

CRPP SUM 2006B-V6
511002

*** 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:	3379.7	-1000.0	2379.7
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	405.9	325.9	-80.0
81422	LENNOXG220.0	505.5	838.8	333.3	74702	RAV 3 22.0	971.0	711.0	-260.0
81425	LENNOXG420.0	505.5	838.8	333.3	74703	AK 2 20.0	268.8	188.8	-80.0
					74705	AST 4 20.0	81.9	1.9	-80.0
					74907	NRTPTG2 22.0	300.0	200.0	-100.0
					74908	NRTPTG3 22.0	358.0	258.0	-100.0
					79390	BOW2 20.0	500.0	380.0	-120.0
					79538	POLETGT218.0	146.3	86.3	-60.0
					79539	POLETSTG18.0	171.5	111.5	-60.0
					79540	POLETGT118.0	176.3	116.3	-60.0

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

<----- FROM ----->					<----- TO ----->					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	1916.7	238	-213.6	-247.9*	-238.0*	-0.03427						
76702 LOCKPORT	115 77126 TELRDTP1	115 1	2534.4	144	107.0	134.8	126.8	0.02782						
76702 LOCKPORT	115 77101 SHEL-113	115 1	2670.6	144	101.8	130.6	122.3	0.02878						
76702 LOCKPORT	115 77122 SOUR-111	115 1	2682.4	131	90.9	118.0	110.2	0.02717						
75465 HINMN115	115 76702 LOCKPORT	115 1	2691.0	238	185.6	220.8	210.7	0.03528						
75414 MEYER230	230 75417 STOLE230	230 1	2744.9	430	-259.7	-370.2	-338.4	-0.11057						
77122 SOUR-111	115 77123 SWDN-111	115 1	2881.7	131	85.4	112.6	104.8	0.02717						
77101 SHEL-113	115 77124 SWDN-113	115 1	3040.8	144	91.1	119.9	111.6	0.02881						
79584 NIAG 345	345 79800 ROCH 345	345 1	3045.1	1301	638.0	998.2	894.5	0.36018						
77109 LAPPINS1	115 77116 NLEROYTA	115 1	3047.7	139	86.0	114.7	106.5	0.02877						
77112 MUMFORD1	115 77116 NLEROYTA	115 1	3150.2	129	-72.1	-101.3	-92.9	-0.02924						
77100 SOUR-114	115 77111 MORTIMER	115 1	3150.4	129	71.8	101.2	92.7	0.02940						
77100 SOUR-114	115 77126 TELRDTP1	115 1	3185.6	143	-84.7	-114.1	-105.7	-0.02942						
75405 OAKDL345	345 75403 FRASR345	345 1	3414.4	1255	672.0	935.8	859.9	0.26382						
75498 S.OWE115	115 75668 LOUNS115	115 1	3455.0	112	-40.3	-72.2	-63.0	-0.03185						
77103 BATAVIA1	115 77121 SENECA	115 1	3480.1	159	95.9	123.6	115.6	0.02773						
	INTERFACE DYSE OPEN		3563.0	3989	2015.0	2852.0	2611.1	0.83695						
77111 MORTIMER	115 77123 SWDN-111	115 1	3569.5	129	-60.7	-89.6	-81.3	-0.02887						
77111 MORTIMER	115 77124 SWDN-113	115 1	3585.2	129	-56.6	-87.0	-78.3	-0.03042						
77400 CLAY	345 78450 EDIC	345 2	3624.0	1033	571.6	762.3	707.4	0.19071						

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

<- INTERFACE 'DYSE OPEN' DEFINITION ->							PRE-
FROM	TO	CKT	DISTR.	SHIFT	FACTOR	MW	
75404 KINTI345 345	79800 ROCH 345 345	1	0.29351	609.8			
79584 NIAG 345 345	79800 ROCH 345 345	1	0.43035	638.0			
75417 STOLE230 230	75414 MEYER230 230	1	0.13211	259.7			
75994 PALMT115 115	75992 BENET115 115	1	0.00000	-6.5			
76702 LOCKPORT 115	77125 TELRDTP1 115	1	0.01548	83.2			
76702 LOCKPORT 115	77115 NAKR-108 115	1	0.01305	60.2			
76702 LOCKPORT 115	77117 OAKFLDTP 115	1	0.01541	70.9			
76702 LOCKPORT 115	77122 SOUR-111 115	1	0.03246	90.9			
76702 LOCKPORT 115	77101 SHEL-113 115	1	0.03439	101.8			
76702 LOCKPORT 115	77126 TELRDTP1 115	1	0.03324	107.0			
TOTALS FOR INTERFACE DYSE OPEN					1.00000	2015.0	

TOTAL TRANS	LIMITING ELEMENT				DISTR.	PRE-SHIFT	RATING BAS/CNT	CONTINGENCY DESCRIPTION			
CAPAB	FROM	TO	CKT	FACTOR	MW	A/C					
2154.2	76660 ELM-70	230 76837 ELMST23	23.0	1	0.02625	92.3	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			
2611.1	75465 HINMN115	115 76261 HARIS115	115	1	-0.04095	-213.6	238.0	BASE CASE			
2680.8	77103 BATAVIA1	115 77121 SENECAP	115	1	0.05003	125.7	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			
2729.7	77103 BATAVIA1	115 77121 SENECAP	115	1	0.05016	123.2	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			
2749.8	77103 BATAVIA1	115 77121 SENECAP	115	1	0.05062	121.8	159.0	OPEN 79584 [NIAG 345 345] TO 79800 [ROCH 345 345] CKT 1			
2756.7	77103 BATAVIA1	115 77121 SENECAP	115	1	0.05040	121.6	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			
2810.0	76702 LOCKPORT	115 77122 SOUR-111	115	1	0.04901	120.0	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			
2858.5	76702 LOCKPORT	115 77122 SOUR-111	115	1	0.04913	117.6	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			
2869.4	75465 HINMN115	115 76261 HARIS115	115	1	-0.05949	-255.2	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			
2873.9	76702 LOCKPORT	115 77126 TELRDTP1	115	1	0.05019	136.9	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			
2877.5	76702 LOCKPORT	115 77122 SOUR-111	115	1	0.04958	116.2	159.0	OPEN 79584 [NIAG 345 345] TO 79800 [ROCH 345 345] CKT 1			
2884.9	76702 LOCKPORT	115 77122 SOUR-111	115	1	0.04937	116.1	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			
2902.9	75465 HINMN115	115 76261 HARIS115	115	1	-0.06213	-250.8	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			
2912.7	*77103 BATAVIA1	115 77121 SENECAP	115	1	0.04269	120.7	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			
2920.3	75465 HINMN115	115 76261 HARIS115	115	1	-0.05843	-253.1	306.0	OPEN 75416 [ROBIN230 230] TO 75417 [STOLE230 230] CKT 1			
2920.4	77122 SOUR-111	115 77123 SWDN-111	115	1	0.04901	114.6	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			
2922.3	76702 LOCKPORT	115 77126 TELRDTP1	115	1	0.05032	134.3	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			

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

TOTAL TRANS CAPAB	LIMITING ELEMENT	DISTR. FACTOR	PRE-RATING SHIFT MW	RATING BAS/CNT A/C	CONTINGENCY	DESCRIPTION
<----->	<----->	<----->				
2925.4	76702 LOCKPORT 115 77101 SHEL-113 115 1	0.05193	132.7	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	
2940.6	76702 LOCKPORT 115 77126 TELRDTP1 115 1	0.05078	133.0	180.0	OPEN 79584 [NIAG 345 345] TO 79800 [ROCH 345 345] CKT 1	
2947.8	*75465 HINMN115 115 76261 HARIS115 115 1	-0.06219	-248.0	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	
2948.4	76702 LOCKPORT 115 77126 TELRDTP1 115 1	0.05056	132.8	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	
2950.6	77100 SOUR-114 115 77111 MORTIMER 115 1	0.05303	103.4	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	
2968.7	77122 SOUR-111 115 77123 SWDN-111 115 1	0.04913	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	
2973.7	76702 LOCKPORT 115 77101 SHEL-113 115 1	0.05206	130.1	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	
2978.0	75405 OAKDL345 345 75403 FRASR345 345 1	0.38167	1012.4	1380.0	OPEN 78450 [EDIC 345] TO 75403 [FRASR345 345] CKT 1	
					OPEN 79583 [MARCY T1 345] TO 75400 [COOPC345 345] CKT 1	
2984.3	75476 MEYER115 115 75995 S.PER115 115 1	-0.02771	-77.1	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	
2986.6	77122 SOUR-111 115 77123 SWDN-111 115 1	0.04958	110.8	159.0	OPEN 79584 [NIAG 345 345] TO 79800 [ROCH 345 345] CKT 1	
2991.6	76702 LOCKPORT 115 77101 SHEL-113 115 1	0.05253	128.7	180.0	OPEN 79584 [NIAG 345 345] TO 79800 [ROCH 345 345] CKT 1	
2994.6	77122 SOUR-111 115 77123 SWDN-111 115 1	0.04937	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	
2998.8	77100 SOUR-114 115 77111 MORTIMER 115 1	0.05317	100.7	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	
2999.6	76702 LOCKPORT 115 77101 SHEL-113 115 1	0.05231	128.5	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	
3007.0	76527 FALCONER 115 281 WARREN 115 1	0.05110	31.3	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	
3016.5	77100 SOUR-114 115 77111 MORTIMER 115 1	0.05365	99.3	153.0	OPEN 79584 [NIAG 345 345] TO 79800 [ROCH 345 345] CKT 1	
3023.4	75476 MEYER115 115 75995 S.PER115 115 1	-0.02757	-76.2	104.0	OPEN 75417 [STOLE230 230] TO 75414 [MEYER230 230] CKT 1	
3024.6	77100 SOUR-114 115 77111 MORTIMER 115 1	0.05342	99.1	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	
3039.4	75476 MEYER115 115 75995 S.PER115 115 1	-0.02977	-73.5	104.0	OPEN 75417 [STOLE230 230] TO 75414 [MEYER230 230] CKT 1	
					OPEN 75406 [STOLE345 345] TO 479 [HOMER CY 345] CKT 1	
3064.1	*76702 LOCKPORT 115 77122 SOUR-111 115 1	0.04182	115.1	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	
3096.3	77109 LAPPINS1 115 77116 NLEROYTA 115 1	0.05190	116.9	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	
3108.6	75469 KATEL115 115 75467 JENN 115 115 1	0.03877	116.6	159.0	OPEN 75405 [OAKDL345 345] TO 75403 [FRASR345 345] CKT 1	
3128.1	*76702 LOCKPORT 115 77126 TELRDTP1 115 1	0.03324	107.0	144.0	BASE CASE	
3130.0	77101 SHEL-113 115 77124 SWDN-113 115 1	0.05198	122.0	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	
3144.1	77109 LAPPINS1 115 77116 NLEROYTA 115 1	0.05203	114.3	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	
3145.7	75498 S.OWE115 115 75668 LOUNS115 115 1	-0.05955	-75.7	143.0	OPEN 75405 [OAKDL345 345] TO 75407 [WATRC345 345] CKT 1	
3160.4	77109 LAPPINS1 115 77116 NLEROYTA 115 1	0.05251	112.9	173.0	OPEN 79584 [NIAG 345 345] TO 79800 [ROCH 345 345] CKT 1	
3169.1	77109 LAPPINS1 115 77116 NLEROYTA 115 1	0.05228	112.7	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	

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

TOTAL	LIMITING ELEMENT						DISTR.	PRE- RATING		CONTINGENCY DESCRIPTION			
TRANS	FROM	TO	CKT	FACTOR	MW	A/C	SHIFT	BAS/CNT	DESCRIPTION				
CAPAB	----->	----->	----->	----->									
3176.4	77111 MORTIMER	115 77124 SWDN-113	115 1	-0.05487	-89.3	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
3177.7	77101 SHEL-113	115 77124 SWDN-113	115 1	0.05211	119.4	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
3191.1	77111 MORTIMER	115 77123 SWDN-111	115 1	-0.05208	-91.7	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
3193.5	*77122 SOUR-111	115 77123 SWDN-111	115 1	0.04182	109.7	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
3193.7	77101 SHEL-113	115 77124 SWDN-113	115 1	0.05258	118.0	180.0	OPEN	79584	[NIAG 345 345]	TO	79800	[ROCH 345 345]	CKT 1
3199.4	*76702 LOCKPORT	115 77101 SHEL-113	115 1	0.04431	127.5	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
3202.6	77101 SHEL-113	115 77124 SWDN-113	115 1	0.05236	117.8	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
3214.6	77100 SOUR-114	115 77126 TELRDTP1	115 1	-0.05308	-116.3	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
3220.1	79584 NIAG 345	345 79800 ROCH 345	345 1	0.59130	972.4	1685.0	OPEN	75404	[KINTI345 345]	TO	79800	[ROCH 345 345]	CKT 1
3224.1	77111 MORTIMER	115 77124 SWDN-113	115 1	-0.05501	-86.5	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
3228.9	*77100 SOUR-114	115 77111 MORTIMER	115 1	0.04525	98.1	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
3238.7	77111 MORTIMER	115 77123 SWDN-111	115 1	-0.05222	-89.1	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
3239.7	77111 MORTIMER	115 77124 SWDN-113	115 1	-0.05551	-85.0	153.0	OPEN	79584	[NIAG 345 345]	TO	79800	[ROCH 345 345]	CKT 1
3248.4	79584 NIAG 345	345 79800 ROCH 345	345 1	0.59250	954.2	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
3248.7	77111 MORTIMER	115 77124 SWDN-113	115 1	-0.05528	-84.8	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
3254.2	77111 MORTIMER	115 77123 SWDN-111	115 1	-0.05269	-87.7	153.0	OPEN	79584	[NIAG 345 345]	TO	79800	[ROCH 345 345]	CKT 1
3259.2	75465 HINMN115	115 76702 LOCKPORT	115 1	0.04215	185.6	238.0	BASE CASE						
3262.1	77100 SOUR-114	115 77126 TELRDTP1	115 1	-0.05322	-113.6	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
3263.3	77111 MORTIMER	115 77123 SWDN-111	115 1	-0.05246	-87.5	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
3276.6	75469 KATEL115	115 75467 JENN 115	115 1	0.05331	91.7	159.0	OPEN	75405	[OAKDL345 345]	TO	75403	[FRASR345 345]	CKT 1
							OPEN	75405	[OAKDL345 345]	TO	77403	[LAFAYTTE 345]	CKT 1
3277.4	77100 SOUR-114	115 77126 TELRDTP1	115 1	-0.05370	-112.2	180.0	OPEN	79584	[NIAG 345 345]	TO	79800	[ROCH 345 345]	CKT 1
3286.6	77100 SOUR-114	115 77126 TELRDTP1	115 1	-0.05347	-112.0	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
3296.7	79584 NIAG 345	345 79800 ROCH 345	345 1	0.57001	954.4	1685.0	OPEN	79801	[PANNELL3 345]	TO	79800	[ROCH 345 345]	CKT 1
							OPEN	75404	[KINTI345 345]	TO	79800	[ROCH 345 345]	CKT 1
3297.1	76527 FALCONER	115 281 WARREN	115 1	0.05165	15.8	82.0	OPEN	76500	[DUNKIRK 230]	TO	76501	[S RIPLEY 230]	CKT 1
3304.3	75414 MEYER230	230 75417 STOLE230	230 1	-0.13211	-259.7	430.0	BASE CASE						
3332.1	77112 MUMFORD1	115 77116 NLEROYTA	115 1	-0.05275	-103.5	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
3335.6	76527 FALCONER	115 281 WARREN	115 1	0.04985	16.2	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

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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	0.36310	130.5
79801 PANNELL3 345	77400 CLAY 345	2	0.36429	130.9
75417 STOLE230 230	75414 MEYER230 230	1	0.13211	259.7
75994 PALMT115 115	75992 BENET115 115	1	0.00000	-6.5
79826 QUAKER 115	75892 MACDN115 115	1	0.00323	34.6
77111 MORTIMER 115	77110 LAWLER-1 115	1	0.03019	67.1
77111 MORTIMER 115	77463 LAWLER-2 115	1	0.03156	44.6
79825 PANNELLI 115	77447 FRMGTN-4 115	1	0.04113	93.7
79804 S121 B#2 115	75893 SLEIG115 115	1	0.02943	65.2
79810 STA 162 115	75995 S.PER115 115	1	0.00497	-0.4
79805 CLYDE199 115	75893 SLEIG115 115	1	-0.03050	-26.2
79805 CLYDE199 115	77433 CLTNCORN 115	1	0.03050	9.8
79875 FARMNGTN34.5	77444 FARMGTN1 115	1	0.00196	-26.1
79875 FARMNGTN34.5	77447 FRMGTN-4 115	1	-0.00196	-39.2
79946 S168 12.0	77447 FRMGTN-4 115	1	0.00000	-5.1
TOTALS FOR INTERFACE WESTC OPEN			1.00000	732.6

TOTAL TRANS CAPAB	LIMITING ELEMENT	FROM	TO	CKT	DISTR. FACTOR	PRE-SHIFT MW	RATING BAS/CNT A/C	CONTINGENCY DESCRIPTION
871.8	ELM-70	230	76837 ELMST23.23.0	1	0.02625	92.3	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
1328.7	HINMN115	115	76261 HARIS115	115	1	-0.04095	-213.6	238.0 BASE CASE
1398.5	BATAVIAL	115	77121 SENECA	115	1	0.05003	125.7	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
1447.4	BATAVIAL	115	77121 SENECA	115	1	0.05016	123.2	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
1467.4	BATAVIAL	115	77121 SENECA	115	1	0.05062	121.8	159.0 OPEN 79584 [NIAG 345 345] TO 79800 [ROCH 345 345] CKT 1
1474.4	BATAVIAL	115	77121 SENECA	115	1	0.05040	121.6	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
1527.6	LOCKPORT	115	77122 SOUR-111	115	1	0.04901	120.0	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
1576.2	LOCKPORT	115	77122 SOUR-111	115	1	0.04913	117.6	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
1587.0	HINMN115	115	76261 HARIS115	115	1	-0.05949	-255.2	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
1591.5	LOCKPORT	115	77126 TELRDTP1	115	1	0.05019	136.9	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
1595.1	LOCKPORT	115	77122 SOUR-111	115	1	0.04958	116.2	159.0 OPEN 79584 [NIAG 345 345] TO 79800 [ROCH 345 345] CKT 1
1602.6	LOCKPORT	115	77122 SOUR-111	115	1	0.04937	116.1	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
1620.5	HINMN115	115	76261 HARIS115	115	1	-0.06213	-250.8	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
1630.4	*77103 BATAVIAL	115	77121 SENECA	115	1	0.04269	120.7	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 WESTC OPEN ***

TOTAL	LIMITING ELEMENT						DISTR.	PRE- RATING		CONTINGENCY DESCRIPTION			
TRANS	FROM	TO	CKT	FACTOR	MW	A/C	SHIFT	BAS/CNT					
CAPAB	FROM	TO	CKT	FACTOR	MW	A/C	SHIFT	BAS/CNT					
1637.9	75465 HINMN115	115 76261 HARIS115	115 1	-0.05843	-253.1	306.0	OPEN	75416	[ROBIN230 230]	TO	75417	[STOLE230 230]	CKT 1
1638.1	77122 SOUR-111	115 77123 SWDN-111	115 1	0.04901	114.6	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
1639.9	76702 LOCKPORT	115 77126 TELRDTP1	115 1	0.05032	134.3	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
1643.1	76702 LOCKPORT	115 77101 SHEL-113	115 1	0.05193	132.7	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
1658.3	76702 LOCKPORT	115 77126 TELRDTP1	115 1	0.05078	133.0	180.0	OPEN	79584	[NIAG 345 345]	TO	79800	[ROCH 345 345]	CKT 1
1665.5	*75465 HINMN115	115 76261 HARIS115	115 1	-0.06219	-248.0	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
1666.0	76702 LOCKPORT	115 77126 TELRDTP1	115 1	0.05056	132.8	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
1668.3	77100 SOUR-114	115 77111 MORTIMER	115 1	0.05303	103.4	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
1686.3	77122 SOUR-111	115 77123 SWDN-111	115 1	0.04913	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
1691.3	76702 LOCKPORT	115 77101 SHEL-113	115 1	0.05206	130.1	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
1695.7	75405 OAKDL345	345 75403 FRASR345	345 1	0.38167	1012.4	1380.0	OPEN	78450	[EDIC 345]	TO	75403	[FRASR345 345]	CKT 1
							OPEN	79583	[MARCY T1 345]	TO	75400	[COOPC345 345]	CKT 1
1701.9	75476 MEYER115	115 75995 S.PER115	115 1	-0.02771	-77.1	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
1704.3	77122 SOUR-111	115 77123 SWDN-111	115 1	0.04958	110.8	159.0	OPEN	79584	[NIAG 345 345]	TO	79800	[ROCH 345 345]	CKT 1
1709.2	76702 LOCKPORT	115 77101 SHEL-113	115 1	0.05253	128.7	180.0	OPEN	79584	[NIAG 345 345]	TO	79800	[ROCH 345 345]	CKT 1
1712.2	77122 SOUR-111	115 77123 SWDN-111	115 1	0.04937	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
1716.5	77100 SOUR-114	115 77111 MORTIMER	115 1	0.05317	100.7	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
1717.2	76702 LOCKPORT	115 77101 SHEL-113	115 1	0.05231	128.5	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
1724.6	76527 FALCONER	115 281 WARREN	115 1	0.05110	31.3	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
1734.1	77100 SOUR-114	115 77111 MORTIMER	115 1	0.05365	99.3	153.0	OPEN	79584	[NIAG 345 345]	TO	79800	[ROCH 345 345]	CKT 1
1741.1	75476 MEYER115	115 75995 S.PER115	115 1	-0.02757	-76.2	104.0	OPEN	75417	[STOLE230 230]	TO	75414	[MEYER230 230]	CKT 1
1742.2	77100 SOUR-114	115 77111 MORTIMER	115 1	0.05342	99.1	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
1757.0	75476 MEYER115	115 75995 S.PER115	115 1	-0.02977	-73.5	104.0	OPEN	75417	[STOLE230 230]	TO	75414	[MEYER230 230]	CKT 1
							OPEN	75406	[STOLE345 345]	TO	479	[HOMER CY 345]	CKT 1
1781.7	*76702 LOCKPORT	115 77122 SOUR-111	115 1	0.04182	115.1	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
1813.9	77109 LAPPINS1	115 77116 NLEROYTA	115 1	0.05190	116.9	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
1826.3	75469 KATEL115	115 75467 JENN 115	115 1	0.03877	116.6	159.0	OPEN	75405	[OAKDL345 345]	TO	75403	[FRASR345 345]	CKT 1
1845.8	*76702 LOCKPORT	115 77126 TELRDTP1	115 1	0.03324	107.0	144.0	BASE	CASE					
1847.6	77101 SHEL-113	115 77124 SWDN-113	115 1	0.05198	122.0	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

