	-58.2	135.0	OPEN 79577 [MARCY765 765] TO 79578 [MASS 765 765] CKT 1
							OPEN 79578 [MASS 765 765] TO 84819 [CHA-NY 765] CKT 1
2574.3	78009 BRNS FLS 115	78025 HIGLEY 115	1	-0.07889	-57.5	135.0	OPEN 79577 [MARCY765 765] TO 79578 [MASS 765 765] CKT 1
							OPEN 79578 [MASS 765 765] TO 84819 [CHA-NY 765] CKT 1
2621.2	78460 PORTER 2 230	79586 ADRON B2 230	1	-0.23062	-211.5	449.0	OPEN 79577 [MARCY765 765] TO 79578 [MASS 765 765] CKT 1
							OPEN 79578 [MASS 765 765] TO 84819 [CHA-NY 765] CKT 1

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*** TLTG EXPORT LIMIT OUTPUT FOR BASE CASE ***

DISTRIBUTION FACTOR FILE: C:\NYISO\CRPP4\te.dfx
SUBSYSTEM DESCRIPTION FILE: C:\NYISO\CRPP\syste.sub
MONITORED ELEMENT FILE: C:\NYISO\CRPP\monte.mon
CONTINGENCY DESCRIPTION FILE: C:\NYISO\CRPP\contte1.con

	PRE-SHIFT	DELTA	POST-SHIFT
STUDY SYSTEM MW GENERATION:	1833.5	1000.0	2833.5
OPPOSING SYSTEM MW GENERATION:	3838.7	-1000.0	2838.7
STUDY SYSTEM NET INTERCHANGE:	1787.3	1000.0	2787.3

STUDY SYSTEM					OPPOSING SYSTEM				
		GENERATOR MW					GENERATOR MW		
BUS	BUS NAME	BASE	SHIFT	CHANGE	BUS	BUS NAME	BASE	SHIFT	CHANGE
76641	DUNKGEN413.8	191.0	241.0	50.0	74302	ER G7	13.2	166.0	26.0	-140.0
77051	HNTLY68G13.8	190.6	240.6	50.0	74702	RAV 3	22.0	972.0	692.0	-280.0
77951	9M PT 1G23.0	626.0	1126.0	500.0	74705	AST 4	20.0	729.7	629.7	-100.0
79515	MOS19-2013.8	114.0	214.0	100.0	74706	AST 5	20.0	361.0	241.0	-120.0
80900	LAKEVWG518.0	211.9	361.9	150.0	74906	NRTPTG1	22.0	380.0	310.0	-70.0
81765	NANTICG622.0	500.0	650.0	150.0	79390	BOW2	20.0	592.0	492.0	-100.0
					79538	POLETGT2	18.0	222.0	162.0	-60.0
					79539	POLETSTG1	8.0	194.0	134.0	-60.0
					79540	POLETGT1	18.0	222.0	152.0	-70.0

LOADINGS AT OR ABOVE 100.0 %
OF RATING ARE MARKED WITH '*'

<----- FROM ----->	<------ TO ------>	CKT	BASE CASE TOTAL TRANS CAPAB	BASE CASE RATING A	BASE CASE PRE-SHIFT MW	BASE CASE POST-SHIFT MW	BASE CASE LIMIT CASE MW	DISTR. FACTOR
74344 PLTVLLEY 345	78701 LEEDS 3 345	2	2461.2	1331	-1195.	-1397.*	-1331.*	-0.20205
INTERFACE CENTRAL EAST			2573.0	3100	2711.3	3206.0*	3044.7	0.49467
74344 PLTVLLEY 345	78705 ATHENS 345	1	2706.0	1331	-1154.	-1347.*	-1284.	-0.19227
INTERFACE TOTAL EAST			2810.7	6500	5476.7	6476.6	6150.5	0.99991
75400 COOPC345 345	75403 FRASR345 345	1	3066.6	1207	-958.1	-1153.	-1089.	-0.19460
74002 ROSETON 345	74331 FISHKILL 345	1	3707.5	1935	1577.3	1763.6	1702.8	0.18629
78450 EDIC 345	78702 N.SCOT77 345	1	4015.6	1331	908.2	1097.9	1036.1	0.18974
78703 N.SCOT99 345	79583 MARCY T1 345	1	4102.1	1487	-1013.	-1218.	-1151.	-0.20482
78450 EDIC 345	77400 CLAY 345	2	4408.6	1033	-613.6	-773.6	-721.4	-0.16002
78450 EDIC 345	77400 CLAY 345	1	4429.6	1033	-611.6	-771.1	-719.1	-0.15948
78701 LEEDS 3 345	78702 N.SCOT77 345	1	4516.0	1331	-814.9	-1004.	-942.4	-0.18914
78701 LEEDS 3 345	78703 N.SCOT99 345	2	4552.6	1331	-811.1	-999.1	-937.8	-0.18800
75403 FRASR345 345	75405 OAKDL345 345	1	4636.8	1255	-673.0	-877.2	-810.6	-0.20426
74001 ROCK TAV 345	74347 RAMAPO 345	1	4881.9	1720	979.9	1219.1	1141.1	0.23916
79304 N.M.TAP 345	79322 SHOEMTAP 138	1	5188.0	498	384.0	417.5	406.6	0.03353
78460 PORTER 2 230	78980 ROTRDM.2 230	2	5441.5	439	269.5	315.9	300.8	0.04638
75400 COOPC345 345	79304 N.M.TAP 345	1	5466.5	1464	823.8	997.8	941.1	0.17400
INTERFACE CENT E+FGILB			5533.2	5600	3132.9	3791.5	3576.7	0.65862
78701 LEEDS 3 345	79581 GILB 345 345	1	5538.8	1428	-869.0	-1018.	-969.4	-0.14901
INTERFACE CE GROUP			5639.3	8438	4586.5	5586.4	5260.3	0.99991

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*** TLTG TRANSFER LIMIT OUTPUT FOR INTERFACE VOLNEY EAST ***

<- INTERFACE 'VOLNEY EAST ' DEFINITION ->

<----- FROM ----->	<------ TO ------>	CKT	DISTR. FACTOR	PRE-SHIFT MW
75405 OAKDL345 345	75403 FRASR345 345	1	0.22697	673.0
75469 KATEL115 115	75467 JENN 115 115	1	0.01085	69.0
75488 OAKDL115 115	75444 DELHI115 115	1	0.01371	45.3
75513 WILET115 115	75446 E.NOR115 115	1	0.01212	64.4
77400 CLAY 345	78450 EDIC 345	1	0.17722	611.6
77400 CLAY 345	78450 EDIC 345	2	0.17781	613.6
77406 VOLNEY 345	79583 MARCY T1 345	1	0.17393	747.6
77426 BRDGPORT 115	78484 PETRBORO 115	1	0.01262	38.5
77466 LTHSE HL 115	78005 BLACK RV 115	1	0.00494	-7.0
77466 LTHSE HL 115	78018 E WTRTWN 115	1	0.00493	-3.5
77494 TEALL 115	78483 ONEIDA 115	1	0.01268	37.2
77500 WHITMAN 115	78483 ONEIDA 115	1	0.00745	-12.6
77779 OMEGAWIR34.5	78610 CAMDEN 34.5	1	0.00000	-2.8
79580 JA FITZP 345	78450 EDIC 345	1	0.16476	746.5
TOTALS FOR INTERFACE VOLNEY EAST			1.00000	3620.6

TOTAL TRANS CAPAB	<---------- LIMITING ELEMENT ----------> <----- FROM ----->	<------ TO ------>	CKT	DISTR. FACTOR	PRE-SHIFT MW	RATING BAS/CNT A/C	<--------------- CONTINGENCY DESCRIPTION --------------->
2522.4	79303 SMAHWAH2 345	5028 WALDWICK 345	1	0.03109	623.1	589.0	OPEN 74340 [LADENTWN 345] TO 74313 [BUCH S 345] CKT 1
							OPEN 74347 [RAMAPO 345] TO 74312 [BUCH N 345] CKT 1
							OPEN 74410 [BUCHNTA5 138] TO 74312 [BUCH N 345] CKT 1
2977.8	INTERFACE CENTRAL EAST			0.73040	3569.5	3100.0	OPEN 78450 [EDIC 345] TO 75403 [FRASR345 345] CKT 1
							OPEN 79583 [MARCY T1 345] TO 75400 [COOPC345 345] CKT 1
3236.3	INTERFACE CENTRAL EAST			0.69932	3368.8	3100.0	OPEN 79583 [MARCY T1 345] TO 75400 [COOPC345 345] CKT 1
							OPEN 75403 [FRASR345 345] TO 75400 [COOPC345 345] CKT 1
3296.9	INTERFACE TOTAL EAST			1.11111	6859.7	6500.0	SET BUS 71786 [SANDY PD 345] LOAD TO 0 MW DISPATCH
3296.9	INTERFACE TOTAL EAST			1.11111	6859.7	6500.0	OPEN 70509 [SB RCTOR 115] TO 70508 [SANDB115 115] CKT 2
							SET BUS 71786 [SANDY PD 345] LOAD TO 0 MW DISPATCH
3377.6	INTERFACE CENTRAL EAST			0.67664	3264.4	3100.0	OPEN 75400 [COOPC345 345] TO 74001 [ROCK TAV 345] CKT 2
							OPEN 75400 [COOPC345 345] TO 79304 [N.M.TAP 345] CKT 1
							OPEN 79304 [N.M.TAP 345] TO 74001 [ROCK TAV 345] CKT 1
3458.9	INTERFACE CENTRAL EAST			0.54968	3188.9	3100.0	SET BUS 71786 [SANDY PD 345] LOAD TO 0 MW DISPATCH
3458.9 *	INTERFACE CENTRAL EAST			0.54968	3188.9	3100.0	OPEN 70509 [SB RCTOR 115] TO 70508 [SANDB115 115] CKT 2
							SET BUS 71786 [SANDY PD 345] LOAD TO 0 MW DISPATCH
3467.0	INTERFACE TOTAL EAST			1.11111	6670.7	6500.0	OPEN 70509 [SB RCTOR 115] TO 70508 [SANDB115 115] CKT 2
							REMOVE MACHINE 1 FROM BUS 72869 [SBRK G1 25.0] DISPATCH
3467.0	INTERFACE TOTAL EAST			1.11111	6670.7	6500.0	REMOVE MACHINE 1 FROM BUS 72869 [SBRK G1 25.0] DISPATCH
3496.1 *	INTERFACE TOTAL EAST			1.11111	6638.3	6500.0	REMOVE MACHINE 3 FROM BUS 73563 [MILL#3 24.0] DISPATCH
3668.3	74344 PLTVLLEY 345	78701 LEEDS 3	345 2	-0.31964	-1708.8	1724.0	OPEN 78705 [ATHENS 345] TO 74344 [PLTVLLEY 345] CKT 1
3788.8	74344 PLTVLLEY 345	78705 ATHENS	345 1	-0.31087	-1671.7	1724.0	OPEN 78701 [LEEDS 3 345] TO 74344 [PLTVLLEY 345] CKT 2
3831.3	74344 PLTVLLEY 345	78701 LEEDS 3	345 2	-0.30648	-1659.4	1724.0	OPEN 78705 [ATHENS 345] TO 74344 [PLTVLLEY 345] CKT 1
							OPEN 74344 [PLTVLLEY 345] TO 74341 [MILLWOOD 345] CKT 1
3836.5	74344 PLTVLLEY 345	78701 LEEDS 3	345 2	-0.30681	-1657.8	1724.0	OPEN 78705 [ATHENS 345] TO 74344 [PLTVLLEY 345] CKT 1
							OPEN 74344 [PLTVLLEY 345] TO 74356 [WOOD B 345] CKT 1
3961.1	74344 PLTVLLEY 345	78705 ATHENS	345 1	-0.29846	-1622.4	1724.0	OPEN 78701 [LEEDS 3 345] TO 74344 [PLTVLLEY 345] CKT 2
							OPEN 74344 [PLTVLLEY 345] TO 74356 [WOOD B 345] CKT 1

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*** TLTG TRANSFER LIMIT OUTPUT FOR INTERFACE VOLNEY EAST ***

TOTAL TRANS CAPAB	LIMITING ELEMENT FROM	LIMITING ELEMENT TO	CKT	DISTR. FACTOR	PRE-SHIFT MW	RATING BAS/CNT A/C	CONTINGENCY DESCRIPTION
4059.1	74344 PLTVLLEY 345	78705 ATHENS 345	1	-0.29048	-1596.6	1724.0	OPEN 78701 [LEEDS 3 345] TO 74344 [PLTVLLEY 345] CKT 2
							OPEN 78702 [N.SCOT77 345] TO 78701 [LEEDS 3 345] CKT 1
4227.1	74344 PLTVLLEY 345	78701 LEEDS 3 345	2	-0.22452	-1194.8	1331.0	BASE CASE
4278.0	*74344 PLTVLLEY 345	78701 LEEDS 3 345	2	-0.29987	-1526.9	1724.0	OPEN 79583 [MARCY T1 345] TO 75400 [COOPC345 345] CKT 1
							OPEN 75403 [FRASR345 345] TO 75400 [COOPC345 345] CKT 1
4447.4	74344 PLTVLLEY 345	78705 ATHENS 345	1	-0.21366	-1154.4	1331.0	BASE CASE
4509.5	*74344 PLTVLLEY 345	78705 ATHENS 345	1	-0.28536	-1470.3	1724.0	OPEN 79583 [MARCY T1 345] TO 75400 [COOPC345 345] CKT 1
							OPEN 75403 [FRASR345 345] TO 75400 [COOPC345 345] CKT 1
4611.8	79304 N.M.TAP 345	79322 SHOEMTAP 138	1	0.07774	589.9	667.0	OPEN 74001 [ROCK TAV 345] TO 74347 [RAMAPO 345] CKT 1
							OPEN 74001 [ROCK TAV 345] TO 74046 [ROCK TV1 115] CKT 1
							OPEN 74046 [ROCK TV1 115] TO 74018 [SUGARLF 115] CKT 1
4771.8	75400 COOPC345 345	75403 FRASR345 345	1	-0.21624	-958.1	1207.0	BASE CASE
4780.4	75403 FRASR345 345	75405 OAKDL345 345	1	-0.30057	-1031.4	1380.0	OPEN 78450 [EDIC 345] TO 75403 [FRASR345 345] CKT 1
							OPEN 79583 [MARCY T1 345] TO 75400 [COOPC345 345] CKT 1
4910.9	79303 SMAHWAH2 345	5028 WALDWICK 345	1	0.04082	536.3	589.0	OPEN 74347 [RAMAPO 345] TO 74340 [LADENTWN 345] CKT 1
							OPEN 74347 [RAMAPO 345] TO 74312 [BUCH N 345] CKT 1
							OPEN 74410 [BUCHNTA5 138] TO 74312 [BUCH N 345] CKT 1
4923.8	78703 N.SCOT99 345	79583 MARCY T1 345	1	-0.30737	-1391.5	1792.0	OPEN 78702 [N.SCOT77 345] TO 78450 [EDIC 345] CKT 1
							OPEN 78450 [EDIC 345] TO 78460 [PORTER 2 230] CKT 1
							OPEN 78450 [EDIC 345] TO 78485 [PORTER 1 115] CKT 1
4992.6	78701 LEEDS 3 345	78703 N.SCOT99 345	2	-0.32822	-1273.7	1724.0	OPEN 78701 [LEEDS 3 345] TO 78702 [N.SCOT77 345] CKT 1
5024.8	78703 N.SCOT99 345	79583 MARCY T1 345	1	-0.30231	-1367.5	1792.0	OPEN 78450 [EDIC 345] TO 75403 [FRASR345 345] CKT 1
							OPEN 79583 [MARCY T1 345] TO 75400 [COOPC345 345] CKT 1
5068.1	79586 ADRON B2 230	79590 MOSES W 230	1	-0.02960	-397.2	440.0	OPEN 79578 [MASS 765 765] TO 79577 [MARCY765 765] CKT 1
5068.2	79585 ADRON B1 230	79590 MOSES W 230	1	-0.02960	-397.2	440.0	OPEN 79578 [MASS 765 765] TO 79577 [MARCY765 765] CKT 1
5076.6	75400 COOPC345 345	75403 FRASR345 345	1	-0.28968	-1281.2	1703.0	OPEN 78460 [PORTER 2 230] TO 78980 [ROTRDM.2 230] CKT 1
							OPEN 79583 [MARCY T1 345] TO 75400 [COOPC345 345] CKT 1
5096.1	75403 FRASR345 345	79581 GILB 345 345	1	0.32479	1044.8	1524.0	OPEN 75400 [COOPC345 345] TO 74001 [ROCK TAV 345] CKT 2
							OPEN 75400 [COOPC345 345] TO 79304 [N.M.TAP 345] CKT 1
							OPEN 79304 [N.M.TAP 345] TO 74001 [ROCK TAV 345] CKT 1
5137.1	75400 COOPC345 345	75403 FRASR345 345	1	-0.28705	-1267.7	1703.0	OPEN 79583 [MARCY T1 345] TO 75400 [COOPC345 345] CKT 1
5139.7	75403 FRASR345 345	79581 GILB 345 345	1	0.32124	1036.0	1524.0	OPEN 79583 [MARCY T1 345] TO 75400 [COOPC345 345] CKT 1
							OPEN 75403 [FRASR345 345] TO 75400 [COOPC345 345] CKT 1
5139.9	75400 COOPC345 345	75403 FRASR345 345	1	-0.28699	-1267.0	1703.0	OPEN 79590 [MOSES W 230] TO 79585 [ADRON B1 230] CKT 1
							OPEN 79583 [MARCY T1 345] TO 75400 [COOPC345 345] CKT 1
5148.7	*75400 COOPC345 345	75403 FRASR345 345	1	-0.28688	-1264.6	1703.0	OPEN 79577 [MARCY765 765] TO 79583 [MARCY T1 345] CKT 1
							OPEN 79583 [MARCY T1 345] TO 75400 [COOPC345 345] CKT 1
5159.9	78703 N.SCOT99 345	79583 MARCY T1 345	1	-0.30093	-1328.8	1792.0	OPEN 78450 [EDIC 345] TO 78702 [N.SCOT77 345] CKT 1
5263.6	75400 COOPC345 345	79583 MARCY T1 345	1	-0.22372	-977.4	1345.0	OPEN 75403 [FRASR345 345] TO 75400 [COOPC345 345] CKT 1
							OPEN 75405 [OAKDL345 345] TO 75403 [FRASR345 345] CKT 1
5266.1	78703 N.SCOT99 345	79583 MARCY T1 345	1	-0.29576	-1305.3	1792.0	OPEN 79580 [JA FITZP 345] TO 78450 [EDIC 345] CKT 1
							OPEN 78702 [N.SCOT77 345] TO 78450 [EDIC 345] CKT 1
5283.6	75400 COOPC345 345	79304 N.M.TAP 345	1	0.30791	1281.0	1793.0	OPEN 74001 [ROCK TAV 345] TO 75400 [COOPC345 345] CKT 2
							OPEN 75400 [COOPC345 345] TO 75440 [COOPC115 115] CKT 1
5295.0	75400 COOPC345 345	79304 N.M.TAP 345	1	0.30768	1277.8	1793.0	OPEN 75400 [COOPC345 345] TO 74001 [ROCK TAV 345] CKT 2
5297.8	75403 FRASR345 345	75405 OAKDL345 345	1	-0.27738	-914.8	1380.0	OPEN 77400 [CLAY 345] TO 78450 [EDIC 345] CKT 2
							OPEN 78450 [EDIC 345] TO 75403 [FRASR345 345] CKT 1

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*** TLTG TRANSFER LIMIT OUTPUT FOR INTERFACE TOTAL EAST ***

<- INTERFACE 'TOTAL EAST ' DEFINITION ->

<----- FROM ----->	<------ TO ------>	CKT	DISTR. FACTOR	PRE-SHIFT MW
75512 W.WDB115 115	76210 W.WDBR6969.0	1	0.00483	30.3
75403 FRASR345 345	79581 GILB 345 345	1	0.16397	421.6
75400 COOPC345 345	74001 ROCK TAV 345	2	0.16248	716.9
75400 COOPC345 345	79304 N.M.TAP 345	1	0.17401	823.8
2 BRANCHBG 500	74300 RAMAPO 5 500	1	0.00000	439.6
4989 HUDSON1 345	74328 FARRGUT1 345	1	0.00000	433.0
5039 HUDSON2 345	74329 FARRGUT2 345	1	0.00000	451.8
4996 LINDEN 230	74371 GOETHALS 230	1	0.00000	266.2
5028 WALDWICK 345	79302 SMAHWAH1 345	1	-0.00242	-425.2
5028 WALDWICK 345	79303 SMAHWAH2 345	1	0.00242	-563.8
79314 HCOR138 138	79311 BURNS138 138	1	-0.00048	-104.1
79320 SMAH138 138	79302 SMAHWAH1 345	1	0.00734	-209.2
79320 SMAH138 138	79319 RAMP138 138	1	-0.00437	-89.8
79334 CLOSTR6969.0	79357 SPARKILL69.0	1	0.00066	-6.5
79338 HCOR69 69.0	79362 WNYA69 69.0	1	0.00172	-10.7
79346 MONTVALE69.0	79327 BLUHILL 69.0	1	0.00000	6.7
79346 MONTVALE69.0	79327 BLUHILL 69.0	2	0.00000	6.7
79346 MONTVALE69.0	79400 L491T 69.0	1	0.00046	-35.3
79356 SMAH69 69.0	79340 HILB69 69.0	1	-0.00523	-45.7
79370 HCOR34 34.5	79376 PEARL34 34.5	1	-0.00010	2.9
75447 E.SPR115 115	79136 INGHAM-E 115	1	0.00861	20.9
78450 EDIC 345	78702 N.SCOT77 345	1	0.18975	908.2
78460 PORTER 2 230	78980 ROTRDM.2 230	1	0.04514	262.5
78460 PORTER 2 230	78980 ROTRDM.2 230	2	0.04638	269.5
78478 INGMS-CD 115	79136 INGHAM-E 115	1	0.00000	119.8
79583 MARCY T1 345	78703 N.SCOT99 345	1	0.20484	1012.9
79602 PLAT T#3 115	70511 GRAND IS 115	1	0.00000	117.4
74959 NEPTCONV 345	74958 NWBRG 345	1	0.00000	656.3
TOTALS FOR INTERFACE TOTAL EAST			1.00000	5476.7