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

TOTAL TRANS CAPAB	LIMITING ELEMENT						DISTR. FACTOR	PRE- SHIFT MW	RATING BAS/CNT A/C	CONTINGENCY	DESCRIPTION
	FROM	TO	CKT								
1861.7	77109 LAPPINS1	115 77116 NLEROYTA	115 1	0.05203	114.3	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		
1863.3	75498 S.OWE115	115 75668 LOUN5115	115 1	-0.05955	-75.7	143.0	OPEN 75405 [OAKDL345 345]	TO 75407 [WATRC345 345]	CKT 1		
1878.1	77109 LAPPINS1	115 77116 NLEROYTA	115 1	0.05251	112.9	173.0	OPEN 79584 [NIAG 345 345]	TO 79800 [ROCH 345 345]	CKT 1		
1886.8	77109 LAPPINS1	115 77116 NLEROYTA	115 1	0.05228	112.7	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		
1894.1	77111 MORTIMER	115 77124 SWDN-113	115 1	-0.05487	-89.3	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		
1895.3	77101 SHEL-113	115 77124 SWDN-113	115 1	0.05211	119.4	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		
1908.8	77111 MORTIMER	115 77123 SWDN-111	115 1	-0.05208	-91.7	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		
1911.1	*77122 SOUR-111	115 77123 SWDN-111	115 1	0.04182	109.7	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		
1911.4	77101 SHEL-113	115 77124 SWDN-113	115 1	0.05258	118.0	180.0	OPEN 79584 [NIAG 345 345]	TO 79800 [ROCH 345 345]	CKT 1		
1917.0	*76702 LOCKPORT	115 77101 SHEL-113	115 1	0.04431	127.5	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		
1920.2	77101 SHEL-113	115 77124 SWDN-113	115 1	0.05236	117.8	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		
1932.2	77100 SOUR-114	115 77126 TELRDTP1	115 1	-0.05308	-116.3	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		
1937.7	79584 NIAG 345 345	79800 ROCH 345 345	1	0.59130	972.4	1685.0	OPEN 75404 [KINTI345 345]	TO 79800 [ROCH 345 345]	CKT 1		
1941.7	77111 MORTIMER	115 77124 SWDN-113	115 1	-0.05501	-86.5	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		
1946.5	*77100 SOUR-114	115 77111 MORTIMER	115 1	0.04525	98.1	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		
1956.4	77111 MORTIMER	115 77123 SWDN-111	115 1	-0.05222	-89.1	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		
1957.3	77111 MORTIMER	115 77124 SWDN-113	115 1	-0.05551	-85.0	153.0	OPEN 79584 [NIAG 345 345]	TO 79800 [ROCH 345 345]	CKT 1		
1966.0	79584 NIAG 345 345	79800 ROCH 345 345	1	0.59250	954.2	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		
1966.4	77111 MORTIMER	115 77124 SWDN-113	115 1	-0.05528	-84.8	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		
1971.9	77111 MORTIMER	115 77123 SWDN-111	115 1	-0.05269	-87.7	153.0	OPEN 79584 [NIAG 345 345]	TO 79800 [ROCH 345 345]	CKT 1		
1976.8	75465 HINMN115	115 76702 LOCKPORT	115 1	0.04215	185.6	238.0	BASE CASE				
1979.8	77100 SOUR-114	115 77126 TELRDTP1	115 1	-0.05322	-113.6	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		
1981.0	77111 MORTIMER	115 77123 SWDN-111	115 1	-0.05246	-87.5	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		
1994.2	75469 KATEL115	115 75467 JENN 115 115	1	0.05331	91.7	159.0	OPEN 75405 [OAKDL345 345]	TO 75403 [FRASR345 345]	CKT 1		
							OPEN 75405 [OAKDL345 345]	TO 77403 [LAFAYTTE 345]	CKT 1		
1995.1	77100 SOUR-114	115 77126 TELRDTP1	115 1	-0.05370	-112.2	180.0	OPEN 79584 [NIAG 345 345]	TO 79800 [ROCH 345 345]	CKT 1		
2004.3	77100 SOUR-114	115 77126 TELRDTP1	115 1	-0.05347	-112.0	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		
2014.4	79584 NIAG 345 345	79800 ROCH 345 345	1	0.57001	954.4	1685.0	OPEN 79801 [PANNELL3 345]	TO 79800 [ROCH 345 345]	CKT 1		
							OPEN 75404 [KINTI345 345]	TO 79800 [ROCH 345 345]	CKT 1		
2014.8	76527 FALCONER	115 281 WARREN	115 1	0.05165	15.8	82.0	OPEN 76500 [DUNKIRK 230]	TO 76501 [S RIPLEY 230]	CKT 1		
2021.9	75414 MEYER230	230 75417 STOLE230	230 1	-0.13211	-259.7	430.0	BASE CASE				

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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:	132.6	1000.0	1132.6
OPPOSING SYSTEM MW GENERATION:	2472.7	-1000.0	1472.7
STUDY SYSTEM NET INTERCHANGE:	132.3	1000.0	1132.3

<----- STUDY SYSTEM ----->					<----- OPPOSING SYSTEM ----->				
<---- GENERATOR MW ---->					<---- GENERATOR MW ---->				
BUS	BUS NAME	BASE	SHIFT	CHANGE	BUS	BUS NAME	BASE	SHIFT	CHANGE
79513	MOS17-1813.8	18.6	518.6	500.0	74702	RAV 3	22.0	971.0	871.0 -100.0
79516	MOS21-2213.8	114.0	614.0	500.0	76641	DUNKGEN413.8	191.0	91.0	91.0 -100.0
					77051	HNTLY68G13.8	190.6	90.6	90.6 -100.0
					77951	9M PT 1G23.0	626.0	126.0	126.0 -500.0
					79538	POLETGT218.0	146.3	76.3	76.3 -70.0
					79539	POLETSTG18.0	171.5	101.5	101.5 -70.0
					79540	POLETGT118.0	176.3	116.3	116.3 -60.0

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

<----- FROM ----->						<----- TO ----->						CKT	<----- BASE CASE ----->					
TOTAL	TRANS	RATING	PRE-	POST-	LIMIT	DISTR.												
CAPAB	A	MW	SHIFT	SHIFT	CASE	FACTOR												
79590	MOSES W	230	79517	MOS21-2413.8	6	193.8	258	-227.2	-727.2*	-258.0*	-0.50000							
79589	MOSES E	230	79514	MOS17-2013.8	5	383.8	258	-132.3	-632.3*	-163.0	-0.50000							
78009	BRNS FLS	115	78057	TAYLORVL	115	1	1969.3	102	38.2	72.9	40.4	0.03471						
78009	BRNS FLS	115	78021	FLAT RCK	115	1	2034.0	102	-36.1	-70.8	-38.3	-0.03464						
78009	BRNS FLS	115	78025	HIGLEY	115	1	2051.9	102	-35.2	-70.0	-37.3	-0.03479						
78460	PORTER 2	230	79586	ADRON B2	230	1	2059.8	321	-136.8	-232.4	-142.7	-0.09557						
78460	PORTER 2	230	79585	ADRON B1	230	1	2082.7	321	-134.6	-230.2	-140.5	-0.09557						
78009	BRNS FLS	115	78057	TAYLORVL	115	2	2084.6	106	38.2	72.9	40.4	0.03471						
79577	MARCY765	765	79583	MARCY T1	345	1	2158.9	1488	686.4	1082.0	710.8	0.39552						
79586	ADRON B2	230	79590	MOSES W	230	1	2304.6	348	-140.4	-236.0	-146.3	-0.09557						
79585	ADRON B1	230	79590	MOSES W	230	1	2304.6	348	-140.4	-236.0	-146.3	-0.09557						
78014	COLTON	115	78021	FLAT RCK	115	1	2423.8	114	34.6	69.3	36.8	0.03463						
79588	MASS230B	230	79589	MOSES E	230	1	2531.1	936	-49.1	-418.8	-71.8	-0.36973						
79587	MASS230A	230	79589	MOSES E	230	1	2531.1	936	-49.1	-418.8	-71.8	-0.36973						
79578	MASS 765	765	79587	MASS230A	230	1	2531.2	936	-49.0	-418.8	-71.8	-0.36973						
79578	MASS 765	765	79588	MASS230B	230	1	2531.2	936	-49.0	-418.8	-71.8	-0.36973						
78014	COLTON	115	78025	HIGLEY	115	1	2656.8	125	37.2	72.0	39.3	0.03479						
79577	MARCY765	765	79583	MARCY T1	345	2	2716.7	1488	599.1	943.0	620.2	0.34395						
78450	EDIC	345	79583	MARCY T1	345	1	3250.2	1677	-287.6	-733.2	-315.0	-0.44563						
79577	MARCY765	765	79578	MASS 765	765	1	3756.1	3975	-1295.	-2035.	-1341.	-0.73947						
	INTERFACE MOSES	OPEN					3990.3	5358	1499.8	2499.9	1561.4	1.00003						
	INTERFACE MOSES	SOUTH					4019.4	5400	1513.1	2513.1	1574.6	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	79577 MARCY765	765 1	0.73945	1295.3
79590 MOSES W 230	79585 ADRON B1	230 1	0.09557	140.4
79590 MOSES W 230	79586 ADRON B2	230 1	0.09557	140.4
78017 DENNISON 115	78002 ANDRWS-4	115 1	0.02156	-6.8
78017 DENNISON 115	78032 LWRNCE-B	115 1	0.02157	-5.5
78000 ALCOA-NM 115	78010 BRADY	115 1	0.01109	-24.7
78033 MALONE 115	78041 NICHOLVL	115 1	0.01521	-26.0
TOTALS FOR INTERFACE MOSESSOUTH			1.00000	1513.1

TOTAL TRANS CAPAB	LIMITING ELEMENT	CKT	DISTR. FACTOR	PRE-SHIFT MW	RATING BAS/CNT A/C	CONTINGENCY DESCRIPTION
1574.6	79590 MOSES W 230	79517 MOS21-2413.8	6	-0.49999	-227.2	258.0 BASE CASE
1751.7	78009 BRNS FLS 115	78057 TAYLORVL 115	2	0.07867	115.2	134.0 OPEN 79578 [MASS 765 765] TO 79577 [MARC Y765 765] CKT 1
1764.4	78009 BRNS FLS 115	78057 TAYLORVL 115	1	0.07867	115.2	135.0 OPEN 79578 [MASS 765 765] TO 79577 [MARC Y765 765] CKT 1
1764.6	79589 MOSES E 230	79514 MOS17-2013.8	5	-0.49999	-132.3	258.0 BASE CASE
1787.3	79586 ADRON B2 230	79590 MOSES W 230	1	-0.23051	-376.8	440.0 OPEN 79578 [MASS 765 765] TO 79577 [MARC Y765 765] CKT 1
1787.3	79585 ADRON B1 230	79590 MOSES W 230	1	-0.23051	-376.8	440.0 OPEN 79578 [MASS 765 765] TO 79577 [MARC Y765 765] CKT 1
1793.9	78009 BRNS FLS 115	78021 FLAT RCK 115	1	-0.07849	-113.0	135.0 OPEN 79578 [MASS 765 765] TO 79577 [MARC Y765 765] CKT 1
1799.9	78009 BRNS FLS 115	78025 HIGLEY 115	1	-0.07885	-112.4	135.0 OPEN 79578 [MASS 765 765] TO 79577 [MARC Y765 765] CKT 1
1842.0	78460 PORTER 2 230	79586 ADRON B2 230	1	-0.23051	-373.2	449.0 OPEN 79578 [MASS 765 765] TO 79577 [MARC Y765 765] CKT 1
1851.5	78460 PORTER 2 230	79585 ADRON B1 230	1	-0.23051	-371.0	449.0 OPEN 79578 [MASS 765 765] TO 79577 [MARC Y765 765] CKT 1
1878.3	79602 PLAT T#3 115	70511 GRAND IS 115	1	0.08732	270.1	302.0 OPEN 79578 [MASS 765 765] TO 79577 [MARC Y765 765] CKT 1
1878.4	79602 PLAT T#3 115	79672 PLAT 115	3	-0.08732	-270.1	302.0 OPEN 79578 [MASS 765 765] TO 79577 [MARC Y765 765] CKT 1
1902.2	78014 COLTON 115	78021 FLAT RCK 115	1	0.07849	111.5	142.0 OPEN 79578 [MASS 765 765] TO 79577 [MARC Y765 765] CKT 1
1919.0	78028 LOWVILLE 115	78057 TAYLORVL 115	1	-0.04218	-116.9	134.0 OPEN 79578 [MASS 765 765] TO 79577 [MARC Y765 765] CKT 1
2028.8	78014 COLTON 115	78025 HIGLEY 115	1	0.07885	114.3	155.0 OPEN 79578 [MASS 765 765] TO 79577 [MARC Y765 765] CKT 1
2102.0	78008 BREMEN 115	78057 TAYLORVL 115	1	-0.04216	-109.2	134.0 OPEN 79578 [MASS 765 765] TO 79577 [MARC Y765 765] CKT 1
2210.5	79577 MARCY765 765	79583 MARCY T1 345	1	0.70002	1165.8	1654.0 OPEN 79577 [MARC Y765 765] TO 79583 [MARC Y T1 345] CKT 2 OPEN 78703 [N.SCOT99 345] TO 79583 [MARC Y T1 345] CKT 1
2359.4	78028 LOWVILLE 115	78471 BOONVL 115	1	0.04218	98.3	134.0 OPEN 79578 [MASS 765 765] TO 79577 [MARC Y765 765] CKT 1
2388.4	78011 BU+LY+MO 115	78471 BOONVL 115	1	0.04216	109.1	146.0 OPEN 79578 [MASS 765 765] TO 79577 [MARC Y765 765] CKT 1
2447.5	79589 MOSES E 230	81255 STLAWL34 230	1	0.16593	290.9	446.0 OPEN 79578 [MASS 765 765] TO 79577 [MARC Y765 765] CKT 1
2518.6	78009 BRNS FLS 115	78057 TAYLORVL 115	2	0.07867	54.9	134.0 OPEN 79577 [MARC Y765 765] TO 79578 [MASS 765 765] CKT 1 OPEN 79578 [MASS 765 765] TO 84819 [CHA-NY 765] CKT 1
2525.1	78008 BREMEN 115	78011 BU+LY+MO 115	1	0.04216	103.3	146.0 OPEN 79578 [MASS 765 765] TO 79577 [MARC Y765 765] CKT 1
2531.3	78009 BRNS FLS 115	78057 TAYLORVL 115	1	0.07867	54.9	135.0 OPEN 79577 [MARC Y765 765] TO 79578 [MASS 765 765] CKT 1 OPEN 79578 [MASS 765 765] TO 84819 [CHA-NY 765] CKT 1
2560.8	78009 BRNS FLS 115	78021 FLAT RCK 115	1	-0.07849	-52.8	135.0 OPEN 79577 [MARC Y765 765] TO 79578 [MASS 765 765] CKT 1 OPEN 79578 [MASS 765 765] TO 84819 [CHA-NY 765] CKT 1
2566.8	78009 BRNS FLS 115	78025 HIGLEY 115	1	-0.07885	-51.9	135.0 OPEN 79577 [MARC Y765 765] TO 79578 [MASS 765 765] CKT 1 OPEN 79578 [MASS 765 765] TO 84819 [CHA-NY 765] CKT 1
2573.6	79586 ADRON B2 230	79590 MOSES W 230	1	-0.23051	-195.5	440.0 OPEN 79577 [MARC Y765 765] TO 79578 [MASS 765 765] CKT 1 OPEN 79578 [MASS 765 765] TO 84819 [CHA-NY 765] CKT 1
2573.6	79585 ADRON B1 230	79590 MOSES W 230	1	-0.23051	-195.5	440.0 OPEN 79577 [MARC Y765 765] TO 79578 [MASS 765 765] CKT 1 OPEN 79578 [MASS 765 765] TO 84819 [CHA-NY 765] CKT 1
2628.3	78460 PORTER 2 230	79586 ADRON B2 230	1	-0.23051	-191.9	449.0 OPEN 79577 [MARC Y765 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\syte.sub
MONITORED ELEMENT FILE: C:\NYISO\CRPP\monte.mon
CONTINGENCY DESCRIPTION FILE: C:\NYISO\CRPP\conttel.con

	PRE-SHIFT	DELTA	POST-SHIFT
STUDY SYSTEM MW GENERATION:	1833.5	1000.0	2833.5
OPPOSING SYSTEM MW GENERATION:	2679.5	-1000.0	1679.5
STUDY SYSTEM NET INTERCHANGE:	1786.6	1000.0	2786.6

<----- 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	146.8	6.8	-140.0
77051	HNTLY68G13.8	190.6	240.6	50.0	74702	RAV 3 22.0	971.0	691.0	-280.0
77951	9M PT 1G23.0	626.0	1126.0	500.0	74705	AST 4 20.0	81.9	-18.1	-100.0
79515	MOS19-2013.8	114.0	214.0	100.0	74706	AST 5 20.0	185.7	65.7	-120.0
80900	LAKEVWG518.0	211.9	361.9	150.0	74906	NRTPTG1 22.0	300.0	230.0	-70.0
81765	NANTICG622.0	500.0	650.0	150.0	79390	BOW2 20.0	500.0	400.0	-100.0
					79538	POLETGT218.0	146.3	86.3	-60.0
					79539	POLETSTG18.0	171.5	111.5	-60.0
					79540	POLETGT118.0	176.3	106.3	-70.0

LOADINGS AT OR ABOVE 100.0 % OF RATING ARE MARKED WITH '*'						<----- BASE CASE ----->						
<----- FROM -----> <----- TO -----> CKT						TOTAL	PRE-	POST-	LIMIT			
						TRANS	RATING	SHIFT	SHIFT	CASE	DISTR.	
						CAPAB	A	MW	MW	MW	FACTOR	
INTERFACE CENTRAL EAST						2879.5	3100	2559.1	3054.0	3100.0*	0.49492	
74344	PLTVLLEY	345	78701	LEEDS 3	345 2	3135.4	1331	-1058.	-1260.	-1279.	-0.20216	
74344	PLTVLLEY	345	78705	ATHENS	345 1	3404.4	1331	-1020.	-1212.	-1230.	-0.19239	
75400	COOPC345	345	75403	FRASR345	345 1	3515.5	1207	-870.3	-1065.	-1083.	-0.19472	
INTERFACE TOTAL EAST						3773.4	6500	4512.3	5512.8	5605.7	1.00049	
78450	EDIC	345	78702	N.SCOT77	345 1	4263.2	1331	860.9	1050.7	1068.3	0.18983	
78703	N.SCOT99	345	79583	MARCY T1	345 1	4352.0	1487	-961.3	-1166.	-1185.	-0.20492	
74002	ROSETON	345	74331	FISHKILL	345 1	4439.2	1935	1440.5	1626.9	1644.2	0.18642	
75403	FRASR345	345	75405	OAKDL345	345 1	4638.3	1255	-672.0	-876.4	-895.4	-0.20445	
78701	LEEDS 3	345	78702	N.SCOT77	345 1	4662.5	1331	-786.8	-976.0	-993.6	-0.18925	
78450	EDIC	345	77400	CLAY	345 2	4668.5	1033	-571.6	-731.7	-746.5	-0.16012	
78450	EDIC	345	77400	CLAY	345 1	4689.3	1033	-569.8	-729.4	-744.2	-0.15959	
78701	LEEDS 3	345	78703	N.SCOT99	345 2	4702.0	1331	-782.6	-970.7	-988.2	-0.18811	
74001	ROCK TAV	345	74347	RAMAPO	345 1	5574.0	1720	814.1	1053.3	1075.5	0.23919	
INTERFACE CENT E+FGILB						5689.6	5600	3027.9	3686.9	3748.1	0.65900	
75400	COOPC345	345	79304	N.M.TAP	345 1	5765.3	1464	771.3	945.4	961.6	0.17410	
INTERFACE CE GROUP						5841.8	8438	4381.0	5381.5	5474.4	1.00049	
78701	LEEDS 3	345	78705	ATHENS	345 1	5847.4	1331	549.8	742.2	760.0	0.19238	
78460	PORTER 2	230	78980	ROTRDM.2	230 2	5930.4	439	246.7	293.1	297.4	0.04640	
INTERFACE VOLNEY EAST						5973.1	7190	3420.2	4320.7	4404.3	0.90050	

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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	0.22705	672.0
75469 KATEL115	115 75467 JENN 115	115 1	0.01086	69.1
75488 OAKDL115	115 75444 DELHI115	115 1	0.01372	44.8
75513 WILET115	115 75446 E.NOR115	115 1	0.01211	60.8
77400 CLAY	345 78450 EDIC	345 1	0.17722	569.8
77400 CLAY	345 78450 EDIC	345 2	0.17781	571.6
77406 VOLNEY	345 79583 MARCY T1	345 1	0.17390	689.1
77426 BRDGPORT	115 78484 PETRBORO	115 1	0.01262	34.8
77466 LTHSE HL	115 78005 BLACK RV	115 1	0.00494	-8.3
77466 LTHSE HL	115 78018 E WTRTWN	115 1	0.00493	-4.7
77494 TEALL	115 78483 ONEIDA	115 1	0.01268	33.3
77500 WHITMAN	115 78483 ONEIDA	115 1	0.00744	-12.2
77779 OMEGAWIR	34.5 78610 CAMDEN	34.5 1	0.00000	-2.8
79580 JA FITZP	345 78450 EDIC	345 1	0.16472	702.9
TOTALS FOR INTERFACE VOLNEY EAST			1.00000	3420.2