TOTAL TRANS CAPAB	<---------- LIMITING ELEMENT ----------> <----- FROM ----->	<------ TO ------>	CKT	DISTR. FACTOR	PRE-SHIFT MW	RATING BAS/CNT A/C	<---------- CONTINGENCY DESCRIPTION ---------->
4256.4	79303 SMAHWAH2 345	5028 WALDWICK 345	1	0.02798	623.1	589.0	OPEN 74340 [LADENTWN 345] TO 74313 [BUCH S 345] CKT 1
							OPEN 74347 [RAMAPO 345] TO 74312 [BUCH N 345] CKT 1
							OPEN 74410 [BUCHNTA5 138] TO 74312 [BUCH N 345] CKT 1
4762.4	INTERFACE CENTRAL EAST			0.65736	3569.5	3100.0	OPEN 78450 [EDIC 345] TO 75403 [FRASR345 345] CKT 1
							OPEN 79583 [MARCY T1 345] TO 75400 [COOPC345 345] CKT 1
5049.7	INTERFACE CENTRAL EAST			0.62939	3368.8	3100.0	OPEN 79583 [MARCY T1 345] TO 75400 [COOPC345 345] CKT 1
							OPEN 75403 [FRASR345 345] TO 75400 [COOPC345 345] CKT 1
5117.0	INTERFACE TOTAL EAST			1.00000	6859.7	6500.0	SET BUS 71786 [SANDY PD 345] LOAD TO 0 MW DISPATCH
5117.0	INTERFACE TOTAL EAST			1.00000	6859.7	6500.0	OPEN 70509 [SB RCTOR 115] TO 70508 [SANDB115 115] CKT 2
							SET BUS 71786 [SANDY PD 345] LOAD TO 0 MW DISPATCH
5206.7	INTERFACE CENTRAL EAST			0.60898	3264.4	3100.0	OPEN 75400 [COOPC345 345] TO 74001 [ROCK TAV 345] CKT 2
							OPEN 75400 [COOPC345 345] TO 79304 [N.M.TAP 345] CKT 1
							OPEN 79304 [N.M.TAP 345] TO 74001 [ROCK TAV 345] CKT 1
5296.9	INTERFACE CENTRAL EAST			0.49472	3188.9	3100.0	SET BUS 71786 [SANDY PD 345] LOAD TO 0 MW DISPATCH

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*** TLTG TRANSFER LIMIT OUTPUT FOR INTERFACE TOTAL EAST ***

TOTAL TRANS CAPAB		LIMITING ELEMENT FROM				TO			CKT	DISTR. FACTOR	PRE-SHIFT MW	RATING BAS/CNT A/C	CONTINGENCY DESCRIPTION
5296.9	*	INTERFACE CENTRAL EAST								0.49472	3188.9	3100.0	OPEN 70509 [SB RCTOR 115] TO 70508 [SANDB115 115] CKT 2 SET BUS 71786 [SANDY PD 345] LOAD TO 0 MW DISPATCH
5306.0		INTERFACE TOTAL EAST								1.00000	6670.7	6500.0	OPEN 70509 [SB RCTOR 115] TO 70508 [SANDB115 115] CKT 2 REMOVE MACHINE 1 FROM BUS 72869 [SBRK G1 25.0] DISPATCH
5306.0		INTERFACE TOTAL EAST								1.00000	6670.7	6500.0	REMOVE MACHINE 1 FROM BUS 72869 [SBRK G1 25.0] DISPATCH
5338.4	*	INTERFACE TOTAL EAST								1.00000	6638.3	6500.0	REMOVE MACHINE 3 FROM BUS 73563 [MILL#3 24.0] DISPATCH
5529.7		74344	PLTVLLEY	345	78701	LEEDS 3	345	2		-0.28767	-1708.8	1724.0	OPEN 78705 [ATHENS 345] TO 74344 [PLTVLLEY 345] CKT 1
5663.6		74344	PLTVLLEY	345	78705	ATHENS	345	1		-0.27978	-1671.7	1724.0	OPEN 78701 [LEEDS 3 345] TO 74344 [PLTVLLEY 345] CKT 2
5710.7		74344	PLTVLLEY	345	78701	LEEDS 3	345	2		-0.27583	-1659.4	1724.0	OPEN 78705 [ATHENS 345] TO 74344 [PLTVLLEY 345] CKT 1
													OPEN 74344 [PLTVLLEY 345] TO 74341 [MILLWOOD 345] CKT 1
5716.5		74344	PLTVLLEY	345	78701	LEEDS 3	345	2		-0.27613	-1657.8	1724.0	OPEN 78705 [ATHENS 345] TO 74344 [PLTVLLEY 345] CKT 1
													OPEN 74344 [PLTVLLEY 345] TO 74356 [WOOD B 345] CKT 1
5855.0		74344	PLTVLLEY	345	78705	ATHENS	345	1		-0.26861	-1622.4	1724.0	OPEN 78701 [LEEDS 3 345] TO 74344 [PLTVLLEY 345] CKT 2
													OPEN 74344 [PLTVLLEY 345] TO 74356 [WOOD B 345] CKT 1
5963.9		74344	PLTVLLEY	345	78705	ATHENS	345	1		-0.26143	-1596.6	1724.0	OPEN 78701 [LEEDS 3 345] TO 74344 [PLTVLLEY 345] CKT 2
													OPEN 78702 [N.SCOT77 345] TO 78701 [LEEDS 3 345] CKT 1
6150.5		74344	PLTVLLEY	345	78701	LEEDS 3	345	2		-0.20206	-1194.8	1331.0	BASE CASE
6207.1	*	74344	PLTVLLEY	345	78701	LEEDS 3	345	2		-0.26988	-1526.9	1724.0	OPEN 79583 [MARCY T1 345] TO 75400 [COOPC345 345] CKT 1
													OPEN 75403 [FRASR345 345] TO 75400 [COOPC345 345] CKT 1
6395.3		74344	PLTVLLEY	345	78705	ATHENS	345	1		-0.19229	-1154.4	1331.0	BASE CASE
6464.4	*	74344	PLTVLLEY	345	78705	ATHENS	345	1		-0.25683	-1470.3	1724.0	OPEN 79583 [MARCY T1 345] TO 75400 [COOPC345 345] CKT 1
													OPEN 75403 [FRASR345 345] TO 75400 [COOPC345 345] CKT 1
6578.0		79304	N.M.TAP	345	79322	SHOEMTAP	138	1		0.06997	589.9	667.0	OPEN 74001 [ROCK TAV 345] TO 74347 [RAMAPO 345] CKT 1
													OPEN 74001 [ROCK TAV 345] TO 74046 [ROCK TV1 115] CKT 1
													OPEN 74046 [ROCK TV1 115] TO 74018 [SUGARLF 115] CKT 1
6755.8		75400	COOPC345	345	75403	FRASR345	345	1		-0.19461	-958.1	1207.0	BASE CASE
6765.4		75403	FRASR345	345	75405	OAKDL345	345	1		-0.27051	-1031.4	1380.0	OPEN 78450 [EDIC 345] TO 75403 [FRASR345 345] CKT 1
													OPEN 79583 [MARCY T1 345] TO 75400 [COOPC345 345] CKT 1
6910.3		79303	SMAHWAH2	345	5028	WALDWICK	345	1		0.03674	536.3	589.0	OPEN 74347 [RAMAPO 345] TO 74340 [LADENTWN 345] CKT 1
													OPEN 74347 [RAMAPO 345] TO 74312 [BUCH N 345] CKT 1
													OPEN 74410 [BUCHNTA5 138] TO 74312 [BUCH N 345] CKT 1
6924.6		78703	N.SCOT99	345	79583	MARCY T1	345	1		-0.27663	-1391.5	1792.0	OPEN 78702 [N.SCOT77 345] TO 78450 [EDIC 345] CKT 1
													OPEN 78450 [EDIC 345] TO 78460 [PORTER 2 230] CKT 1
													OPEN 78450 [EDIC 345] TO 78485 [PORTER 1 115] CKT 1
7001.1		78701	LEEDS 3	345	78703	N.SCOT99	345	2		-0.29540	-1273.7	1724.0	OPEN 78701 [LEEDS 3 345] TO 78702 [N.SCOT77 345] CKT 1
7036.9		78703	N.SCOT99	345	79583	MARCY T1	345	1		-0.27208	-1367.5	1792.0	OPEN 78450 [EDIC 345] TO 75403 [FRASR345 345] CKT 1
													OPEN 79583 [MARCY T1 345] TO 75400 [COOPC345 345] CKT 1
7085.1		79586	ADRON B2	230	79590	MOSES W	230	1		-0.02664	-397.2	440.0	OPEN 79578 [MASS 765 765] TO 79577 [MARCY765 765] CKT 1
7085.1		79585	ADRON B1	230	79590	MOSES W	230	1		-0.02664	-397.2	440.0	OPEN 79578 [MASS 765 765] TO 79577 [MARCY765 765] CKT 1
7094.4		75400	COOPC345	345	75403	FRASR345	345	1		-0.26072	-1281.2	1703.0	OPEN 78460 [PORTER 2 230] TO 78980 [ROTRDM.2 230] CKT 1
													OPEN 79583 [MARCY T1 345] TO 75400 [COOPC345 345] CKT 1
7116.1		75403	FRASR345	345	79581	GILB 345	345	1		0.29231	1044.8	1524.0	OPEN 75400 [COOPC345 345] TO 74001 [ROCK TAV 345] CKT 2
													OPEN 75400 [COOPC345 345] TO 79304 [N.M.TAP 345] CKT 1
													OPEN 79304 [N.M.TAP 345] TO 74001 [ROCK TAV 345] CKT 1
7161.7		75400	COOPC345	345	75403	FRASR345	345	1		-0.25835	-1267.7	1703.0	OPEN 79583 [MARCY T1 345] TO 75400 [COOPC345 345] CKT 1
7164.5		75403	FRASR345	345	79581	GILB 345	345	1		0.28911	1036.0	1524.0	OPEN 79583 [MARCY T1 345] TO 75400 [COOPC345 345] CKT 1
													OPEN 75403 [FRASR345 345] TO 75400 [COOPC345 345] CKT 1

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*** TLTG TRANSFER LIMIT OUTPUT FOR INTERFACE CENTRAL EAST ***

<- INTERFACE 'CENTRAL EAST' DEFINITION ->

<----- FROM ----->	<------ TO ------>	CKT	DISTR. FACTOR	PRE-SHIFT MW
75447 E.SPR115 115	79136 INGHAM-E 115	1	0.01740	20.9
78450 EDIC 345	78702 N.SCOT77 345	1	0.38356	908.2
78460 PORTER 2 230	78980 ROTRDM.2 230	1	0.09124	262.5
78460 PORTER 2 230	78980 ROTRDM.2 230	2	0.09375	269.5
78478 INGMS-CD 115	79136 INGHAM-E 115	1	0.00000	119.8
79583 MARCY T1 345	78703 N.SCOT99 345	1	0.41405	1012.9
79602 PLAT T#3 115	70511 GRAND IS 115	1	0.00000	117.4
TOTALS FOR INTERFACE CENTRAL EAST			1.00000	2711.3

TOTAL TRANS CAPAB	<---------- LIMITING ELEMENT ----------> <----- FROM ----->	<------ TO ------>	CKT	DISTR. FACTOR	PRE-SHIFT MW	RATING BAS/CNT A/C	<---------- CONTINGENCY DESCRIPTION ---------->
2107.6	79303 SMAHWAH2 345	5028 WALDWICK 345	1	0.05656	623.1	589.0	OPEN 74340 [LADENTWN 345] TO 74313 [BUCH S 345] CKT 1
							OPEN 74347 [RAMAPO 345] TO 74312 [BUCH N 345] CKT 1
							OPEN 74410 [BUCHNTA5 138] TO 74312 [BUCH N 345] CKT 1
2357.9	INTERFACE CENTRAL EAST			1.32877	3569.5	3100.0	OPEN 78450 [EDIC 345] TO 75403 [FRASR345 345] CKT 1
							OPEN 79583 [MARCY T1 345] TO 75400 [COOPC345 345] CKT 1
2500.1	INTERFACE CENTRAL EAST			1.27222	3368.8	3100.0	OPEN 79583 [MARCY T1 345] TO 75400 [COOPC345 345] CKT 1
							OPEN 75403 [FRASR345 345] TO 75400 [COOPC345 345] CKT 1
2533.4	INTERFACE TOTAL EAST			2.02136	6859.7	6500.0	SET BUS 71786 [SANDY PD 345] LOAD TO 0 MW DISPATCH
2533.4	INTERFACE TOTAL EAST			2.02136	6859.7	6500.0	OPEN 70509 [SB RCTOR 115] TO 70508 [SANDB115 115] CKT 2
							SET BUS 71786 [SANDY PD 345] LOAD TO 0 MW DISPATCH
2577.8	INTERFACE CENTRAL EAST			1.23096	3264.4	3100.0	OPEN 75400 [COOPC345 345] TO 74001 [ROCK TAV 345] CKT 2
							OPEN 75400 [COOPC345 345] TO 79304 [N.M.TAP 345] CKT 1
							OPEN 79304 [N.M.TAP 345] TO 74001 [ROCK TAV 345] CKT 1
2622.4	INTERFACE CENTRAL EAST			1.00000	3188.9	3100.0	SET BUS 71786 [SANDY PD 345] LOAD TO 0 MW DISPATCH
2622.4 *	INTERFACE CENTRAL EAST			1.00000	3188.9	3100.0	OPEN 70509 [SB RCTOR 115] TO 70508 [SANDB115 115] CKT 2
							SET BUS 71786 [SANDY PD 345] LOAD TO 0 MW DISPATCH
2626.9	INTERFACE TOTAL EAST			2.02136	6670.7	6500.0	OPEN 70509 [SB RCTOR 115] TO 70508 [SANDB115 115] CKT 2
							REMOVE MACHINE 1 FROM BUS 72869 [SBRK G1 25.0] DISPATCH
2626.9	INTERFACE TOTAL EAST			2.02136	6670.7	6500.0	REMOVE MACHINE 1 FROM BUS 72869 [SBRK G1 25.0] DISPATCH
2642.9 *	INTERFACE TOTAL EAST			2.02136	6638.3	6500.0	REMOVE MACHINE 3 FROM BUS 73563 [MILL#3 24.0] DISPATCH
2737.5	74344 PLTVLLEY 345	78701 LEEDS 3	345 2	-0.58149	-1708.8	1724.0	OPEN 78705 [ATHENS 345] TO 74344 [PLTVLLEY 345] CKT 1
2803.8	74344 PLTVLLEY 345	78705 ATHENS	345 1	-0.56554	-1671.7	1724.0	OPEN 78701 [LEEDS 3 345] TO 74344 [PLTVLLEY 345] CKT 2
2827.1	74344 PLTVLLEY 345	78701 LEEDS 3	345 2	-0.55756	-1659.4	1724.0	OPEN 78705 [ATHENS 345] TO 74344 [PLTVLLEY 345] CKT 1
							OPEN 74344 [PLTVLLEY 345] TO 74341 [MILLWOOD 345] CKT 1
2830.0	74344 PLTVLLEY 345	78701 LEEDS 3	345 2	-0.55815	-1657.8	1724.0	OPEN 78705 [ATHENS 345] TO 74344 [PLTVLLEY 345] CKT 1
							OPEN 74344 [PLTVLLEY 345] TO 74356 [WOOD B 345] CKT 1
2898.5	74344 PLTVLLEY 345	78705 ATHENS	345 1	-0.54296	-1622.4	1724.0	OPEN 78701 [LEEDS 3 345] TO 74344 [PLTVLLEY 345] CKT 2
							OPEN 74344 [PLTVLLEY 345] TO 74356 [WOOD B 345] CKT 1
2952.4	74344 PLTVLLEY 345	78705 ATHENS	345 1	-0.52845	-1596.6	1724.0	OPEN 78701 [LEEDS 3 345] TO 74344 [PLTVLLEY 345] CKT 2
							OPEN 78702 [N.SCOT77 345] TO 78701 [LEEDS 3 345] CKT 1
3044.7	74344 PLTVLLEY 345	78701 LEEDS 3	345 2	-0.40845	-1194.8	1331.0	BASE CASE
3072.7 *	74344 PLTVLLEY 345	78701 LEEDS 3	345 2	-0.54552	-1526.9	1724.0	OPEN 79583 [MARCY T1 345] TO 75400 [COOPC345 345] CKT 1
							OPEN 75403 [FRASR345 345] TO 75400 [COOPC345 345] CKT 1
3165.8	74344 PLTVLLEY 345	78705 ATHENS	345 1	-0.38869	-1154.4	1331.0	BASE CASE
3199.9 *	74344 PLTVLLEY 345	78705 ATHENS	345 1	-0.51914	-1470.3	1724.0	OPEN 79583 [MARCY T1 345] TO 75400 [COOPC345 345] CKT 1
							OPEN 75403 [FRASR345 345] TO 75400 [COOPC345 345] CKT 1

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*** TLTG TRANSFER LIMIT OUTPUT FOR INTERFACE CENTRAL EAST ***

TOTAL TRANS CAPAB	<---------- LIMITING ELEMENT ----------> FROM	TO	CKT	DISTR. FACTOR	PRE-SHIFT MW	RATING BAS/CNT A/C	CONTINGENCY DESCRIPTION
3256.2	79304 N.M.TAP 345	79322 SHOEMTAP 138	1	0.14143	589.9	667.0	OPEN 74001 [ROCK TAV 345] TO 74347 [RAMAPO 345] CKT 1
							OPEN 74001 [ROCK TAV 345] TO 74046 [ROCK TV1 115] CKT 1
							OPEN 74046 [ROCK TV1 115] TO 74018 [SUGARLF 115] CKT 1
3344.1	75400 COOPC345 345	75403 FRASR345 345	1	-0.39339	-958.1	1207.0	BASE CASE
3348.9	75403 FRASR345 345	75405 OAKDL345 345	1	-0.54681	-1031.4	1380.0	OPEN 78450 [EDIC 345] TO 75403 [FRASR345 345] CKT 1
							OPEN 79583 [MARCY T1 345] TO 75400 [COOPC345 345] CKT 1
3420.6	79303 SMAHWAH2 345	5028 WALDWICK 345	1	0.07426	536.3	589.0	OPEN 74347 [RAMAPO 345] TO 74340 [LADENTWN 345] CKT 1
							OPEN 74347 [RAMAPO 345] TO 74312 [BUCH N 345] CKT 1
							OPEN 74410 [BUCHNTA5 138] TO 74312 [BUCH N 345] CKT 1
3427.6	78703 N.SCOT99 345	79583 MARCY T1 345	1	-0.55917	-1391.5	1792.0	OPEN 78702 [N.SCOT77 345] TO 78450 [EDIC 345] CKT 1
							OPEN 78450 [EDIC 345] TO 78460 [PORTER 2 230] CKT 1
							OPEN 78450 [EDIC 345] TO 78485 [PORTER 1 115] CKT 1
3465.5	78701 LEEDS 3 345	78703 N.SCOT99 345	2	-0.59710	-1273.7	1724.0	OPEN 78701 [LEEDS 3 345] TO 78702 [N.SCOT77 345] CKT 1
3483.2	78703 N.SCOT99 345	79583 MARCY T1 345	1	-0.54997	-1367.5	1792.0	OPEN 78450 [EDIC 345] TO 75403 [FRASR345 345] CKT 1
							OPEN 79583 [MARCY T1 345] TO 75400 [COOPC345 345] CKT 1
3507.0	79586 ADRON B2 230	79590 MOSES W 230	1	-0.05384	-397.2	440.0	OPEN 79578 [MASS 765 765] TO 79577 [MARCY765 765] CKT 1
3507.0	79585 ADRON B1 230	79590 MOSES W 230	1	-0.05384	-397.2	440.0	OPEN 79578 [MASS 765 765] TO 79577 [MARCY765 765] CKT 1
3511.6	75400 COOPC345 345	75403 FRASR345 345	1	-0.52700	-1281.2	1703.0	OPEN 78460 [PORTER 2 230] TO 78980 [ROTRDM.2 230] CKT 1
							OPEN 79583 [MARCY T1 345] TO 75400 [COOPC345 345] CKT 1
3522.3	75403 FRASR345 345	79581 GILB 345 345	1	0.59087	1044.8	1524.0	OPEN 75400 [COOPC345 345] TO 74001 [ROCK TAV 345] CKT 2
							OPEN 75400 [COOPC345 345] TO 79304 [N.M.TAP 345] CKT 1
							OPEN 79304 [N.M.TAP 345] TO 74001 [ROCK TAV 345] CKT 1
3544.9	75400 COOPC345 345	75403 FRASR345 345	1	-0.52222	-1267.7	1703.0	OPEN 79583 [MARCY T1 345] TO 75400 [COOPC345 345] CKT 1
3546.3	75403 FRASR345 345	79581 GILB 345 345	1	0.58440	1036.0	1524.0	OPEN 79583 [MARCY T1 345] TO 75400 [COOPC345 345] CKT 1
							OPEN 75403 [FRASR345 345] TO 75400 [COOPC345 345] CKT 1
3546.4	75400 COOPC345 345	75403 FRASR345 345	1	-0.52209	-1267.0	1703.0	OPEN 79590 [MOSES W 230] TO 79585 [ADRON B1 230] CKT 1
							OPEN 79583 [MARCY T1 345] TO 75400 [COOPC345 345] CKT 1
3551.3	*75400 COOPC345 345	75403 FRASR345 345	1	-0.52191	-1264.6	1703.0	OPEN 79577 [MARCY765 765] TO 79583 [MARCY T1 345] CKT 1
							OPEN 79583 [MARCY T1 345] TO 75400 [COOPC345 345] CKT 1
3557.4	78703 N.SCOT99 345	79583 MARCY T1 345	1	-0.54746	-1328.8	1792.0	OPEN 78450 [EDIC 345] TO 78702 [N.SCOT77 345] CKT 1
3614.4	75400 COOPC345 345	79583 MARCY T1 345	1	-0.40699	-977.4	1345.0	OPEN 75403 [FRASR345 345] TO 75400 [COOPC345 345] CKT 1
							OPEN 75405 [OAKDL345 345] TO 75403 [FRASR345 345] CKT 1
3615.8	78703 N.SCOT99 345	79583 MARCY T1 345	1	-0.53806	-1305.3	1792.0	OPEN 79580 [JA FITZP 345] TO 78450 [EDIC 345] CKT 1
							OPEN 78702 [N.SCOT77 345] TO 78450 [EDIC 345] CKT 1
3625.4	75400 COOPC345 345	79304 N.M.TAP 345	1	0.56016	1281.0	1793.0	OPEN 74001 [ROCK TAV 345] TO 75400 [COOPC345 345] CKT 2
							OPEN 75400 [COOPC345 345] TO 75440 [COOPC115 115] CKT 1
3631.7	75400 COOPC345 345	79304 N.M.TAP 345	1	0.55974	1277.8	1793.0	OPEN 75400 [COOPC345 345] TO 74001 [ROCK TAV 345] CKT 2
3633.2	75403 FRASR345 345	75405 OAKDL345 345	1	-0.50462	-914.8	1380.0	OPEN 77400 [CLAY 345] TO 78450 [EDIC 345] CKT 2
							OPEN 78450 [EDIC 345] TO 75403 [FRASR345 345] CKT 1
3636.4	78450 EDIC 345	78702 N.SCOT77 345	1	0.52019	1242.8	1724.0	OPEN 79590 [MOSES W 230] TO 79586 [ADRON B2 230] CKT 1
							OPEN 79583 [MARCY T1 345] TO 78703 [N.SCOT99 345] CKT 1
3637.7	78450 EDIC 345	78702 N.SCOT77 345	1	0.52009	1242.2	1724.0	OPEN 78703 [N.SCOT99 345] TO 79583 [MARCY T1 345] CKT 1
3638.9	75400 COOPC345 345	79583 MARCY T1 345	1	-0.40276	-971.4	1345.0	OPEN 75403 [FRASR345 345] TO 75400 [COOPC345 345] CKT 1
3640.0	74001 ROCK TAV 345	74347 RAMAPO 345	1	0.63776	1576.7	2169.0	OPEN 74331 [FISHKILL 345] TO 74022 [E FISH I 115] CKT 1
							OPEN 74331 [FISHKILL 345] TO 74002 [ROSETON 345] CKT 1
3640.7	75400 COOPC345 345	79583 MARCY T1 345	1	-0.40274	-970.7	1345.0	OPEN 75403 [FRASR345 345] TO 75400 [COOPC345 345] CKT 1
							OPEN 75400 [COOPC345 345] TO 75440 [COOPC115 115] CKT 1
3644.7	74001 ROCK TAV 345	74347 RAMAPO 345	1	0.62754	1583.3	2169.0	OPEN 74002 [ROSETON 345] TO 74331 [FISHKILL 345] CKT 1

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*** TLTG TRANSFER LIMIT OUTPUT FOR INTERFACE CENT E+FGILB ***

<- INTERFACE 'CENT E+FGILB' DEFINITION ->

<----- FROM ----->	<------ TO ------>	CKT	DISTR. FACTOR	PRE-SHIFT MW
75403 FRASR345 345	79581 GILB 345 345	1	0.24893	421.6
75447 E.SPR115 115	79136 INGHAM-E 115	1	0.01307	20.9
78450 EDIC 345	78702 N.SCOT77 345	1	0.28808	908.2
78460 PORTER 2 230	78980 ROTRDM.2 230	1	0.06853	262.5
78460 PORTER 2 230	78980 ROTRDM.2 230	2	0.07042	269.5
78478 INGMS-CD 115	79136 INGHAM-E 115	1	0.00000	119.8
79583 MARCY T1 345	78703 N.SCOT99 345	1	0.31098	1012.9
79602 PLAT T#3 115	70511 GRAND IS 115	1	0.00000	117.4
TOTALS FOR INTERFACE CENT E+FGILB			1.00000	3132.9

TOTAL TRANS CAPAB	<---------- LIMITING ELEMENT ----------> <----- FROM ----->	<------ TO ------>	CKT	DISTR. FACTOR	PRE-SHIFT MW	RATING BAS/CNT A/C	<---------- CONTINGENCY DESCRIPTION ---------->
2329.1	79303 SMAHWAH2 345	5028 WALDWICK 345	1	0.04248	623.1	589.0	OPEN 74340 [LADENTWN 345] TO 74313 [BUCH S 345] CKT 1
							OPEN 74347 [RAMAPO 345] TO 74312 [BUCH N 345] CKT 1
							OPEN 74410 [BUCHNTA5 138] TO 74312 [BUCH N 345] CKT 1
2662.4	INTERFACE CENTRAL EAST			0.99800	3569.5	3100.0	OPEN 78450 [EDIC 345] TO 75403 [FRASR345 345] CKT 1
							OPEN 79583 [MARCY T1 345] TO 75400 [COOPC345 345] CKT 1
2851.6	INTERFACE CENTRAL EAST			0.95552	3368.8	3100.0	OPEN 79583 [MARCY T1 345] TO 75400 [COOPC345 345] CKT 1
							OPEN 75403 [FRASR345 345] TO 75400 [COOPC345 345] CKT 1
2896.0	INTERFACE TOTAL EAST			1.51818	6859.7	6500.0	SET BUS 71786 [SANDY PD 345] LOAD TO 0 MW DISPATCH
2896.0	INTERFACE TOTAL EAST			1.51818	6859.7	6500.0	OPEN 70509 [SB RCTOR 115] TO 70508 [SANDB115 115] CKT 2
							SET BUS 71786 [SANDY PD 345] LOAD TO 0 MW DISPATCH
2955.1	INTERFACE CENTRAL EAST			0.92454	3264.4	3100.0	OPEN 75400 [COOPC345 345] TO 74001 [ROCK TAV 345] CKT 2
							OPEN 75400 [COOPC345 345] TO 79304 [N.M.TAP 345] CKT 1
							OPEN 79304 [N.M.TAP 345] TO 74001 [ROCK TAV 345] CKT 1
3014.5	INTERFACE CENTRAL EAST			0.75107	3188.9	3100.0	SET BUS 71786 [SANDY PD 345] LOAD TO 0 MW DISPATCH
3014.5 *	INTERFACE CENTRAL EAST			0.75107	3188.9	3100.0	OPEN 70509 [SB RCTOR 115] TO 70508 [SANDB115 115] CKT 2
							SET BUS 71786 [SANDY PD 345] LOAD TO 0 MW DISPATCH
3020.4	INTERFACE TOTAL EAST			1.51818	6670.7	6500.0	OPEN 70509 [SB RCTOR 115] TO 70508 [SANDB115 115] CKT 2
							REMOVE MACHINE 1 FROM BUS 72869 [SBRK G1 25.0] DISPATCH
3020.4	INTERFACE TOTAL EAST			1.51818	6670.7	6500.0	REMOVE MACHINE 1 FROM BUS 72869 [SBRK G1 25.0] DISPATCH
3041.8 *	INTERFACE TOTAL EAST			1.51818	6638.3	6500.0	REMOVE MACHINE 3 FROM BUS 73563 [MILL#3 24.0] DISPATCH
3167.8	74344 PLTVLLEY 345	78701 LEEDS 3	345 2	-0.43674	-1708.8	1724.0	OPEN 78705 [ATHENS 345] TO 74344 [PLTVLLEY 345] CKT 1
3256.0	74344 PLTVLLEY 345	78705 ATHENS	345 1	-0.42476	-1671.7	1724.0	OPEN 78701 [LEEDS 3 345] TO 74344 [PLTVLLEY 345] CKT 2
3287.0	74344 PLTVLLEY 345	78701 LEEDS 3	345 2	-0.41877	-1659.4	1724.0	OPEN 78705 [ATHENS 345] TO 74344 [PLTVLLEY 345] CKT 1
							OPEN 74344 [PLTVLLEY 345] TO 74341 [MILLWOOD 345] CKT 1
3290.8	74344 PLTVLLEY 345	78701 LEEDS 3	345 2	-0.41921	-1657.8	1724.0	OPEN 78705 [ATHENS 345] TO 74344 [PLTVLLEY 345] CKT 1
							OPEN 74344 [PLTVLLEY 345] TO 74356 [WOOD B 345] CKT 1
3382.1	74344 PLTVLLEY 345	78705 ATHENS	345 1	-0.40780	-1622.4	1724.0	OPEN 78701 [LEEDS 3 345] TO 74344 [PLTVLLEY 345] CKT 2
							OPEN 74344 [PLTVLLEY 345] TO 74356 [WOOD B 345] CKT 1
3453.8	74344 PLTVLLEY 345	78705 ATHENS	345 1	-0.39690	-1596.6	1724.0	OPEN 78701 [LEEDS 3 345] TO 74344 [PLTVLLEY 345] CKT 2
							OPEN 78702 [N.SCOT77 345] TO 78701 [LEEDS 3 345] CKT 1
3576.7	74344 PLTVLLEY 345	78701 LEEDS 3	345 2	-0.30677	-1194.8	1331.0	BASE CASE
3614.0 *	74344 PLTVLLEY 345	78701 LEEDS 3	345 2	-0.40973	-1526.9	1724.0	OPEN 79583 [MARCY T1 345] TO 75400 [COOPC345 345] CKT 1
							OPEN 75403 [FRASR345 345] TO 75400 [COOPC345 345] CKT 1
3738.0	74344 PLTVLLEY 345	78705 ATHENS	345 1	-0.29193	-1154.4	1331.0	BASE CASE

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*** TLTG TRANSFER LIMIT OUTPUT FOR INTERFACE CENT E+FGILB ***

TOTAL TRANS CAPAB	LIMITING ELEMENT FROM	LIMITING ELEMENT TO	CKT	DISTR. FACTOR	PRE-SHIFT MW	RATING BAS/CNT A/C	CONTINGENCY DESCRIPTION
3783.5	*74344 PLTVLLEY 345	78705 ATHENS 345	1	-0.38991	-1470.3	1724.0	OPEN 79583 [MARCY T1 345] TO 75400 [COOPC345 345] CKT 1
							OPEN 75403 [FRASR345 345] TO 75400 [COOPC345 345] CKT 1
3858.3	79304 N.M.TAP 345	79322 SHOEMTAP 138	1	0.10622	589.9	667.0	OPEN 74001 [ROCK TAV 345] TO 74347 [RAMAPO 345] CKT 1
							OPEN 74001 [ROCK TAV 345] TO 74046 [ROCK TV1 115] CKT 1
							OPEN 74046 [ROCK TV1 115] TO 74018 [SUGARLF 115] CKT 1
3975.4	75400 COOPC345 345	75403 FRASR345 345	1	-0.29546	-958.1	1207.0	BASE CASE
3981.7	75403 FRASR345 345	75405 OAKDL345 345	1	-0.41069	-1031.4	1380.0	OPEN 78450 [EDIC 345] TO 75403 [FRASR345 345] CKT 1
							OPEN 79583 [MARCY T1 345] TO 75400 [COOPC345 345] CKT 1
4077.2	79303 SMAHWAH2 345	5028 WALDWICK 345	1	0.05578	536.3	589.0	OPEN 74347 [RAMAPO 345] TO 74340 [LADENTWN 345] CKT 1
							OPEN 74347 [RAMAPO 345] TO 74312 [BUCH N 345] CKT 1
							OPEN 74410 [BUCHNTA5 138] TO 74312 [BUCH N 345] CKT 1
4086.6	78703 N.SCOT99 345	79583 MARCY T1 345	1	-0.41998	-1391.5	1792.0	OPEN 78702 [N.SCOT77 345] TO 78450 [EDIC 345] CKT 1
							OPEN 78450 [EDIC 345] TO 78460 [PORTER 2 230] CKT 1
							OPEN 78450 [EDIC 345] TO 78485 [PORTER 1 115] CKT 1
4137.0	78701 LEEDS 3 345	78703 N.SCOT99 345	2	-0.44847	-1273.7	1724.0	OPEN 78701 [LEEDS 3 345] TO 78702 [N.SCOT77 345] CKT 1
4160.6	78703 N.SCOT99 345	79583 MARCY T1 345	1	-0.41307	-1367.5	1792.0	OPEN 78450 [EDIC 345] TO 75403 [FRASR345 345] CKT 1
							OPEN 79583 [MARCY T1 345] TO 75400 [COOPC345 345] CKT 1
4192.3	79586 ADRON B2 230	79590 MOSES W 230	1	-0.04044	-397.2	440.0	OPEN 79578 [MASS 765 765] TO 79577 [MARCY765 765] CKT 1
4192.3	79585 ADRON B1 230	79590 MOSES W 230	1	-0.04044	-397.2	440.0	OPEN 79578 [MASS 765 765] TO 79577 [MARCY765 765] CKT 1
4198.5	75400 COOPC345 345	75403 FRASR345 345	1	-0.39581	-1281.2	1703.0	OPEN 78460 [PORTER 2 230] TO 78980 [ROTRDM.2 230] CKT 1
							OPEN 79583 [MARCY T1 345] TO 75400 [COOPC345 345] CKT 1
4212.7	75403 FRASR345 345	79581 GILB 345 345	1	0.44379	1044.8	1524.0	OPEN 75400 [COOPC345 345] TO 74001 [ROCK TAV 345] CKT 2
							OPEN 75400 [COOPC345 345] TO 79304 [N.M.TAP 345] CKT 1
							OPEN 79304 [N.M.TAP 345] TO 74001 [ROCK TAV 345] CKT 1
4242.7	75400 COOPC345 345	75403 FRASR345 345	1	-0.39222	-1267.7	1703.0	OPEN 79583 [MARCY T1 345] TO 75400 [COOPC345 345] CKT 1
4244.6	75403 FRASR345 345	79581 GILB 345 345	1	0.43893	1036.0	1524.0	OPEN 79583 [MARCY T1 345] TO 75400 [COOPC345 345] CKT 1
							OPEN 75403 [FRASR345 345] TO 75400 [COOPC345 345] CKT 1
4244.8	75400 COOPC345 345	75403 FRASR345 345	1	-0.39213	-1267.0	1703.0	OPEN 79590 [MOSES W 230] TO 79585 [ADRON B1 230] CKT 1
							OPEN 79583 [MARCY T1 345] TO 75400 [COOPC345 345] CKT 1
4251.2	*75400 COOPC345 345	75403 FRASR345 345	1	-0.39199	-1264.6	1703.0	OPEN 79577 [MARCY765 765] TO 79583 [MARCY T1 345] CKT 1
							OPEN 79583 [MARCY T1 345] TO 75400 [COOPC345 345] CKT 1
4259.4	78703 N.SCOT99 345	79583 MARCY T1 345	1	-0.41118	-1328.8	1792.0	OPEN 78450 [EDIC 345] TO 78702 [N.SCOT77 345] CKT 1
4335.3	75400 COOPC345 345	79583 MARCY T1 345	1	-0.30568	-977.4	1345.0	OPEN 75403 [FRASR345 345] TO 75400 [COOPC345 345] CKT 1
							OPEN 75405 [OAKDL345 345] TO 75403 [FRASR345 345] CKT 1
4337.2	78703 N.SCOT99 345	79583 MARCY T1 345	1	-0.40412	-1305.3	1792.0	OPEN 79580 [JA FITZP 345] TO 78450 [EDIC 345] CKT 1
							OPEN 78702 [N.SCOT77 345] TO 78450 [EDIC 345] CKT 1
4349.9	75400 COOPC345 345	79304 N.M.TAP 345	1	0.42072	1281.0	1793.0	OPEN 74001 [ROCK TAV 345] TO 75400 [COOPC345 345] CKT 2
							OPEN 75400 [COOPC345 345] TO 75440 [COOPC115 115] CKT 1
4358.3	75400 COOPC345 345	79304 N.M.TAP 345	1	0.42040	1277.8	1793.0	OPEN 75400 [COOPC345 345] TO 74001 [ROCK TAV 345] CKT 2
4360.4	75403 FRASR345 345	75405 OAKDL345 345	1	-0.37901	-914.8	1380.0	OPEN 77400 [CLAY 345] TO 78450 [EDIC 345] CKT 2
							OPEN 78450 [EDIC 345] TO 75403 [FRASR345 345] CKT 1
4364.6	78450 EDIC 345	78702 N.SCOT77 345	1	0.39070	1242.8	1724.0	OPEN 79590 [MOSES W 230] TO 79586 [ADRON B2 230] CKT 1
							OPEN 79583 [MARCY T1 345] TO 78703 [N.SCOT99 345] CKT 1
4366.3	78450 EDIC 345	78702 N.SCOT77 345	1	0.39063	1242.2	1724.0	OPEN 78703 [N.SCOT99 345] TO 79583 [MARCY T1 345] CKT 1
4367.9	75400 COOPC345 345	79583 MARCY T1 345	1	-0.30250	-971.4	1345.0	OPEN 75403 [FRASR345 345] TO 75400 [COOPC345 345] CKT 1
4369.4	74001 ROCK TAV 345	74347 RAMAPO 345	1	0.47900	1576.7	2169.0	OPEN 74331 [FISHKILL 345] TO 74022 [E FISH I 115] CKT 1
							OPEN 74331 [FISHKILL 345] TO 74002 [ROSETON 345] CKT 1

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*** TLTG TRANSFER LIMIT OUTPUT FOR INTERFACE CE GROUP ***

<- INTERFACE 'CE GROUP ' DEFINITION -> FROM	TO	CKT	DISTR. FACTOR	PRE-SHIFT MW
75512 W.WDB115 115	76210 W.WDBR6969.0	1	0.00483	30.3
75403 FRASR345 345	79581 GILB 345 345	1	0.16397	421.6
75400 COOPC345 345	74001 ROCK TAV 345	2	0.16248	716.9
75400 COOPC345 345	79304 N.M.TAP 345	1	0.17401	823.8
75447 E.SPR115 115	79136 INGHAM-E 115	1	0.00861	20.9
78450 EDIC 345	78702 N.SCOT77 345	1	0.18975	908.2
78460 PORTER 2 230	78980 ROTRDM.2 230	1	0.04514	262.5
78460 PORTER 2 230	78980 ROTRDM.2 230	2	0.04638	269.5
78478 INGMS-CD 115	79136 INGHAM-E 115	1	0.00000	119.8
79583 MARCY T1 345	78703 N.SCOT99 345	1	0.20484	1012.9
TOTALS FOR INTERFACE CE GROUP			1.00000	4586.5

TOTAL TRANS CAPAB	LIMITING ELEMENT FROM	TO	CKT	DISTR. FACTOR	PRE-SHIFT MW	RATING BAS/CNT A/C	CONTINGENCY DESCRIPTION
3366.2	79303 SMAHWAH2 345	5028 WALDWICK 345	1	0.02798	623.1	589.0	OPEN 74340 [LADENTWN 345] TO 74313 [BUCH S 345] CKT 1
							OPEN 74347 [RAMAPO 345] TO 74312 [BUCH N 345] CKT 1
							OPEN 74410 [BUCHNTA5 138] TO 74312 [BUCH N 345] CKT 1
3872.2	INTERFACE CENTRAL EAST			0.65736	3569.5	3100.0	OPEN 78450 [EDIC 345] TO 75403 [FRASR345 345] CKT 1
							OPEN 79583 [MARCY T1 345] TO 75400 [COOPC345 345] CKT 1
4159.4	INTERFACE CENTRAL EAST			0.62939	3368.8	3100.0	OPEN 79583 [MARCY T1 345] TO 75400 [COOPC345 345] CKT 1
							OPEN 75403 [FRASR345 345] TO 75400 [COOPC345 345] CKT 1
4226.8	INTERFACE TOTAL EAST			1.00000	6859.7	6500.0	SET BUS 71786 [SANDY PD 345] LOAD TO 0 MW DISPATCH
4226.8	INTERFACE TOTAL EAST			1.00000	6859.7	6500.0	OPEN 70509 [SB RCTOR 115] TO 70508 [SANDB115 115] CKT 2
							SET BUS 71786 [SANDY PD 345] LOAD TO 0 MW DISPATCH
4316.5	INTERFACE CENTRAL EAST			0.60898	3264.4	3100.0	OPEN 75400 [COOPC345 345] TO 74001 [ROCK TAV 345] CKT 2
							OPEN 75400 [COOPC345 345] TO 79304 [N.M.TAP 345] CKT 1
							OPEN 79304 [N.M.TAP 345] TO 74001 [ROCK TAV 345] CKT 1
4406.7	INTERFACE CENTRAL EAST			0.49471	3188.9	3100.0	SET BUS 71786 [SANDY PD 345] LOAD TO 0 MW DISPATCH
4406.7 *	INTERFACE CENTRAL EAST			0.49471	3188.9	3100.0	OPEN 70509 [SB RCTOR 115] TO 70508 [SANDB115 115] CKT 2
							SET BUS 71786 [SANDY PD 345] LOAD TO 0 MW DISPATCH
4415.7	INTERFACE TOTAL EAST			1.00000	6670.7	6500.0	OPEN 70509 [SB RCTOR 115] TO 70508 [SANDB115 115] CKT 2
							REMOVE MACHINE 1 FROM BUS 72869 [SBRK G1 25.0] DISPATCH
4415.7	INTERFACE TOTAL EAST			1.00000	6670.7	6500.0	REMOVE MACHINE 1 FROM BUS 72869 [SBRK G1 25.0] DISPATCH
4448.1 *	INTERFACE TOTAL EAST			1.00000	6638.3	6500.0	REMOVE MACHINE 3 FROM BUS 73563 [MILL#3 24.0] DISPATCH
4639.4	74344 PLTVLLEY 345	78701 LEEDS 3 345	2	-0.28767	-1708.8	1724.0	OPEN 78705 [ATHENS 345] TO 74344 [PLTVLLEY 345] CKT 1
4773.3	74344 PLTVLLEY 345	78705 ATHENS 345	1	-0.27978	-1671.7	1724.0	OPEN 78701 [LEEDS 3 345] TO 74344 [PLTVLLEY 345] CKT 2
4820.5	74344 PLTVLLEY 345	78701 LEEDS 3 345	2	-0.27583	-1659.4	1724.0	OPEN 78705 [ATHENS 345] TO 74344 [PLTVLLEY 345] CKT 1
							OPEN 74344 [PLTVLLEY 345] TO 74341 [MILLWOOD 345] CKT 1
4826.3	74344 PLTVLLEY 345	78701 LEEDS 3 345	2	-0.27613	-1657.8	1724.0	OPEN 78705 [ATHENS 345] TO 74344 [PLTVLLEY 345] CKT 1
							OPEN 74344 [PLTVLLEY 345] TO 74356 [WOOD B 345] CKT 1
4964.7	74344 PLTVLLEY 345	78705 ATHENS 345	1	-0.26861	-1622.4	1724.0	OPEN 78701 [LEEDS 3 345] TO 74344 [PLTVLLEY 345] CKT 2
							OPEN 74344 [PLTVLLEY 345] TO 74356 [WOOD B 345] CKT 1
5073.7	74344 PLTVLLEY 345	78705 ATHENS 345	1	-0.26143	-1596.6	1724.0	OPEN 78701 [LEEDS 3 345] TO 74344 [PLTVLLEY 345] CKT 2
							OPEN 78702 [N.SCOT77 345] TO 78701 [LEEDS 3 345] CKT 1
5260.3	74344 PLTVLLEY 345	78701 LEEDS 3 345	2	-0.20206	-1194.8	1331.0	BASE CASE
5316.9 *	74344 PLTVLLEY 345	78701 LEEDS 3 345	2	-0.26988	-1526.9	1724.0	OPEN 79583 [MARCY T1 345] TO 75400 [COOPC345 345] CKT 1
							OPEN 75403 [FRASR345 345] TO 75400 [COOPC345 345] CKT 1