TOTAL TRANS CAPAB	LIMITING ELEMENT	FROM	TO	CKT	DISTR. FACTOR	PRE-SHIFT MW	RATING BAS/CNT A/C	CONTINGENCY DESCRIPTION
1700.0	79303 SMAHWAH2	345	5028 WALDWICK	345 1	0.03116	642.6	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
3038.5	INTERFACE CENTRAL EAST				0.73034	3378.8	3100.0	OPEN 78450 [EDIC 345] TO 75403 [FRASR345 345] CKT 1 OPEN 79583 [MARCY T1 345] TO 75400 [COOPC345 345] CKT 1
3302.6	INTERFACE CENTRAL EAST				0.69929	3182.2	3100.0	OPEN 79583 [MARCY T1 345] TO 75400 [COOPC345 345] CKT 1 OPEN 75403 [FRASR345 345] TO 75400 [COOPC345 345] CKT 1
3497.1	INTERFACE CENTRAL EAST				0.67656	3047.9	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
3533.7	INTERFACE CENTRAL EAST				0.54961	3037.6	3100.0	SET BUS 71786 [SANDY PD 345] LOAD TO 0 MW DISPATCH
3533.7 *	INTERFACE CENTRAL EAST				0.54961	3037.6	3100.0	OPEN 70509 [SB RCTOR 115] TO 70508 [SANDB115 115] CKT 2 SET BUS 71786 [SANDY PD 345] LOAD TO 0 MW DISPATCH
3963.7	INTERFACE TOTAL EAST				1.11104	5896.1	6500.0	OPEN 70509 [SB RCTOR 115] TO 70508 [SANDB115 115] CKT 2 SET BUS 71786 [SANDY PD 345] LOAD TO 0 MW DISPATCH
3963.7	INTERFACE TOTAL EAST				1.11104	5896.1	6500.0	SET BUS 71786 [SANDY PD 345] LOAD TO 0 MW DISPATCH
4082.4	74344 PLTVLLEY	345	78701 LEEDS	3 345 2	-0.31962	-1512.3	1724.0	OPEN 78705 [ATHENS 345] TO 74344 [PLTVLLEY 345] CKT 1
4133.9	INTERFACE TOTAL EAST				1.11104	5707.0	6500.0	REMOVE MACHINE 1 FROM BUS 72869 [SBRK G1 25.0] DISPATCH
4133.9	INTERFACE TOTAL EAST				1.11104	5707.0	6500.0	OPEN 70509 [SB RCTOR 115] TO 70508 [SANDB115 115] CKT 2 REMOVE MACHINE 1 FROM BUS 72869 [SBRK G1 25.0] DISPATCH
4163.0 *	INTERFACE TOTAL EAST				1.11104	5674.6	6500.0	OPEN 70509 [SB RCTOR 115] TO 70508 [SANDB115 115] CKT 2 REMOVE MACHINE 3 FROM BUS 73563 [MILL#3 24.0] DISPATCH
4211.5	74344 PLTVLLEY	345	78705 ATHENS	345 1	-0.31085	-1478.0	1724.0	OPEN 78701 [LEEDS 3 345] TO 74344 [PLTVLLEY 345] CKT 2
4244.2	74344 PLTVLLEY	345	78701 LEEDS	3 345 2	-0.30646	-1471.5	1724.0	OPEN 78705 [ATHENS 345] TO 74344 [PLTVLLEY 345] CKT 1 OPEN 74344 [PLTVLLEY 345] TO 74341 [MILLWOOD 345] CKT 1
4250.1	74344 PLTVLLEY	345	78701 LEEDS	3 345 2	-0.30679	-1469.4	1724.0	OPEN 78705 [ATHENS 345] TO 74344 [PLTVLLEY 345] CKT 1 OPEN 74344 [PLTVLLEY 345] TO 74356 [WOOD B 345] CKT 1
4383.5	74344 PLTVLLEY	345	78705 ATHENS	345 1	-0.29844	-1436.5	1724.0	OPEN 78701 [LEEDS 3 345] TO 74344 [PLTVLLEY 345] CKT 2 OPEN 74344 [PLTVLLEY 345] TO 74356 [WOOD B 345] CKT 1

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

TOTAL	LIMITING ELEMENT						DISTR.	PRE- RATING		CONTINGENCY DESCRIPTION			
TRANS	FROM	TO	CKT	FACTOR	MW	A/C	SHIFT	BAS/CNT					
CAPAB	FROM	TO	CKT	FACTOR	MW	A/C	SHIFT	BAS/CNT					
4520.6	74344 PLTVLLEY 345	78705 ATHENS 345	1	-0.29046	-1404.4	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
4606.3	74344 PLTVLLEY 345	78701 LEEDS 3 345	2	-0.29985	-1368.3	1724.0	OPEN	79583	[MARCY T1 345]	TO	75400	[COOPC345 345]	CKT 1
							OPEN	75403	[FRASR345 345]	TO	75400	[COOPC345 345]	CKT 1
4634.7	*74344 PLTVLLEY 345	78701 LEEDS 3 345	2	-0.22450	-1058.3	1331.0	BASE CASE						
4642.9	75403 FRASR345 345	75405 OAKDL345 345	1	-0.30059	-1012.4	1380.0	OPEN	78450	[EDIC 345]	TO	75403	[FRASR345 345]	CKT 1
							OPEN	79583	[MARCY T1 345]	TO	75400	[COOPC345 345]	CKT 1
4854.2	74344 PLTVLLEY 345	78705 ATHENS 345	1	-0.28534	-1314.8	1724.0	OPEN	79583	[MARCY T1 345]	TO	75400	[COOPC345 345]	CKT 1
							OPEN	75403	[FRASR345 345]	TO	75400	[COOPC345 345]	CKT 1
4876.9	*74344 PLTVLLEY 345	78705 ATHENS 345	1	-0.21364	-1019.8	1331.0	BASE CASE						
4927.8	78701 LEEDS 3 345	78703 N.SCOT99 345	2	-0.32819	-1229.2	1724.0	OPEN	78701	[LEEDS 3 345]	TO	78702	[N.SCOT77 345]	CKT 1
4943.9	75403 FRASR345 345	79581 GILB 345 345	1	0.32124	1034.5	1524.0	OPEN	79583	[MARCY T1 345]	TO	75400	[COOPC345 345]	CKT 1
							OPEN	75403	[FRASR345 345]	TO	75400	[COOPC345 345]	CKT 1
4970.6	78703 N.SCOT99 345	79583 MARCY T1 345	1	-0.30728	-1315.6	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
4975.0	75403 FRASR345 345	79581 GILB 345 345	1	0.32477	1019.0	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
4977.0	75400 COOPC345 345	75403 FRASR345 345	1	-0.21624	-870.3	1207.0	BASE CASE						
5049.0	78703 N.SCOT99 345	79583 MARCY T1 345	1	-0.30222	-1299.7	1792.0	OPEN	78450	[EDIC 345]	TO	75403	[FRASR345 345]	CKT 1
							OPEN	79583	[MARCY T1 345]	TO	75400	[COOPC345 345]	CKT 1
5155.4	75403 FRASR345 345	75405 OAKDL345 345	1	-0.27743	-898.6	1380.0	OPEN	77400	[CLAY 345]	TO	78450	[EDIC 345]	CKT 2
							OPEN	78450	[EDIC 345]	TO	75403	[FRASR345 345]	CKT 1
5186.4	78703 N.SCOT99 345	79583 MARCY T1 345	1	-0.30086	-1260.6	1792.0	OPEN	78450	[EDIC 345]	TO	78702	[N.SCOT77 345]	CKT 1
5214.6	75400 COOPC345 345	75403 FRASR345 345	1	-0.28967	-1183.2	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
5224.5	75403 FRASR345 345	75405 OAKDL345 345	1	-0.28334	-868.8	1380.0	OPEN	78450	[EDIC 345]	TO	75403	[FRASR345 345]	CKT 1
							OPEN	75403	[FRASR345 345]	TO	75455	[FRASR115 115]	CKT 1
5263.1	75400 COOPC345 345	79583 MARCY T1 345	1	-0.22369	-932.8	1345.0	OPEN	75403	[FRASR345 345]	TO	75400	[COOPC345 345]	CKT 1
							OPEN	75405	[OAKDL345 345]	TO	75403	[FRASR345 345]	CKT 1
5274.4	75400 COOPC345 345	75403 FRASR345 345	1	-0.28704	-1170.8	1703.0	OPEN	79583	[MARCY T1 345]	TO	75400	[COOPC345 345]	CKT 1
5277.1	75400 COOPC345 345	75403 FRASR345 345	1	-0.28697	-1170.1	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
5277.4	75403 FRASR345 345	75405 OAKDL345 345	1	-0.26950	-879.5	1380.0	OPEN	78460	[PORTER 2 230]	TO	78980	[ROTRDM.2 230]	CKT 1
							OPEN	78450	[EDIC 345]	TO	75403	[FRASR345 345]	CKT 1
5285.8	*75400 COOPC345 345	75403 FRASR345 345	1	-0.28687	-1167.8	1703.0	OPEN	79577	[MARCY765 765]	TO	79583	[MARCY T1 345]	CKT 1
							OPEN	79583	[MARCY T1 345]	TO	75400	[COOPC345 345]	CKT 1
5291.9	78703 N.SCOT99 345	79583 MARCY T1 345	1	-0.29569	-1238.5	1792.0	OPEN	79580	[JA FITZP 345]	TO	78450	[EDIC 345]	CKT 1
							OPEN	78702	[N.SCOT77 345]	TO	78450	[EDIC 345]	CKT 1
5303.5	79303 SMAHWAH2 345	5028 WALDWICK 345	1	0.04185	510.2	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
5310.7	75400 COOPC345 345	79583 MARCY T1 345	1	-0.22136	-926.5	1345.0	OPEN	75403	[FRASR345 345]	TO	75400	[COOPC345 345]	CKT 1
5313.4	75400 COOPC345 345	79583 MARCY T1 345	1	-0.22135	-925.9	1345.0	OPEN	75403	[FRASR345 345]	TO	75400	[COOPC345 345]	CKT 1
							OPEN	75400	[COOPC345 345]	TO	75440	[COOPC115 115]	CKT 1
5323.9	75400 COOPC345 345	79304 N.M.TAP 345	1	0.30789	1206.9	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 ***

TOTAL TRANS	LIMITING ELEMENT				DISTR.	PRE- RATING		CONTINGENCY DESCRIPTION							
CAPAB	FROM	TO	CKT	FACTOR	MW	A/C									
5248.1	74344	PLTVLLEY 345	78701	LEEDS 3	345	2	-0.28767	-1512.3	1724.0	OPEN	78705 [ATHENS 345]	TO	74344 [PLTVLLEY 345]	CKT 1	
5305.3	INTERFACE TOTAL EAST				1.00000	5707.0	6500.0	REMOVE MACHINE 1 FROM BUS 72869 [SBRK G1 25.0]				DISPATCH			
5305.3	INTERFACE TOTAL EAST				1.00000	5707.0	6500.0	OPEN 70509 [SB RCTOR 115]				TO 70508 [SANDB115 115]	CKT 2		
5337.7 *	INTERFACE TOTAL EAST				1.00000	5674.6	6500.0	REMOVE MACHINE 1 FROM BUS 72869 [SBRK G1 25.0]				DISPATCH			
										OPEN	70509 [SB RCTOR 115]	TO	70508 [SANDB115 115]	CKT 2	
										REMOVE MACHINE 3 FROM BUS 73563 [MILL#3 24.0]				DISPATCH	
5391.5	74344	PLTVLLEY 345	78705	ATHENS	345	1	-0.27978	-1478.0	1724.0	OPEN	78701 [LEEDS 3 345]	TO	74344 [PLTVLLEY 345]	CKT 2	
5427.8	74344	PLTVLLEY 345	78701	LEEDS 3	345	2	-0.27583	-1471.5	1724.0	OPEN	78705 [ATHENS 345]	TO	74344 [PLTVLLEY 345]	CKT 1	
										OPEN	74344 [PLTVLLEY 345]	TO	74341 [MILLWOOD 345]	CKT 1	
5434.4	74344	PLTVLLEY 345	78701	LEEDS 3	345	2	-0.27613	-1469.4	1724.0	OPEN	78705 [ATHENS 345]	TO	74344 [PLTVLLEY 345]	CKT 1	
										OPEN	74344 [PLTVLLEY 345]	TO	74356 [WOOD B 345]	CKT 1	
5582.7	74344	PLTVLLEY 345	78705	ATHENS	345	1	-0.26861	-1436.5	1724.0	OPEN	78701 [LEEDS 3 345]	TO	74344 [PLTVLLEY 345]	CKT 2	
										OPEN	74344 [PLTVLLEY 345]	TO	74356 [WOOD B 345]	CKT 1	
5735.0	74344	PLTVLLEY 345	78705	ATHENS	345	1	-0.26143	-1404.4	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	
5830.1	74344	PLTVLLEY 345	78701	LEEDS 3	345	2	-0.26988	-1368.3	1724.0	OPEN	79583 [MARCY T1 345]	TO	75400 [COOPC345 345]	CKT 1	
										OPEN	75403 [FRASR345 345]	TO	75400 [COOPC345 345]	CKT 1	
5861.7	*74344	PLTVLLEY 345	78701	LEEDS 3	345	2	-0.20207	-1058.3	1331.0	BASE CASE					
5870.9	75403	FRASR345 345	75405	OAKDL345	345	1	-0.27055	-1012.4	1380.0	OPEN	78450 [EDIC 345]	TO	75403 [FRASR345 345]	CKT 1	
										OPEN	79583 [MARCY T1 345]	TO	75400 [COOPC345 345]	CKT 1	
6105.6	74344	PLTVLLEY 345	78705	ATHENS	345	1	-0.25683	-1314.8	1724.0	OPEN	79583 [MARCY T1 345]	TO	75400 [COOPC345 345]	CKT 1	
										OPEN	75403 [FRASR345 345]	TO	75400 [COOPC345 345]	CKT 1	
6130.8	*74344	PLTVLLEY 345	78705	ATHENS	345	1	-0.19229	-1019.8	1331.0	BASE CASE					
6187.4	78701	LEEDS 3	345	78703	N.SCOT99	345	2	-0.29539	-1229.2	1724.0	OPEN	78701 [LEEDS 3 345]	TO	78702 [N.SCOT77 345]	CKT 1
6205.3	75403	FRASR345 345	79581	GILB 345	345	1	0.28914	1034.5	1524.0	OPEN	79583 [MARCY T1 345]	TO	75400 [COOPC345 345]	CKT 1	
										OPEN	75403 [FRASR345 345]	TO	75400 [COOPC345 345]	CKT 1	
6235.0	78703	N.SCOT99 345	79583	MARCY T1	345	1	-0.27657	-1315.6	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	
6239.9	75403	FRASR345 345	79581	GILB 345	345	1	0.29231	1019.0	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	
6242.0	75400	COOPC345 345	75403	FRASR345	345	1	-0.19463	-870.3	1207.0	BASE CASE					
6322.0	78703	N.SCOT99 345	79583	MARCY T1	345	1	-0.27202	-1299.7	1792.0	OPEN	78450 [EDIC 345]	TO	75403 [FRASR345 345]	CKT 1	
										OPEN	79583 [MARCY T1 345]	TO	75400 [COOPC345 345]	CKT 1	
6440.2	75403	FRASR345 345	75405	OAKDL345	345	1	-0.24970	-898.6	1380.0	OPEN	77400 [CLAY 345]	TO	78450 [EDIC 345]	CKT 2	
										OPEN	78450 [EDIC 345]	TO	75403 [FRASR345 345]	CKT 1	
6474.7	78703	N.SCOT99 345	79583	MARCY T1	345	1	-0.27079	-1260.6	1792.0	OPEN	78450 [EDIC 345]	TO	78702 [N.SCOT77 345]	CKT 1	
6506.0	75400	COOPC345 345	75403	FRASR345	345	1	-0.26072	-1183.2	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	
6517.0	75403	FRASR345 345	75405	OAKDL345	345	1	-0.25502	-868.8	1380.0	OPEN	78450 [EDIC 345]	TO	75403 [FRASR345 345]	CKT 1	
										OPEN	75403 [FRASR345 345]	TO	75455 [FRASR115 115]	CKT 1	
6559.9	75400	COOPC345 345	79583	MARCY T1	345	1	-0.20133	-932.8	1345.0	OPEN	75403 [FRASR345 345]	TO	75400 [COOPC345 345]	CKT 1	
										OPEN	75405 [OAKDL345 345]	TO	75403 [FRASR345 345]	CKT 1	
6572.5	75400	COOPC345 345	75403	FRASR345	345	1	-0.25835	-1170.8	1703.0	OPEN	79583 [MARCY T1 345]	TO	75400 [COOPC345 345]	CKT 1	
6575.5	75400	COOPC345 345	75403	FRASR345	345	1	-0.25829	-1170.1	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 ->

						DISTR.	PRE-
<----- FROM ----->	<----- TO ----->	CKT	FACTOR	MW		SHIFT	
75447 E.SPR115	115 79136 INGHAM-E	115 1	0.01740	12.8			
78450 EDIC	345 78702 N.SCOT77	345 1	0.38356	860.9			
78460 PORTER 2	230 78980 ROTRDM.2	230 1	0.09124	240.3			
78460 PORTER 2	230 78980 ROTRDM.2	230 2	0.09375	246.7			
78478 INGMS-CD	115 79136 INGHAM-E	115 1	0.00000	119.9			
79583 MARCY T1	345 78703 N.SCOT99	345 1	0.41405	961.3			
79602 PLAT T#3	115 70511 GRAND IS	115 1	0.00000	117.1			
TOTALS FOR INTERFACE CENTRAL EAST					1.00000	2559.1	

TOTAL	TRANS	CAPAB	LIMITING ELEMENT	DISTR.	PRE- RATING	SHIFT	BAS/CNT	CONTINGENCY	DESCRIPTION
	<----- FROM ----->	<----- TO ----->	CKT	FACTOR	MW	A/C			
1613.7	79303 SMAHWAH2	345 5028 WALDWICK	345 1	0.05670	642.6	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	
2349.3		INTERFACE CENTRAL EAST		1.32883	3378.8	3100.0		OPEN 78450 [EDIC 345] TO 75403 [FRASR345 345] CKT 1	
								OPEN 79583 [MARCY T1 345] TO 75400 [COOPC345 345] CKT 1	
2494.5		INTERFACE CENTRAL EAST		1.27234	3182.2	3100.0		OPEN 79583 [MARCY T1 345] TO 75400 [COOPC345 345] CKT 1	
								OPEN 75403 [FRASR345 345] TO 75400 [COOPC345 345] CKT 1	
2601.4		INTERFACE CENTRAL EAST		1.23098	3047.9	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	
2621.5		INTERFACE CENTRAL EAST		1.00000	3037.6	3100.0		SET BUS 71786 [SANDY PD 345] LOAD TO 0 MW DISPATCH	
2621.5 *		INTERFACE CENTRAL EAST		1.00000	3037.6	3100.0		OPEN 70509 [SB RCTOR 115] TO 70508 [SANDB115 115] CKT 2	
								SET BUS 71786 [SANDY PD 345] LOAD TO 0 MW DISPATCH	
2857.9		INTERFACE TOTAL EAST		2.02149	5896.1	6500.0		OPEN 70509 [SB RCTOR 115] TO 70508 [SANDB115 115] CKT 2	
								SET BUS 71786 [SANDY PD 345] LOAD TO 0 MW DISPATCH	
2857.9		INTERFACE TOTAL EAST		2.02149	5896.1	6500.0		SET BUS 71786 [SANDY PD 345] LOAD TO 0 MW DISPATCH	
2923.1	74344 PLTVLLEY	345 78701 LEEDS 3	345 2	-0.58153	-1512.3	1724.0		OPEN 78705 [ATHENS 345] TO 74344 [PLTVLLEY 345] CKT 1	
2951.4		INTERFACE TOTAL EAST		2.02149	5707.0	6500.0		REMOVE MACHINE 1 FROM BUS 72869 [SBRK G1 25.0] DISPATCH	
2951.4		INTERFACE TOTAL EAST		2.02149	5707.0	6500.0		OPEN 70509 [SB RCTOR 115] TO 70508 [SANDB115 115] CKT 2	
								REMOVE MACHINE 1 FROM BUS 72869 [SBRK G1 25.0] DISPATCH	
2967.4 *		INTERFACE TOTAL EAST		2.02149	5674.6	6500.0		OPEN 70509 [SB RCTOR 115] TO 70508 [SANDB115 115] CKT 2	
								REMOVE MACHINE 3 FROM BUS 73563 [MILL#3 24.0] DISPATCH	
2994.0	74344 PLTVLLEY	345 78705 ATHENS	345 1	-0.56558	-1478.0	1724.0		OPEN 78701 [LEEDS 3 345] TO 74344 [PLTVLLEY 345] CKT 2	
3012.0	74344 PLTVLLEY	345 78701 LEEDS 3	345 2	-0.55760	-1471.5	1724.0		OPEN 78705 [ATHENS 345] TO 74344 [PLTVLLEY 345] CKT 1	
								OPEN 74344 [PLTVLLEY 345] TO 74341 [MILLWOOD 345] CKT 1	
3015.3	74344 PLTVLLEY	345 78701 LEEDS 3	345 2	-0.55819	-1469.4	1724.0		OPEN 78705 [ATHENS 345] TO 74344 [PLTVLLEY 345] CKT 1	
								OPEN 74344 [PLTVLLEY 345] TO 74356 [WOOD B 345] CKT 1	
3088.6	74344 PLTVLLEY	345 78705 ATHENS	345 1	-0.54300	-1436.5	1724.0		OPEN 78701 [LEEDS 3 345] TO 74344 [PLTVLLEY 345] CKT 2	
								OPEN 74344 [PLTVLLEY 345] TO 74356 [WOOD B 345] CKT 1	
3163.9	74344 PLTVLLEY	345 78705 ATHENS	345 1	-0.52849	-1404.4	1724.0		OPEN 78701 [LEEDS 3 345] TO 74344 [PLTVLLEY 345] CKT 2	
								OPEN 74344 [PLTVLLEY 345] TO 74356 [WOOD B 345] CKT 1	
3211.0	74344 PLTVLLEY	345 78701 LEEDS 3	345 2	-0.54556	-1368.3	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	
								OPEN 79583 [MARCY T1 345] TO 75400 [COOPC345 345] CKT 1	
								OPEN 75403 [FRASR345 345] TO 75400 [COOPC345 345] CKT 1	
3226.7	*74344 PLTVLLEY	345 78701 LEEDS 3	345 2	-0.40847	-1058.3	1331.0		BASE CASE	
3231.2	75403 FRASR345	345 75405 OAKDL345	345 1	-0.54692	-1012.4	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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*** TLTG TRANSFER LIMIT OUTPUT FOR INTERFACE CENTRAL EAST ***