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*** TLTG TRANSFER LIMIT OUTPUT FOR INTERFACE CE GROUP ***

TOTAL TRANS CAPAB	<---------- LIMITING ELEMENT ----------> <----- FROM ----->	<------ TO ------>	CKT	DISTR. FACTOR	PRE-SHIFT MW	RATING BAS/CNT A/C	<---------- CONTINGENCY DESCRIPTION ---------->
5505.1	74344 PLTVLLEY 345	78705 ATHENS 345	1	-0.19229	-1154.4	1331.0	BASE CASE
5574.1	*74344 PLTVLLEY 345	78705 ATHENS 345	1	-0.25683	-1470.3	1724.0	OPEN 79583 [MARCY T1 345] TO 75400 [COOPC345 345] CKT 1
							OPEN 75403 [FRASR345 345] TO 75400 [COOPC345 345] CKT 1
5687.8	79304 N.M.TAP 345	79322 SHOEMTAP 138	1	0.06997	589.9	667.0	OPEN 74001 [ROCK TAV 345] TO 74347 [RAMAPO 345] CKT 1
							OPEN 74001 [ROCK TAV 345] TO 74046 [ROCK TV1 115] CKT 1
							OPEN 74046 [ROCK TV1 115] TO 74018 [SUGARLF 115] CKT 1
5865.6	75400 COOPC345 345	75403 FRASR345 345	1	-0.19461	-958.1	1207.0	BASE CASE
5875.1	75403 FRASR345 345	75405 OAKDL345 345	1	-0.27051	-1031.4	1380.0	OPEN 78450 [EDIC 345] TO 75403 [FRASR345 345] CKT 1
							OPEN 79583 [MARCY T1 345] TO 75400 [COOPC345 345] CKT 1
6020.1	79303 SMAHWAH2 345	5028 WALDWICK 345	1	0.03674	536.3	589.0	OPEN 74347 [RAMAPO 345] TO 74340 [LADENTWN 345] CKT 1
							OPEN 74347 [RAMAPO 345] TO 74312 [BUCH N 345] CKT 1
							OPEN 74410 [BUCHNTA5 138] TO 74312 [BUCH N 345] CKT 1
6034.4	78703 N.SCOT99 345	79583 MARCY T1 345	1	-0.27663	-1391.5	1792.0	OPEN 78702 [N.SCOT77 345] TO 78450 [EDIC 345] CKT 1
							OPEN 78450 [EDIC 345] TO 78460 [PORTER 2 230] CKT 1
							OPEN 78450 [EDIC 345] TO 78485 [PORTER 1 115] CKT 1
6110.9	78701 LEEDS 3 345	78703 N.SCOT99 345	2	-0.29540	-1273.7	1724.0	OPEN 78701 [LEEDS 3 345] TO 78702 [N.SCOT77 345] CKT 1
6146.7	78703 N.SCOT99 345	79583 MARCY T1 345	1	-0.27208	-1367.5	1792.0	OPEN 78450 [EDIC 345] TO 75403 [FRASR345 345] CKT 1
							OPEN 79583 [MARCY T1 345] TO 75400 [COOPC345 345] CKT 1
6194.8	79586 ADRON B2 230	79590 MOSES W 230	1	-0.02664	-397.2	440.0	OPEN 79578 [MASS 765 765] TO 79577 [MARCY765 765] CKT 1
6194.8	79585 ADRON B1 230	79590 MOSES W 230	1	-0.02664	-397.2	440.0	OPEN 79578 [MASS 765 765] TO 79577 [MARCY765 765] CKT 1
6204.2	75400 COOPC345 345	75403 FRASR345 345	1	-0.26071	-1281.2	1703.0	OPEN 78460 [PORTER 2 230] TO 78980 [ROTRDM.2 230] CKT 1
							OPEN 79583 [MARCY T1 345] TO 75400 [COOPC345 345] CKT 1
6225.8	75403 FRASR345 345	79581 GILB 345 345	1	0.29231	1044.8	1524.0	OPEN 75400 [COOPC345 345] TO 74001 [ROCK TAV 345] CKT 2
							OPEN 75400 [COOPC345 345] TO 79304 [N.M.TAP 345] CKT 1
							OPEN 79304 [N.M.TAP 345] TO 74001 [ROCK TAV 345] CKT 1
6271.4	75400 COOPC345 345	75403 FRASR345 345	1	-0.25835	-1267.7	1703.0	OPEN 79583 [MARCY T1 345] TO 75400 [COOPC345 345] CKT 1
6274.3	75403 FRASR345 345	79581 GILB 345 345	1	0.28911	1036.0	1524.0	OPEN 79583 [MARCY T1 345] TO 75400 [COOPC345 345] CKT 1
							OPEN 75403 [FRASR345 345] TO 75400 [COOPC345 345] CKT 1
6274.5	75400 COOPC345 345	75403 FRASR345 345	1	-0.25829	-1267.0	1703.0	OPEN 79590 [MOSES W 230] TO 79585 [ADRON B1 230] CKT 1
							OPEN 79583 [MARCY T1 345] TO 75400 [COOPC345 345] CKT 1
6284.3	*75400 COOPC345 345	75403 FRASR345 345	1	-0.25819	-1264.6	1703.0	OPEN 79577 [MARCY765 765] TO 79583 [MARCY T1 345] CKT 1
							OPEN 79583 [MARCY T1 345] TO 75400 [COOPC345 345] CKT 1
6296.8	78703 N.SCOT99 345	79583 MARCY T1 345	1	-0.27084	-1328.8	1792.0	OPEN 78450 [EDIC 345] TO 78702 [N.SCOT77 345] CKT 1
6412.0	75400 COOPC345 345	79583 MARCY T1 345	1	-0.20135	-977.4	1345.0	OPEN 75403 [FRASR345 345] TO 75400 [COOPC345 345] CKT 1
							OPEN 75405 [OAKDL345 345] TO 75403 [FRASR345 345] CKT 1
6414.8	78703 N.SCOT99 345	79583 MARCY T1 345	1	-0.26619	-1305.3	1792.0	OPEN 79580 [JA FITZP 345] TO 78450 [EDIC 345] CKT 1
							OPEN 78702 [N.SCOT77 345] TO 78450 [EDIC 345] CKT 1
6434.2	75400 COOPC345 345	79304 N.M.TAP 345	1	0.27712	1281.0	1793.0	OPEN 74001 [ROCK TAV 345] TO 75400 [COOPC345 345] CKT 2
							OPEN 75400 [COOPC345 345] TO 75440 [COOPC115 115] CKT 1
6446.8	75400 COOPC345 345	79304 N.M.TAP 345	1	0.27691	1277.8	1793.0	OPEN 75400 [COOPC345 345] TO 74001 [ROCK TAV 345] CKT 2
6450.0	75403 FRASR345 345	75405 OAKDL345 345	1	-0.24964	-914.8	1380.0	OPEN 77400 [CLAY 345] TO 78450 [EDIC 345] CKT 2
							OPEN 78450 [EDIC 345] TO 75403 [FRASR345 345] CKT 1
6456.4	78450 EDIC 345	78702 N.SCOT77 345	1	0.25735	1242.8	1724.0	OPEN 79590 [MOSES W 230] TO 79586 [ADRON B2 230] CKT 1
							OPEN 79583 [MARCY T1 345] TO 78703 [N.SCOT99 345] CKT 1
6459.0	78450 EDIC 345	78702 N.SCOT77 345	1	0.25730	1242.2	1724.0	OPEN 78703 [N.SCOT99 345] TO 79583 [MARCY T1 345] CKT 1
6461.5	75400 COOPC345 345	79583 MARCY T1 345	1	-0.19925	-971.4	1345.0	OPEN 75403 [FRASR345 345] TO 75400 [COOPC345 345] CKT 1
6463.7	74001 ROCK TAV 345	74347 RAMAPO 345	1	0.31551	1576.7	2169.0	OPEN 74331 [FISHKILL 345] TO 74022 [E FISH I 115] CKT 1
							OPEN 74331 [FISHKILL 345] TO 74002 [ROSETON 345] CKT 1

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*** TLTG EXPORT LIMIT OUTPUT FOR BASE CASE ***

DISTRIBUTION FACTOR FILE: C:\NYISO\CRPP4\uc.dfx
SUBSYSTEM DESCRIPTION FILE: C:\NYISO\CRPP\sysuc.sub
MONITORED ELEMENT FILE: C:\NYISO\CRPP\monuc.mon
CONTINGENCY DESCRIPTION FILE: C:\NYISO\CRPP\contuc.con

	PRE-SHIFT	DELTA	POST-SHIFT
STUDY SYSTEM MW GENERATION:	717.4	1000.0	1717.4
OPPOSING SYSTEM MW GENERATION:	2993.7	-1000.0	1993.7
STUDY SYSTEM NET INTERCHANGE:	700.1	1000.0	1700.1

<---------- STUDY SYSTEM ---------->				<---------- OPPOSING SYSTEM ---------->				
	<---- GENERATOR MW ---->					<---- GENERATOR MW ---->		
BUS	BUS NAME	BASE	SHIFT	CHANGE	BUS	BUS NAME	BASE	SHIFT	CHANGE
80900	LAKEVWG518.0	211.9	545.2	333.3	74302	ER G7	13.2	166.0	96.0	-70.0
81422	LENNOXG220.0	505.5	1172.2	666.7	74702	RAV 3	22.0	972.0	672.0	-300.0
					74705	AST 4	20.0	729.7	529.7	-200.0
					74706	AST 5	20.0	361.0	261.0	-100.0
					74707	RAV 1	20.0	385.0	235.0	-150.0
					74907	NRTPTG2	22.0	380.0	200.0	-180.0

INSOLUBLE CASE: UNABLE TO RELIEVE PRE-SHIFT SOLUTION OVERLOADS
WITHOUT CAUSING ADDITIONAL OVERLOADING

LOADINGS AT OR ABOVE 100.0 %
OF RATING ARE MARKED WITH '*'

<----- FROM ----->			<------ TO ------>		CKT	TOTAL TRANS CAPAB	<---------- BASE CASE ----------> RATING A	PRE-SHIFT MW	POST-SHIFT MW	LIMIT CASE MW	DISTR. FACTOR
74344	PLTVLLEY	345	78701	LEEDS 3	345	2	1373.0	1331	-1195.	-1397.*	-1331.*	-0.20235
74344	PLTVLLEY	345	78705	ATHENS	345	1	1617.4	1331	-1154.	-1347.*	-1284.	-0.19256
74316	DUNWODIE	345	75000	SHORE RD	345	1	1712.8	687	505.7	684.7	626.2	0.17902
74403	ASTORIAW	138	74496	HG 5	138	1	2006.9	177	-22.9	130.1	80.0	0.15297
74403	ASTORIAW	138	74497	HG 6	138	1	2057.1	177	-19.8	125.2	77.8	0.14500
74650	REAC71	345	74691	S. BRONX	345	3	2175.8	715	404.1	614.8	545.8	0.21071
74651	REAC72	345	74691	S. BRONX	345	4	2175.8	715	404.1	614.8	545.8	0.21071
74316	DUNWODIE	345	74651	REAC72	345	SR	2175.8	715	404.0	614.8	545.8	0.21071
74316	DUNWODIE	345	74650	REAC71	345	SR	2175.8	715	404.0	614.8	545.8	0.21071
74348	SPRBROOK	345	74567	REACM51	345	SR	2436.1	774	427.6	627.1	561.9	0.19955
74348	SPRBROOK	345	74568	REACM52	345	SR	2436.1	774	427.6	627.1	561.9	0.19955
74354	W 49 ST	345	74567	REACM51	345	1	2444.7	774	-425.9	-625.4	-560.1	-0.19955
74354	W 49 ST	345	74568	REACM52	345	2	2444.7	774	-425.9	-625.4	-560.1	-0.19955
74002	ROSETON	345	74331	FISHKILL	345	1	2486.4	1935	1577.3	1777.5	1712.0	0.20025
74435	E179 ST	138	74497	HG 6	138	1	2544.5	222	331.8*	31.5	129.8	-0.30026
	INTERFACE F TO G						2573.3	4527	3446.4	4023.3	3834.5	0.57688
74345	RAINEY	345	74612	8W DUM	138	8	2681.6	240	-203.2	20.5	-52.7	0.22368
74345	RAINEY	345	74691	S. BRONX	345	3	2888.9	715	-253.8	-464.5	-395.6	-0.21071
74345	RAINEY	345	74691	S. BRONX	345	4	2888.9	715	-253.8	-464.5	-395.6	-0.21071
74345	RAINEY	345	74611	8E DUM	138	8	3092.5	271	-271.1*	-44.5	-118.7	0.22661

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*** TLTG TRANSFER LIMIT OUTPUT FOR INTERFACE F TO G ***

<- INTERFACE 'F TO G ' DEFINITION ->

<----- FROM ----->	<------ TO ------>	CKT	DISTR. FACTOR	PRE-SHIFT MW
78742 BLUES-8 115	74043 PL.VAL 1 115	1	0.02169	68.5
78739 BL STR E 115	74043 PL.VAL 1 115	1	0.02538	61.3
78730 ADM 115	74043 PL.VAL 1 115	1	0.02251	59.0
78757 BOC 2T 115	74040 N.CAT. 1 115	2	0.02004	108.9
78701 LEEDS 3 345	74000 HURLEY 3 345	1	0.22582	799.5
78705 ATHENS 345	74344 PLTVLLEY 345	1	0.33380	1154.4
78701 LEEDS 3 345	74344 PLTVLLEY 345	2	0.35076	1194.8
TOTALS FOR INTERFACE F TO G			1.00000	3446.4

TOTAL TRANS CAPAB	<---------- LIMITING ELEMENT ----------> <----- FROM ----->	<------ TO ------>	CKT	DISTR. FACTOR	PRE-SHIFT MW	RATING BAS/CNT A/C	<---------- CONTINGENCY DESCRIPTION ---------->
380.5	79319 RAMP138 138	79361 TALLMAN 138	1	0.04128	431.0	304.4	OPEN 74347 [RAMAPO 345] TO 74340 [LADENTWN 345] CKT 1
							OPEN 74340 [LADENTWN 345] TO 79300 [WHAV345 345] CKT 1
							OPEN 79300 [WHAV345 345] TO 74310 [BOWLINE1 345] CKT 10
							OPEN 79300 [WHAV345 345] TO 79325 [WHAV138 138] CKT 1
							OPEN 79391 [BOW1 20.0] TO 74310 [BOWLINE1 345] CKT 1
							REDUCE BUS 79391 [BOW1 20.0] GENERATION BY 100 PERCENT DISPATCH
1767.9	74018 SUGARLF 115	74046 ROCK TV1 115	1	-0.03612	-278.6	218.0	OPEN 79304 [N.M.TAP 345] TO 79322 [SHOEMTAP 138] CKT 1
1767.9	74018 SUGARLF 115	74046 ROCK TV1 115	1	-0.03612	-278.6	218.0	OPEN 79321 [SHOEM138 138] TO 79322 [SHOEMTAP 138] CKT 1
1795.0	74018 SUGARLF 115	79359 SGRLF69 69.0	1	0.03612	277.6	218.0	OPEN 79304 [N.M.TAP 345] TO 79322 [SHOEMTAP 138] CKT 1
1795.1	74018 SUGARLF 115	79359 SGRLF69 69.0	1	0.03612	277.6	218.0	OPEN 79321 [SHOEM138 138] TO 79322 [SHOEMTAP 138] CKT 1
1984.4	79313 MONSEY 138	79361 TALLMAN 138	1	-0.04129	-364.8	304.4	OPEN 74347 [RAMAPO 345] TO 74340 [LADENTWN 345] CKT 1
							OPEN 74340 [LADENTWN 345] TO 79300 [WHAV345 345] CKT 1
							OPEN 79300 [WHAV345 345] TO 74310 [BOWLINE1 345] CKT 10
							OPEN 79300 [WHAV345 345] TO 79325 [WHAV138 138] CKT 1
							OPEN 79391 [BOW1 20.0] TO 74310 [BOWLINE1 345] CKT 1
							REDUCE BUS 79391 [BOW1 20.0] GENERATION BY 100 PERCENT DISPATCH
2033.3	74018 SUGARLF 115	74046 ROCK TV1 115	1	-0.03683	-270.0	218.0	OPEN 79304 [N.M.TAP 345] TO 75400 [COOPC345 345] CKT 1
							OPEN 74001 [ROCK TAV 345] TO 79304 [N.M.TAP 345] CKT 1
							OPEN 74002 [ROSETON 345] TO 74001 [ROCK TAV 345] CKT 1
2059.8	74018 SUGARLF 115	79359 SGRLF69 69.0	1	0.03683	269.1	218.0	OPEN 79304 [N.M.TAP 345] TO 75400 [COOPC345 345] CKT 1
							OPEN 74001 [ROCK TAV 345] TO 79304 [N.M.TAP 345] CKT 1
							OPEN 74002 [ROSETON 345] TO 74001 [ROCK TAV 345] CKT 1
2858.0	74018 SUGARLF 115	74046 ROCK TV1 115	1	-0.04028	-241.7	218.0	OPEN 74001 [ROCK TAV 345] TO 74347 [RAMAPO 345] CKT 1
							OPEN 74347 [RAMAPO 345] TO 74312 [BUCH N 345] CKT 1
							OPEN 74410 [BUCHNTA5 138] TO 74312 [BUCH N 345] CKT 1
2882.3	74018 SUGARLF 115	79359 SGRLF69 69.0	1	0.04028	240.7	218.0	OPEN 74001 [ROCK TAV 345] TO 74347 [RAMAPO 345] CKT 1
							OPEN 74347 [RAMAPO 345] TO 74312 [BUCH N 345] CKT 1
							OPEN 74410 [BUCHNTA5 138] TO 74312 [BUCH N 345] CKT 1
2902.0	79311 BURNS138 138	79313 MONSEY 138	1	-0.04128	-326.9	304.4	OPEN 74347 [RAMAPO 345] TO 74340 [LADENTWN 345] CKT 1
							OPEN 74340 [LADENTWN 345] TO 79300 [WHAV345 345] CKT 1
							OPEN 79300 [WHAV345 345] TO 74310 [BOWLINE1 345] CKT 10
							OPEN 79300 [WHAV345 345] TO 79325 [WHAV138 138] CKT 1
							OPEN 79391 [BOW1 20.0] TO 74310 [BOWLINE1 345] CKT 1
							REDUCE BUS 79391 [BOW1 20.0] GENERATION BY 100 PERCENT DISPATCH

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*** TLTG TRANSFER LIMIT OUTPUT FOR INTERFACE F TO G ***

TOTAL TRANS CAPAB	<---------- LIMITING ELEMENT ----------> FROM	TO	CKT	DISTR. FACTOR	PRE-SHIFT MW	RATING BAS/CNT A/C	<---------- CONTINGENCY DESCRIPTION ---------->
2973.4	79303 SMAHWAH2 345	5028 WALDWICK 345	1	0.07218	623.1	589.0	OPEN 74340 [LADENTWN 345] TO 74313 [BUCH S 345] CKT 1
							OPEN 74347 [RAMAPO 345] TO 74312 [BUCH N 345] CKT 1
							OPEN 74410 [BUCHNTA5 138] TO 74312 [BUCH N 345] CKT 1
3112.8	*74018 SUGARLF 115	74046 ROCK TV1 115	1	-0.04413	-232.7	218.0	OPEN 74001 [ROCK TAV 345] TO 74347 [RAMAPO 345] CKT 1
3135.0	*74018 SUGARLF 115	79359 SGRLF69 69.0	1	0.04413	231.7	218.0	OPEN 74001 [ROCK TAV 345] TO 74347 [RAMAPO 345] CKT 1
3476.9	74344 PLTVLLEY 345	78701 LEEDS 3 345	2	-0.49937	-1708.8	1724.0	OPEN 74344 [PLTVLLEY 345] TO 78705 [ATHENS 345] CKT 1
3554.0	74344 PLTVLLEY 345	78705 ATHENS 345	1	-0.48568	-1671.7	1724.0	OPEN 74344 [PLTVLLEY 345] TO 78701 [LEEDS 3 345] CKT 2
3581.2	74344 PLTVLLEY 345	78701 LEEDS 3 345	2	-0.47893	-1659.4	1724.0	OPEN 78705 [ATHENS 345] TO 74344 [PLTVLLEY 345] CKT 1
							OPEN 74344 [PLTVLLEY 345] TO 74341 [MILLWOOD 345] CKT 1
3584.5	74344 PLTVLLEY 345	78701 LEEDS 3 345	2	-0.47943	-1657.8	1724.0	OPEN 78705 [ATHENS 345] TO 74344 [PLTVLLEY 345] CKT 1
							OPEN 74344 [PLTVLLEY 345] TO 74356 [WOOD B 345] CKT 1
3664.3	74344 PLTVLLEY 345	78705 ATHENS 345	1	-0.46637	-1622.4	1724.0	OPEN 78701 [LEEDS 3 345] TO 74344 [PLTVLLEY 345] CKT 2
							OPEN 74344 [PLTVLLEY 345] TO 74356 [WOOD B 345] CKT 1
3681.2	79308 CHESTER 138	79321 SHOEM138 138	1	-0.09249	-282.7	304.4	OPEN 74001 [ROCK TAV 345] TO 74347 [RAMAPO 345] CKT 1
							OPEN 74001 [ROCK TAV 345] TO 74046 [ROCK TV1 115] CKT 1
							OPEN 74046 [ROCK TV1 115] TO 74018 [SUGARLF 115] CKT 1
3726.4	74344 PLTVLLEY 345	78705 ATHENS 345	1	-0.45490	-1596.6	1724.0	OPEN 78701 [LEEDS 3 345] TO 74344 [PLTVLLEY 345] CKT 2
							OPEN 78702 [N.SCOT77 345] TO 78701 [LEEDS 3 345] CKT 1
3834.5	74344 PLTVLLEY 345	78701 LEEDS 3 345	2	-0.35076	-1194.8	1331.0	BASE CASE
3866.1	*74344 PLTVLLEY 345	78701 LEEDS 3 345	2	-0.46970	-1526.9	1724.0	OPEN 79583 [MARCY T1 345] TO 75400 [COOPC345 345] CKT 1
							OPEN 75403 [FRASR345 345] TO 75400 [COOPC345 345] CKT 1
3975.6	74344 PLTVLLEY 345	78705 ATHENS 345	1	-0.33380	-1154.4	1331.0	BASE CASE
4013.9	*74344 PLTVLLEY 345	78705 ATHENS 345	1	-0.44698	-1470.3	1724.0	OPEN 79583 [MARCY T1 345] TO 75400 [COOPC345 345] CKT 1
							OPEN 75403 [FRASR345 345] TO 75400 [COOPC345 345] CKT 1
4030.6	74316 DUNWODIE 345	75000 SHORE RD 345	1	0.31033	505.7	687.0	BASE CASE
4106.6	79308 CHESTER 138	79323 SGRLF138 138	1	0.09249	243.3	304.4	OPEN 74001 [ROCK TAV 345] TO 74347 [RAMAPO 345] CKT 1
							OPEN 74001 [ROCK TAV 345] TO 74046 [ROCK TV1 115] CKT 1
							OPEN 74046 [ROCK TV1 115] TO 74018 [SUGARLF 115] CKT 1
4113.0	79304 N.M.TAP 345	79322 SHOEMTAP 138	1	0.11559	589.9	667.0	OPEN 74001 [ROCK TAV 345] TO 74347 [RAMAPO 345] CKT 1
							OPEN 74001 [ROCK TAV 345] TO 74046 [ROCK TV1 115] CKT 1
							OPEN 74046 [ROCK TV1 115] TO 74018 [SUGARLF 115] CKT 1
4138.6	79308 CHESTER 138	79321 SHOEM138 138	1	-0.08565	-245.1	304.4	OPEN 74001 [ROCK TAV 345] TO 74347 [RAMAPO 345] CKT 1
							OPEN 74001 [ROCK TAV 345] TO 74046 [ROCK TV1 115] CKT 1
4178.4	79308 CHESTER 138	79321 SHOEM138 138	1	-0.07914	-246.5	304.4	OPEN 74001 [ROCK TAV 345] TO 74347 [RAMAPO 345] CKT 1
							OPEN 74347 [RAMAPO 345] TO 74312 [BUCH N 345] CKT 1
							OPEN 74410 [BUCHNTA5 138] TO 74312 [BUCH N 345] CKT 1
4200.3	74403 ASTORIAW 138	74496 HG 5 138	1	0.26517	-22.9	177.0	BASE CASE
4229.2	74403 ASTORIAW 138	74497 HG 6 138	1	0.25136	-19.8	177.0	BASE CASE
4251.6	79319 RAMP138 138	79361 TALLMAN 138	1	0.10654	218.6	304.4	OPEN 74347 [RAMAPO 345] TO 74340 [LADENTWN 345] CKT 1
							OPEN 74347 [RAMAPO 345] TO 74312 [BUCH N 345] CKT 1
							OPEN 74410 [BUCHNTA5 138] TO 74312 [BUCH N 345] CKT 1
4251.7	79308 CHESTER 138	79321 SHOEM138 138	1	-0.08517	-235.8	304.4	OPEN 74001 [ROCK TAV 345] TO 75400 [COOPC345 345] CKT 2
							OPEN 74001 [ROCK TAV 345] TO 74347 [RAMAPO 345] CKT 1
4258.3	74345 RAINEY 345	74691 S. BRONX 345	4	-0.71742	-498.5	1081.0	OPEN 74345 [RAINEY 345] TO 74691 [S. BRONX 345] CKT 3
4258.3	74345 RAINEY 345	74691 S. BRONX 345	3	-0.71742	-498.5	1081.0	OPEN 74345 [RAINEY 345] TO 74691 [S. BRONX 345] CKT 4
4284.4	*79308 CHESTER 138	79321 SHOEM138 138	1	-0.08434	-233.7	304.4	OPEN 74001 [ROCK TAV 345] TO 74347 [RAMAPO 345] CKT 1
4297.7	74650 REAC71 345	74691 S. BRONX 345	3	0.36526	404.1	715.0	BASE CASE
4297.7	74651 REAC72 345	74691 S. BRONX 345	4	0.36526	404.1	715.0	BASE CASE

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*** TLTG TRANSFER LIMIT OUTPUT FOR INTERFACE UPNY-S OPEN ***

<- INTERFACE 'UPNY-S OPEN ' DEFINITION ->

<----- FROM ----->	<------ TO ------>	CKT	DISTR. FACTOR	PRE-SHIFT MW
2 BRANCHBG 500	74300 RAMAPO 5 500	1	0.00000	439.6
75400 COOPC345 345	79304 N.M.TAP 345	1	0.17551	823.8
75400 COOPC345 345	74001 ROCK TAV 345	2	0.16427	716.9
75512 W.WDB115 115	76210 W.WDBR6969.0	1	0.00506	30.3
78742 BLUES-8 115	74043 PL.VAL 1 115	1	0.01253	68.5
78739 BL STR E 115	74043 PL.VAL 1 115	1	0.01466	61.3
78730 ADM 115	74043 PL.VAL 1 115	1	0.01300	59.0
78757 BOC 2T 115	74040 N.CAT. 1 115	2	0.01158	108.9
78701 LEEDS 3 345	74000 HURLEY 3 345	1	0.13044	799.5
78705 ATHENS 345	74344 PLTVLLEY 345	1	0.19282	1154.4
78701 LEEDS 3 345	74344 PLTVLLEY 345	2	0.20262	1194.8
73117 CTNY398 345	74344 PLTVLLEY 345	1	0.07751	-244.0
TOTALS FOR INTERFACE UPNY-S OPEN			1.00000	5213.0

TOTAL TRANS CAPAB	<---------- LIMITING ELEMENT ----------> <----- FROM ----->	<------ TO ------>	CKT	DISTR. FACTOR	PRE-SHIFT MW	RATING BAS/CNT A/C	<---------- CONTINGENCY DESCRIPTION ---------->
-94.6	79319 RAMP138 138	79361 TALLMAN 138	1	0.02385	431.0	304.4	OPEN 74347 [RAMAPO 345] TO 74340 [LADENTWN 345] CKT 1
							OPEN 74340 [LADENTWN 345] TO 79300 [WHAV345 345] CKT 1
							OPEN 79300 [WHAV345 345] TO 74310 [BOWLINE1 345] CKT 10
							OPEN 79300 [WHAV345 345] TO 79325 [WHAV138 138] CKT 1
							OPEN 79391 [BOW1 20.0] TO 74310 [BOWLINE1 345] CKT 1
							REDUCE BUS 79391 [BOW1 20.0] GENERATION BY 100 PERCENT DISPATCH
2307.2	74018 SUGARLF 115	74046 ROCK TV1 115	1	-0.02086	-278.6	218.0	OPEN 79304 [N.M.TAP 345] TO 79322 [SHOEMTAP 138] CKT 1
2307.2	74018 SUGARLF 115	74046 ROCK TV1 115	1	-0.02086	-278.6	218.0	OPEN 79321 [SHOEM138 138] TO 79322 [SHOEMTAP 138] CKT 1
2354.2	74018 SUGARLF 115	79359 SGRLF69 69.0	1	0.02086	277.6	218.0	OPEN 79304 [N.M.TAP 345] TO 79322 [SHOEMTAP 138] CKT 1
2354.2	74018 SUGARLF 115	79359 SGRLF69 69.0	1	0.02086	277.6	218.0	OPEN 79321 [SHOEM138 138] TO 79322 [SHOEMTAP 138] CKT 1
2682.0	79313 MONSEY 138	79361 TALLMAN 138	1	-0.02385	-364.8	304.4	OPEN 74347 [RAMAPO 345] TO 74340 [LADENTWN 345] CKT 1
							OPEN 74340 [LADENTWN 345] TO 79300 [WHAV345 345] CKT 1
							OPEN 79300 [WHAV345 345] TO 74310 [BOWLINE1 345] CKT 10
							OPEN 79300 [WHAV345 345] TO 79325 [WHAV138 138] CKT 1
							OPEN 79391 [BOW1 20.0] TO 74310 [BOWLINE1 345] CKT 1
							REDUCE BUS 79391 [BOW1 20.0] GENERATION BY 100 PERCENT DISPATCH
2766.6	74018 SUGARLF 115	74046 ROCK TV1 115	1	-0.02127	-270.0	218.0	OPEN 79304 [N.M.TAP 345] TO 75400 [COOPC345 345] CKT 1
							OPEN 74001 [ROCK TAV 345] TO 79304 [N.M.TAP 345] CKT 1
							OPEN 74002 [ROSETON 345] TO 74001 [ROCK TAV 345] CKT 1
2812.6	74018 SUGARLF 115	79359 SGRLF69 69.0	1	0.02127	269.1	218.0	OPEN 79304 [N.M.TAP 345] TO 75400 [COOPC345 345] CKT 1
							OPEN 74001 [ROCK TAV 345] TO 79304 [N.M.TAP 345] CKT 1
							OPEN 74002 [ROSETON 345] TO 74001 [ROCK TAV 345] CKT 1
4194.3	74018 SUGARLF 115	74046 ROCK TV1 115	1	-0.02327	-241.7	218.0	OPEN 74001 [ROCK TAV 345] TO 74347 [RAMAPO 345] CKT 1
							OPEN 74347 [RAMAPO 345] TO 74312 [BUCH N 345] CKT 1
							OPEN 74410 [BUCHNTA5 138] TO 74312 [BUCH N 345] CKT 1
4236.5	74018 SUGARLF 115	79359 SGRLF69 69.0	1	0.02327	240.7	218.0	OPEN 74001 [ROCK TAV 345] TO 74347 [RAMAPO 345] CKT 1
							OPEN 74347 [RAMAPO 345] TO 74312 [BUCH N 345] CKT 1
							OPEN 74410 [BUCHNTA5 138] TO 74312 [BUCH N 345] CKT 1

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*** TLTG TRANSFER LIMIT OUTPUT FOR INTERFACE UPNY-S OPEN ***

TOTAL TRANS CAPAB	<---------- LIMITING ELEMENT ----------> FROM	TO	CKT	DISTR. FACTOR	PRE-SHIFT MW	RATING BAS/CNT A/C	<---------- CONTINGENCY DESCRIPTION ---------->
4270.5	79311 BURNS138 138	79313 MONSEY 138	1	-0.02385	-326.9	304.4	OPEN 74347 [RAMAPO 345] TO 74340 [LADENTWN 345] CKT 1
							OPEN 74340 [LADENTWN 345] TO 79300 [WHAV345 345] CKT 1
							OPEN 79300 [WHAV345 345] TO 74310 [BOWLINE1 345] CKT 10
							OPEN 79300 [WHAV345 345] TO 79325 [WHAV138 138] CKT 1
							OPEN 79391 [BOW1 20.0] TO 74310 [BOWLINE1 345] CKT 1
							REDUCE BUS 79391 [BOW1 20.0] GENERATION BY 100 PERCENT DISPATCH
4394.1	79303 SMAHWAH2 345	5028 WALDWICK 345	1	0.04170	623.1	589.0	OPEN 74340 [LADENTWN 345] TO 74313 [BUCH S 345] CKT 1
							OPEN 74347 [RAMAPO 345] TO 74312 [BUCH N 345] CKT 1
							OPEN 74410 [BUCHNTA5 138] TO 74312 [BUCH N 345] CKT 1
4635.4	*74018 SUGARLF 115	74046 ROCK TV1 115	1	-0.02549	-232.7	218.0	OPEN 74001 [ROCK TAV 345] TO 74347 [RAMAPO 345] CKT 1
4673.9	*74018 SUGARLF 115	79359 SGRLF69 69.0	1	0.02549	231.7	218.0	OPEN 74001 [ROCK TAV 345] TO 74347 [RAMAPO 345] CKT 1
5265.8	74344 PLTVLLEY 345	78701 LEEDS 3 345	2	-0.28846	-1708.8	1724.0	OPEN 74344 [PLTVLLEY 345] TO 78705 [ATHENS 345] CKT 1
5399.3	74344 PLTVLLEY 345	78705 ATHENS 345	1	-0.28055	-1671.7	1724.0	OPEN 74344 [PLTVLLEY 345] TO 78701 [LEEDS 3 345] CKT 2
5446.3	74344 PLTVLLEY 345	78701 LEEDS 3 345	2	-0.27665	-1659.4	1724.0	OPEN 78705 [ATHENS 345] TO 74344 [PLTVLLEY 345] CKT 1
							OPEN 74344 [PLTVLLEY 345] TO 74341 [MILLWOOD 345] CKT 1
5452.1	74344 PLTVLLEY 345	78701 LEEDS 3 345	2	-0.27694	-1657.8	1724.0	OPEN 78705 [ATHENS 345] TO 74344 [PLTVLLEY 345] CKT 1
							OPEN 74344 [PLTVLLEY 345] TO 74356 [WOOD B 345] CKT 1
5590.1	74344 PLTVLLEY 345	78705 ATHENS 345	1	-0.26940	-1622.4	1724.0	OPEN 78701 [LEEDS 3 345] TO 74344 [PLTVLLEY 345] CKT 2
							OPEN 74344 [PLTVLLEY 345] TO 74356 [WOOD B 345] CKT 1
5619.5	79308 CHESTER 138	79321 SHOEM138 138	1	-0.05343	-282.7	304.4	OPEN 74001 [ROCK TAV 345] TO 74347 [RAMAPO 345] CKT 1
							OPEN 74001 [ROCK TAV 345] TO 74046 [ROCK TV1 115] CKT 1
							OPEN 74046 [ROCK TV1 115] TO 74018 [SUGARLF 115] CKT 1
5697.7	74344 PLTVLLEY 345	78705 ATHENS 345	1	-0.26277	-1596.6	1724.0	OPEN 78701 [LEEDS 3 345] TO 74344 [PLTVLLEY 345] CKT 2
							OPEN 78702 [N.SCOT77 345] TO 78701 [LEEDS 3 345] CKT 1
5885.0	74344 PLTVLLEY 345	78701 LEEDS 3 345	2	-0.20262	-1194.8	1331.0	BASE CASE
5939.5	*74344 PLTVLLEY 345	78701 LEEDS 3 345	2	-0.27132	-1526.9	1724.0	OPEN 79583 [MARCY T1 345] TO 75400 [COOPC345 345] CKT 1
							OPEN 75403 [FRASR345 345] TO 75400 [COOPC345 345] CKT 1
6129.1	74344 PLTVLLEY 345	78705 ATHENS 345	1	-0.19282	-1154.4	1331.0	BASE CASE
6195.4	*74344 PLTVLLEY 345	78705 ATHENS 345	1	-0.25819	-1470.3	1724.0	OPEN 79583 [MARCY T1 345] TO 75400 [COOPC345 345] CKT 1
							OPEN 75403 [FRASR345 345] TO 75400 [COOPC345 345] CKT 1
6224.3	74316 DUNWODIE 345	75000 SHORE RD 345	1	0.17926	505.7	687.0	BASE CASE
6356.0	79308 CHESTER 138	79323 SGRLF138 138	1	0.05343	243.3	304.4	OPEN 74001 [ROCK TAV 345] TO 74347 [RAMAPO 345] CKT 1
							OPEN 74001 [ROCK TAV 345] TO 74046 [ROCK TV1 115] CKT 1
							OPEN 74046 [ROCK TV1 115] TO 74018 [SUGARLF 115] CKT 1
6367.0	79304 N.M.TAP 345	79322 SHOEMTAP 138	1	0.06677	589.9	667.0	OPEN 74001 [ROCK TAV 345] TO 74347 [RAMAPO 345] CKT 1
							OPEN 74001 [ROCK TAV 345] TO 74046 [ROCK TV1 115] CKT 1
							OPEN 74046 [ROCK TV1 115] TO 74018 [SUGARLF 115] CKT 1
6411.3	79308 CHESTER 138	79321 SHOEM138 138	1	-0.04948	-245.1	304.4	OPEN 74001 [ROCK TAV 345] TO 74347 [RAMAPO 345] CKT 1
							OPEN 74001 [ROCK TAV 345] TO 74046 [ROCK TV1 115] CKT 1
6480.3	79308 CHESTER 138	79321 SHOEM138 138	1	-0.04571	-246.5	304.4	OPEN 74001 [ROCK TAV 345] TO 74347 [RAMAPO 345] CKT 1
							OPEN 74347 [RAMAPO 345] TO 74312 [BUCH N 345] CKT 1
							OPEN 74410 [BUCHNTA5 138] TO 74312 [BUCH N 345] CKT 1
6518.1	74403 ASTORIAW 138	74496 HG 5 138	1	0.15317	-22.9	177.0	BASE CASE
6568.1	74403 ASTORIAW 138	74497 HG 6 138	1	0.14520	-19.8	177.0	BASE CASE
6606.9	79319 RAMP138 138	79361 TALLMAN 138	1	0.06154	218.6	304.4	OPEN 74347 [RAMAPO 345] TO 74340 [LADENTWN 345] CKT 1
							OPEN 74347 [RAMAPO 345] TO 74312 [BUCH N 345] CKT 1
							OPEN 74410 [BUCHNTA5 138] TO 74312 [BUCH N 345] CKT 1

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*** TLTG TRANSFER LIMIT OUTPUT FOR INTERFACE UPNY-C OPEN ***

<- INTERFACE 'UPNY-C OPEN ' DEFINITION ->

<----- FROM ----->	<------ TO ------>	CKT	DISTR. FACTOR	PRE-SHIFT MW
74002 ROSETON 345	74331 FISHKILL 345	1	0.20033	1577.3
74026 FISHKILL 115	75762 SYLVN115 115	1	0.00963	124.5
74022 E FISH I 115	74331 FISHKILL 345	1	0.01838	-142.7
74340 LADENTWN 345	74313 BUCH S 345	1	0.13592	348.9
74344 PLTVLLEY 345	74331 FISHKILL 345	1	0.07768	206.4
74344 PLTVLLEY 345	74331 FISHKILL 345	2	0.07768	206.4
74344 PLTVLLEY 345	74341 MILLWOOD 345	1	0.17355	745.6
74344 PLTVLLEY 345	74356 WOOD B 345	1	0.17126	776.1
74347 RAMAPO 345	74312 BUCH N 345	1	0.13558	-14.6
TOTALS FOR INTERFACE UPNY-C OPEN			1.00000	3827.8

TOTAL TRANS CAPAB	<---------- LIMITING ELEMENT ----------> <----- FROM ----->	<------ TO ------>	CKT	DISTR. FACTOR	PRE-SHIFT MW	RATING BAS/CNT A/C	<---------- CONTINGENCY DESCRIPTION ---------->
-1484.7	79319 RAMP138 138	79361 TALLMAN 138	1	0.02382	431.0	304.4	OPEN 74347 [RAMAPO 345] TO 74340 [LADENTWN 345] CKT 1
							OPEN 74340 [LADENTWN 345] TO 79300 [WHAV345 345] CKT 1
							OPEN 79300 [WHAV345 345] TO 74310 [BOWLINE1 345] CKT 10
							OPEN 79300 [WHAV345 345] TO 79325 [WHAV138 138] CKT 1
							OPEN 79391 [BOW1 20.0] TO 74310 [BOWLINE1 345] CKT 1
							REDUCE BUS 79391 [BOW1 20.0] GENERATION BY 100 PERCENT DISPATCH
919.3	74018 SUGARLF 115	74046 ROCK TV1 115	1	-0.02084	-278.6	218.0	OPEN 79304 [N.M.TAP 345] TO 79322 [SHOEMTAP 138] CKT 1
919.3	74018 SUGARLF 115	74046 ROCK TV1 115	1	-0.02084	-278.6	218.0	OPEN 79321 [SHOEM138 138] TO 79322 [SHOEMTAP 138] CKT 1
966.4	74018 SUGARLF 115	79359 SGRLF69 69.0	1	0.02084	277.6	218.0	OPEN 79304 [N.M.TAP 345] TO 79322 [SHOEMTAP 138] CKT 1
966.4	74018 SUGARLF 115	79359 SGRLF69 69.0	1	0.02084	277.6	218.0	OPEN 79321 [SHOEM138 138] TO 79322 [SHOEMTAP 138] CKT 1
1294.5	79313 MONSEY 138	79361 TALLMAN 138	1	-0.02383	-364.8	304.4	OPEN 74347 [RAMAPO 345] TO 74340 [LADENTWN 345] CKT 1
							OPEN 74340 [LADENTWN 345] TO 79300 [WHAV345 345] CKT 1
							OPEN 79300 [WHAV345 345] TO 74310 [BOWLINE1 345] CKT 10
							OPEN 79300 [WHAV345 345] TO 79325 [WHAV138 138] CKT 1
							OPEN 79391 [BOW1 20.0] TO 74310 [BOWLINE1 345] CKT 1
							REDUCE BUS 79391 [BOW1 20.0] GENERATION BY 100 PERCENT DISPATCH
1379.2	74018 SUGARLF 115	74046 ROCK TV1 115	1	-0.02125	-270.0	218.0	OPEN 79304 [N.M.TAP 345] TO 75400 [COOPC345 345] CKT 1
							OPEN 74001 [ROCK TAV 345] TO 79304 [N.M.TAP 345] CKT 1
							OPEN 74002 [ROSETON 345] TO 74001 [ROCK TAV 345] CKT 1
1425.2	74018 SUGARLF 115	79359 SGRLF69 69.0	1	0.02125	269.1	218.0	OPEN 79304 [N.M.TAP 345] TO 75400 [COOPC345 345] CKT 1
							OPEN 74001 [ROCK TAV 345] TO 79304 [N.M.TAP 345] CKT 1
							OPEN 74002 [ROSETON 345] TO 74001 [ROCK TAV 345] CKT 1
2808.2	74018 SUGARLF 115	74046 ROCK TV1 115	1	-0.02325	-241.7	218.0	OPEN 74001 [ROCK TAV 345] TO 74347 [RAMAPO 345] CKT 1
							OPEN 74347 [RAMAPO 345] TO 74312 [BUCH N 345] CKT 1
							OPEN 74410 [BUCHNTA5 138] TO 74312 [BUCH N 345] CKT 1
2850.4	74018 SUGARLF 115	79359 SGRLF69 69.0	1	0.02325	240.7	218.0	OPEN 74001 [ROCK TAV 345] TO 74347 [RAMAPO 345] CKT 1
							OPEN 74347 [RAMAPO 345] TO 74312 [BUCH N 345] CKT 1
							OPEN 74410 [BUCHNTA5 138] TO 74312 [BUCH N 345] CKT 1
2884.5	79311 BURNS138 138	79313 MONSEY 138	1	-0.02382	-326.9	304.4	OPEN 74347 [RAMAPO 345] TO 74340 [LADENTWN 345] CKT 1
							OPEN 74340 [LADENTWN 345] TO 79300 [WHAV345 345] CKT 1
							OPEN 79300 [WHAV345 345] TO 74310 [BOWLINE1 345] CKT 10
							OPEN 79300 [WHAV345 345] TO 79325 [WHAV138 138] CKT 1
							OPEN 79391 [BOW1 20.0] TO 74310 [BOWLINE1 345] CKT 1
							REDUCE BUS 79391 [BOW1 20.0] GENERATION BY 100 PERCENT DISPATCH