TOTAL	LIMITING ELEMENT						DISTR.	PRE- RATING		CONTINGENCY DESCRIPTION			
TRANS	FROM	TO	CKT	FACTOR	MW	A/C	SHIFT	BAS/CNT					
CAPAB	FROM	TO	CKT	FACTOR	MW	A/C	SHIFT	BAS/CNT					
3347.3	74344 PLTVLLEY 345	78705 ATHENS 345	1	-0.51917	-1314.8	1724.0	OPEN	79583 [MARCY T1 345]	TO	75400 [COOPC345 345]	CKT 1		
							OPEN	75403 [FRASR345 345]	TO	75400 [COOPC345 345]	CKT 1		
3359.8	*74344 PLTVLLEY 345	78705 ATHENS 345	1	-0.38872	-1019.8	1331.0	BASE	CASE					
3387.8	78701 LEEDS 3 345	78703 N.SCOT99 345	2	-0.59712	-1229.2	1724.0	OPEN	78701 [LEEDS 3 345]	TO	78702 [N.SCOT77 345]	CKT 1		
3396.6	75403 FRASR345 345	79581 GILB 345 345	1	0.58449	1034.5	1524.0	OPEN	79583 [MARCY T1 345]	TO	75400 [COOPC345 345]	CKT 1		
							OPEN	75403 [FRASR345 345]	TO	75400 [COOPC345 345]	CKT 1		
3411.3	78703 N.SCOT99 345	79583 MARCY T1 345	1	-0.55908	-1315.6	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		
3413.7	75403 FRASR345 345	79581 GILB 345 345	1	0.59090	1019.0	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		
3414.8	75400 COOPC345 345	75403 FRASR345 345	1	-0.39344	-870.3	1207.0	BASE	CASE					
3454.3	78703 N.SCOT99 345	79583 MARCY T1 345	1	-0.54989	-1299.7	1792.0	OPEN	78450 [EDIC 345]	TO	75403 [FRASR345 345]	CKT 1		
							OPEN	79583 [MARCY T1 345]	TO	75400 [COOPC345 345]	CKT 1		
3512.8	75403 FRASR345 345	75405 OAKDL345 345	1	-0.50477	-898.6	1380.0	OPEN	77400 [CLAY 345]	TO	78450 [EDIC 345]	CKT 2		
							OPEN	78450 [EDIC 345]	TO	75403 [FRASR345 345]	CKT 1		
3529.9	78703 N.SCOT99 345	79583 MARCY T1 345	1	-0.54740	-1260.6	1792.0	OPEN	78450 [EDIC 345]	TO	78702 [N.SCOT77 345]	CKT 1		
3545.4	75400 COOPC345 345	75403 FRASR345 345	1	-0.52704	-1183.2	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		
3550.8	75403 FRASR345 345	75405 OAKDL345 345	1	-0.51553	-868.8	1380.0	OPEN	78450 [EDIC 345]	TO	75403 [FRASR345 345]	CKT 1		
							OPEN	75403 [FRASR345 345]	TO	75455 [FRASR115 115]	CKT 1		
3572.0	75400 COOPC345 345	79583 MARCY T1 345	1	-0.40699	-932.8	1345.0	OPEN	75403 [FRASR345 345]	TO	75400 [COOPC345 345]	CKT 1		
							OPEN	75405 [OAKDL345 345]	TO	75403 [FRASR345 345]	CKT 1		
3578.2	75400 COOPC345 345	75403 FRASR345 345	1	-0.52226	-1170.8	1703.0	OPEN	79583 [MARCY T1 345]	TO	75400 [COOPC345 345]	CKT 1		
3579.7	75400 COOPC345 345	75403 FRASR345 345	1	-0.52214	-1170.1	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		
3579.9	75403 FRASR345 345	75405 OAKDL345 345	1	-0.49034	-879.5	1380.0	OPEN	78460 [PORTER 2 230]	TO	78980 [ROTRDM.2 230]	CKT 1		
							OPEN	78450 [EDIC 345]	TO	75403 [FRASR345 345]	CKT 1		
3584.5	*75400 COOPC345 345	75403 FRASR345 345	1	-0.52195	-1167.8	1703.0	OPEN	79577 [MARCY765 765]	TO	79583 [MARCY T1 345]	CKT 1		
							OPEN	79583 [MARCY T1 345]	TO	75400 [COOPC345 345]	CKT 1		
3587.9	78703 N.SCOT99 345	79583 MARCY T1 345	1	-0.53800	-1238.5	1792.0	OPEN	79580 [JA FITZP 345]	TO	78450 [EDIC 345]	CKT 1		
							OPEN	78702 [N.SCOT77 345]	TO	78450 [EDIC 345]	CKT 1		
3594.2	79303 SMAHWAH2 345	5028 WALDWICK 345	1	0.07615	510.2	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		
3598.2	75400 COOPC345 345	79583 MARCY T1 345	1	-0.40277	-926.5	1345.0	OPEN	75403 [FRASR345 345]	TO	75400 [COOPC345 345]	CKT 1		
3599.7	75400 COOPC345 345	79583 MARCY T1 345	1	-0.40274	-925.9	1345.0	OPEN	75403 [FRASR345 345]	TO	75400 [COOPC345 345]	CKT 1		
							OPEN	75400 [COOPC345 345]	TO	75440 [COOPC115 115]	CKT 1		
3605.4	75400 COOPC345 345	79304 N.M.TAP 345	1	0.56019	1206.9	1793.0	OPEN	74001 [ROCK TAV 345]	TO	75400 [COOPC345 345]	CKT 2		
							OPEN	75400 [COOPC345 345]	TO	75440 [COOPC115 115]	CKT 1		
3608.4	78450 EDIC 345	78702 N.SCOT77 345	1	0.52013	1178.2	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		
3609.6	78450 EDIC 345	78702 N.SCOT77 345	1	0.52003	1177.7	1724.0	OPEN	78703 [N.SCOT99 345]	TO	79583 [MARCY T1 345]	CKT 1		
3611.0	75400 COOPC345 345	79304 N.M.TAP 345	1	0.55977	1204.2	1793.0	OPEN	75400 [COOPC345 345]	TO	74001 [ROCK TAV 345]	CKT 2		
3622.0	78450 EDIC 345	78702 N.SCOT77 345	1	0.51945	1171.9	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		
3623.1	*75403 FRASR345 345	75405 OAKDL345 345	1	-0.48462	-864.4	1380.0	OPEN	75403 [FRASR345 345]	TO	78450 [EDIC 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.	PRE-SHIFT
FROM	TO	CKT	FACTOR	MW
75403 FRASR345 345	79581 GILB 345 345	1	0.24898	468.8
75447 E.SPR115 115	79136 INGHAM-E 115	1	0.01307	12.8
78450 EDIC 345	78702 N.SCOT77 345	1	0.28806	860.9
78460 PORTER 2 230	78980 ROTRDM.2 230	1	0.06852	240.3
78460 PORTER 2 230	78980 ROTRDM.2 230	2	0.07041	246.7
78478 INGMS-CD 115	79136 INGHAM-E 115	1	0.00000	119.9
79583 MARCY T1 345	78703 N.SCOT99 345	1	0.31096	961.3
79602 PLAT T#3 115	70511 GRAND IS 115	1	0.00000	117.1
TOTALS FOR INTERFACE CENT E+FGILB			1.00000	3027.9

TOTAL TRANS	FROM	TO	CKT	DISTR.	PRE-RATING	DESCRIPTION
CAPAB	FROM	TO	CKT	FACTOR	MW A/C	CONTINGENCY DESCRIPTION
1769.1	79303 SMAHWAH2 345	5028 WALDWICK 345	1	0.04258	642.6 589.0	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
2748.6	INTERFACE CENTRAL EAST			0.99798	3378.8 3100.0	OPEN 78450 [EDIC 345] TO 75403 [FRASR345 345] CKT 1
						OPEN 79583 [MARCY T1 345] TO 75400 [COOPC345 345] CKT 1
2941.9	INTERFACE CENTRAL EAST			0.95555	3182.2 3100.0	OPEN 79583 [MARCY T1 345] TO 75400 [COOPC345 345] CKT 1
						OPEN 75403 [FRASR345 345] TO 75400 [COOPC345 345] CKT 1
3084.3	INTERFACE CENTRAL EAST			0.92449	3047.9 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
3111.1	INTERFACE CENTRAL EAST			0.75102	3037.6 3100.0	SET BUS 71786 [SANDY PD 345] LOAD TO 0 MW DISPATCH
3111.1 *	INTERFACE CENTRAL EAST			0.75102	3037.6 3100.0	OPEN 70509 [SB RCTOR 115] TO 70508 [SANDB115 115] CKT 2
						SET BUS 71786 [SANDY PD 345] LOAD TO 0 MW DISPATCH
3425.7	INTERFACE TOTAL EAST			1.51818	5896.1 6500.0	OPEN 70509 [SB RCTOR 115] TO 70508 [SANDB115 115] CKT 2
						SET BUS 71786 [SANDY PD 345] LOAD TO 0 MW DISPATCH
3425.7	INTERFACE TOTAL EAST			1.51818	5896.1 6500.0	SET BUS 71786 [SANDY PD 345] LOAD TO 0 MW DISPATCH
3512.6	74344 PLTVLLEY 345	78701 LEEDS 3	345 2	-0.43674	-1512.3 1724.0	OPEN 78705 [ATHENS 345] TO 74344 [PLTVLLEY 345] CKT 1
3550.3	INTERFACE TOTAL EAST			1.51818	5707.0 6500.0	REMOVE MACHINE 1 FROM BUS 72869 [SBRK G1 25.0] DISPATCH
3550.3	INTERFACE TOTAL EAST			1.51818	5707.0 6500.0	OPEN 70509 [SB RCTOR 115] TO 70508 [SANDB115 115] CKT 2
						REMOVE MACHINE 1 FROM BUS 72869 [SBRK G1 25.0] DISPATCH
3571.6 *	INTERFACE TOTAL EAST			1.51818	5674.6 6500.0	OPEN 70509 [SB RCTOR 115] TO 70508 [SANDB115 115] CKT 2
						REMOVE MACHINE 3 FROM BUS 73563 [MILL#3 24.0] DISPATCH
3607.0	74344 PLTVLLEY 345	78705 ATHENS 345	345 1	-0.42476	-1478.0 1724.0	OPEN 78701 [LEEDS 3 345] TO 74344 [PLTVLLEY 345] CKT 2
3631.0	74344 PLTVLLEY 345	78701 LEEDS 3	345 2	-0.41877	-1471.5 1724.0	OPEN 78705 [ATHENS 345] TO 74344 [PLTVLLEY 345] CKT 1
						OPEN 74344 [PLTVLLEY 345] TO 74341 [MILLWOOD 345] CKT 1
3635.3	74344 PLTVLLEY 345	78701 LEEDS 3	345 2	-0.41921	-1469.4 1724.0	OPEN 78705 [ATHENS 345] TO 74344 [PLTVLLEY 345] CKT 1
						OPEN 74344 [PLTVLLEY 345] TO 74356 [WOOD B 345] CKT 1
3733.0	74344 PLTVLLEY 345	78705 ATHENS 345	345 1	-0.40780	-1436.5 1724.0	OPEN 78701 [LEEDS 3 345] TO 74344 [PLTVLLEY 345] CKT 2
						OPEN 74344 [PLTVLLEY 345] TO 74356 [WOOD B 345] CKT 1
3833.3	74344 PLTVLLEY 345	78705 ATHENS 345	345 1	-0.39690	-1404.4 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
3896.0	74344 PLTVLLEY 345	78701 LEEDS 3	345 2	-0.40973	-1368.3 1724.0	OPEN 79583 [MARCY T1 345] TO 75400 [COOPC345 345] CKT 1
						OPEN 75403 [FRASR345 345] TO 75400 [COOPC345 345] CKT 1
3916.8	*74344 PLTVLLEY 345	78701 LEEDS 3	345 2	-0.30677	-1058.3 1331.0	BASE CASE

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

TOTAL TRANS CAPAB	LIMITING ELEMENT			DISTR. FACTOR	PRE- SHIFT MW	RATING BAS/CNT A/C	CONTINGENCY	DESCRIPTION
	FROM	TO	CKT					
3922.8	75403 FRASR345	345 75405 OAKDL345	345 1	-0.41075	-1012.4	1380.0	OPEN 78450 [EDIC 345] TO 75403 [FRASR345 345] CKT 1	
							OPEN 79583 [MARCY T1 345] TO 75400 [COOPC345 345] CKT 1	
4077.4	74344 PLTVLLEY	345 78705 ATHENS	345 1	-0.38991	-1314.8	1724.0	OPEN 79583 [MARCY T1 345] TO 75400 [COOPC345 345] CKT 1	
							OPEN 75403 [FRASR345 345] TO 75400 [COOPC345 345] CKT 1	
4094.0	*74344 PLTVLLEY	345 78705 ATHENS	345 1	-0.29194	-1019.8	1331.0	BASE CASE	
4131.3	78701 LEEDS 3	345 78703 N.SCOT99	345 2	-0.44845	-1229.2	1724.0	OPEN 78701 [LEEDS 3 345] TO 78702 [N.SCOT77 345] CKT 1	
4143.1	75403 FRASR345	345 79581 GILB 345	345 1	0.43897	1034.5	1524.0	OPEN 79583 [MARCY T1 345] TO 75400 [COOPC345 345] CKT 1	
							OPEN 75403 [FRASR345 345] TO 75400 [COOPC345 345] CKT 1	
4162.6	78703 N.SCOT99	345 79583 MARCY T1	345 1	-0.41988	-1315.6	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	
4165.8	75403 FRASR345	345 79581 GILB 345	345 1	0.44378	1019.0	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	
4167.3	75400 COOPC345	345 75403 FRASR345	345 1	-0.29548	-870.3	1207.0	BASE CASE	
4219.9	78703 N.SCOT99	345 79583 MARCY T1	345 1	-0.41298	-1299.7	1792.0	OPEN 78450 [EDIC 345] TO 75403 [FRASR345 345] CKT 1	
							OPEN 79583 [MARCY T1 345] TO 75400 [COOPC345 345] CKT 1	
4297.8	75403 FRASR345	345 75405 OAKDL345	345 1	-0.37910	-898.6	1380.0	OPEN 77400 [CLAY 345] TO 78450 [EDIC 345] CKT 2	
							OPEN 78450 [EDIC 345] TO 75403 [FRASR345 345] CKT 1	
4320.5	78703 N.SCOT99	345 79583 MARCY T1	345 1	-0.41111	-1260.6	1792.0	OPEN 78450 [EDIC 345] TO 78702 [N.SCOT77 345] CKT 1	
4341.2	75400 COOPC345	345 75403 FRASR345	345 1	-0.39582	-1183.2	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	
4348.4	75403 FRASR345	345 75405 OAKDL345	345 1	-0.38717	-868.8	1380.0	OPEN 78450 [EDIC 345] TO 75403 [FRASR345 345] CKT 1	
							OPEN 75403 [FRASR345 345] TO 75455 [FRASR115 115] CKT 1	
4376.6	75400 COOPC345	345 79583 MARCY T1	345 1	-0.30566	-932.8	1345.0	OPEN 75403 [FRASR345 345] TO 75400 [COOPC345 345] CKT 1	
							OPEN 75405 [OAKDL345 345] TO 75403 [FRASR345 345] CKT 1	
4384.9	75400 COOPC345	345 75403 FRASR345	345 1	-0.39223	-1170.8	1703.0	OPEN 79583 [MARCY T1 345] TO 75400 [COOPC345 345] CKT 1	
4386.9	75400 COOPC345	345 75403 FRASR345	345 1	-0.39214	-1170.1	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	
4387.1	75403 FRASR345	345 75405 OAKDL345	345 1	-0.36825	-879.5	1380.0	OPEN 78460 [PORTER 2 230] TO 78980 [ROTRDM.2 230] CKT 1	
							OPEN 78450 [EDIC 345] TO 75403 [FRASR345 345] CKT 1	
4393.3	*75400 COOPC345	345 75403 FRASR345	345 1	-0.39200	-1167.8	1703.0	OPEN 79577 [MARCY765 765] TO 79583 [MARCY T1 345] CKT 1	
							OPEN 79583 [MARCY T1 345] TO 75400 [COOPC345 345] CKT 1	
4397.7	78703 N.SCOT99	345 79583 MARCY T1	345 1	-0.40405	-1238.5	1792.0	OPEN 79580 [JA FITZP 345] TO 78450 [EDIC 345] CKT 1	
							OPEN 78702 [N.SCOT77 345] TO 78450 [EDIC 345] CKT 1	
4406.2	79303 SMAHWAH2	345 5028 WALDWICK	345 1	0.05719	510.2	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	
4411.5	75400 COOPC345	345 79583 MARCY T1	345 1	-0.30248	-926.5	1345.0	OPEN 75403 [FRASR345 345] TO 75400 [COOPC345 345] CKT 1	
4413.4	75400 COOPC345	345 79583 MARCY T1	345 1	-0.30247	-925.9	1345.0	OPEN 75403 [FRASR345 345] TO 75400 [COOPC345 345] CKT 1	
							OPEN 75400 [COOPC345 345] TO 75440 [COOPC115 115] CKT 1	
4421.1	75400 COOPC345	345 79304 N.M.TAP	345 1	0.42071	1206.9	1793.0	OPEN 74001 [ROCK TAV 345] TO 75400 [COOPC345 345] CKT 2	
							OPEN 75400 [COOPC345 345] TO 75440 [COOPC115 115] CKT 1	
4425.1	78450 EDIC	345 78702 N.SCOT77	345 1	0.39063	1178.2	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	
4426.7	78450 EDIC	345 78702 N.SCOT77	345 1	0.39055	1177.7	1724.0	OPEN 78703 [N.SCOT99 345] TO 79583 [MARCY T1 345] CKT 1	
4428.6	75400 COOPC345	345 79304 N.M.TAP	345 1	0.42040	1204.2	1793.0	OPEN 75400 [COOPC345 345] TO 74001 [ROCK TAV 345] CKT 2	

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

-<- INTERFACE 'CE GROUP		' DEFINITION ->		PRE-
FROM	TO	CKT	DISTR. FACTOR	SHIFT MW
75512 W.WDB115	115 76210 W.WDBR6969.0	1	0.00483	15.4
75403 FRASR345	345 79581 GILB 345 345	1	0.16400	468.8
75400 COOPC345	345 74001 ROCK TAV 345	2	0.16248	683.5
75400 COOPC345	345 79304 N.M.TAP 345	1	0.17401	771.3
75447 E.SPR115	115 79136 INGHAM-E 115	1	0.00861	12.8
78450 EDIC	345 78702 N.SCOT77 345	1	0.18974	860.9
78460 PORTER 2	230 78980 ROTRDM.2 230	1	0.04513	240.3
78460 PORTER 2	230 78980 ROTRDM.2 230	2	0.04638	246.7
78478 INGMS-CD	115 79136 INGHAM-E 115	1	0.00000	119.9
79583 MARCY T1	345 78703 N.SCOT99 345	1	0.20482	961.3
TOTALS FOR INTERFACE CE GROUP				4381.0

TOTAL TRANS	LIMITING ELEMENT		DISTR. FACTOR	PRE- SHIFT MW	RATING BAS/CNT	CONTINGENCY DESCRIPTION	
CAPAB	FROM	TO	CKT	MW	A/C		
2469.8	79303 SMAHWAH2	345 5028 WALDWICK	345 1	0.02805	642.6	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
3956.9	INTERFACE CENTRAL EAST			0.65735	3378.8	3100.0	OPEN 78450 [EDIC 345] TO 75403 [FRASR345 345] CKT 1 OPEN 79583 [MARCY T1 345] TO 75400 [COOPC345 345] CKT 1
4250.4	INTERFACE CENTRAL EAST			0.62940	3182.2	3100.0	OPEN 79583 [MARCY T1 345] TO 75400 [COOPC345 345] CKT 1 OPEN 75403 [FRASR345 345] TO 75400 [COOPC345 345] CKT 1
4466.5	INTERFACE CENTRAL EAST			0.60894	3047.9	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
4507.2	INTERFACE CENTRAL EAST			0.49468	3037.6	3100.0	SET BUS 71786 [SANDY PD 345] LOAD TO 0 MW DISPATCH
4507.2 *	INTERFACE CENTRAL EAST			0.49468	3037.6	3100.0	OPEN 70509 [SB RCTOR 115] TO 70508 [SANDB115 115] CKT 2 SET BUS 71786 [SANDY PD 345] LOAD TO 0 MW DISPATCH
4984.9	INTERFACE TOTAL EAST			1.00000	5896.1	6500.0	OPEN 70509 [SB RCTOR 115] TO 70508 [SANDB115 115] CKT 2 SET BUS 71786 [SANDY PD 345] LOAD TO 0 MW DISPATCH
4984.9	INTERFACE TOTAL EAST			1.00000	5896.1	6500.0	SET BUS 71786 [SANDY PD 345] LOAD TO 0 MW DISPATCH
5116.8	74344 PLTVLLEY	345 78701 LEEDS	3 345 2	-0.28767	-1512.3	1724.0	OPEN 78705 [ATHENS 345] TO 74344 [PLTVLLEY 345] CKT 1
5174.0	INTERFACE TOTAL EAST			1.00000	5707.0	6500.0	REMOVE MACHINE 1 FROM BUS 72869 [SBRK G1 25.0] DISPATCH
5174.0	INTERFACE TOTAL EAST			1.00000	5707.0	6500.0	OPEN 70509 [SB RCTOR 115] TO 70508 [SANDB115 115] CKT 2 REMOVE MACHINE 1 FROM BUS 72869 [SBRK G1 25.0] DISPATCH
5206.4 *	INTERFACE TOTAL EAST			1.00000	5674.6	6500.0	OPEN 70509 [SB RCTOR 115] TO 70508 [SANDB115 115] CKT 2 REMOVE MACHINE 3 FROM BUS 73563 [MILL#3 24.0] DISPATCH
5260.2	74344 PLTVLLEY	345 78705 ATHENS	345 1	-0.27978	-1478.0	1724.0	OPEN 78701 [LEEDS 3 345] TO 74344 [PLTVLLEY 345] CKT 2
5296.5	74344 PLTVLLEY	345 78701 LEEDS	3 345 2	-0.27583	-1471.5	1724.0	OPEN 78705 [ATHENS 345] TO 74344 [PLTVLLEY 345] CKT 1 OPEN 74344 [PLTVLLEY 345] TO 74341 [MILLWOOD 345] CKT 1
5303.1	74344 PLTVLLEY	345 78701 LEEDS	3 345 2	-0.27613	-1469.4	1724.0	OPEN 78705 [ATHENS 345] TO 74344 [PLTVLLEY 345] CKT 1 OPEN 74344 [PLTVLLEY 345] TO 74356 [WOOD B 345] CKT 1
5451.3	74344 PLTVLLEY	345 78705 ATHENS	345 1	-0.26861	-1436.5	1724.0	OPEN 78701 [LEEDS 3 345] TO 74344 [PLTVLLEY 345] CKT 2 OPEN 74344 [PLTVLLEY 345] TO 74356 [WOOD B 345] CKT 1
5603.7	74344 PLTVLLEY	345 78705 ATHENS	345 1	-0.26143	-1404.4	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
5698.8	74344 PLTVLLEY	345 78701 LEEDS	3 345 2	-0.26988	-1368.3	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 CE GROUP ***

TOTAL TRANS	LIMITING ELEMENT				DISTR.	PRE- RATING		CONTINGENCY DESCRIPTION				
CAPAB	FROM	TO	CKT	FACTOR	MW	A/C						
5730.4	*74344	PLTVLLEY 345	78701	LEEDS 3 345 2	-0.20206	-1058.3	1331.0	BASE	CASE			
5739.6	75403	FRASR345 345	75405	OAKDL345 345 1	-0.27055	-1012.4	1380.0	OPEN	78450 [EDIC 345] TO 75403 [FRASR345 345] CKT 1			
								OPEN	79583 [MARCY T1 345] TO 75400 [COOPC345 345] CKT 1			
5974.3	74344	PLTVLLEY 345	78705	ATHENS 345 1	-0.25683	-1314.8	1724.0	OPEN	79583 [MARCY T1 345] TO 75400 [COOPC345 345] CKT 1			
								OPEN	75403 [FRASR345 345] TO 75400 [COOPC345 345] CKT 1			
5999.5	*74344	PLTVLLEY 345	78705	ATHENS 345 1	-0.19229	-1019.8	1331.0	BASE	CASE			
6056.1	78701	LEEDS 3 345	78703	N.SCOT99 345 2	-0.29539	-1229.2	1724.0	OPEN	78701 [LEEDS 3 345] TO 78702 [N.SCOT77 345] CKT 1			
6074.0	75403	FRASR345 345	79581	GILB 345 345 1	0.28914	1034.5	1524.0	OPEN	79583 [MARCY T1 345] TO 75400 [COOPC345 345] CKT 1			
								OPEN	75403 [FRASR345 345] TO 75400 [COOPC345 345] CKT 1			
6103.6	78703	N.SCOT99 345	79583	MARCY T1 345 1	-0.27657	-1315.6	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			
6108.6	75403	FRASR345 345	79581	GILB 345 345 1	0.29231	1019.0	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			
6110.7	75400	COOPC345 345	75403	FRASR345 345 1	-0.19463	-870.3	1207.0	BASE	CASE			
6190.7	78703	N.SCOT99 345	79583	MARCY T1 345 1	-0.27202	-1299.7	1792.0	OPEN	78450 [EDIC 345] TO 75403 [FRASR345 345] CKT 1			
								OPEN	79583 [MARCY T1 345] TO 75400 [COOPC345 345] CKT 1			
6308.9	75403	FRASR345 345	75405	OAKDL345 345 1	-0.24970	-898.6	1380.0	OPEN	77400 [CLAY 345] TO 78450 [EDIC 345] CKT 2			
								OPEN	78450 [EDIC 345] TO 75403 [FRASR345 345] CKT 1			
6343.4	78703	N.SCOT99 345	79583	MARCY T1 345 1	-0.27079	-1260.6	1792.0	OPEN	78450 [EDIC 345] TO 78702 [N.SCOT77 345] CKT 1			
6374.7	75400	COOPC345 345	75403	FRASR345 345 1	-0.26072	-1183.2	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			
6385.7	75403	FRASR345 345	75405	OAKDL345 345 1	-0.25502	-868.8	1380.0	OPEN	78450 [EDIC 345] TO 75403 [FRASR345 345] CKT 1			
								OPEN	75403 [FRASR345 345] TO 75455 [FRASR115 115] CKT 1			
6428.6	75400	COOPC345 345	79583	MARCY T1 345 1	-0.20133	-932.8	1345.0	OPEN	75403 [FRASR345 345] TO 75400 [COOPC345 345] CKT 1			
								OPEN	75405 [OAKDL345 345] TO 75403 [FRASR345 345] CKT 1			
6441.1	75400	COOPC345 345	75403	FRASR345 345 1	-0.25835	-1170.8	1703.0	OPEN	79583 [MARCY T1 345] TO 75400 [COOPC345 345] CKT 1			
6444.1	75400	COOPC345 345	75403	FRASR345 345 1	-0.25829	-1170.1	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			
6444.5	75403	FRASR345 345	75405	OAKDL345 345 1	-0.24256	-879.5	1380.0	OPEN	78460 [PORTER 2 230] TO 78980 [ROTRDM.2 230] CKT 1			
								OPEN	78450 [EDIC 345] TO 75403 [FRASR345 345] CKT 1			
6453.8	*75400	COOPC345 345	75403	FRASR345 345 1	-0.25820	-1167.8	1703.0	OPEN	79577 [MARCY765 765] TO 79583 [MARCY T1 345] CKT 1			
								OPEN	79583 [MARCY T1 345] TO 75400 [COOPC345 345] CKT 1			
6460.6	78703	N.SCOT99 345	79583	MARCY T1 345 1	-0.26614	-1238.5	1792.0	OPEN	79580 [JA FITZP 345] TO 78450 [EDIC 345] CKT 1			
								OPEN	78702 [N.SCOT77 345] TO 78450 [EDIC 345] CKT 1			
6473.4	79303	SMAHWAH2 345	5028	WALDWICK 345 1	0.03767	510.2	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			
6481.4	75400	COOPC345 345	79583	MARCY T1 345 1	-0.19924	-926.5	1345.0	OPEN	75403 [FRASR345 345] TO 75400 [COOPC345 345] CKT 1			
6484.4	75400	COOPC345 345	79583	MARCY T1 345 1	-0.19923	-925.9	1345.0	OPEN	75403 [FRASR345 345] TO 75400 [COOPC345 345] CKT 1			
								OPEN	75400 [COOPC345 345] TO 75440 [COOPC115 115] CKT 1			
6496.1	75400	COOPC345 345	79304	N.M.TAP 345 1	0.27712	1206.9	1793.0	OPEN	74001 [ROCK TAV 345] TO 75400 [COOPC345 345] CKT 2			
								OPEN	75400 [COOPC345 345] TO 75440 [COOPC115 115] CKT 1			
6502.2	78450	EDIC 345	78702	N.SCOT77 345 1	0.25730	1178.2	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			
6504.6	78450	EDIC 345	78702	N.SCOT77 345 1	0.25725	1177.7	1724.0	OPEN	78703 [N.SCOT99 345] TO 79583 [MARCY T1 345] CKT 1			
6507.5	75400	COOPC345 345	79304	N.M.TAP 345 1	0.27691	1204.2	1793.0	OPEN	75400 [COOPC345 345] TO 74001 [ROCK TAV 345] CKT 2			

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

-<- INTERFACE 'F TO G		' DEFINITION ->		PRE-	
FROM	TO	CKT	DISTR. FACTOR	SHIFT MW	
78742 BLUES-8	115 74043 PL.VAL 1	115 1	0.02169	56.5	
78739 BL STR E	115 74043 PL.VAL 1	115 1	0.02538	49.1	
78730 ADM	115 74043 PL.VAL 1	115 1	0.02251	48.3	
78757 BOC 2T	115 74040 N.CAT. 1	115 2	0.02004	84.9	
78701 LEEDS 3	345 74000 HURLEY 3	345 1	0.22582	702.4	
78705 ATHENS	345 74344 PLTVLLEY 345	1	0.33380	1019.8	
78701 LEEDS 3	345 74344 PLTVLLEY 345	2	0.35076	1058.3	
TOTALS FOR INTERFACE F TO G			1.00000	3019.2	

TOTAL TRANS CAPAB	LIMITING ELEMENT	DISTR. FACTOR	PRE-SHIFT MW	RATING BAS/CNT A/C	CONTINGENCY DESCRIPTION
2278.3	79303 SMAHWAH2 345 5028 WALDWICK 345 1	0.07235	642.6	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
3149.3	74018 SUGARLF 115 74046 ROCK TV1 115 1	-0.03625	-213.3	218.0	OPEN 79304 [N.M.TAP 345] TO 79322 [SHOEMTAP 138] CKT 1
3149.3	74018 SUGARLF 115 74046 ROCK TV1 115 1	-0.03625	-213.3	218.0	OPEN 79321 [SHOEM138 138] TO 79322 [SHOEMTAP 138] CKT 1
3160.1	74018 SUGARLF 115 79359 SGRLF69 69.0 1	0.03625	212.9	218.0	OPEN 79304 [N.M.TAP 345] TO 79322 [SHOEMTAP 138] CKT 1
3160.1	74018 SUGARLF 115 79359 SGRLF69 69.0 1	0.03625	212.9	218.0	OPEN 79321 [SHOEM138 138] TO 79322 [SHOEMTAP 138] CKT 1
3352.1	74018 SUGARLF 115 74046 ROCK TV1 115 1	-0.03696	-205.7	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
3362.6	74018 SUGARLF 115 79359 SGRLF69 69.0 1	0.03696	205.3	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
3365.5	74316 DUNWODIE 345 75000 SHORE RD 345 1	0.31150	579.1	687.0	BASE CASE
3443.1	74344 PLTVLLEY 345 78701 LEEDS 3 345 2	-0.49937	-1512.3	1724.0	OPEN 74344 [PLTVLLEY 345] TO 78705 [ATHENS 345] CKT 1
3525.7	74344 PLTVLLEY 345 78705 ATHENS 345 1	-0.48567	-1478.0	1724.0	OPEN 74344 [PLTVLLEY 345] TO 78701 [LEEDS 3 345] CKT 2
3546.5	74344 PLTVLLEY 345 78701 LEEDS 3 345 2	-0.47893	-1471.5	1724.0	OPEN 78705 [ATHENS 345] TO 74344 [PLTVLLEY 345] CKT 1 OPEN 74344 [PLTVLLEY 345] TO 74341 [MILLWOOD 345] CKT 1
3550.3	74344 PLTVLLEY 345 78701 LEEDS 3 345 2	-0.47942	-1469.4	1724.0	OPEN 78705 [ATHENS 345] TO 74344 [PLTVLLEY 345] CKT 1 OPEN 74344 [PLTVLLEY 345] TO 74356 [WOOD B 345] CKT 1
3554.7	74345 RAINEY 345 74612 8W DUM 138 8	0.51837	35.4	313.0	OPEN 74345 [RAINEY 345] TO 74611 [8E DUM 138] CKT 8
3554.7	74345 RAINEY 345 74612 8W DUM 138 8	0.51837	35.4	313.0	OPEN 74530 [RAINEY8E 138] TO 74611 [8E DUM 138] CKT 1
3554.7	74345 RAINEY 345 74612 8W DUM 138 8	0.51836	35.4	313.0	OPEN 74530 [RAINEY8E 138] TO 74556 [VERNON-E 138] CKT 1
3555.5	74345 RAINEY 345 74612 8W DUM 138 8	0.38743	32.2	240.0	BASE CASE
3635.7	74344 PLTVLLEY 345 78705 ATHENS 345 1	-0.46637	-1436.5	1724.0	OPEN 78701 [LEEDS 3 345] TO 74344 [PLTVLLEY 345] CKT 2 OPEN 74344 [PLTVLLEY 345] TO 74356 [WOOD B 345] CKT 1
3653.3	*74345 RAINEY 345 74612 8W DUM 138 8	0.38742	67.3	313.0	OPEN 74327 [FARRAGUT 345] TO 74337 [GOWANUSS 345] CKT 1 OPEN 74337 [GOWANUSS 345] TO 74335 [GOTHLS S 345] CKT 1 OPEN 74315 [COGNTECH 345] TO 74335 [GOTHLS S 345] CKT 1 OPEN 74315 [COGNTECH 345] TO 74335 [GOTHLS S 345] CKT 2 OPEN 74337 [GOWANUSS 345] TO 74479 [GOWNUS2T 138] CKT 1
3666.8	74345 RAINEY 345 74611 8E DUM 138 8	0.52289	20.4	359.0	OPEN 74345 [RAINEY 345] TO 74612 [8W DUM 138] CKT 8
3666.8	74345 RAINEY 345 74611 8E DUM 138 8	0.52289	20.4	359.0	OPEN 74531 [RAINEY8W 138] TO 74612 [8W DUM 138] CKT 1
3666.9	74345 RAINEY 345 74611 8E DUM 138 8	0.52289	20.4	359.0	OPEN 74531 [RAINEY8W 138] TO 74557 [VERNON-W 138] CKT 1
3685.4	74345 RAINEY 345 74611 8E DUM 138 8	0.39249	9.5	271.0	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	439.4	
75400 COOPC345 345 79304 N.M.TAP 345	1	0.17551	771.3	
75400 COOPC345 345 74001 ROCK TAV 345	2	0.16428	683.5	
75512 W.WDB115 115 76210 W.WDBR6969.0	1	0.00507	15.4	
78742 BLUES-8 115 74043 PL.VAL 1 115	1	0.01253	56.5	
78739 BL STR E 115 74043 PL.VAL 1 115	1	0.01466	49.1	
78730 ADM 115 74043 PL.VAL 1 115	1	0.01300	48.3	
78757 BOC 2T 115 74040 N.CAT. 1 115	2	0.01158	84.9	
78701 LEEDS 3 345 74000 HURLEY 3 345	1	0.13045	702.4	
78705 ATHENS 345 74344 PLTVLLEY 345	1	0.19282	1019.8	
78701 LEEDS 3 345 74344 PLTVLLEY 345	2	0.20261	1058.3	
73117 CTNY398 345 74344 PLTVLLEY 345	1	0.07751	-319.1	
TOTALS FOR INTERFACE UPNY-S OPEN		1.00000	4609.7	

TOTAL TRANS CAPAB	LIMITING ELEMENT	CKT	DISTR. FACTOR	PRE-SHIFT MW	RATING A/C	CONTINGENCY	DESCRIPTION
3327.1	79303 SMAHWAH2 345 5028 WALDWICK 345	1	0.04179	642.6	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	
4835.0	74018 SUGARLF 115 74046 ROCK TV1 115	1	-0.02094	-213.3	218.0	OPEN 79304 [N.M.TAP 345] TO 79322 [SHOEMTAP 138] CKT 1	
4835.0	74018 SUGARLF 115 74046 ROCK TV1 115	1	-0.02094	-213.3	218.0	OPEN 79321 [SHOEM138 138] TO 79322 [SHOEMTAP 138] CKT 1	
4853.6	74018 SUGARLF 115 79359 SGRLF69 69.0	1	0.02094	212.9	218.0	OPEN 79304 [N.M.TAP 345] TO 79322 [SHOEMTAP 138] CKT 1	
4853.6	74018 SUGARLF 115 79359 SGRLF69 69.0	1	0.02094	212.9	218.0	OPEN 79321 [SHOEM138 138] TO 79322 [SHOEMTAP 138] CKT 1	
5186.0	74018 SUGARLF 115 74046 ROCK TV1 115	1	-0.02135	-205.7	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	
5204.2	74018 SUGARLF 115 79359 SGRLF69 69.0	1	0.02135	205.3	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	
5209.2	74316 DUNWODIE 345 75000 SHORE RD 345	1	0.17994	579.1	687.0	BASE CASE	
5343.5	74344 PLTVLLEY 345 78701 LEEDS 3 345	2	-0.28846	-1512.3	1724.0	OPEN 74344 [PLTVLLEY 345] TO 78705 [ATHENS 345] CKT 1	
5486.5	74344 PLTVLLEY 345 78705 ATHENS 345	1	-0.28055	-1478.0	1724.0	OPEN 74344 [PLTVLLEY 345] TO 78701 [LEEDS 3 345] CKT 2	
5522.5	74344 PLTVLLEY 345 78701 LEEDS 3 345	2	-0.27665	-1471.5	1724.0	OPEN 78705 [ATHENS 345] TO 74344 [PLTVLLEY 345] CKT 1	
						OPEN 74344 [PLTVLLEY 345] TO 74341 [MILLWOOD 345] CKT 1	
5529.1	74344 PLTVLLEY 345 78701 LEEDS 3 345	2	-0.27694	-1469.4	1724.0	OPEN 78705 [ATHENS 345] TO 74344 [PLTVLLEY 345] CKT 1	
						OPEN 74344 [PLTVLLEY 345] TO 74356 [WOOD B 345] CKT 1	
5536.8	74345 RAINEY 345 74612 8W DUM 138	8	0.29943	35.4	313.0	OPEN 74345 [RAINEY 345] TO 74611 [8E DUM 138] CKT 8	
5536.8	74345 RAINEY 345 74612 8W DUM 138	8	0.29943	35.4	313.0	OPEN 74530 [RAINEY8E 138] TO 74611 [8E DUM 138] CKT 1	
5536.8	74345 RAINEY 345 74612 8W DUM 138	8	0.29943	35.4	313.0	OPEN 74530 [RAINEY8E 138] TO 74556 [VERNON-E 138] CKT 1	
5538.1	74345 RAINEY 345 74612 8W DUM 138	8	0.22379	32.2	240.0	BASE CASE	
5676.9	74344 PLTVLLEY 345 78705 ATHENS 345	1	-0.26940	-1436.5	1724.0	OPEN 78701 [LEEDS 3 345] TO 74344 [PLTVLLEY 345] CKT 2	
						OPEN 74344 [PLTVLLEY 345] TO 74356 [WOOD B 345] CKT 1	
5707.5	*74345 RAINEY 345 74612 8W DUM 138	8	0.22379	67.3	313.0	OPEN 74327 [FARRAGUT 345] TO 74337 [GOWANUSS 345] CKT 1	
						OPEN 74337 [GOWANUSS 345] TO 74335 [GOTHLS S 345] CKT 1	
						OPEN 74315 [COGNTECH 345] TO 74335 [GOTHLS S 345] CKT 1	
						OPEN 74315 [COGNTECH 345] TO 74335 [GOTHLS S 345] CKT 2	
						OPEN 74337 [GOWANUSS 345] TO 74479 [GOWNUS2T 138] 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	1440.5	
74026 FISHKILL 115 75762 SYLVN115 115	1	0.00963	127.7	
74022 E FISH I 115 74331 FISHKILL 345	1	0.01838	-122.1	
74340 LADENTWN 345 74313 BUCH S 345	1	0.13587	563.7	
74344 PLTVLLEY 345 74331 FISHKILL 345	1	0.07767	180.7	
74344 PLTVLLEY 345 74331 FISHKILL 345	2	0.07767	180.7	
74344 PLTVLLEY 345 74341 MILLWOOD 345	1	0.17355	621.4	
74344 PLTVLLEY 345 74356 WOOD B 345	1	0.17125	656.6	
74347 RAMAPO 345 74312 BUCH N 345	1	0.13564	161.8	
TOTALS FOR INTERFACE UPNY-C OPEN			1.00000	3810.9

TOTAL TRANS CAPAB	LIMITING ELEMENT	CKT	DISTR. FACTOR	PRE-RATING MW	BAS/CNT A/C	CONTINGENCY	DESCRIPTION
2527.0	79303 SMAHWAH2 345 5028 WALDWICK 345	1	0.04175	642.6	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	
4036.4	74018 SUGARLF 115 74046 ROCK TV1 115	1	-0.02092	-213.3	218.0	OPEN 79304 [N.M.TAP 345] TO 79322 [SHOEMTAP 138] CKT 1	
4036.4	74018 SUGARLF 115 74046 ROCK TV1 115	1	-0.02092	-213.3	218.0	OPEN 79321 [SHOEM138 138] TO 79322 [SHOEMTAP 138] CKT 1	
4055.0	74018 SUGARLF 115 79359 SGRLF69 69.0	1	0.02092	212.9	218.0	OPEN 79304 [N.M.TAP 345] TO 79322 [SHOEMTAP 138] CKT 1	
4055.0	74018 SUGARLF 115 79359 SGRLF69 69.0	1	0.02092	212.9	218.0	OPEN 79321 [SHOEM138 138] TO 79322 [SHOEMTAP 138] CKT 1	
4387.7	74018 SUGARLF 115 74046 ROCK TV1 115	1	-0.02133	-205.7	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	
4405.9	74018 SUGARLF 115 79359 SGRLF69 69.0	1	0.02133	205.3	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	
4410.9	74316 DUNWODIE 345 75000 SHORE RD 345	1	0.17977	579.1	687.0	BASE CASE	
4545.4	74344 PLTVLLEY 345 78701 LEEDS 3 345	2	-0.28818	-1512.3	1724.0	OPEN 74344 [PLTVLLEY 345] TO 78705 [ATHENS 345] CKT 1	
4688.5	74344 PLTVLLEY 345 78705 ATHENS 345	1	-0.28028	-1478.0	1724.0	OPEN 74344 [PLTVLLEY 345] TO 78701 [LEEDS 3 345] CKT 2	
4724.5	74344 PLTVLLEY 345 78701 LEEDS 3 345	2	-0.27639	-1471.5	1724.0	OPEN 78705 [ATHENS 345] TO 74344 [PLTVLLEY 345] CKT 1	
						OPEN 74344 [PLTVLLEY 345] TO 74341 [MILLWOOD 345] CKT 1	
4731.1	74344 PLTVLLEY 345 78701 LEEDS 3 345	2	-0.27667	-1469.4	1724.0	OPEN 78705 [ATHENS 345] TO 74344 [PLTVLLEY 345] CKT 1	
						OPEN 74344 [PLTVLLEY 345] TO 74356 [WOOD B 345] CKT 1	
4738.8	74345 RAINEY 345 74612 8W DUM 138	8	0.29915	35.4	313.0	OPEN 74345 [RAINEY 345] TO 74611 [8E DUM 138] CKT 8	
4738.8	74345 RAINEY 345 74612 8W DUM 138	8	0.29915	35.4	313.0	OPEN 74530 [RAINEY8E 138] TO 74611 [8E DUM 138] CKT 1	
4738.8	74345 RAINEY 345 74612 8W DUM 138	8	0.29914	35.4	313.0	OPEN 74530 [RAINEY8E 138] TO 74556 [VERNON-E 138] CKT 1	
4740.1	74345 RAINEY 345 74612 8W DUM 138	8	0.22358	32.2	240.0	BASE CASE	
4879.1	74344 PLTVLLEY 345 78705 ATHENS 345	1	-0.26914	-1436.5	1724.0	OPEN 78701 [LEEDS 3 345] TO 74344 [PLTVLLEY 345] CKT 2	
						OPEN 74344 [PLTVLLEY 345] TO 74356 [WOOD B 345] CKT 1	
4909.7	*74345 RAINEY 345 74612 8W DUM 138	8	0.22358	67.3	313.0	OPEN 74327 [FARRAGUT 345] TO 74337 [GOWANUSS 345] CKT 1	
						OPEN 74337 [GOWANUSS 345] TO 74335 [GOTHLS S 345] CKT 1	
						OPEN 74315 [COGNTECH 345] TO 74335 [GOTHLS S 345] CKT 1	
						OPEN 74315 [COGNTECH 345] TO 74335 [GOTHLS S 345] CKT 2	
						OPEN 74337 [GOWANUSS 345] TO 74479 [GOWNUS2T 138] CKT 1	
4933.1	74345 RAINEY 345 74611 8E DUM 138	8	0.30176	20.4	359.0	OPEN 74345 [RAINEY 345] TO 74612 [8W DUM 138] CKT 8	
4933.1	74345 RAINEY 345 74611 8E DUM 138	8	0.30176	20.4	359.0	OPEN 74531 [RAINEY8W 138] TO 74612 [8W DUM 138] CKT 1	
4933.1	74345 RAINEY 345 74611 8E DUM 138	8	0.30176	20.4	359.0	OPEN 74531 [RAINEY8W 138] TO 74557 [VERNON-W 138] CKT 1	