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*** TLTG TRANSFER LIMIT OUTPUT FOR INTERFACE UPNY-C OPEN ***

TOTAL TRANS CAPAB	<---------- LIMITING ELEMENT ----------> FROM	TO	CKT	DISTR. FACTOR	PRE-SHIFT MW	RATING BAS/CNT A/C	<---------- CONTINGENCY DESCRIPTION ---------->
3008.2	79303 SMAHWAH2 345	5028 WALDWICK 345	1	0.04166	623.1	589.0	OPEN 74340 [LADENTWN 345] TO 74313 [BUCH S 345] CKT 1
							OPEN 74347 [RAMAPO 345] TO 74312 [BUCH N 345] CKT 1
							OPEN 74410 [BUCHNTA5 138] TO 74312 [BUCH N 345] CKT 1
3249.7	*74018 SUGARLF 115	74046 ROCK TV1 115	1	-0.02547	-232.7	218.0	OPEN 74001 [ROCK TAV 345] TO 74347 [RAMAPO 345] CKT 1
3288.2	*74018 SUGARLF 115	79359 SGRLF69 69.0	1	0.02547	231.7	218.0	OPEN 74001 [ROCK TAV 345] TO 74347 [RAMAPO 345] CKT 1
3880.7	74344 PLTVLLEY 345	78701 LEEDS 3 345	2	-0.28818	-1708.8	1724.0	OPEN 74344 [PLTVLLEY 345] TO 78705 [ATHENS 345] CKT 1
4014.4	74344 PLTVLLEY 345	78705 ATHENS 345	1	-0.28028	-1671.7	1724.0	OPEN 74344 [PLTVLLEY 345] TO 78701 [LEEDS 3 345] CKT 2
4061.4	74344 PLTVLLEY 345	78701 LEEDS 3 345	2	-0.27639	-1659.4	1724.0	OPEN 78705 [ATHENS 345] TO 74344 [PLTVLLEY 345] CKT 1
							OPEN 74344 [PLTVLLEY 345] TO 74341 [MILLWOOD 345] CKT 1
4067.2	74344 PLTVLLEY 345	78701 LEEDS 3 345	2	-0.27667	-1657.8	1724.0	OPEN 78705 [ATHENS 345] TO 74344 [PLTVLLEY 345] CKT 1
							OPEN 74344 [PLTVLLEY 345] TO 74356 [WOOD B 345] CKT 1
4205.4	74344 PLTVLLEY 345	78705 ATHENS 345	1	-0.26914	-1622.4	1724.0	OPEN 78701 [LEEDS 3 345] TO 74344 [PLTVLLEY 345] CKT 2
							OPEN 74344 [PLTVLLEY 345] TO 74356 [WOOD B 345] CKT 1
4234.7	79308 CHESTER 138	79321 SHOEM138 138	1	-0.05338	-282.7	304.4	OPEN 74001 [ROCK TAV 345] TO 74347 [RAMAPO 345] CKT 1
							OPEN 74001 [ROCK TAV 345] TO 74046 [ROCK TV1 115] CKT 1
							OPEN 74046 [ROCK TV1 115] TO 74018 [SUGARLF 115] CKT 1
4313.0	74344 PLTVLLEY 345	78705 ATHENS 345	1	-0.26252	-1596.6	1724.0	OPEN 78701 [LEEDS 3 345] TO 74344 [PLTVLLEY 345] CKT 2
							OPEN 78702 [N.SCOT77 345] TO 78701 [LEEDS 3 345] CKT 1
4500.5	74344 PLTVLLEY 345	78701 LEEDS 3 345	2	-0.20242	-1194.8	1331.0	BASE CASE
4555.1	*74344 PLTVLLEY 345	78701 LEEDS 3 345	2	-0.27106	-1526.9	1724.0	OPEN 79583 [MARCY T1 345] TO 75400 [COOPC345 345] CKT 1
							OPEN 75403 [FRASR345 345] TO 75400 [COOPC345 345] CKT 1
4744.8	74344 PLTVLLEY 345	78705 ATHENS 345	1	-0.19263	-1154.4	1331.0	BASE CASE
4811.2	*74344 PLTVLLEY 345	78705 ATHENS 345	1	-0.25795	-1470.3	1724.0	OPEN 79583 [MARCY T1 345] TO 75400 [COOPC345 345] CKT 1
							OPEN 75403 [FRASR345 345] TO 75400 [COOPC345 345] CKT 1
4840.2	74316 DUNWODIE 345	75000 SHORE RD 345	1	0.17909	505.7	687.0	BASE CASE
4971.9	79308 CHESTER 138	79323 SGRLF138 138	1	0.05338	243.3	304.4	OPEN 74001 [ROCK TAV 345] TO 74347 [RAMAPO 345] CKT 1
							OPEN 74001 [ROCK TAV 345] TO 74046 [ROCK TV1 115] CKT 1
							OPEN 74046 [ROCK TV1 115] TO 74018 [SUGARLF 115] CKT 1
4982.9	79304 N.M.TAP 345	79322 SHOEMTAP 138	1	0.06671	589.9	667.0	OPEN 74001 [ROCK TAV 345] TO 74347 [RAMAPO 345] CKT 1
							OPEN 74001 [ROCK TAV 345] TO 74046 [ROCK TV1 115] CKT 1
							OPEN 74046 [ROCK TV1 115] TO 74018 [SUGARLF 115] CKT 1
5027.3	79308 CHESTER 138	79321 SHOEM138 138	1	-0.04943	-245.1	304.4	OPEN 74001 [ROCK TAV 345] TO 74347 [RAMAPO 345] CKT 1
							OPEN 74001 [ROCK TAV 345] TO 74046 [ROCK TV1 115] CKT 1
5096.4	79308 CHESTER 138	79321 SHOEM138 138	1	-0.04567	-246.5	304.4	OPEN 74001 [ROCK TAV 345] TO 74347 [RAMAPO 345] CKT 1
							OPEN 74347 [RAMAPO 345] TO 74312 [BUCH N 345] CKT 1
							OPEN 74410 [BUCHNTA5 138] TO 74312 [BUCH N 345] CKT 1
5134.2	74403 ASTORIAW 138	74496 HG 5 138	1	0.15303	-22.9	177.0	BASE CASE
5184.3	74403 ASTORIAW 138	74497 HG 6 138	1	0.14506	-19.8	177.0	BASE CASE
5223.1	79319 RAMP138 138	79361 TALLMAN 138	1	0.06148	218.6	304.4	OPEN 74347 [RAMAPO 345] TO 74340 [LADENTWN 345] CKT 1
							OPEN 74347 [RAMAPO 345] TO 74312 [BUCH N 345] CKT 1
							OPEN 74410 [BUCHNTA5 138] TO 74312 [BUCH N 345] CKT 1
5223.2	79308 CHESTER 138	79321 SHOEM138 138	1	-0.04915	-235.8	304.4	OPEN 74001 [ROCK TAV 345] TO 75400 [COOPC345 345] CKT 2
							OPEN 74001 [ROCK TAV 345] TO 74347 [RAMAPO 345] CKT 1
5234.7	74345 RAINEY 345	74691 S. BRONX 345	4	-0.41402	-498.5	1081.0	OPEN 74345 [RAINEY 345] TO 74691 [S. BRONX 345] CKT 3
5234.7	74345 RAINEY 345	74691 S. BRONX 345	3	-0.41402	-498.5	1081.0	OPEN 74345 [RAINEY 345] TO 74691 [S. BRONX 345] CKT 4
5280.0	*79308 CHESTER 138	79321 SHOEM138 138	1	-0.04867	-233.7	304.4	OPEN 74001 [ROCK TAV 345] TO 74347 [RAMAPO 345] CKT 1
5303.0	74650 REAC71 345	74691 S. BRONX 345	3	0.21079	404.1	715.0	BASE CASE
5303.0	74651 REAC72 345	74691 S. BRONX 345	4	0.21079	404.1	715.0	BASE CASE

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*** TLTG TRANSFER LIMIT OUTPUT FOR INTERFACE UPNY-C OPEN ***

TOTAL TRANS CAPAB	<---------- LIMITING ELEMENT ----------> FROM	TO	CKT	DISTR. FACTOR	PRE-SHIFT MW	RATING BAS/CNT A/C	<---------- CONTINGENCY DESCRIPTION ---------->
5303.0	74316 DUNWODIE 345	74651 REAC72 345 SR		0.21079	404.0	715.0	BASE CASE
5303.0	74316 DUNWODIE 345	74650 REAC71 345 SR		0.21079	404.0	715.0	BASE CASE
5311.4	79303 SMAHWAH2 345	5028 WALDWICK 345	1	0.03550	536.3	589.0	OPEN 74347 [RAMAPO 345] TO 74340 [LADENTWN 345] CKT 1
							OPEN 74347 [RAMAPO 345] TO 74312 [BUCH N 345] CKT 1
							OPEN 74410 [BUCHNTA5 138] TO 74312 [BUCH N 345] CKT 1
5563.2	74348 SPRBROOK 345	74567 REACM51 345 SR		0.19962	427.6	774.0	BASE CASE
5563.2	74348 SPRBROOK 345	74568 REACM52 345 SR		0.19962	427.6	774.0	BASE CASE
5567.9	INTERFACE F TO G			0.80810	4564.9	5971.0	OPEN 79583 [MARCY T1 345] TO 75400 [COOPC345 345] CKT 1
							OPEN 75403 [FRASR345 345] TO 75400 [COOPC345 345] CKT 1
5571.8	74354 W 49 ST 345	74567 REACM51 345	1	-0.19962	-425.9	774.0	BASE CASE
5571.8	74354 W 49 ST 345	74568 REACM52 345	2	-0.19962	-425.9	774.0	BASE CASE
5578.0	79321 SHOEM138 138	79322 SHOEMTAP 138	1	-0.06671	-589.9	706.7	OPEN 74001 [ROCK TAV 345] TO 74347 [RAMAPO 345] CKT 1
							OPEN 74001 [ROCK TAV 345] TO 74046 [ROCK TV1 115] CKT 1
							OPEN 74046 [ROCK TV1 115] TO 74018 [SUGARLF 115] CKT 1
5604.3	74403 ASTORIAW 138	74496 HG 5	138 1	0.29389	-42.1	480.0	OPEN 74403 [ASTORIAW 138] TO 74497 [HG 6 138] CKT 1
5606.7	74403 ASTORIAW 138	74497 HG 6	138 1	0.29343	-42.0	480.0	OPEN 74403 [ASTORIAW 138] TO 74496 [HG 5 138] CKT 1
5613.5	74002 ROSETON 345	74331 FISHKILL 345	1	0.20033	1577.3	1935.0	BASE CASE
5659.9	79304 N.M.TAP 345	75400 COOPC345 345	1	-0.27949	-1281.0	1793.0	OPEN 74001 [ROCK TAV 345] TO 75400 [COOPC345 345] CKT 2
							OPEN 75400 [COOPC345 345] TO 75440 [COOPC115 115] CKT 1
5671.5	74435 E179 ST 138	74497 HG 6	138 1	-0.30038	331.8	222.0	BASE CASE
5672.5	79304 N.M.TAP 345	75400 COOPC345 345	1	-0.27928	-1277.8	1793.0	OPEN 74001 [ROCK TAV 345] TO 75400 [COOPC345 345] CKT 2
5700.4	INTERFACE F TO G			0.57709	3446.4	4527.0	BASE CASE
5710.2	INTERFACE F TO G			0.79233	4479.6	5971.0	OPEN 75400 [COOPC345 345] TO 74001 [ROCK TAV 345] CKT 2
							OPEN 75400 [COOPC345 345] TO 79304 [N.M.TAP 345] CKT 1
							OPEN 79304 [N.M.TAP 345] TO 74001 [ROCK TAV 345] CKT 1
5724.8	74001 ROCK TAV 345	75400 COOPC345 345	2	-0.26092	-1298.0	1793.0	OPEN 79304 [N.M.TAP 345] TO 75400 [COOPC345 345] CKT 1
							OPEN 74001 [ROCK TAV 345] TO 79304 [N.M.TAP 345] CKT 1
							OPEN 74002 [ROSETON 345] TO 74001 [ROCK TAV 345] CKT 1
5744.7	74001 ROCK TAV 345	74347 RAMAPO 345	1	0.30899	1576.7	2169.0	OPEN 74331 [FISHKILL 345] TO 74022 [E FISH I 115] CKT 1
							OPEN 74331 [FISHKILL 345] TO 74002 [ROSETON 345] CKT 1
5756.5	74001 ROCK TAV 345	74347 RAMAPO 345	1	0.30369	1583.3	2169.0	OPEN 74002 [ROSETON 345] TO 74331 [FISHKILL 345] CKT 1
5789.1	74345 RAINEY 345	74612 8W DUM 138	8	0.29973	-274.8	313.0	OPEN 74530 [RAINEY8E 138] TO 74611 [8E DUM 138] CKT 1
5789.7	74345 RAINEY 345	74612 8W DUM 138	8	0.29972	-275.0	313.0	OPEN 74530 [RAINEY8E 138] TO 74556 [VERNON-E 138] CKT 1
5808.6	74345 RAINEY 345	74612 8W DUM 138	8	0.22377	-203.2	240.0	BASE CASE
5823.4	79308 CHESTER 138	79323 SGRLF138 138	1	0.04943	205.8	304.4	OPEN 74001 [ROCK TAV 345] TO 74347 [RAMAPO 345] CKT 1
							OPEN 74001 [ROCK TAV 345] TO 74046 [ROCK TV1 115] CKT 1
5840.7	74001 ROCK TAV 345	75400 COOPC345 345	2	-0.27202	-1245.5	1793.0	OPEN 79304 [N.M.TAP 345] TO 75400 [COOPC345 345] CKT 1
							OPEN 79304 [N.M.TAP 345] TO 74001 [ROCK TAV 345] CKT 1
							OPEN 75400 [COOPC345 345] TO 75440 [COOPC115 115] CKT 2
5840.9	74001 ROCK TAV 345	75400 COOPC345 345	2	-0.27202	-1245.4	1793.0	OPEN 79304 [N.M.TAP 345] TO 75400 [COOPC345 345] CKT 1
							OPEN 79304 [N.M.TAP 345] TO 74001 [ROCK TAV 345] CKT 1
							OPEN 75400 [COOPC345 345] TO 75440 [COOPC115 115] CKT 1
5853.3	74345 RAINEY 345	74612 8W DUM 138	8	0.29973	-294.1	313.0	OPEN 74345 [RAINEY 345] TO 74611 [8E DUM 138] CKT 8
5881.6	*74345 RAINEY 345	74612 8W DUM 138	8	0.22377	-146.6	313.0	OPEN 74612 [8W DUM 138] TO 74728 [RYYGT81113.8] CKT 1
5893.5	74001 ROCK TAV 345	75400 COOPC345 345	2	-0.27309	-1228.9	1793.0	OPEN 79304 [N.M.TAP 345] TO 75400 [COOPC345 345] CKT 1
5958.0	79308 CHESTER 138	79323 SGRLF138 138	1	0.04567	207.1	304.4	OPEN 74001 [ROCK TAV 345] TO 74347 [RAMAPO 345] CKT 1
							OPEN 74347 [RAMAPO 345] TO 74312 [BUCH N 345] CKT 1
							OPEN 74410 [BUCHNTA5 138] TO 74312 [BUCH N 345] CKT 1

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*** TLTG TRANSFER LIMIT OUTPUT FOR INTERFACE MILLSCLOSE ***

<- INTERFACE 'MILLSCLOSE ' DEFINITION ->

<----- FROM ----->	<------ TO ------>	CKT	DISTR. FACTOR	PRE-SHIFT MW
74312 BUCH N 345	74317 E VIEW1 345	1	0.13287	949.1
74331 FISHKILL 345	74342 PL VILLE 345	1	0.18770	865.4
74341 MILLWOOD 345	74318 E VIEW2 345	1	0.16988	888.9
74341 MILLWOOD 345	74319 E VIEW3 345	1	0.16059	845.5
74341 MILLWOOD 345	74320 E VIEW4 345	1	0.16059	845.5
74355 WOOD A 345	74343 PL VILLW 345	1	0.18836	813.0
4989 HUDSON1 345	74328 FARRGUT1 345	1	0.00000	433.0
5039 HUDSON2 345	74329 FARRGUT2 345	1	0.00000	451.8
4996 LINDEN 230	74371 GOETHALS 230	1	0.00000	266.2
73166 NORHR138 138	75053 NRTHPT P 138	1	0.00000	101.8
75078 SHMHVDCL 192	75062 SHOREHAM 138	1	0.00000	329.5
TOTALS FOR INTERFACE MILLSCLOSE			1.00000	6789.7

TOTAL TRANS CAPAB	<----- FROM ----->	<------ TO ------>	CKT	DISTR. FACTOR	PRE-SHIFT MW	RATING BAS/CNT A/C	<---------- CONTINGENCY DESCRIPTION ---------->
1477.3	79319 RAMP138 138	79361 TALLMAN 138	1	0.02382	431.0	304.4	OPEN 74347 [RAMAPO 345] TO 74340 [LADENTWN 345] CKT 1
							OPEN 74340 [LADENTWN 345] TO 79300 [WHAV345 345] CKT 1
							OPEN 79300 [WHAV345 345] TO 74310 [BOWLINE1 345] CKT 10
							OPEN 79300 [WHAV345 345] TO 79325 [WHAV138 138] CKT 1
							OPEN 79391 [BOW1 20.0] TO 74310 [BOWLINE1 345] CKT 1
							REDUCE BUS 79391 [BOW1 20.0] GENERATION BY 100 PERCENT DISPATCH
3881.2	74018 SUGARLF 115	74046 ROCK TV1 115	1	-0.02084	-278.6	218.0	OPEN 79304 [N.M.TAP 345] TO 79322 [SHOEMTAP 138] CKT 1
3881.3	74018 SUGARLF 115	74046 ROCK TV1 115	1	-0.02084	-278.6	218.0	OPEN 79321 [SHOEM138 138] TO 79322 [SHOEMTAP 138] CKT 1
3928.3	74018 SUGARLF 115	79359 SGRLF69 69.0	1	0.02084	277.6	218.0	OPEN 79304 [N.M.TAP 345] TO 79322 [SHOEMTAP 138] CKT 1
3928.3	74018 SUGARLF 115	79359 SGRLF69 69.0	1	0.02084	277.6	218.0	OPEN 79321 [SHOEM138 138] TO 79322 [SHOEMTAP 138] CKT 1
4256.4	79313 MONSEY 138	79361 TALLMAN 138	1	-0.02383	-364.8	304.4	OPEN 74347 [RAMAPO 345] TO 74340 [LADENTWN 345] CKT 1
							OPEN 74340 [LADENTWN 345] TO 79300 [WHAV345 345] CKT 1
							OPEN 79300 [WHAV345 345] TO 74310 [BOWLINE1 345] CKT 10
							OPEN 79300 [WHAV345 345] TO 79325 [WHAV138 138] CKT 1
							OPEN 79391 [BOW1 20.0] TO 74310 [BOWLINE1 345] CKT 1
							REDUCE BUS 79391 [BOW1 20.0] GENERATION BY 100 PERCENT DISPATCH
4341.1	74018 SUGARLF 115	74046 ROCK TV1 115	1	-0.02125	-270.0	218.0	OPEN 79304 [N.M.TAP 345] TO 75400 [COOPC345 345] CKT 1
							OPEN 74001 [ROCK TAV 345] TO 79304 [N.M.TAP 345] CKT 1
							OPEN 74002 [ROSETON 345] TO 74001 [ROCK TAV 345] CKT 1
4387.1	74018 SUGARLF 115	79359 SGRLF69 69.0	1	0.02125	269.1	218.0	OPEN 79304 [N.M.TAP 345] TO 75400 [COOPC345 345] CKT 1
							OPEN 74001 [ROCK TAV 345] TO 79304 [N.M.TAP 345] CKT 1
							OPEN 74002 [ROSETON 345] TO 74001 [ROCK TAV 345] CKT 1
5770.1	74018 SUGARLF 115	74046 ROCK TV1 115	1	-0.02325	-241.7	218.0	OPEN 74001 [ROCK TAV 345] TO 74347 [RAMAPO 345] CKT 1
							OPEN 74347 [RAMAPO 345] TO 74312 [BUCH N 345] CKT 1
							OPEN 74410 [BUCHNTA5 138] TO 74312 [BUCH N 345] CKT 1
5812.3	74018 SUGARLF 115	79359 SGRLF69 69.0	1	0.02325	240.7	218.0	OPEN 74001 [ROCK TAV 345] TO 74347 [RAMAPO 345] CKT 1
							OPEN 74347 [RAMAPO 345] TO 74312 [BUCH N 345] CKT 1
							OPEN 74410 [BUCHNTA5 138] TO 74312 [BUCH N 345] CKT 1