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

TOTAL TRANS	LIMITING ELEMENT					DISTR. FACTOR	PRE-RATING SHIFT	BAS/CNT	CONTINGENCY DESCRIPTION			
CAPAB	FROM		TO	CKT		MW	A/C					
4965.3	74345 RAINNEY	345	74611 8E DUM	138 8	0.22651	9.5	271.0	BASE CASE				
5028.5	74344 PLTVLLEY	345	78705 ATHENS	345 1	-0.26252	-1404.4	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
5121.8	*74345 RAINNEY	345	74611 8E DUM	138 8	0.22651	62.1	359.0	OPEN 74556	[VERNON-E 138]	TO	74390 [KEYSPG-118.0]	CKT 1
5123.0	74344 PLTVLLEY	345	78701 LEEDS 3	345 2	-0.27106	-1368.3	1724.0	OPEN 79583	[MARCY T1 345]	TO	75400 [COOPC345 345]	CKT 1
								OPEN 75403	[FRASR345 345]	TO	75400 [COOPC345 345]	CKT 1
5133.1	74403 ASTORIAW	138	74496 HG 5	138 1	0.15290	-25.2	177.0	BASE CASE				
5157.9	*74344 PLTVLLEY	345	78701 LEEDS 3	345 2	-0.20242	-1058.3	1331.0	BASE CASE				
5181.8	74403 ASTORIAW	138	74497 HG 6	138 1	0.14494	-21.7	177.0	BASE CASE				
5239.6	79308 CHESTER	138	79321 SHOEM138	138 1	-0.05333	-228.2	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
5261.1	74316 DUNWODIE	345	74651 REAC72	345 SR	0.21063	409.5	715.0	BASE CASE				
5261.1	74316 DUNWODIE	345	74650 REAC71	345 SR	0.21063	409.5	715.0	BASE CASE				
5265.9	74345 RAINNEY	345	74650 REAC71	345 3	-0.21063	-408.5	715.0	BASE CASE				
5265.9	74345 RAINNEY	345	74651 REAC72	345 4	-0.21063	-408.5	715.0	BASE CASE				
5397.3	74344 PLTVLLEY	345	78705 ATHENS	345 1	-0.25795	-1314.8	1724.0	OPEN 79583	[MARCY T1 345]	TO	75400 [COOPC345 345]	CKT 1
								OPEN 75403	[FRASR345 345]	TO	75400 [COOPC345 345]	CKT 1
5426.5	*74344 PLTVLLEY	345	78705 ATHENS	345 1	-0.19263	-1019.8	1331.0	BASE CASE				
5452.0	74018 SUGARLF	115	74046 ROCK TV1	115 1	-0.02565	-175.9	218.0	OPEN 74001	[ROCK TAV 345]	TO	74347 [RAMAPO 345]	CKT 1
5467.2	74018 SUGARLF	115	79359 SGRLF69	69.0 1	0.02565	175.5	218.0	OPEN 74001	[ROCK TAV 345]	TO	74347 [RAMAPO 345]	CKT 1
5468.4	79302 SMAHWAH1	345	5028 WALDWICK	345 1	0.04612	525.6	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
5506.6	74348 SPRBROOK	345	74568 REACM52	345 SR	0.19948	435.7	774.0	BASE CASE				
5506.6	74348 SPRBROOK	345	74567 REACM51	345 SR	0.19948	435.7	774.0	BASE CASE				
5513.7	74354 W 49 ST	345	74568 REACM52	345 2	-0.19948	-434.3	774.0	BASE CASE				
5513.7	74354 W 49 ST	345	74567 REACM51	345 1	-0.19948	-434.3	774.0	BASE CASE				
5581.9	*74018 SUGARLF	115	74046 ROCK TV1	115 1	-0.02342	-176.5	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
5598.6	*74018 SUGARLF	115	79359 SGRLF69	69.0 1	0.02342	176.1	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
5603.0	74403 ASTORIAW	138	74496 HG 5	138 1	0.29363	-46.2	480.0	OPEN 74403	[ASTORIAW 138]	TO	74497 [HG 6 138]	CKT 1
5605.4	74403 ASTORIAW	138	74497 HG 6	138 1	0.29317	-46.1	480.0	OPEN 74403	[ASTORIAW 138]	TO	74496 [HG 5 138]	CKT 1
5796.7	74435 E179 ST	138	74497 HG 6	138 1	-0.30013	374.0	222.0	BASE CASE				
5820.1	79308 CHESTER	138	79323 SGRLF138	138 1	0.05333	197.3	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
5850.1	79308 CHESTER	138	79321 SHOEM138	138 1	-0.04936	-203.7	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
5898.5	79308 CHESTER	138	79321 SHOEM138	138 1	-0.05196	-195.9	304.4	OPEN 74001	[ROCK TAV 345]	TO	79304 [N.M.TAP 345]	CKT 1
5908.0	79304 N.M.TAP	345	75400 COOPC345	345 1	-0.27949	-1206.9	1793.0	OPEN 74001	[ROCK TAV 345]	TO	75400 [COOPC345 345]	CKT 2
								OPEN 75400	[COOPC345 345]	TO	75440 [COOPC115 115]	CKT 1
5919.3	79304 N.M.TAP	345	75400 COOPC345	345 1	-0.27928	-1204.2	1793.0	OPEN 74001	[ROCK TAV 345]	TO	75400 [COOPC345 345]	CKT 2
5940.3	74402 ASTE-WRG	138	74705 AST 4	20.0 1	0.19991	-81.7	344.0	OPEN 74384	[ASTE-ERG 138]	TO	74705 [AST 4 20.0]	CKT 2
5940.3	74384 ASTE-ERG	138	74705 AST 4	20.0 2	0.19991	-81.7	344.0	OPEN 74402	[ASTE-WRG 138]	TO	74705 [AST 4 20.0]	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	0.13292	983.4
74331 FISHKILL 345	74342 PL VILLE 345	1	0.18770	787.4
74341 MILLWOOD 345	74318 E VIEW2 345	1	0.16986	914.0
74341 MILLWOOD 345	74319 E VIEW3 345	1	0.16058	868.7
74341 MILLWOOD 345	74320 E VIEW4 345	1	0.16058	868.7
74355 WOOD A 345	74343 PL VILLW 345	1	0.18836	736.9
4989 HUDSON1 345	74328 FARRGUT1 345	1	0.00000	400.2
5039 HUDSON2 345	74329 FARRGUT2 345	1	0.00000	400.2
4996 LINDEN 230	74371 GOETHALS 230	1	0.00000	200.2
73166 NORHR138 138	75053 NRTHPT P 138	1	0.00000	100.2
75078 SHMHVDCL 192	75062 SHOREHAM 138	1	0.00000	329.5
TOTALS FOR INTERFACE MILLSCLOSE			1.00000	6589.3

TOTAL TRANS CAPAB	LIMITING ELEMENT	FROM	TO	CKT	DISTR. FACTOR	PRE-SHIFT MW	RATING BAS/CNT A/C	CONTINGENCY DESCRIPTION
5305.5	79303 SMAHWAH2 345	5028 WALDWICK 345	1	0.04175	642.6	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	
6814.8	74018 SUGARLF 115	74046 ROCK TV1 115	1	-0.02092	-213.3	218.0	OPEN 79304 [N.M.TAP 345] TO 79322 [SHOEMTAP 138] CKT 1	
6814.8	74018 SUGARLF 115	74046 ROCK TV1 115	1	-0.02092	-213.3	218.0	OPEN 79321 [SHOEM138 138] TO 79322 [SHOEMTAP 138] CKT 1	
6833.5	74018 SUGARLF 115	79359 SGRLF69 69.0	1	0.02092	212.9	218.0	OPEN 79304 [N.M.TAP 345] TO 79322 [SHOEMTAP 138] CKT 1	
6833.5	74018 SUGARLF 115	79359 SGRLF69 69.0	1	0.02092	212.9	218.0	OPEN 79321 [SHOEM138 138] TO 79322 [SHOEMTAP 138] CKT 1	
7166.2	74018 SUGARLF 115	74046 ROCK TV1 115	1	-0.02133	-205.7	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	
7184.4	74018 SUGARLF 115	79359 SGRLF69 69.0	1	0.02133	205.3	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	
7189.3	74316 DUNWODIE 345	75000 SHORE RD 345	1	0.17977	579.1	687.0	BASE CASE	
7323.8	74344 PLTVLLEY 345	78701 LEEDS 3 345	2	-0.28819	-1512.3	1724.0	OPEN 74344 [PLTVLLEY 345] TO 78705 [ATHENS 345] CKT 1	
7466.9	74344 PLTVLLEY 345	78705 ATHENS 345	1	-0.28029	-1478.0	1724.0	OPEN 74344 [PLTVLLEY 345] TO 78701 [LEEDS 3 345] CKT 2	
7503.0	74344 PLTVLLEY 345	78701 LEEDS 3 345	2	-0.27640	-1471.5	1724.0	OPEN 78705 [ATHENS 345] TO 74344 [PLTVLLEY 345] CKT 1	
							OPEN 74344 [PLTVLLEY 345] TO 74341 [MILLWOOD 345] CKT 1	
7509.6	74344 PLTVLLEY 345	78701 LEEDS 3 345	2	-0.27668	-1469.4	1724.0	OPEN 78705 [ATHENS 345] TO 74344 [PLTVLLEY 345] CKT 1	
							OPEN 74344 [PLTVLLEY 345] TO 74356 [WOOD B 345] CKT 1	
7517.2	74345 RAINEY 345	74612 8W DUM 138	8	0.29915	35.4	313.0	OPEN 74345 [RAINEY 345] TO 74611 [8E DUM 138] CKT 8	
7517.2	74345 RAINEY 345	74612 8W DUM 138	8	0.29915	35.4	313.0	OPEN 74530 [RAINEY8E 138] TO 74611 [8E DUM 138] CKT 1	
7517.2	74345 RAINEY 345	74612 8W DUM 138	8	0.29915	35.4	313.0	OPEN 74530 [RAINEY8E 138] TO 74556 [VERNON-E 138] CKT 1	
7518.5	74345 RAINEY 345	74612 8W DUM 138	8	0.22359	32.2	240.0	BASE CASE	
7657.5	74344 PLTVLLEY 345	78705 ATHENS 345	1	-0.26915	-1436.5	1724.0	OPEN 78701 [LEEDS 3 345] TO 74344 [PLTVLLEY 345] CKT 2	
							OPEN 74344 [PLTVLLEY 345] TO 74356 [WOOD B 345] CKT 1	
7688.1	*74345 RAINEY 345	74612 8W DUM 138	8	0.22359	67.3	313.0	OPEN 74327 [FARRAGUT 345] TO 74337 [GOWANUSS 345] CKT 1	
							OPEN 74337 [GOWANUSS 345] TO 74335 [GOTHLS S 345] CKT 1	
							OPEN 74315 [COGNTECH 345] TO 74335 [GOTHLS S 345] CKT 1	
							OPEN 74315 [COGNTECH 345] TO 74335 [GOTHLS S 345] CKT 2	
							OPEN 74337 [GOWANUSS 345] TO 74479 [GOWNUS2T 138] CKT 1	
7711.5	74345 RAINEY 345	74611 8E DUM 138	8	0.30177	20.4	359.0	OPEN 74345 [RAINEY 345] TO 74612 [8W DUM 138] CKT 8	

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

TOTAL TRANS CAPAB	-----> LIMITING ELEMENT FROM TO	-----> DISTR. FACTOR	-----> PRE- RATING SHIFT MW	-----> BAS/CNT A/C	-----> CONTINGENCY	-----> DESCRIPTION
7711.5	74345 RAINNEY 345 74611 8E DUM 138 8	0.30177	20.4	359.0	OPEN 74531 [RAINEY8W 138]	TO 74612 [8W DUM 138] CKT 1
7711.5	74345 RAINNEY 345 74611 8E DUM 138 8	0.30176	20.4	359.0	OPEN 74531 [RAINEY8W 138]	TO 74557 [VERNON-W 138] CKT 1
7743.7	74345 RAINNEY 345 74611 8E DUM 138 8	0.22651	9.5	271.0	BASE CASE	
7806.9	74344 PLTVLLEY 345 78705 ATHENS 345 1	-0.26253	-1404.4	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
7900.2	*74345 RAINNEY 345 74611 8E DUM 138 8	0.22651	62.1	359.0	OPEN 74556 [VERNON-E 138]	TO 74390 [KEYSPG-118.0] CKT 1
7901.4	74344 PLTVLLEY 345 78701 LEEDS 3 345 2	-0.27107	-1368.3	1724.0	OPEN 79583 [MARCY T1 345]	TO 75400 [COOPC345 345] CKT 1
					OPEN 75403 [FRASR345 345]	TO 75400 [COOPC345 345] CKT 1
7911.5	74403 ASTORIAW 138 74496 HG 5 138 1	0.15291	-25.2	177.0	BASE CASE	
7936.3	*74344 PLTVLLEY 345 78701 LEEDS 3 345 2	-0.20243	-1058.3	1331.0	BASE CASE	
7960.2	74403 ASTORIAW 138 74497 HG 6 138 1	0.14494	-21.7	177.0	BASE CASE	
8018.0	79308 CHESTER 138 79321 SHOEM138 138 1	-0.05333	-228.2	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
8039.5	74316 DUNWODIE 345 74651 REAC72 345 SR	0.21064	409.5	715.0	BASE CASE	
8039.5	74316 DUNWODIE 345 74650 REAC71 345 SR	0.21064	409.5	715.0	BASE CASE	
8044.3	74345 RAINNEY 345 74650 REAC71 345 3	-0.21064	-408.5	715.0	BASE CASE	
8044.3	74345 RAINNEY 345 74651 REAC72 345 4	-0.21064	-408.5	715.0	BASE CASE	
8175.7	74344 PLTVLLEY 345 78705 ATHENS 345 1	-0.25796	-1314.8	1724.0	OPEN 79583 [MARCY T1 345]	TO 75400 [COOPC345 345] CKT 1
					OPEN 75403 [FRASR345 345]	TO 75400 [COOPC345 345] CKT 1
8204.9	*74344 PLTVLLEY 345 78705 ATHENS 345 1	-0.19264	-1019.8	1331.0	BASE CASE	
8230.4	74018 SUGARLF 115 74046 ROCK TV1 115 1	-0.02565	-175.9	218.0	OPEN 74001 [ROCK TAV 345]	TO 74347 [RAMAPO 345] CKT 1
8245.6	74018 SUGARLF 115 79359 SGRLF69 69.0 1	0.02565	175.5	218.0	OPEN 74001 [ROCK TAV 345]	TO 74347 [RAMAPO 345] CKT 1
8246.8	79302 SMAHWAH1 345 5028 WALDWICK 345 1	0.04612	525.6	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
8285.0	74348 SPRBROOK 345 74568 REACM52 345 SR	0.19949	435.7	774.0	BASE CASE	
8285.0	74348 SPRBROOK 345 74567 REACM51 345 SR	0.19949	435.7	774.0	BASE CASE	
8292.1	74354 W 49 ST 345 74568 REACM52 345 2	-0.19949	-434.3	774.0	BASE CASE	
8292.1	74354 W 49 ST 345 74567 REACM51 345 1	-0.19949	-434.3	774.0	BASE CASE	
8360.3	*74018 SUGARLF 115 74046 ROCK TV1 115 1	-0.02342	-176.5	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
8377.0	*74018 SUGARLF 115 79359 SGRLF69 69.0 1	0.02342	176.1	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
8381.4	74403 ASTORIAW 138 74496 HG 5 138 1	0.29364	-46.2	480.0	OPEN 74403 [ASTORIAW 138]	TO 74497 [HG 6 138] CKT 1
8383.8	74403 ASTORIAW 138 74497 HG 6 138 1	0.29318	-46.1	480.0	OPEN 74403 [ASTORIAW 138]	TO 74496 [HG 5 138] CKT 1
8575.1	74435 E179 ST 138 74497 HG 6 138 1	-0.30013	374.0	222.0	BASE CASE	
8598.4	79308 CHESTER 138 79323 SGRLF138 138 1	0.05333	197.3	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
8628.5	79308 CHESTER 138 79321 SHOEM138 138 1	-0.04936	-203.7	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
8676.9	79308 CHESTER 138 79321 SHOEM138 138 1	-0.05196	-195.9	304.4	OPEN 74001 [ROCK TAV 345]	TO 79304 [N.M.TAP 345] CKT 1
8686.4	79304 N.M.TAP 345 75400 COOPC345 345 1	-0.27950	-1206.9	1793.0	OPEN 74001 [ROCK TAV 345]	TO 75400 [COOPC345 345] CKT 2
					OPEN 75400 [COOPC345 345]	TO 75440 [COOPC115 115] CKT 1
8697.7	79304 N.M.TAP 345 75400 COOPC345 345 1	-0.27928	-1204.2	1793.0	OPEN 74001 [ROCK TAV 345]	TO 75400 [COOPC345 345] 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\contdsl.con

	PRE-SHIFT	DELTA	POST-SHIFT
STUDY SYSTEM MW GENERATION:	717.4	1000.0	1717.4
OPPOSING SYSTEM MW GENERATION:	2992.4	-1000.0	1992.4
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	334.2	194.2 -140.0
81422	LENNOXG220.0	505.5	1055.5	550.0	74702	RAV 3	22.0	971.0	571.0 -400.0
					74703	AK 2	20.0	268.8	208.8 -60.0
					74708	RAV 2	20.0	340.4	240.4 -100.0
					74709	COGENGT113.8		69.0	29.0 -40.0
					74710	COGENGT213.8		69.0	29.0 -40.0
					74711	COGENGT313.8		69.0	29.0 -40.0
					74712	COGENGT413.8		69.0	29.0 -40.0
					74713	COGENGT513.8		69.0	29.0 -40.0
					74714	COGENST113.8		75.2	55.2 -20.0
					74907	NRTPTG2	22.0	300.0	260.0 -40.0
					74908	NRTPTG3	22.0	358.0	318.0 -40.0

LOADINGS AT OR ABOVE 100.0 %												
OF RATING ARE MARKED WITH '*'												
<----- FROM ----->					<----- TO ----->					CKT		
					TOTAL	PRE-	POST-	LIMIT				
					TRANS	RATING	SHIFT	SHIFT	CASE	DISTR.		
					CAPAB	A	MW	MW	MW	FACTOR		
74316	DUNWODIE	345	74651	REAC72	345	SR	2002.8	715	409.5	644.0	715.0*	0.23448
74316	DUNWODIE	345	74650	REAC71	345	SR	2002.8	715	409.5	644.0	715.0*	0.23448
74345	RAINEY	345	74650	REAC71	345	3	2007.1	715	-408.5	-643.0	-714.0	-0.23448
74345	RAINEY	345	74651	REAC72	345	4	2007.1	715	-408.5	-643.0	-714.0	-0.23448
74316	DUNWODIE	345	75000	SHORE RD	345	1	2050.6	687	579.1	659.0	683.2	0.07986
74348	SPRBROOK	345	74567	REACM51	345	SR	2198.4	774	435.7	661.5	729.9	0.22577
74348	SPRBROOK	345	74568	REACM52	345	SR	2198.4	774	435.7	661.5	729.9	0.22577
74354	W 49 ST	345	74568	REACM52	345	2	2204.7	774	-434.3	-660.1	-728.4	-0.22577
74354	W 49 ST	345	74567	REACM51	345	1	2204.7	774	-434.3	-660.1	-728.4	-0.22577
74484	GRENWOOD	138	74556	VERNON-E	138	1	2323.8	179	-130.4	-160.3	-169.4	-0.02994
	INTERFACE I TO J						2355.0	4026	2502.7	3423.2	3701.9	0.92050
	INTERFACE DUNW-SOUTH P						2401.7	5421	3718.8	4719.1	5022.0	1.00036
74484	GRENWOOD	138	74504	KENTTAP	138	1	2463.0	179	-126.0	-156.0	-165.2	-0.03009
	INTERFACE DUNW-SOUTH O						2619.4	4554	2787.3	3707.8	3986.5	0.92050
74345	RAINEY	345	74612	8W DUM	138	8	3315.7	240	32.2	111.7	135.7	0.07943
74504	KENTTAP	138	74557	VERNON-W	138	1	3631.3	179	-90.8	-120.9	-130.0	-0.03009
74345	RAINEY	345	74611	8E DUM	138	8	3938.2	271	9.5	90.3	114.7	0.08075
74322	E15ST	45	345	74354 W 49 ST	345	1	4831.4	774	161.6	-64.9	-133.4	-0.22647

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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	0.07984	579.1
74348 SPRBROOK 345	74351 TREMONT 345	1	0.00000	398.9
74349 REACBUS 345	79607 DVNPT NK 345	1	0.00000	636.9
74420 DUN NO1R 138	74533 S CREEK 138	1	0.00000	104.4
74421 DUN NO2R 138	74533 S CREEK 138	1	0.00000	104.5
74424 DUN SO1R 138	74435 E179 ST 138	1	0.00000	209.2
74650 REAC71 345	74345 RAINEY 345	3	0.23440	408.5
74651 REAC72 345	74345 RAINEY 345	4	0.23440	408.5
74567 REACM51 345	74354 W 49 ST 345	1	0.22568	434.3
74568 REACM52 345	74354 W 49 ST 345	2	0.22568	434.3
TOTALS FOR INTERFACE DUNW-SOUTH P			1.00000	3718.8

TOTAL TRANS CAPAB	LIMITING ELEMENT	CKT	DISTR. FACTOR	PRE-SHIFT MW	RATING BAS/CNT A/C	CONTINGENCY DESCRIPTION
5022.0	74316 DUNWODIE 345 74651 REAC72	345 SR	0.23440	409.5	715.0	BASE CASE
5022.0	74316 DUNWODIE 345 74650 REAC71	345 SR	0.23440	409.5	715.0	BASE CASE
5026.2	74345 RAINEY 345 74650 REAC71	345 3	-0.23440	-408.5	715.0	BASE CASE
5026.2	74345 RAINEY 345 74651 REAC72	345 4	-0.23440	-408.5	715.0	BASE CASE
5069.8	74316 DUNWODIE 345 75000 SHORE RD	345 1	0.07984	579.1	687.0	BASE CASE
5217.6	74348 SPRBROOK 345 74568 REACM52	345 SR	0.22569	435.7	774.0	BASE CASE
5217.6	74348 SPRBROOK 345 74567 REACM51	345 SR	0.22569	435.7	774.0	BASE CASE
5223.9	74354 W 49 ST 345 74567 REACM51	345 1	-0.22568	-434.3	774.0	BASE CASE
5223.9	74354 W 49 ST 345 74568 REACM52	345 2	-0.22568	-434.3	774.0	BASE CASE
5343.1	74484 GRENWOOD 138 74556 VERNON-E	138 1	-0.02992	-130.4	179.0	BASE CASE
5374.2	INTERFACE I TO J		0.92017	2502.7	4026.0	BASE CASE
5421.0	INTERFACE DUNW-SOUTH P		1.00000	3718.8	5421.0	BASE CASE
5482.3	74484 GRENWOOD 138 74504 KENTTAP	138 1	-0.03007	-126.0	179.0	BASE CASE
5638.7	INTERFACE DUNW-SOUTH O		0.92017	2787.3	4554.0	BASE CASE
5703.7	74345 RAINEY 345 74612 8W DUM	138 8	0.07935	155.5	313.0	OPEN 74435 [E179 ST 138] TO 74497 [HG 6 138] CKT 1
5761.4	74316 DUNWODIE 345 74651 REAC72	345 SR	0.28540	498.0	1081.0	OPEN 74316 [DUNWODIE 345] TO 74650 [REAC71 345] CKT SR
5761.5	74316 DUNWODIE 345 74650 REAC71	345 SR	0.28540	498.0	1081.0	OPEN 74345 [RAINEY 345] TO 74650 [REAC71 345] CKT 3
5761.5	74316 DUNWODIE 345 74651 REAC72	345 SR	0.28540	498.0	1081.0	OPEN 74316 [DUNWODIE 345] TO 74651 [REAC72 345] CKT SR
5761.5	74316 DUNWODIE 345 74651 REAC72	345 SR	0.28540	498.0	1081.0	OPEN 74345 [RAINEY 345] TO 74651 [REAC72 345] CKT 4
5761.5	74316 DUNWODIE 345 74651 REAC72	345 SR	0.28540	498.0	1081.0	OPEN 74610 [7W DUM 138] TO 74345 [RAINEY 345] CKT 1
5761.5	74316 DUNWODIE 345 74651 REAC72	345 SR	0.28540	498.0	1081.0	OPEN 74316 [DUNWODIE 345] TO 74650 [REAC71 345] CKT SR
5761.5	74316 DUNWODIE 345 74651 REAC72	345 SR	0.28540	498.0	1081.0	OPEN 74345 [RAINEY 345] TO 74650 [REAC71 345] CKT 3
5761.5	74316 DUNWODIE 345 74651 REAC72	345 SR	0.28540	498.0	1081.0	OPEN 74608 [2E DUM 138] TO 74345 [RAINEY 345] CKT 1
5764.9	74345 RAINEY 345 74651 REAC72	345 4	-0.28541	-497.0	1081.0	OPEN 74316 [DUNWODIE 345] TO 74650 [REAC71 345] CKT SR
5764.9	74345 RAINEY 345 74651 REAC72	345 4	-0.28541	-497.0	1081.0	OPEN 74345 [RAINEY 345] TO 74650 [REAC71 345] CKT 3
5765.0	74345 RAINEY 345 74651 REAC72	345 4	-0.28541	-497.0	1081.0	OPEN 74316 [DUNWODIE 345] TO 74650 [REAC71 345] CKT SR
5765.0	74345 RAINEY 345 74651 REAC72	345 4	-0.28541	-497.0	1081.0	OPEN 74345 [RAINEY 345] TO 74650 [REAC71 345] CKT 3
5765.0	74345 RAINEY 345 74651 REAC72	345 4	-0.28541	-497.0	1081.0	OPEN 74608 [2E DUM 138] TO 74345 [RAINEY 345] CKT 1
5765.0	74345 RAINEY 345 74650 REAC71	345 3	-0.28541	-497.0	1081.0	OPEN 74316 [DUNWODIE 345] TO 74651 [REAC72 345] CKT SR
5765.0	74345 RAINEY 345 74650 REAC71	345 3	-0.28541	-497.0	1081.0	OPEN 74345 [RAINEY 345] TO 74651 [REAC72 345] CKT 4
5765.0	74345 RAINEY 345 74650 REAC71	345 3	-0.28541	-497.0	1081.0	OPEN 74610 [7W DUM 138] TO 74345 [RAINEY 345] CKT 1