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*** TLTG TRANSFER LIMIT OUTPUT FOR INTERFACE MILLSCLOSE ***

TOTAL TRANS CAPAB	<---------- LIMITING ELEMENT ----------> FROM	TO	CKT	DISTR. FACTOR	PRE-SHIFT MW	RATING BAS/CNT A/C	<---------- CONTINGENCY DESCRIPTION ---------->
5846.4	79311 BURNS138 138	79313 MONSEY 138	1	-0.02382	-326.9	304.4	OPEN 74347 [RAMAPO 345] TO 74340 [LADENTWN 345] CKT 1
							OPEN 74340 [LADENTWN 345] TO 79300 [WHAV345 345] CKT 1
							OPEN 79300 [WHAV345 345] TO 74310 [BOWLINE1 345] CKT 10
							OPEN 79300 [WHAV345 345] TO 79325 [WHAV138 138] CKT 1
							OPEN 79391 [BOW1 20.0] TO 74310 [BOWLINE1 345] CKT 1
							REDUCE BUS 79391 [BOW1 20.0] GENERATION BY 100 PERCENT DISPATCH
5970.1	79303 SMAHWAH2 345	5028 WALDWICK 345	1	0.04166	623.1	589.0	OPEN 74340 [LADENTWN 345] TO 74313 [BUCH S 345] CKT 1
							OPEN 74347 [RAMAPO 345] TO 74312 [BUCH N 345] CKT 1
							OPEN 74410 [BUCHNTA5 138] TO 74312 [BUCH N 345] CKT 1
6211.6	*74018 SUGARLF 115	74046 ROCK TV1 115	1	-0.02547	-232.7	218.0	OPEN 74001 [ROCK TAV 345] TO 74347 [RAMAPO 345] CKT 1
6250.1	*74018 SUGARLF 115	79359 SGRLF69 69.0	1	0.02547	231.7	218.0	OPEN 74001 [ROCK TAV 345] TO 74347 [RAMAPO 345] CKT 1
6842.6	74344 PLTVLLEY 345	78701 LEEDS 3 345	2	-0.28819	-1708.8	1724.0	OPEN 74344 [PLTVLLEY 345] TO 78705 [ATHENS 345] CKT 1
6976.2	74344 PLTVLLEY 345	78705 ATHENS 345	1	-0.28029	-1671.7	1724.0	OPEN 74344 [PLTVLLEY 345] TO 78701 [LEEDS 3 345] CKT 2
7023.3	74344 PLTVLLEY 345	78701 LEEDS 3 345	2	-0.27640	-1659.4	1724.0	OPEN 78705 [ATHENS 345] TO 74344 [PLTVLLEY 345] CKT 1
							OPEN 74344 [PLTVLLEY 345] TO 74341 [MILLWOOD 345] CKT 1
7029.0	74344 PLTVLLEY 345	78701 LEEDS 3 345	2	-0.27668	-1657.8	1724.0	OPEN 78705 [ATHENS 345] TO 74344 [PLTVLLEY 345] CKT 1
							OPEN 74344 [PLTVLLEY 345] TO 74356 [WOOD B 345] CKT 1
7167.2	74344 PLTVLLEY 345	78705 ATHENS 345	1	-0.26915	-1622.4	1724.0	OPEN 78701 [LEEDS 3 345] TO 74344 [PLTVLLEY 345] CKT 2
							OPEN 74344 [PLTVLLEY 345] TO 74356 [WOOD B 345] CKT 1
7196.6	79308 CHESTER 138	79321 SHOEM138 138	1	-0.05338	-282.7	304.4	OPEN 74001 [ROCK TAV 345] TO 74347 [RAMAPO 345] CKT 1
							OPEN 74001 [ROCK TAV 345] TO 74046 [ROCK TV1 115] CKT 1
							OPEN 74046 [ROCK TV1 115] TO 74018 [SUGARLF 115] CKT 1
7274.9	74344 PLTVLLEY 345	78705 ATHENS 345	1	-0.26253	-1596.6	1724.0	OPEN 78701 [LEEDS 3 345] TO 74344 [PLTVLLEY 345] CKT 2
							OPEN 78702 [N.SCOT77 345] TO 78701 [LEEDS 3 345] CKT 1
7462.3	74344 PLTVLLEY 345	78701 LEEDS 3 345	2	-0.20243	-1194.8	1331.0	BASE CASE
7516.9	*74344 PLTVLLEY 345	78701 LEEDS 3 345	2	-0.27107	-1526.9	1724.0	OPEN 79583 [MARCY T1 345] TO 75400 [COOPC345 345] CKT 1
							OPEN 75403 [FRASR345 345] TO 75400 [COOPC345 345] CKT 1
7706.7	74344 PLTVLLEY 345	78705 ATHENS 345	1	-0.19264	-1154.4	1331.0	BASE CASE
7773.1	*74344 PLTVLLEY 345	78705 ATHENS 345	1	-0.25796	-1470.3	1724.0	OPEN 79583 [MARCY T1 345] TO 75400 [COOPC345 345] CKT 1
							OPEN 75403 [FRASR345 345] TO 75400 [COOPC345 345] CKT 1
7802.0	74316 DUNWODIE 345	75000 SHORE RD 345	1	0.17909	505.7	687.0	BASE CASE
7933.7	79308 CHESTER 138	79323 SGRLF138 138	1	0.05338	243.3	304.4	OPEN 74001 [ROCK TAV 345] TO 74347 [RAMAPO 345] CKT 1
							OPEN 74001 [ROCK TAV 345] TO 74046 [ROCK TV1 115] CKT 1
							OPEN 74046 [ROCK TV1 115] TO 74018 [SUGARLF 115] CKT 1
7944.8	79304 N.M.TAP 345	79322 SHOEMTAP 138	1	0.06671	589.9	667.0	OPEN 74001 [ROCK TAV 345] TO 74347 [RAMAPO 345] CKT 1
							OPEN 74001 [ROCK TAV 345] TO 74046 [ROCK TV1 115] CKT 1
							OPEN 74046 [ROCK TV1 115] TO 74018 [SUGARLF 115] CKT 1
7989.1	79308 CHESTER 138	79321 SHOEM138 138	1	-0.04943	-245.1	304.4	OPEN 74001 [ROCK TAV 345] TO 74347 [RAMAPO 345] CKT 1
							OPEN 74001 [ROCK TAV 345] TO 74046 [ROCK TV1 115] CKT 1
8058.2	79308 CHESTER 138	79321 SHOEM138 138	1	-0.04567	-246.5	304.4	OPEN 74001 [ROCK TAV 345] TO 74347 [RAMAPO 345] CKT 1
							OPEN 74347 [RAMAPO 345] TO 74312 [BUCH N 345] CKT 1
							OPEN 74410 [BUCHNTA5 138] TO 74312 [BUCH N 345] CKT 1
8096.0	74403 ASTORIAW 138	74496 HG 5 138	1	0.15303	-22.9	177.0	BASE CASE
8146.1	74403 ASTORIAW 138	74497 HG 6 138	1	0.14506	-19.8	177.0	BASE CASE
8184.9	79319 RAMP138 138	79361 TALLMAN 138	1	0.06148	218.6	304.4	OPEN 74347 [RAMAPO 345] TO 74340 [LADENTWN 345] CKT 1
							OPEN 74347 [RAMAPO 345] TO 74312 [BUCH N 345] CKT 1
							OPEN 74410 [BUCHNTA5 138] TO 74312 [BUCH N 345] CKT 1

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*** TLTG TRANSFER LIMIT OUTPUT FOR INTERFACE MILLSCLOSE ***

TOTAL TRANS CAPAB	<---------- LIMITING ELEMENT ----------> FROM	TO	CKT	DISTR. FACTOR	PRE-SHIFT MW	RATING BAS/CNT A/C	<---------- CONTINGENCY DESCRIPTION ---------->
8185.1	79308 CHESTER 138	79321 SHOEM138 138	1	-0.04915	-235.8	304.4	OPEN 74001 [ROCK TAV 345] TO 75400 [COOPC345 345] CKT 2
							OPEN 74001 [ROCK TAV 345] TO 74347 [RAMAPO 345] CKT 1
8196.6	74345 RAINEY 345	74691 S. BRONX 345	4	-0.41403	-498.5	1081.0	OPEN 74345 [RAINEY 345] TO 74691 [S. BRONX 345] CKT 3
8196.6	74345 RAINEY 345	74691 S. BRONX 345	3	-0.41403	-498.5	1081.0	OPEN 74345 [RAINEY 345] TO 74691 [S. BRONX 345] CKT 4
8241.8	*79308 CHESTER 138	79321 SHOEM138 138	1	-0.04867	-233.7	304.4	OPEN 74001 [ROCK TAV 345] TO 74347 [RAMAPO 345] CKT 1
8264.8	74650 REAC71 345	74691 S. BRONX 345	3	0.21079	404.1	715.0	BASE CASE
8264.8	74651 REAC72 345	74691 S. BRONX 345	4	0.21079	404.1	715.0	BASE CASE
8264.8	74316 DUNWODIE 345	74651 REAC72 345	SR	0.21079	404.0	715.0	BASE CASE
8264.8	74316 DUNWODIE 345	74650 REAC71 345	SR	0.21079	404.0	715.0	BASE CASE
8273.2	79303 SMAHWAH2 345	5028 WALDWICK 345	1	0.03550	536.3	589.0	OPEN 74347 [RAMAPO 345] TO 74340 [LADENTWN 345] CKT 1
							OPEN 74347 [RAMAPO 345] TO 74312 [BUCH N 345] CKT 1
							OPEN 74410 [BUCHNTA5 138] TO 74312 [BUCH N 345] CKT 1
8525.0	74348 SPRBROOK 345	74567 REACM51 345	SR	0.19963	427.6	774.0	BASE CASE
8525.0	74348 SPRBROOK 345	74568 REACM52 345	SR	0.19963	427.6	774.0	BASE CASE
8529.7	INTERFACE F TO G			0.80812	4564.9	5971.0	OPEN 79583 [MARCY T1 345] TO 75400 [COOPC345 345] CKT 1
							OPEN 75403 [FRASR345 345] TO 75400 [COOPC345 345] CKT 1
8533.6	74354 W 49 ST 345	74567 REACM51 345	1	-0.19963	-425.9	774.0	BASE CASE
8533.6	74354 W 49 ST 345	74568 REACM52 345	2	-0.19963	-425.9	774.0	BASE CASE
8539.8	79321 SHOEM138 138	79322 SHOEMTAP 138	1	-0.06671	-589.9	706.7	OPEN 74001 [ROCK TAV 345] TO 74347 [RAMAPO 345] CKT 1
							OPEN 74001 [ROCK TAV 345] TO 74046 [ROCK TV1 115] CKT 1
							OPEN 74046 [ROCK TV1 115] TO 74018 [SUGARLF 115] CKT 1
8566.2	74403 ASTORIAW 138	74496 HG 5 138	1	0.29390	-42.1	480.0	OPEN 74403 [ASTORIAW 138] TO 74497 [HG 6 138] CKT 1
8568.5	74403 ASTORIAW 138	74497 HG 6 138	1	0.29343	-42.0	480.0	OPEN 74403 [ASTORIAW 138] TO 74496 [HG 5 138] CKT 1
8575.3	74002 ROSETON 345	74331 FISHKILL 345	1	0.20033	1577.3	1935.0	BASE CASE
8621.7	79304 N.M.TAP 345	75400 COOPC345 345	1	-0.27950	-1281.0	1793.0	OPEN 74001 [ROCK TAV 345] TO 75400 [COOPC345 345] CKT 2
							OPEN 75400 [COOPC345 345] TO 75440 [COOPC115 115] CKT 1
8633.3	74435 E179 ST 138	74497 HG 6 138	1	-0.30038	331.8	222.0	BASE CASE
8634.3	79304 N.M.TAP 345	75400 COOPC345 345	1	-0.27928	-1277.8	1793.0	OPEN 74001 [ROCK TAV 345] TO 75400 [COOPC345 345] CKT 2
8662.2	INTERFACE F TO G			0.57711	3446.4	4527.0	BASE CASE
8672.0	INTERFACE F TO G			0.79235	4479.6	5971.0	OPEN 75400 [COOPC345 345] TO 74001 [ROCK TAV 345] CKT 2
							OPEN 75400 [COOPC345 345] TO 79304 [N.M.TAP 345] CKT 1
							OPEN 79304 [N.M.TAP 345] TO 74001 [ROCK TAV 345] CKT 1
8686.6	74001 ROCK TAV 345	75400 COOPC345 345	2	-0.26093	-1298.0	1793.0	OPEN 79304 [N.M.TAP 345] TO 75400 [COOPC345 345] CKT 1
							OPEN 74001 [ROCK TAV 345] TO 79304 [N.M.TAP 345] CKT 1
							OPEN 74002 [ROSETON 345] TO 74001 [ROCK TAV 345] CKT 1
8706.5	74001 ROCK TAV 345	74347 RAMAPO 345	1	0.30900	1576.7	2169.0	OPEN 74331 [FISHKILL 345] TO 74022 [E FISH I 115] CKT 1
							OPEN 74331 [FISHKILL 345] TO 74002 [ROSETON 345] CKT 1
8718.3	74001 ROCK TAV 345	74347 RAMAPO 345	1	0.30370	1583.3	2169.0	OPEN 74002 [ROSETON 345] TO 74331 [FISHKILL 345] CKT 1
8750.9	74345 RAINEY 345	74612 8W DUM 138	8	0.29973	-274.8	313.0	OPEN 74530 [RAINEY8E 138] TO 74611 [8E DUM 138] CKT 1
8751.5	74345 RAINEY 345	74612 8W DUM 138	8	0.29973	-275.0	313.0	OPEN 74530 [RAINEY8E 138] TO 74556 [VERNON-E 138] CKT 1
8770.4	74345 RAINEY 345	74612 8W DUM 138	8	0.22377	-203.2	240.0	BASE CASE
8785.2	79308 CHESTER 138	79323 SGRLF138 138	1	0.04943	205.8	304.4	OPEN 74001 [ROCK TAV 345] TO 74347 [RAMAPO 345] CKT 1
							OPEN 74001 [ROCK TAV 345] TO 74046 [ROCK TV1 115] CKT 1
8802.5	74001 ROCK TAV 345	75400 COOPC345 345	2	-0.27203	-1245.5	1793.0	OPEN 79304 [N.M.TAP 345] TO 75400 [COOPC345 345] CKT 1
							OPEN 79304 [N.M.TAP 345] TO 74001 [ROCK TAV 345] CKT 1
							OPEN 75400 [COOPC345 345] TO 75440 [COOPC115 115] CKT 2

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*** TLTG EXPORT LIMIT OUTPUT FOR BASE CASE ***

DISTRIBUTION FACTOR FILE: C:\NYISO\CRPP4\ds.dfx
SUBSYSTEM DESCRIPTION FILE: C:\NYISO\CRPP\sysds.sub
MONITORED ELEMENT FILE: C:\NYISO\CRPP\mondsM29.mon
CONTINGENCY DESCRIPTION FILE: C:\NYISO\CRPP\contds1.con

	PRE-SHIFT	DELTA	POST-SHIFT
STUDY SYSTEM MW GENERATION:	717.4	1000.0	1717.4
OPPOSING SYSTEM MW GENERATION:	3397.0	-1000.0	2397.0
STUDY SYSTEM NET INTERCHANGE:	700.1	1000.0	1700.1

STUDY SYSTEM		GENERATOR MW			OPPOSING SYSTEM		GENERATOR MW		
BUS	BUS NAME	BASE	SHIFT	CHANGE	BUS	BUS NAME	BASE	SHIFT	CHANGE
80900	LAKEVWG518.0	211.9	661.9	450.0	74700	AK 3	22.0	491.0	351.0	-140.0
81422	LENNOXG220.0	505.5	1055.5	550.0	74702	RAV 3	22.0	972.0	572.0	-400.0
					74703	AK 2	20.0	334.0	274.0	-60.0
					74708	RAV 2	20.0	385.0	285.0	-100.0
					74709	COGENGT113.8		78.0	38.0	-40.0
					74710	COGENGT213.8		78.0	38.0	-40.0
					74711	COGENGT313.8		78.0	38.0	-40.0
					74712	COGENGT413.8		78.0	38.0	-40.0
					74713	COGENGT513.8		78.0	38.0	-40.0
					74714	COGENST113.8		85.0	65.0	-20.0
					74907	NRTPTG2 22.0		380.0	340.0	-40.0
					74908	NRTPTG3 22.0		360.0	320.0	-40.0

LOADINGS AT OR ABOVE 100.0 %
OF RATING ARE MARKED WITH '*'

FROM		TO		CKT	TOTAL TRANS CAPAB	BASE CASE RATING A	PRE-SHIFT MW	POST-SHIFT MW	LIMIT CASE MW	DISTR. FACTOR
74650	REAC71 345	74691	S. BRONX 345	3	2026.3	715	404.1	638.5	715.0*	0.23446
74651	REAC72 345	74691	S. BRONX 345	4	2026.3	715	404.1	638.5	715.0*	0.23446
74316	DUNWODIE 345	74650	REAC71 345	SR	2026.3	715	404.0	638.5	715.0	0.23446
74316	DUNWODIE 345	74651	REAC72 345	SR	2026.3	715	404.0	638.5	715.0	0.23446
74484	GRENWOOD 138	74504	KENTTAP 138	1	2234.6	179	-132.8	-162.9	-172.7	-0.03009
74348	SPRBROOK 345	74567	REACM51 345	SR	2234.6	774	427.6	653.3	727.0	0.22574
74348	SPRBROOK 345	74568	REACM52 345	SR	2234.6	774	427.6	653.3	727.0	0.22574
74354	W 49 ST 345	74568	REACM52 345	2	2242.2	774	-425.9	-651.6	-725.2	-0.22574
74354	W 49 ST 345	74567	REACM51 345	1	2242.2	774	-425.9	-651.6	-725.2	-0.22574
74484	GRENWOOD 138	74556	VERNON-E 138	1	2322.5	179	-130.4	-160.4	-170.1	-0.02994
	INTERFACE I TO J				2602.3	4026	2275.1	3195.5	3495.8	0.92041
74345	RAINEY 345	74691	S. BRONX 345	4	2667.1	715	-253.8	-488.3	-564.8	-0.23446
74345	RAINEY 345	74691	S. BRONX 345	3	2667.1	715	-253.8	-488.3	-564.8	-0.23446
	INTERFACE DUNW-SOUTH P				2704.0	5421	3418.0	4417.6	4743.6	0.99953
	INTERFACE DUNW-SOUTH O				2861.8	4554	2564.3	3484.7	3785.0	0.92041
74316	DUNWODIE 345	75000	SHORE RD 345	1	2991.3	687	505.7	584.8	610.6	0.07913
74504	KENTTAP 138	74557	VERNON-W 138	1	3555.2	179	-93.1	-123.2	-133.0	-0.03009
74322	E15ST 45 345	74354	W 49 ST 345	1	5099.5	774	222.5	-4.0	-77.9	-0.22650

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*** TLTG TRANSFER LIMIT OUTPUT FOR INTERFACE DUNW-SOUTH P ***

<- INTERFACE 'DUNW-SOUTH P' DEFINITION ->

<----- FROM ----->	<------ TO ------>	CKT	DISTR. FACTOR	PRE-SHIFT MW
74316 DUNWODIE 345	75000 SHORE RD 345	1	0.07916	505.7
74348 SPRBROOK 345	74351 TREMONT 345	1	0.00000	357.1
74349 REACBUS 345	79607 DVNPT NK 345	1	0.00000	637.2
74420 DUN NO1R 138	74533 S CREEK 138	1	0.00000	64.6
74421 DUN NO2R 138	74533 S CREEK 138	1	0.00000	64.7
74424 DUN SO1R 138	74435 E179 ST 138	1	0.00000	128.9
74650 REAC71 345	74691 S. BRONX 345	3	0.23457	404.1
74651 REAC72 345	74691 S. BRONX 345	4	0.23457	404.1
74567 REACM51 345	74354 W 49 ST 345	1	0.22585	425.9
74568 REACM52 345	74354 W 49 ST 345	2	0.22585	425.9
TOTALS FOR INTERFACE DUNW-SOUTH P			1.00000	3418.0

TOTAL TRANS CAPAB	<---------- LIMITING ELEMENT ----------> <----- FROM ----->	<------ TO ------>	CKT	DISTR. FACTOR	PRE-SHIFT MW	RATING BAS/CNT A/C	<---------- CONTINGENCY DESCRIPTION ---------->
4743.6	74650 REAC71 345	74691 S. BRONX 345	3	0.23457	404.1	715.0	BASE CASE
4743.6	74651 REAC72 345	74691 S. BRONX 345	4	0.23457	404.1	715.0	BASE CASE
4743.6	74316 DUNWODIE 345	74651 REAC72 345	SR	0.23457	404.0	715.0	BASE CASE
4743.6	74316 DUNWODIE 345	74650 REAC71 345	SR	0.23457	404.0	715.0	BASE CASE
4951.9	74484 GRENWOOD 138	74504 KENTTAP 138	1	-0.03010	-132.8	179.0	BASE CASE
4951.9	74348 SPRBROOK 345	74568 REACM52 345	SR	0.22585	427.6	774.0	BASE CASE
4951.9	74348 SPRBROOK 345	74567 REACM51 345	SR	0.22585	427.6	774.0	BASE CASE
4959.5	74354 W 49 ST 345	74568 REACM52 345	2	-0.22585	-425.9	774.0	BASE CASE
4959.5	74354 W 49 ST 345	74567 REACM51 345	1	-0.22585	-425.9	774.0	BASE CASE
5039.7	74484 GRENWOOD 138	74556 VERNON-E 138	1	-0.02995	-130.4	179.0	BASE CASE
5319.4	INTERFACE I TO J			0.92084	2275.1	4026.0	BASE CASE
5384.2	74345 RAINEY 345	74691 S. BRONX 345	4	-0.23457	-253.8	715.0	BASE CASE
5384.2	74345 RAINEY 345	74691 S. BRONX 345	3	-0.23457	-253.8	715.0	BASE CASE
5421.0	INTERFACE DUNW-SOUTH P			1.00000	3418.0	5421.0	BASE CASE
5515.0	74316 DUNWODIE 345	74650 REAC71 345	SR	0.27839	497.2	1081.0	OPEN 74348 [SPRBROOK 345] TO 74567 [REACM51 345] CKT SR
							OPEN 74567 [REACM51 345] TO 74354 [W 49 ST 345] CKT 1
							OPEN 74348 [SPRBROOK 345] TO 74419 [DUN NO T 138] CKT 6
5515.0	74316 DUNWODIE 345	74650 REAC71 345	SR	0.27839	497.2	1081.0	OPEN 74348 [SPRBROOK 345] TO 74568 [REACM52 345] CKT SR
							OPEN 74568 [REACM52 345] TO 74354 [W 49 ST 345] CKT 2
							OPEN 74348 [SPRBROOK 345] TO 74419 [DUN NO T 138] CKT 6
5515.0	74316 DUNWODIE 345	74651 REAC72 345	SR	0.27839	497.2	1081.0	OPEN 74348 [SPRBROOK 345] TO 74568 [REACM52 345] CKT SR
							OPEN 74568 [REACM52 345] TO 74354 [W 49 ST 345] CKT 2
							OPEN 74348 [SPRBROOK 345] TO 74419 [DUN NO T 138] CKT 6
5515.0	74316 DUNWODIE 345	74651 REAC72 345	SR	0.27839	497.2	1081.0	OPEN 74348 [SPRBROOK 345] TO 74567 [REACM51 345] CKT SR
							OPEN 74567 [REACM51 345] TO 74354 [W 49 ST 345] CKT 1
							OPEN 74348 [SPRBROOK 345] TO 74419 [DUN NO T 138] CKT 6
5515.0	74651 REAC72 345	74691 S. BRONX 345	4	0.27839	497.2	1081.0	OPEN 74348 [SPRBROOK 345] TO 74568 [REACM52 345] CKT SR
							OPEN 74568 [REACM52 345] TO 74354 [W 49 ST 345] CKT 2
							OPEN 74348 [SPRBROOK 345] TO 74419 [DUN NO T 138] CKT 6
5515.0	74650 REAC71 345	74691 S. BRONX 345	3	0.27839	497.2	1081.0	OPEN 74348 [SPRBROOK 345] TO 74567 [REACM51 345] CKT SR
							OPEN 74567 [REACM51 345] TO 74354 [W 49 ST 345] CKT 1
							OPEN 74348 [SPRBROOK 345] TO 74419 [DUN NO T 138] CKT 6

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*** TLTG TRANSFER LIMIT OUTPUT FOR INTERFACE DUNW-SOUTH O ***

<- INTERFACE 'DUNW-SOUTH O' DEFINITION ->

<----- FROM ----->	<------ TO ------>	CKT	DISTR. FACTOR	PRE-SHIFT MW
74348 SPRBROOK 345	74351 TREMONT 345	1	0.00000	357.1
74420 DUN NO1R 138	74533 S CREEK 138	1	0.00000	64.6
74421 DUN NO2R 138	74533 S CREEK 138	1	0.00000	64.7
74424 DUN SO1R 138	74435 E179 ST 138	1	0.00000	128.9
74650 REAC71 345	74691 S. BRONX 345	3	0.25474	404.1
74651 REAC72 345	74691 S. BRONX 345	4	0.25474	404.1
74567 REACM51 345	74354 W 49 ST 345	1	0.24526	425.9
74568 REACM52 345	74354 W 49 ST 345	2	0.24526	425.9
75047 L SUCSPH 138	74505 JAMAICA 138	1	0.00000	147.8
75067 V STRM P 138	74505 JAMAICA 138	1	0.00000	141.4
TOTALS FOR INTERFACE DUNW-SOUTH O			1.00000	2564.3

TOTAL TRANS CAPAB	<---------- LIMITING ELEMENT ----------> <----- FROM ----->	<------ TO ------>	CKT	DISTR. FACTOR	PRE-SHIFT MW	RATING BAS/CNT A/C	<---------- CONTINGENCY DESCRIPTION ---------->
3785.0	74650 REAC71 345	74691 S. BRONX 345	3	0.25474	404.1	715.0	BASE CASE
3785.0	74651 REAC72 345	74691 S. BRONX 345	4	0.25474	404.1	715.0	BASE CASE
3785.0	74316 DUNWODIE 345	74651 REAC72 345	SR	0.25474	404.0	715.0	BASE CASE
3785.0	74316 DUNWODIE 345	74650 REAC71 345	SR	0.25474	404.0	715.0	BASE CASE
3976.7	74484 GRENWOOD 138	74504 KENTTAP 138	1	-0.03269	-132.8	179.0	BASE CASE
3976.7	74348 SPRBROOK 345	74568 REACM52 345	SR	0.24526	427.6	774.0	BASE CASE
3976.7	74348 SPRBROOK 345	74567 REACM51 345	SR	0.24526	427.6	774.0	BASE CASE
3983.7	74354 W 49 ST 345	74568 REACM52 345	2	-0.24526	-425.9	774.0	BASE CASE
3983.7	74354 W 49 ST 345	74567 REACM51 345	1	-0.24526	-425.9	774.0	BASE CASE
4057.6	74484 GRENWOOD 138	74556 VERNON-E 138	1	-0.03252	-130.4	179.0	BASE CASE
4315.2	INTERFACE I TO J			1.00000	2275.1	4026.0	BASE CASE
4374.8	74345 RAINEY 345	74691 S. BRONX 345	4	-0.25474	-253.8	715.0	BASE CASE
4374.8	74345 RAINEY 345	74691 S. BRONX 345	3	-0.25474	-253.8	715.0	BASE CASE
4408.7	INTERFACE DUNW-SOUTH P			1.08597	3418.0	5421.0	BASE CASE
4495.2	74316 DUNWODIE 345	74650 REAC71 345	SR	0.30232	497.2	1081.0	OPEN 74348 [SPRBROOK 345] TO 74567 [REACM51 345] CKT SR
							OPEN 74567 [REACM51 345] TO 74354 [W 49 ST 345] CKT 1
							OPEN 74348 [SPRBROOK 345] TO 74419 [DUN NO T 138] CKT 6
4495.2	74316 DUNWODIE 345	74650 REAC71 345	SR	0.30232	497.2	1081.0	OPEN 74348 [SPRBROOK 345] TO 74568 [REACM52 345] CKT SR
							OPEN 74568 [REACM52 345] TO 74354 [W 49 ST 345] CKT 2
							OPEN 74348 [SPRBROOK 345] TO 74419 [DUN NO T 138] CKT 6
4495.2	74316 DUNWODIE 345	74651 REAC72 345	SR	0.30232	497.2	1081.0	OPEN 74348 [SPRBROOK 345] TO 74568 [REACM52 345] CKT SR
							OPEN 74568 [REACM52 345] TO 74354 [W 49 ST 345] CKT 2
							OPEN 74348 [SPRBROOK 345] TO 74419 [DUN NO T 138] CKT 6
4495.2	74316 DUNWODIE 345	74651 REAC72 345	SR	0.30232	497.2	1081.0	OPEN 74348 [SPRBROOK 345] TO 74567 [REACM51 345] CKT SR
							OPEN 74567 [REACM51 345] TO 74354 [W 49 ST 345] CKT 1
							OPEN 74348 [SPRBROOK 345] TO 74419 [DUN NO T 138] CKT 6
4495.3	74651 REAC72 345	74691 S. BRONX 345	4	0.30232	497.2	1081.0	OPEN 74348 [SPRBROOK 345] TO 74568 [REACM52 345] CKT SR
							OPEN 74568 [REACM52 345] TO 74354 [W 49 ST 345] CKT 2
							OPEN 74348 [SPRBROOK 345] TO 74419 [DUN NO T 138] CKT 6
4495.3	74650 REAC71 345	74691 S. BRONX 345	3	0.30232	497.2	1081.0	OPEN 74348 [SPRBROOK 345] TO 74567 [REACM51 345] CKT SR
							OPEN 74567 [REACM51 345] TO 74354 [W 49 ST 345] CKT 1
							OPEN 74348 [SPRBROOK 345] TO 74419 [DUN NO T 138] CKT 6

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*** TLTG TRANSFER LIMIT OUTPUT FOR INTERFACE I TO J ***

<- INTERFACE 'I TO J ' DEFINITION ->

<----- FROM ----->	<------ TO ------>	CKT	DISTR. FACTOR	PRE-SHIFT MW
74348 SPRBROOK 345	74351 TREMONT 345	1	0.00000	357.1
74420 DUN NO1R 138	74533 S CREEK 138	1	0.00000	64.6
74421 DUN NO2R 138	74533 S CREEK 138	1	0.00000	64.7
74424 DUN SO1R 138	74435 E179 ST 138	1	0.00000	128.9
74650 REAC71 345	74691 S. BRONX 345	3	0.25474	404.1
74651 REAC72 345	74691 S. BRONX 345	4	0.25474	404.1
74567 REACM51 345	74354 W 49 ST 345	1	0.24526	425.9
74568 REACM52 345	74354 W 49 ST 345	2	0.24526	425.9
TOTALS FOR INTERFACE I TO J			1.00000	2275.1

TOTAL TRANS CAPAB	<---------- LIMITING ELEMENT ----------> <----- FROM ----->	<------ TO ------>	CKT	DISTR. FACTOR	PRE-SHIFT MW	RATING BAS/CNT A/C	<---------- CONTINGENCY DESCRIPTION ---------->
3495.8	74650 REAC71 345	74691 S. BRONX 345	3	0.25474	404.1	715.0	BASE CASE
3495.8	74651 REAC72 345	74691 S. BRONX 345	4	0.25474	404.1	715.0	BASE CASE
3495.8	74316 DUNWODIE 345	74651 REAC72 345	SR	0.25474	404.0	715.0	BASE CASE
3495.8	74316 DUNWODIE 345	74650 REAC71 345	SR	0.25474	404.0	715.0	BASE CASE
3687.5	74484 GRENWOOD 138	74504 KENTTAP 138	1	-0.03269	-132.8	179.0	BASE CASE
3687.5	74348 SPRBROOK 345	74568 REACM52 345	SR	0.24526	427.6	774.0	BASE CASE
3687.5	74348 SPRBROOK 345	74567 REACM51 345	SR	0.24526	427.6	774.0	BASE CASE
3694.6	74354 W 49 ST 345	74568 REACM52 345	2	-0.24526	-425.9	774.0	BASE CASE
3694.6	74354 W 49 ST 345	74567 REACM51 345	1	-0.24526	-425.9	774.0	BASE CASE
3768.4	74484 GRENWOOD 138	74556 VERNON-E 138	1	-0.03252	-130.4	179.0	BASE CASE
4026.0	INTERFACE I TO J			1.00000	2275.1	4026.0	BASE CASE
4085.6	74345 RAINEY 345	74691 S. BRONX 345	4	-0.25474	-253.8	715.0	BASE CASE
4085.6	74345 RAINEY 345	74691 S. BRONX 345	3	-0.25474	-253.8	715.0	BASE CASE
4119.5	INTERFACE DUNW-SOUTH P			1.08597	3418.0	5421.0	BASE CASE
4206.1	74316 DUNWODIE 345	74650 REAC71 345	SR	0.30232	497.2	1081.0	OPEN 74348 [SPRBROOK 345] TO 74567 [REACM51 345] CKT SR OPEN 74567 [REACM51 345] TO 74354 [W 49 ST 345] CKT 1 OPEN 74348 [SPRBROOK 345] TO 74419 [DUN NO T 138] CKT 6
4206.1	74316 DUNWODIE 345	74650 REAC71 345	SR	0.30232	497.2	1081.0	OPEN 74348 [SPRBROOK 345] TO 74568 [REACM52 345] CKT SR OPEN 74568 [REACM52 345] TO 74354 [W 49 ST 345] CKT 2 OPEN 74348 [SPRBROOK 345] TO 74419 [DUN NO T 138] CKT 6
4206.1	74316 DUNWODIE 345	74651 REAC72 345	SR	0.30232	497.2	1081.0	OPEN 74348 [SPRBROOK 345] TO 74568 [REACM52 345] CKT SR OPEN 74568 [REACM52 345] TO 74354 [W 49 ST 345] CKT 2 OPEN 74348 [SPRBROOK 345] TO 74419 [DUN NO T 138] CKT 6
4206.1	74316 DUNWODIE 345	74651 REAC72 345	SR	0.30232	497.2	1081.0	OPEN 74348 [SPRBROOK 345] TO 74567 [REACM51 345] CKT SR OPEN 74567 [REACM51 345] TO 74354 [W 49 ST 345] CKT 1 OPEN 74348 [SPRBROOK 345] TO 74419 [DUN NO T 138] CKT 6
4206.1	74651 REAC72 345	74691 S. BRONX 345	4	0.30232	497.2	1081.0	OPEN 74348 [SPRBROOK 345] TO 74568 [REACM52 345] CKT SR OPEN 74568 [REACM52 345] TO 74354 [W 49 ST 345] CKT 2 OPEN 74348 [SPRBROOK 345] TO 74419 [DUN NO T 138] CKT 6
4206.1	74650 REAC71 345	74691 S. BRONX 345	3	0.30232	497.2	1081.0	OPEN 74348 [SPRBROOK 345] TO 74567 [REACM51 345] CKT SR OPEN 74567 [REACM51 345] TO 74354 [W 49 ST 345] CKT 1 OPEN 74348 [SPRBROOK 345] TO 74419 [DUN NO T 138] CKT 6
4206.1	74651 REAC72 345	74691 S. BRONX 345	4	0.30232	497.2	1081.0	OPEN 74348 [SPRBROOK 345] TO 74567 [REACM51 345] CKT SR OPEN 74567 [REACM51 345] TO 74354 [W 49 ST 345] CKT 1 OPEN 74348 [SPRBROOK 345] TO 74419 [DUN NO T 138] CKT 6

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*** TLTG EXPORT LIMIT OUTPUT FOR BASE CASE ***

DISTRIBUTION FACTOR FILE: C:\NYISO\CRPP4\li.dfx
SUBSYSTEM DESCRIPTION FILE: C:\NYISO\CRPP\sysli.sub
MONITORED ELEMENT FILE: C:\NYISO\CRPP\monli.mon
CONTINGENCY DESCRIPTION FILE: C:\NYISO\CRPP\contli.con

	PRE-SHIFT	DELTA	POST-SHIFT
STUDY SYSTEM MW GENERATION:	4808.6	1000.0	5808.6
OPPOSING SYSTEM MW GENERATION:	1386.0	-1000.0	386.0
STUDY SYSTEM NET INTERCHANGE:	4752.6	1000.0	5752.6

STUDY SYSTEM					OPPOSING SYSTEM				
		GENERATOR MW					GENERATOR MW		
BUS	BUS NAME	BASE	SHIFT	CHANGE	BUS	BUS NAME	BASE	SHIFT	CHANGE
74190	ROSE GN124.0	727.0	903.5	176.5	74900	BARETG1 20.0	176.0	-4.0	-180.0
74302	ER G7 13.2	166.0	224.8	58.8	74907	NRTPTG2 22.0	380.0	140.0	-240.0
74700	AK 3 22.0	491.0	608.6	117.6	74908	NRTPTG3 22.0	360.0	120.0	-240.0
74705	AST 4 20.0	729.7	788.5	58.8	74909	NRTPTG4 22.0	380.0	140.0	-240.0
74706	AST 5 20.0	361.0	478.6	117.6	79571	NYPA108 13.8	90.0	-10.0	-100.0
74707	RAV 1 20.0	385.0	561.5	176.5					
79390	BOW2 20.0	592.0	886.1	294.1					

INSOLUBLE CASE: UNABLE TO RELIEVE PRE-SHIFT SOLUTION OVERLOADS
WITHOUT CAUSING ADDITIONAL OVERLOADING

LOADINGS AT OR ABOVE 100.0 %
OF RATING ARE MARKED WITH '*'

FROM	TO	CKT	TOTAL TRANS CAPAB	BASE CASE RATING A	PRE-SHIFT MW	POST-SHIFT MW	LIMIT CASE MW	DISTR. FACTOR
74402 ASTE-WRG 138	74705 AST 4 20.0	1	1156.2	259	-364.8*	-394.2*	-259.0*	-0.02941
74384 ASTE-ERG 138	74705 AST 4 20.0	2	1296.3	259	-360.7*	-390.1*	-254.9	-0.02942
75000 SHORE RD 345	74316 DUNWODIE 345	1	4934.0	687	-505.7	-1505.*	3087.4*	-0.99909
74557 VERNON-W 138	74707 RAV 1 20.0	1	5403.4	259	-201.3	-289.9*	117.4	-0.08863
INTERFACE LI IMPORT			5559.5	2746	1939.8	2938.9*	-1653.	0.99909
74556 VERNON-E 138	74707 RAV 1 20.0	2	5610.1	259	-183.7	-271.5*	132.2	-0.08784
74332 FR KILLS 345	74700 AK 3 22.0	1	5611.3	592	-491.0	-608.6*	-67.9	-0.11765
75031 GLNWD SO 138	75164 GLNWD SO69.0	1	5640.4	118	74.1	123.5*	-103.7	0.04945
75030 GLNWD NO 138	75163 GLNWD NO69.0	1	5667.8	118	64.0	123.0*	-148.1*	0.05898
INTERFACE CE/LI TIES			5801.3	1900	852.2	1851.3	-2741.*	0.99909
74402 ASTE-WRG 138	74706 AST 5 20.0	1	6075.3	259	-181.2	-240.0	30.3	-0.05882
74384 ASTE-ERG 138	74706 AST 5 20.0	2	6098.9	259	-179.8	-238.6	31.8	-0.05883
INTERFACE LI EXPORT			6165.8	2366	-954.0	-1953.	2639.0*	-0.99909
75046 L SUCS 138	75180 LKE SCSS69.0	1	6268.3	239	121.8	199.1	-156.4	0.07735
75046 L SUCS 138	75180 LKE SCSS69.0	2	6558.6	239	111.3	182.0	-143.1	0.07072
74324 E15ST 47 345	74632 E RIVER 69.0	17	7110.9	240	-101.3	-160.1	110.3	-0.05882
75039 ELWOOD 1 138	75156 ELWOOD 69.0	1	10618.8	114	88.6	54.0	212.8*	-0.03453
75063 SYOSSET 138	75224 SYOSSET 69.0	1	10950.9	239	147.1	84.8	371.2*	-0.06230
75073 NEWBRG-2 138	75192 NEWBRGE269.0	1	11340.5	120	73.4	44.0	178.9*	-0.02935
75042 GRENLAWN 138	75166 GRENLAWN69.0	1	12453.0	114	82.1	56.6	173.7*	-0.02546

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*** TLTG TRANSFER LIMIT OUTPUT FOR INTERFACE LI IMPORT ***

<- INTERFACE 'LI IMPORT ' DEFINITION ->

<----- FROM ----->	<------ TO ------>	CKT	DISTR. FACTOR	PRE-SHIFT MW
74316 DUNWODIE 345	75000 SHORE RD 345	1	1.00000	505.7
79607 DVNPT NK 345	75004 HMP HRBR 345	1	0.00000	635.7
74505 JAMAICA 138	75047 L SUCSPH 138	1	0.00000	-147.8
74505 JAMAICA 138	75067 V STRM P 138	1	0.00000	-141.4
73166 NORHR138 138	75053 NRTHPT P 138	1	0.00000	101.8
75078 SHMHVDCL 192	75062 SHOREHAM 138	1	0.00000	329.5
74959 NEPTCONV 345	74958 NWBRG 345	1	0.00000	656.3
TOTALS FOR INTERFACE LI IMPORT			1.00000	1939.8

TOTAL TRANS CAPAB	<---------- LIMITING ELEMENT ----------> FROM	TO	CKT	DISTR. FACTOR	PRE-SHIFT MW	RATING BAS/CNT A/C	<---------- CONTINGENCY DESCRIPTION ---------->
-4538.6	74402 ASTE-WRG 138	74705 AST 4 20.0	1	-0.05888	-725.4	344.0	OPEN 74384 [ASTE-ERG 138] TO 74705 [AST 4 20.0] CKT 2
-4538.6	74384 ASTE-ERG 138	74705 AST 4 20.0	2	-0.05888	-725.4	344.0	OPEN 74402 [ASTE-WRG 138] TO 74705 [AST 4 20.0] CKT 1
-1653.3	74402 ASTE-WRG 138	74705 AST 4 20.0	1	-0.02943	-364.8	259.0	BASE CASE
-1513.3	74384 ASTE-ERG 138	74705 AST 4 20.0	2	-0.02944	-360.7	259.0	BASE CASE
454.8	74384 ASTE-ERG 138	74705 AST 4 20.0	2	-0.02944	-387.7	344.0	OPEN 74402 [ASTE-WRG 138] TO 74498 [ASTE-PAR 138] CKT 1
454.8	74384 ASTE-ERG 138	74705 AST 4 20.0	2	-0.02944	-387.7	344.0	OPEN 74384 [ASTE-ERG 138] TO 74498 [ASTE-PAR 138] CKT 1
493.6	74402 ASTE-WRG 138	74705 AST 4 20.0	1	-0.02943	-386.6	344.0	OPEN 74402 [ASTE-WRG 138] TO 74723 [SCS138-W 138] CKT 1
756.7	74402 ASTE-WRG 138	74705 AST 4 20.0	1	-0.03716	-388.0	344.0	OPEN 74384 [ASTE-ERG 138] TO 74495 [HG 4 138] CKT 1
802.6	*74402 ASTE-WRG 138	74705 AST 4 20.0	1	-0.03599	-384.9	344.0	OPEN 74402 [ASTE-WRG 138] TO 74706 [AST 5 20.0] CKT 1
855.6	*74384 ASTE-ERG 138	74705 AST 4 20.0	2	-0.03718	-384.3	344.0	OPEN 74402 [ASTE-WRG 138] TO 74492 [HG 1 138] CKT 1
1795.5	74402 ASTE-WRG 138	74706 AST 5 20.0	1	-0.11775	-361.0	344.0	OPEN 74384 [ASTE-ERG 138] TO 74706 [AST 5 20.0] CKT 2
1795.5	74384 ASTE-ERG 138	74706 AST 5 20.0	2	-0.11775	-361.0	344.0	OPEN 74402 [ASTE-WRG 138] TO 74706 [AST 5 20.0] CKT 1
1945.5	74556 VERNON-E 138	74707 RAV 1 20.0	2	-0.17663	-385.0	386.0	OPEN 74557 [VERNON-W 138] TO 74707 [RAV 1 20.0] CKT 1
1945.5	74557 VERNON-W 138	74707 RAV 1 20.0	1	-0.17663	-385.0	386.0	OPEN 74556 [VERNON-E 138] TO 74707 [RAV 1 20.0] CKT 2
2121.1	75000 SHORE RD 345	74316 DUNWODIE 345	1	-1.00000	-505.7	687.0	BASE CASE
2590.0	74557 VERNON-W 138	74707 RAV 1 20.0	1	-0.08871	-201.3	259.0	BASE CASE
2614.5	75000 SHORE RD 345	74316 DUNWODIE 345	1	-1.00000	-837.3	1512.0	OPEN 79607 [DVNPT NK 345] TO 75004 [HMP HRBR 345] CKT 1
2746.0	INTERFACE LI IMPORT			1.00000	1939.8	2746.0	BASE CASE
2796.5	74556 VERNON-E 138	74707 RAV 1 20.0	2	-0.08792	-183.7	259.0	BASE CASE
2797.7	74332 FR KILLS 345	74700 AK 3 22.0	1	-0.11775	-491.0	592.0	BASE CASE
2826.8	75031 GLNWD SO 138	75164 GLNWD SO69.0	1	0.04949	74.1	118.0	BASE CASE
2828.6	75000 SHORE RD 345	74316 DUNWODIE 345	1	-1.00000	-623.2	1512.0	OPEN 75038 [E.G.C. 138] TO 75002 [E.G.C.-1 345] CKT 1
2828.8	75000 SHORE RD 345	74316 DUNWODIE 345	1	-1.00000	-623.0	1512.0	OPEN 75074 [E.G.C.-2 138] TO 75003 [E.G.C.-2 345] CKT 1
2829.4	*75000 SHORE RD 345	74316 DUNWODIE 345	1	-0.99903	-623.3	1512.0	OPEN 75038 [E.G.C. 138] TO 75050 [NEWBRGE 138] CKT 1
							OPEN 75038 [E.G.C. 138] TO 75002 [E.G.C.-1 345] CKT 1
2854.2	75030 GLNWD NO 138	75163 GLNWD NO69.0	1	0.05904	64.0	118.0	BASE CASE
2981.5	75030 GLNWD NO 138	75163 GLNWD NO69.0	1	0.09253	68.6	165.0	OPEN 75031 [GLNWD SO 138] TO 75041 [SHORE RD 138] CKT 1
2987.6	INTERFACE CE/LI TIES			1.00000	852.2	1900.0	BASE CASE
3018.6	75031 GLNWD SO 138	75164 GLNWD SO69.0	1	0.08016	78.5	165.0	OPEN 75030 [GLNWD NO 138] TO 75041 [SHORE RD 138] CKT 1
3100.7	75030 GLNWD NO 138	75163 GLNWD NO69.0	1	0.08208	69.7	165.0	OPEN 75038 [E.G.C. 138] TO 75060 [ROSLYN 138] CKT 1
							OPEN 75038 [E.G.C. 138] TO 75002 [E.G.C.-1 345] CKT 1
3189.1	75030 GLNWD NO 138	75163 GLNWD NO69.0	1	0.08093	63.9	165.0	OPEN 75029 [GLNWD GT 138] TO 75030 [GLNWD NO 138] CKT 1
3189.1	*75030 GLNWD NO 138	75163 GLNWD NO69.0	1	0.08093	63.9	165.0	OPEN 75029 [GLNWD GT 138] TO 75060 [ROSLYN 138] CKT 1
3201.9	75004 HMP HRBR 345	75005 EGC DUM 345	1	0.44273	840.2	1399.0	OPEN 74316 [DUNWODIE 345] TO 75000 [SHORE RD 345] CKT 1
							OPEN 75000 [SHORE RD 345] TO 75041 [SHORE RD 138] CKT 1
							OPEN 75000 [SHORE RD 345] TO 75041 [SHORE RD 138] CKT 2