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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	398.9
74420 DUN NO1R 138	74533 S CREEK 138	1	0.00000	104.4
74421 DUN NO2R 138	74533 S CREEK 138	1	0.00000	104.5
74424 DUN SO1R 138	74435 E179 ST 138	1	0.00000	209.2
74650 REAC71 345	74345 RAINEY 345	3	0.25473	408.5
74651 REAC72 345	74345 RAINEY 345	4	0.25473	408.5
74567 REACM51 345	74354 W 49 ST 345	1	0.24527	434.3
74568 REACM52 345	74354 W 49 ST 345	2	0.24527	434.3
75047 L SUCSPH 138	74505 JAMAICA 138	1	0.00000	143.3
75067 V STRM P 138	74505 JAMAICA 138	1	0.00000	141.3
TOTALS FOR INTERFACE DUNW-SOUTH O			1.00000	2787.3

TOTAL TRANS CAPAB	LIMITING ELEMENT	CKT	DISTR. FACTOR	PRE-SHIFT MW	RATING BAS/CNT	CONTINGENCY DESCRIPTION
3986.5	74316 DUNWODIE 345	74651 REAC72 345	SR	0.25473	409.5	715.0 BASE CASE
3986.5	74316 DUNWODIE 345	74650 REAC71 345	SR	0.25473	409.5	715.0 BASE CASE
3990.4	74345 RAINEY 345	74650 REAC71 345	3	-0.25473	-408.5	715.0 BASE CASE
3990.4	74345 RAINEY 345	74651 REAC72 345	4	-0.25473	-408.5	715.0 BASE CASE
4030.5	74316 DUNWODIE 345	75000 SHORE RD 345	1	0.08676	579.1	687.0 BASE CASE
4166.5	74348 SPRBROOK 345	74568 REACM52 345	SR	0.24527	435.7	774.0 BASE CASE
4166.5	74348 SPRBROOK 345	74567 REACM51 345	SR	0.24527	435.7	774.0 BASE CASE
4172.3	74354 W 49 ST 345	74567 REACM51 345	1	-0.24527	-434.3	774.0 BASE CASE
4172.3	74354 W 49 ST 345	74568 REACM52 345	2	-0.24527	-434.3	774.0 BASE CASE
4281.9	74484 GRENWOD 138	74556 VERNON-E 138	1	-0.03252	-130.4	179.0 BASE CASE
4310.6	INTERFACE I TO J			1.00000	2502.7	4026.0 BASE CASE
4353.6	INTERFACE DUNW-SOUTH P			1.08676	3718.8	5421.0 BASE CASE
4410.0	74484 GRENWOD 138	74504 KENTTAP 138	1	-0.03268	-126.0	179.0 BASE CASE
4554.0	INTERFACE DUNW-SOUTH O			1.00000	2787.3	4554.0 BASE CASE
4613.8	74345 RAINEY 345	74612 8W DUM 138	8	0.08624	155.5	313.0 OPEN 74435 [E179 ST 138] TO 74497 [HG 6 138] CKT 1
4666.9	74316 DUNWODIE 345	74651 REAC72 345	SR	0.31017	498.0	1081.0 OPEN 74316 [DUNWODIE 345] TO 74650 [REAC71 345] CKT SR
4666.9	74316 DUNWODIE 345	74650 REAC71 345	SR	0.31016	498.0	1081.0 OPEN 74345 [RAINEY 345] TO 74650 [REAC71 345] CKT 3
4666.9	74316 DUNWODIE 345	74651 REAC72 345	SR	0.31016	498.0	1081.0 OPEN 74316 [DUNWODIE 345] TO 74651 [REAC72 345] CKT SR
4666.9	74316 DUNWODIE 345	74651 REAC72 345	SR	0.31016	498.0	1081.0 OPEN 74345 [RAINEY 345] TO 74651 [REAC72 345] CKT 4
4666.9	74316 DUNWODIE 345	74651 REAC72 345	SR	0.31016	498.0	1081.0 OPEN 74610 [7W DUM 138] TO 74345 [RAINEY 345] CKT 1
4666.9	74316 DUNWODIE 345	74651 REAC72 345	SR	0.31016	498.0	1081.0 OPEN 74316 [DUNWODIE 345] TO 74650 [REAC71 345] CKT SR
4666.9	74316 DUNWODIE 345	74651 REAC72 345	SR	0.31016	498.0	1081.0 OPEN 74345 [RAINEY 345] TO 74650 [REAC71 345] CKT 3
4666.9	74316 DUNWODIE 345	74651 REAC72 345	SR	0.31016	498.0	1081.0 OPEN 74608 [2E DUM 138] TO 74345 [RAINEY 345] CKT 1
4670.1	74345 RAINEY 345	74651 REAC72 345	4	-0.31017	-497.0	1081.0 OPEN 74316 [DUNWODIE 345] TO 74650 [REAC71 345] CKT SR
4670.1	74345 RAINEY 345	74651 REAC72 345	4	-0.31017	-497.0	1081.0 OPEN 74345 [RAINEY 345] TO 74650 [REAC71 345] CKT 3
4670.1	74345 RAINEY 345	74651 REAC72 345	4	-0.31017	-497.0	1081.0 OPEN 74316 [DUNWODIE 345] TO 74650 [REAC71 345] CKT SR
4670.1	74345 RAINEY 345	74651 REAC72 345	4	-0.31017	-497.0	1081.0 OPEN 74345 [RAINEY 345] TO 74650 [REAC71 345] CKT 3
4670.1	74345 RAINEY 345	74650 REAC71 345	3	-0.31017	-497.0	1081.0 OPEN 74608 [2E DUM 138] TO 74345 [RAINEY 345] CKT 1
4670.1	74345 RAINEY 345	74650 REAC71 345	3	-0.31017	-497.0	1081.0 OPEN 74316 [DUNWODIE 345] TO 74651 [REAC72 345] CKT SR
4670.1	74345 RAINEY 345	74650 REAC71 345	3	-0.31017	-497.0	1081.0 OPEN 74345 [RAINEY 345] TO 74651 [REAC72 345] CKT 4
4670.1	74345 RAINEY 345	74650 REAC71 345	3	-0.31017	-497.0	1081.0 OPEN 74610 [7W DUM 138] TO 74345 [RAINEY 345] CKT 1

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

-< INTERFACE 'I TO J		' DEFINITION ->		PRE-	
FROM	TO	CKT	DISTR.	SHIFT	MW
74348	SPRBROOK 345 74351 TREMONT 345	1	0.00000	398.9	
74420	DUN NO1R 138 74533 S CREEK 138	1	0.00000	104.4	
74421	DUN NO2R 138 74533 S CREEK 138	1	0.00000	104.5	
74424	DUN SO1R 138 74435 E179 ST 138	1	0.00000	209.2	
74650	REAC71 345 74345 RAINEY 345	3	0.25473	408.5	
74651	REAC72 345 74345 RAINEY 345	4	0.25473	408.5	
74567	REACM51 345 74354 W 49 ST 345	1	0.24527	434.3	
74568	REACM52 345 74354 W 49 ST 345	2	0.24527	434.3	
TOTALS FOR INTERFACE I TO J			1.00000	2502.7	

TOTAL TRANS	LIMITING ELEMENT		DISTR.	PRE- RATING	CONTINGENCY DESCRIPTION	
FROM	TO	CKT	FACTOR	MW	A/C	
3701.9	74316 DUNWODIE 345 74651 REAC72	345 SR	0.25473	409.5	715.0	BASE CASE
3701.9	74316 DUNWODIE 345 74650 REAC71	345 SR	0.25473	409.5	715.0	BASE CASE
3705.8	74345 RAINEY 345 74650 REAC71	345 3	-0.25473	-408.5	715.0	BASE CASE
3705.8	74345 RAINEY 345 74651 REAC72	345 4	-0.25473	-408.5	715.0	BASE CASE
3745.9	74316 DUNWODIE 345 75000 SHORE RD	345 1	0.08676	579.1	687.0	BASE CASE
3881.9	74348 SPRBROOK 345 74568 REACM52	345 SR	0.24527	435.7	774.0	BASE CASE
3881.9	74348 SPRBROOK 345 74567 REACM51	345 SR	0.24527	435.7	774.0	BASE CASE
3887.7	74354 W 49 ST 345 74567 REACM51	345 1	-0.24527	-434.3	774.0	BASE CASE
3887.7	74354 W 49 ST 345 74568 REACM52	345 2	-0.24527	-434.3	774.0	BASE CASE
3997.3	74484 GRENWOOD 138 74556 VERNON-E	138 1	-0.03252	-130.4	179.0	BASE CASE
4026.0	INTERFACE I TO J		1.00000	2502.7	4026.0	BASE CASE
4069.0	INTERFACE DUNW-SOUTH P		1.08676	3718.8	5421.0	BASE CASE
4125.4	74484 GRENWOOD 138 74504 KENTTAP	138 1	-0.03268	-126.0	179.0	BASE CASE
4269.4	INTERFACE DUNW-SOUTH O		1.00000	2787.3	4554.0	BASE CASE
4329.2	74345 RAINEY 345 74612 8W DUM	138 8	0.08624	155.5	313.0	OPEN 74435 [E179 ST 138] TO 74497 [HG 6 138] CKT 1
4382.3	74316 DUNWODIE 345 74651 REAC72	345 SR	0.31017	498.0	1081.0	OPEN 74316 [DUNWODIE 345] TO 74650 [REAC71 345] CKT SR
						OPEN 74345 [RAINEY 345] TO 74650 [REAC71 345] CKT 3
4382.3	74316 DUNWODIE 345 74650 REAC71	345 SR	0.31016	498.0	1081.0	OPEN 74316 [DUNWODIE 345] TO 74651 [REAC72 345] CKT SR
						OPEN 74345 [RAINEY 345] TO 74651 [REAC72 345] CKT 4
						OPEN 74610 [7W DUM 138] TO 74345 [RAINEY 345] CKT 1
4382.3	74316 DUNWODIE 345 74651 REAC72	345 SR	0.31016	498.0	1081.0	OPEN 74316 [DUNWODIE 345] TO 74650 [REAC71 345] CKT SR
						OPEN 74345 [RAINEY 345] TO 74650 [REAC71 345] CKT 3
						OPEN 74608 [2E DUM 138] TO 74345 [RAINEY 345] CKT 1
4385.5	74345 RAINEY 345 74651 REAC72	345 4	-0.31017	-497.0	1081.0	OPEN 74316 [DUNWODIE 345] TO 74650 [REAC71 345] CKT SR
						OPEN 74345 [RAINEY 345] TO 74650 [REAC71 345] CKT 3
4385.5	74345 RAINEY 345 74651 REAC72	345 4	-0.31017	-497.0	1081.0	OPEN 74316 [DUNWODIE 345] TO 74650 [REAC71 345] CKT SR
						OPEN 74345 [RAINEY 345] TO 74650 [REAC71 345] CKT 3
						OPEN 74608 [2E DUM 138] TO 74345 [RAINEY 345] CKT 1
4385.5	74345 RAINEY 345 74650 REAC71	345 3	-0.31017	-497.0	1081.0	OPEN 74316 [DUNWODIE 345] TO 74651 [REAC72 345] CKT SR
						OPEN 74345 [RAINEY 345] TO 74651 [REAC72 345] CKT 4
						OPEN 74610 [7W DUM 138] TO 74345 [RAINEY 345] CKT 1
4432.9	74316 DUNWODIE 345 74651 REAC72	345 SR	0.30217	497.8	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:	3911.9	1000.0	4911.9
OPPOSING SYSTEM MW GENERATION:	1282.0	-1000.0	282.0
STUDY SYSTEM NET INTERCHANGE:	3836.7	1000.0	4836.7

<----- STUDY SYSTEM ----->					<----- OPPOSING SYSTEM ----->				
<---- GENERATOR MW ---->					<---- GENERATOR MW ---->				
BUS	BUS NAME	BASE	SHIFT	CHANGE	BUS	BUS NAME	BASE	SHIFT	CHANGE
74190	ROSE GN124.0	405.9	555.9	150.0	74900	BARETG1 20.0	176.0	-4.0	-180.0
74302	ER G7 13.2	146.8	196.8	50.0	74907	NRTPTG2 22.0	300.0	60.0	-240.0
74700	AK 3 22.0	334.2	434.2	100.0	74908	NRTPTG3 22.0	358.0	118.0	-240.0
74705	AST 4 20.0	81.9	131.9	50.0	74909	NRTPTG4 22.0	358.0	118.0	-240.0
74706	AST 5 20.0	185.7	285.7	100.0	79571	NYP108 13.8	90.0	-10.0	-100.0
74707	RAV 1 20.0	190.1	340.1	150.0					
79390	BOW2 20.0	500.0	750.0	250.0					
79546	POLETTI 26.0	756.0	906.0	150.0					

LOADINGS AT OR ABOVE 100.0 % OF RATING ARE MARKED WITH '*'						<----- BASE CASE ----->					
<----- FROM -----> <----- TO -----> CKT						TOTAL	PRE-	POST-	LIMIT		
						TRANS	SHIFT	SHIFT	CASE	DISTR.	
						CAPAB	A	MW	MW	MW	FACTOR
75000	SHORE RD 345	74316	DUNWODIE 345	1	3944.6	687	-579.1	-1579.*	-687.0	-0.99986	
	INTERFACE CE/LI TIES					4806.5	1900	930.3	1930.2*	1038.2	0.99986
75030	GLNWD NO 138	75163	GLNWD NO69.0	1	4858.3	118	56.5	116.7	63.0	0.06023	
75031	GLNWD SO 138	75164	GLNWD SO69.0	1	4894.8	118	64.7	115.1	70.1	0.05042	
	INTERFACE LI EXPORT					5172.4	2366	-1030.	-2030.	-1138.	-0.99986
	INTERFACE LI IMPORT					5222.9	2746	1360.0	2359.8	1467.9	0.99986
75046	L SUCS 138	75180	LKE SCSS69.0	1	5479.2	239	111.0	188.9	119.4	0.07790	
79579	ASTOR345 345	79546	POLETTI 26.0	1	5533.7	981	-726.4	-876.4	-742.6	-0.15000	
75046	L SUCS 138	75180	LKE SCSS69.0	2	5767.5	239	101.5	172.7	109.1	0.07123	
74557	VERNON-W 138	74707	RAV 1 20.0	1	5868.7	259	-105.9	-181.3	-114.0	-0.07533	
74556	VERNON-E 138	74707	RAV 1 20.0	2	6177.9	259	-84.2	-158.9	-92.2	-0.07467	
74332	FR KILLS 345	74700	AK 3 22.0	1	6415.1	592	-334.2	-434.2	-344.9	-0.10000	
74324	E15ST 47 345	74632	E RIVER 69.0	17	6517.0	240	-106.0	-156.0	-111.4	-0.05000	
74384	ASTE-ERG 138	74706	AST 5 20.0	2	7089.7	259	-96.3	-146.3	-101.7	-0.05000	
74402	ASTE-WRG 138	74706	AST 5 20.0	1	7229.9	259	-89.4	-139.3	-94.7	-0.05000	
75039	ELWOOD 1 138	75156	ELWOOD 69.0	1	9142.9	114	56.9	24.7	53.5	-0.03222	
75073	NEWBRG-2 138	75192	NEWBRGE269.0	1	9593.9	120	52.0	22.1	48.8	-0.02987	
75063	SYOSSET 138	75224	SYOSSET 69.0	1	9605.2	239	109.8	49.3	103.2	-0.06046	
74345	RAINEY 345	74651	REAC72 345	4	11072.3	715	-408.5	-253.3	-391.8	0.15528	
74345	RAINEY 345	74650	REAC71 345	3	11072.3	715	-408.5	-253.3	-391.8	0.15528	
75042	GRENLAWN 138	75166	GRENLAWN69.0	1	11349.4	114	56.9	34.1	54.4	-0.02274	

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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	579.1
79607 DVNPT NK 345	75004 HMP HRBR 345	1	0.00000	635.8
74505 JAMAICA 138	75047 L SUCSPH 138	1	0.00000	-143.3
74505 JAMAICA 138	75067 V STRM P 138	1	0.00000	-141.3
73166 NORHR138 138	75053 NRTHPT P 138	1	0.00000	100.2
75078 SHMHVDCL 192	75062 SHOREHAM 138	1	0.00000	329.5
TOTALS FOR INTERFACE LI IMPORT			1.00000	1360.0

TOTAL TRANS CAPAB	LIMITING ELEMENT	FROM	TO	CKT	DISTR. FACTOR	PRE-SHIFT MW	RATING BAS/CNT A/C	CONTINGENCY	DESCRIPTION
1467.9	75000 SHORE RD 345	74316 DUNWODIE 345	1	-1.000000	-579.1	687.0	BASE CASE		
1963.3	75000 SHORE RD 345	74316 DUNWODIE 345	1	-1.000000	-908.7	1512.0	OPEN 79607 [DVNPT NK 345]	TO 75004 [HMP HRBR 345]	CKT 1
2178.2	75000 SHORE RD 345	74316 DUNWODIE 345	1	-1.000000	-693.8	1512.0	OPEN 75038 [E.G.C. 138]	TO 75002 [E.G.C.-1 345]	CKT 1
2178.4	75000 SHORE RD 345	74316 DUNWODIE 345	1	-1.000000	-693.6	1512.0	OPEN 75074 [E.G.C.-2 138]	TO 75003 [E.G.C.-2 345]	CKT 1
2180.4	*75000 SHORE RD 345	74316 DUNWODIE 345	1	-0.99814	-693.1	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
2329.7	INTERFACE CE/LI TIES				1.00000	930.3	1900.0	BASE CASE	
2381.5	75030 GLNWD NO 138	75163 GLNWD NO69.0	1	0.06023	56.5	118.0	BASE CASE		
2418.0	75031 GLNWD SO 138	75164 GLNWD SO69.0	1	0.05042	64.7	118.0	BASE CASE		
2432.1	75030 GLNWD NO 138	75163 GLNWD NO69.0	1	0.09336	64.9	165.0	OPEN 75031 [GLNWD SO 138]	TO 75041 [SHORE RD 138]	CKT 1
2472.7	75004 HMP HRBR 345	75005 EGC DUM 345	1	0.45093	897.3	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
2476.1	75001 EGC PAR 345	75005 EGC DUM 345	1	-0.45092	-895.7	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
2503.5	75004 HMP HRBR 345	75005 EGC DUM 345	1	0.45098	883.3	1399.0	OPEN 74316 [DUNWODIE 345]	TO 75000 [SHORE RD 345]	CKT 1
							OPEN 74316 [DUNWODIE 345]	TO 74422 [DUN SO 138]	CKT 1
							OPEN 74316 [DUNWODIE 345]	TO 74343 [PL VILLW 345]	CKT 1
2504.0	75004 HMP HRBR 345	75005 EGC DUM 345	1	0.45121	882.8	1399.0	OPEN 74316 [DUNWODIE 345]	TO 75000 [SHORE RD 345]	CKT 1
							OPEN 74316 [DUNWODIE 345]	TO 74418 [DUN NO 138]	CKT 1
							OPEN 74316 [DUNWODIE 345]	TO 74342 [PL VILLE 345]	CKT 1
2504.5	75031 GLNWD SO 138	75164 GLNWD SO69.0	1	0.08081	72.5	165.0	OPEN 75030 [GLNWD NO 138]	TO 75041 [SHORE RD 138]	CKT 1
2506.9	75001 EGC PAR 345	75005 EGC DUM 345	1	-0.45098	-881.8	1399.0	OPEN 74316 [DUNWODIE 345]	TO 75000 [SHORE RD 345]	CKT 1
							OPEN 74316 [DUNWODIE 345]	TO 74422 [DUN SO 138]	CKT 1
							OPEN 74316 [DUNWODIE 345]	TO 74343 [PL VILLW 345]	CKT 1
2507.4	75001 EGC PAR 345	75005 EGC DUM 345	1	-0.45121	-881.3	1399.0	OPEN 74316 [DUNWODIE 345]	TO 75000 [SHORE RD 345]	CKT 1
							OPEN 74316 [DUNWODIE 345]	TO 74418 [DUN NO 138]	CKT 1
							OPEN 74316 [DUNWODIE 345]	TO 74342 [PL VILLE 345]	CKT 1
2558.0	75030 GLNWD NO 138	75163 GLNWD NO69.0	1	0.08284	65.8	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
2572.2	75004 HMP HRBR 345	75005 EGC DUM 345	1	0.45112	852.1	1399.0	OPEN 74316 [DUNWODIE 345]	TO 74342 [PL VILLE 345]	CKT 1
							OPEN 74316 [DUNWODIE 345]	TO 74343 [PL VILLW 345]	CKT 1
							OPEN 74342 [PL VILLE 345]	TO 74783 [PLTVILLE13.6]	CKT 1
							OPEN 74316 [DUNWODIE 345]	TO 74418 [DUN NO 138]	CKT 1
							OPEN 74316 [DUNWODIE 345]	TO 74422 [DUN SO 138]	CKT 1
							OPEN 74316 [DUNWODIE 345]	TO 75000 [SHORE RD 345]	CKT 1

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

<- INTERFACE 'DYSE OPEN' DEFINITION ->							PRE-
FROM	TO	CKT	DISTR.	SHIFT	FACTOR	MW	
75404 KINTI345 345	79800 ROCH 345 345	1	0.29379	547.5			
79584 NIAG 345 345	79800 ROCH 345 345	1	0.43076	640.8			
75417 STOLE230 230	75414 MEYER230 230	1	0.13199	256.8			
75994 PALMT115 115	75992 BENET115 115	1	0.00000	-6.5			
76702 LOCKPORT 115	77125 TELRDTP1 115	1	0.01542	81.0			
76702 LOCKPORT 115	77115 NAKR-108 115	1	0.01300	58.2			
76702 LOCKPORT 115	77117 OAKFLDTP 115	1	0.01535	68.6			
76702 LOCKPORT 115	77122 SOUR-111 115	1	0.03233	85.9			
76702 LOCKPORT 115	77101 SHEL-113 115	1	0.03426	96.6			
76702 LOCKPORT 115	77126 TELRDTP1 115	1	0.03311	102.0			
TOTALS FOR INTERFACE DYSE OPEN							1.00000 1931.0

TOTAL TRANS CAPAB	LIMITING ELEMENT				DISTR. FACTOR	PRE-SHIFT MW	RATING BAS/CNT A/C	CONTINGENCY DESCRIPTION			
2173.1	FROM	TO	CKT	FACTOR	89.7	96.0					
	76660 ELM-70	230 76837 ELMST23	23.0	1	0.02621			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
2686.0	75465 HINMN115	115 76261 HARIS115	115	1	-0.04079	-207.2	238.0	BASE CASE			
2699.9	77103 BATAVIA1	115 77121 SENECA1	115	1	0.05102	119.8	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
2705.2	77103 BATAVIA1	115 77121 SENECA1	115	1	0.05075	119.7	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
2727.5	77103 BATAVIA1	115 77121 SENECA1	115	1	0.05123	118.2	159.0	OPEN 79584 [NIAG 345 345]	TO	79800 [ROCH 345 345]	CKT 1
2740.4	75476 MEYER115	115 75995 S.PER115	115	1	-0.02789	-81.4	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
2741.2	77103 BATAVIA1	115 77121 SENECA1	115	1	0.05071	117.9	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
2781.3	75476 MEYER115	115 75995 S.PER115	115	1	-0.02776	-80.4	104.0	OPEN 75417 [STOLE230 230]	TO	75414 [MEYER230 230]	CKT 1
2793.3	75405 OAKDL345	345 75403 FRASR345	345	1	0.38167	1050.9	1380.0	OPEN 78450 [EDIC 345]	TO	75403 [FRASR345 345]	CKT 1
								OPEN 79583 [MARCY T1 345]	TO	75400 [COOPC345 345]	CKT 1
2820.1	75476 MEYER115	115 75995 S.PER115	115	1	-0.02994	-77.4	104.0	OPEN 75417 [STOLE230 230]	TO	75414 [MEYER230 230]	CKT 1
								OPEN 75406 [STOLE345 345]	TO	479 [HOMER CY 345]	CKT 1
2830.6	76702 LOCKPORT	115 77122 SOUR-111	115	1	0.04997	114.0	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
2836.6	76702 LOCKPORT	115 77122 SOUR-111	115	1	0.04971	114.0	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
2857.7	76702 LOCKPORT	115 77122 SOUR-111	115	1	0.05018	112.5	159.0	OPEN 79584 [NIAG 345 345]	TO	79800 [ROCH 345 345]	CKT 1
2872.6	76702 LOCKPORT	115 77122 SOUR-111	115	1	0.04967	112.2	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
2892.3	76702 LOCKPORT	115 77126 TELRDTP1	115	1	0.05118	130.8	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
2898.6	76702 LOCKPORT	115 77126 TELRDTP1	115	1	0.05091	130.7	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
2919.2	76702 LOCKPORT	115 77126 TELRDTP1	115	1	0.05139	129.2	180.0	OPEN 79584 [NIAG 345 345]	TO	79800 [ROCH 345 345]	CKT 1

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

TOTAL TRANS CAPAB	LIMITING ELEMENT							DISTR. FACTOR	PRE- RATING		CONTINGENCY	DESCRIPTION
	FROM	TO	CKT	MW	A/C	SHIFT	BAS/CNT					
2923.5	75465	HINMN115	115	76261	HARIS115	115	1	-0.05918	-247.3	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	
2924.4	75465	HINMN115	115	76261	HARIS115	115	1	-0.06334	-243.1	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	
2927.5	77122	SOUR-111	115	77123	SWDN-111	115	1	0.04997	109.2	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	
2927.6	75465	HINMN115	115	76261	HARIS115	115	1	-0.06292	-243.3	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	
2931.6	75469	KATEL115	115	75467	JENN 115	115	1	0.03876	120.2	159.0	OPEN 75405 [OAKDL345 345] TO 75403 [FRASR345 345] CKT 1	
2934.0	77122	SOUR-111	115	77123	SWDN-111	115	1	0.04971	109.1	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	
2934.7	76702	LOCKPORT	115	77126	TELRDTP1	115	1	0.05087	128.9	180.0	OPEN 79800 [PANNELL3 345] TO 79800 [ROCH 345 345] CKT 2	
											OPEN 79800 [ROCH 345 345] TO 79584 [NIAG 345 345] CKT 1	
2943.5	76702	LOCKPORT	115	77101	SHEL-113	115	1	0.05295	126.4	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	
2950.0	76702	LOCKPORT	115	77101	SHEL-113	115	1	0.05267	126.3	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	
2950.9	*75465	HINMN115	115	76261	HARIS115	115	1	-0.06360	-241.1	306.0	OPEN 79584 [NIAG 345 345] TO 79800 [ROCH 345 345] CKT 1	
2952.5	77100	SOUR-114	115	77111	MORTIMER	115	1	0.05408	97.8	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	
2954.2	77122	SOUR-111	115	77123	SWDN-111	115	1	0.05018	107.7	159.0	OPEN 79584 [NIAG 345 345] TO 79800 [ROCH 345 345] CKT 1	
2959.1	77100	SOUR-114	115	77111	MORTIMER	115	1	0.05379	97.7	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	
2970.1	76702	LOCKPORT	115	77101	SHEL-113	115	1	0.05317	124.8	180.0	OPEN 79584 [NIAG 345 345] TO 79800 [ROCH 345 345] CKT 1	
2970.1	77122	SOUR-111	115	77123	SWDN-111	115	1	0.04967	107.4	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	
2979.1	77100	SOUR-114	115	77111	MORTIMER	115	1	0.05430	96.1	153.0	OPEN 79584 [NIAG 345 345] TO 79800 [ROCH 345 345] CKT 1	
2986.2	76702	LOCKPORT	115	77101	SHEL-113	115	1	0.05263	124.5	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	
2995.3	77100	SOUR-114	115	77111	MORTIMER	115	1	0.05375	95.8	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	
3018.0	*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	
3028.4	75498	S.OWE115	115	75668	LOUN5115	115	1	-0.05956	-77.6	143.0	OPEN 75405 [OAKDL345 345] TO 75407 [WATRC345 345] CKT 1	
3105.8	77109	LAPPINS1	115	77116	NLEROYTA	115	1	0.05292	110.8	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	
3113.2	77109	LAPPINS1	115	77116	NLEROYTA	115	1	0.05264	110.8	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	
3129.1	76527	FALCONER	115	281	WARREN	115	1	0.05107	20.8	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	
3131.7	77109	LAPPINS1	115	77116	NLEROYTA	115	1	0.05314	109.2	173.0	OPEN 79584 [NIAG 345 345] TO 79800 [ROCH 345 345] CKT 1	
3138.3	77101	SHEL-113	115	77124	SWDN-113	115	1	0.05300	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	
3145.9	77101	SHEL-113	115	77124	SWDN-113	115	1	0.05272	115.9	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	
3149.5	77109	LAPPINS1	115	77116	NLEROYTA	115	1	0.05260	108.9	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	

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

TOTAL TRANS CAPAB	LIMITING ELEMENT						DISTR. FACTOR	PRE- RATING		CONTINGENCY	DESCRIPTION
	FROM	TO	CKT	SHIFT	BAS/CNT	MW		A/C			
3154.4	75469	KATEL115	115	75467	JENN 115	115	1	0.05330	93.8	159.0	OPEN 75405 [OAKDL345 345] TO 75403 [FRASR345 345] CKT 1
											OPEN 75405 [OAKDL345 345] TO 77403 [LAFAYTTE 345] CKT 1
3164.0	75405	OAKDL345	345	75403	FRASR345	345	1	0.36265	932.8	1380.0	OPEN 77400 [CLAY 345] TO 78450 [EDIC 345] CKT 2
											OPEN 78450 [EDIC 345] TO 75403 [FRASR345 345] CKT 1
3164.1	77101	SHEL-113	115	77124	SWDN-113	115	1	0.05322	114.4	180.0	OPEN 79584 [NIAG 345 345] TO 79800 [ROCH 345 345] CKT 1
3172.3	*76702	LOCKPORT	115	77122	SOUR-111	115	1	0.04231	106.5	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
3178.7	77111	MORTIMER	115	77124	SWDN-113	115	1	-0.05595	-83.2	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
3182.2	77101	SHEL-113	115	77124	SWDN-113	115	1	0.05268	114.1	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
3186.5	77111	MORTIMER	115	77124	SWDN-113	115	1	-0.05566	-83.1	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
3194.3	77111	MORTIMER	115	77123	SWDN-111	115	1	-0.05311	-85.9	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
3198.0	79584	NIAG 345	345	79800	ROCH 345	345	1	0.58998	937.5	1685.0	OPEN 75404 [KINTI345 345] TO 79800 [ROCH 345 345] CKT 1
3198.7	*76702	LOCKPORT	115	77126	TELRDTP1	115	1	0.03311	102.0	144.0	BASE CASE
3202.1	77111	MORTIMER	115	77123	SWDN-111	115	1	-0.05283	-85.8	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
3204.4	77111	MORTIMER	115	77124	SWDN-113	115	1	-0.05618	-81.5	153.0	OPEN 79584 [NIAG 345 345] TO 79800 [ROCH 345 345] CKT 1
3210.0	79584	NIAG 345	345	79800	ROCH 345	345	1	0.59040	929.9	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
3217.7	75405	OAKDL345	345	75403	FRASR345	345	1	0.37036	903.4	1380.0	OPEN 78450 [EDIC 345] TO 75403 [FRASR345 345] CKT 1
											OPEN 75403 [FRASR345 345] TO 75455 [FRASR115 115] CKT 1
3219.8	77111	MORTIMER	115	77123	SWDN-111	115	1	-0.05333	-84.3	153.0	OPEN 79584 [NIAG 345 345] TO 79800 [ROCH 345 345] CKT 1
3222.3	77100	SOUR-114	115	77126	TELRDTP1	115	1	-0.05413	-110.1	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
3222.8	77111	MORTIMER	115	77124	SWDN-113	115	1	-0.05562	-81.2	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
3230.3	77100	SOUR-114	115	77126	TELRDTP1	115	1	-0.05384	-110.0	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
3238.5	77111	MORTIMER	115	77123	SWDN-111	115	1	-0.05279	-84.0	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
3242.8	75414	MEYER230	230	75417	STOLE230	230	1	-0.13199	-256.8	430.0	BASE CASE
3247.7	77100	SOUR-114	115	77126	TELRDTP1	115	1	-0.05435	-108.4	180.0	OPEN 79584 [NIAG 345 345] TO 79800 [ROCH 345 345] CKT 1
3260.2	75405	OAKDL345	345	75403	FRASR345	345	1	0.35115	913.3	1380.0	OPEN 78460 [PORTER 2 230] TO 78980 [ROTRDM.2 230] CKT 1
											OPEN 78450 [EDIC 345] TO 75403 [FRASR345 345] CKT 1
3262.0	79584	NIAG 345	345	79800	ROCH 345	345	1	0.57026	925.9	1685.0	OPEN 79801 [PANNELL3 345] TO 79800 [ROCH 345 345] CKT 1
											OPEN 75404 [KINTI345 345] TO 79800 [ROCH 345 345] CKT 1
3266.7	77100	SOUR-114	115	77126	TELRDTP1	115	1	-0.05380	-108.1	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
3286.8	*77122	SOUR-111	115	77123	SWDN-111	115	1	0.04231	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
3305.6	*76702	LOCKPORT	115	77101	SHEL-113	115	1	0.04483	118.4	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
3308.8	79584	NIAG 345	345	79800	ROCH 345	345	1	0.58998	872.1	1685.0	OPEN 75404 [KINTI345 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		0.36279	119.1	
79801 PANNELL3 345	77400 CLAY 345	2		0.36397	119.5	
75417 STOLE230 230	75414 MEYER230 230	1		0.13199	256.8	
75994 PALMT115 115	75992 BENET115 115	1		0.00000	-6.5	
79826 QUAKER 115	75892 MACDN115 115	1		0.00327	36.4	
77111 MORTIMER 115	77110 LAWLER-1 115	1		0.03027	68.7	
77111 MORTIMER 115	77463 LAWLER-2 115	1		0.03164	47.6	
79825 PANNELLI 115	77447 FRMGTN-4 115	1		0.04130	111.9	
79804 S121 B#2 115	75893 SLEIG115 115	1		0.02969	77.6	
79810 STA 162 115	75995 S.PER115 115	1		0.00508	4.3	
79805 CLYDE199 115	75893 SLEIG115 115	1		-0.03075	-37.7	
79805 CLYDE199 115	77433 CLTNCORN 115	1		0.03075	21.3	
79875 FARMNGTN34.5	77444 FARMGTN1 115	1		0.00197	-23.8	
79875 FARMNGTN34.5	77447 FRMGTN-4 115	1		-0.00197	-41.8	
79946 S168 12.0	77447 FRMGTN-4 115	1		0.00000	-5.1	
TOTALS FOR INTERFACE WESTC OPEN					1.00000	748.3

TOTAL TRANS CAPAB	LIMITING ELEMENT	FROM	TO	CKT	DISTR.	FACTOR	PRE-SHIFT	RATING BAS/CNT	MW	A/C	CONTINGENCY	DESCRIPTION
990.4	ELM-70	230	76837 ELMST23	23.0	1	0.02621	89.7	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
1503.3	75465 HINMN115	115	76261 HARIS115	115	1	-0.04079	-207.2	238.0	BASE CASE			
1517.3	77103 BATAVIA1	115	77121 SENECAP	115	1	0.05102	119.8	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
1522.6	77103 BATAVIA1	115	77121 SENECAP	115	1	0.05075	119.7	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
1544.9	77103 BATAVIA1	115	77121 SENECAP	115	1	0.05123	118.2	159.0	OPEN 79584	[NIAG 345 345]	TO 79800	[ROCH 345 345] CKT 1
1557.8	75476 MEYER115	115	75995 S.PER115	115	1	-0.02789	-81.4	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
1558.5	77103 BATAVIA1	115	77121 SENECAP	115	1	0.05071	117.9	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
1598.7	75476 MEYER115	115	75995 S.PER115	115	1	-0.02776	-80.4	104.0	OPEN 75417	[STOLE230 230]	TO 75414	[MEYER230 230] CKT 1
1610.7	75405 OAKDL345	345	75403 FRASR345	345	1	0.38167	1050.9	1380.0	OPEN 78450	[EDIC 345]	TO 75403	[FRASR345 345] CKT 1
									OPEN 79583	[MARCY T1 345]	TO 75400	[COOPC345 345] CKT 1
1637.4	75476 MEYER115	115	75995 S.PER115	115	1	-0.02994	-77.4	104.0	OPEN 75417	[STOLE230 230]	TO 75414	[MEYER230 230] CKT 1
									OPEN 75406	[STOLE345 345]	TO 479	[HOMER CY 345] CKT 1
1648.0	76702 LOCKPORT	115	77122 SOUR-111	115	1	0.04997	114.0	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
1653.9	76702 LOCKPORT	115	77122 SOUR-111	115	1	0.04971	114.0	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
1675.0	76702 LOCKPORT	115	77122 SOUR-111	115	1	0.05018	112.5	159.0	OPEN 79584	[NIAG 345 345]	TO 79800	[ROCH 345 345] CKT 1
1690.0	76702 LOCKPORT	115	77122 SOUR-111	115	1	0.04967	112.2	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

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

TOTAL	LIMITING ELEMENT						DISTR.	PRE- RATING		CONTINGENCY DESCRIPTION			
TRANS	FROM	TO	CTKT	FACTOR	MW	A/C	SHIFT	BAS/CNT					
CAPAB	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
1709.7	76702	LOCKPORT	115 77126	TELRDTP1 115 1	0.05118	130.8	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
1716.0	76702	LOCKPORT	115 77126	TELRDTP1 115 1	0.05091	130.7	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
1736.5	76702	LOCKPORT	115 77126	TELRDTP1 115 1	0.05139	129.2	180.0	OPEN	79584	[NIAG 345 345]	TO	79800	[ROCH 345 345] CKT 1
1740.8	75465	HINMN115	115 76261	HARIS115 115 1	-0.05918	-247.3	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
1741.8	75465	HINMN115	115 76261	HARIS115 115 1	-0.06334	-243.1	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
1744.9	77122	SOUR-111	115 77123	SWDN-111 115 1	0.04997	109.2	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
1745.0	75465	HINMN115	115 76261	HARIS115 115 1	-0.06292	-243.3	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
1749.0	75469	KATEL115	115 75467	JENN 115 115 1	0.03876	120.2	159.0	OPEN	75405	[OAKDL345 345]	TO	75403	[FRASR345 345] CKT 1
1751.4	77122	SOUR-111	115 77123	SWDN-111 115 1	0.04971	109.1	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
1752.1	76702	LOCKPORT	115 77126	TELRDTP1 115 1	0.05087	128.9	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
1760.8	76702	LOCKPORT	115 77101	SHEL-113 115 1	0.05295	126.4	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
1767.4	76702	LOCKPORT	115 77101	SHEL-113 115 1	0.05267	126.3	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
1768.3	*75465	HINMN115	115 76261	HARIS115 115 1	-0.06360	-241.1	306.0	OPEN	79584	[NIAG 345 345]	TO	79800	[ROCH 345 345] CKT 1
1769.9	77100	SOUR-114	115 77111	MORTIMER 115 1	0.05408	97.8	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
1771.6	77122	SOUR-111	115 77123	SWDN-111 115 1	0.05018	107.7	159.0	OPEN	79584	[NIAG 345 345]	TO	79800	[ROCH 345 345] CKT 1
1776.5	77100	SOUR-114	115 77111	MORTIMER 115 1	0.05379	97.7	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
1787.4	76702	LOCKPORT	115 77101	SHEL-113 115 1	0.05317	124.8	180.0	OPEN	79584	[NIAG 345 345]	TO	79800	[ROCH 345 345] CKT 1
1787.5	77122	SOUR-111	115 77123	SWDN-111 115 1	0.04967	107.4	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
1796.4	77100	SOUR-114	115 77111	MORTIMER 115 1	0.05430	96.1	153.0	OPEN	79584	[NIAG 345 345]	TO	79800	[ROCH 345 345] CKT 1
1803.5	76702	LOCKPORT	115 77101	SHEL-113 115 1	0.05263	124.5	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
1812.6	77100	SOUR-114	115 77111	MORTIMER 115 1	0.05375	95.8	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
1835.3	*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
1845.7	75498	S.OWE115	115 75668	LOUN115 115 1	-0.05956	-77.6	143.0	OPEN	75405	[OAKDL345 345]	TO	75407	[WATRC345 345] CKT 1
1923.2	77109	LAPPINS1	115 77116	NLEROYTA 115 1	0.05292	110.8	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
1930.6	77109	LAPPINS1	115 77116	NLEROYTA 115 1	0.05264	110.8	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
1946.5	76527	FALCONER	115 281	WARREN 115 1	0.05107	20.8	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
1949.1	77109	LAPPINS1	115 77116	NLEROYTA 115 1	0.05314	109.2	173.0	OPEN	79584	[NIAG 345 345]	TO	79800	[ROCH 345 345] CKT 1

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

TOTAL	LIMITING ELEMENT						DISTR.	PRE- RATING		CONTINGENCY DESCRIPTION			
TRANS	FROM	TO	CKT	FACTOR	MW	A/C	SHIFT	BAS/CNT	DESCRIPTION				
1955.6	77101 SHEL-113	115 77124 SWDN-113	115 1	0.05300	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
1963.2	77101 SHEL-113	115 77124 SWDN-113	115 1	0.05272	115.9	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
1966.8	77109 LAPPINS1	115 77116 NLEROYTA	115 1	0.05260	108.9	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
1971.8	75469 KATEL115	115 75467 JENN 115	115 1	0.05330	93.8	159.0	OPEN	75405	[OAKDL345 345]	TO	75403	[FRASR345 345]	CKT 1
							OPEN	75405	[OAKDL345 345]	TO	77403	[LAFAYTTE 345]	CKT 1
1981.3	75405 OAKDL345	345 75403 FRASR345	345 1	0.36265	932.8	1380.0	OPEN	77400	[CLAY 345]	TO	78450	[EDIC 345]	CKT 2
							OPEN	78450	[EDIC 345]	TO	75403	[FRASR345 345]	CKT 1
1981.4	77101 SHEL-113	115 77124 SWDN-113	115 1	0.05322	114.4	180.0	OPEN	79584	[NIAG 345 345]	TO	79800	[ROCH 345 345]	CKT 1
1989.7	*76702 LOCKPORT	115 77122 SOUR-111	115 1	0.04231	106.5	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
1996.1	77111 MORTIMER	115 77124 SWDN-113	115 1	-0.05595	-83.2	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
1999.5	77101 SHEL-113	115 77124 SWDN-113	115 1	0.05268	114.1	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
2003.9	77111 MORTIMER	115 77124 SWDN-113	115 1	-0.05566	-83.1	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
2011.6	77111 MORTIMER	115 77123 SWDN-111	115 1	-0.05311	-85.9	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
2015.4	79584 NIAG 345	345 79800 ROCH 345	345 1	0.58998	937.5	1685.0	OPEN	75404	[KINTI345 345]	TO	79800	[ROCH 345 345]	CKT 1
2016.0	*76702 LOCKPORT	115 77126 TELRDTP1	115 1	0.03311	102.0	144.0	BASE CASE						
2019.5	77111 MORTIMER	115 77123 SWDN-111	115 1	-0.05283	-85.8	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
2021.7	77111 MORTIMER	115 77124 SWDN-113	115 1	-0.05618	-81.5	153.0	OPEN	79584	[NIAG 345 345]	TO	79800	[ROCH 345 345]	CKT 1
2027.3	79584 NIAG 345	345 79800 ROCH 345	345 1	0.59040	929.9	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
2035.1	75405 OAKDL345	345 75403 FRASR345	345 1	0.37036	903.4	1380.0	OPEN	78450	[EDIC 345]	TO	75403	[FRASR345 345]	CKT 1
							OPEN	75403	[FRASR345 345]	TO	75455	[FRASR115 115]	CKT 1
2037.2	77111 MORTIMER	115 77123 SWDN-111	115 1	-0.05333	-84.3	153.0	OPEN	79584	[NIAG 345 345]	TO	79800	[ROCH 345 345]	CKT 1
2039.6	77100 SOUR-114	115 77126 TELRDTP1	115 1	-0.05413	-110.1	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
2040.2	77111 MORTIMER	115 77124 SWDN-113	115 1	-0.05562	-81.2	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
2047.7	77100 SOUR-114	115 77126 TELRDTP1	115 1	-0.05384	-110.0	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
2055.8	77111 MORTIMER	115 77123 SWDN-111	115 1	-0.05279	-84.0	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
2060.1	75414 MEYER230	230 75417 STOLE230	230 1	-0.13199	-256.8	430.0	BASE CASE						
2065.1	77100 SOUR-114	115 77126 TELRDTP1	115 1	-0.05435	-108.4	180.0	OPEN	79584	[NIAG 345 345]	TO	79800	[ROCH 345 345]	CKT 1
2077.5	75405 OAKDL345	345 75403 FRASR345	345 1	0.35115	913.3	1380.0	OPEN	78460	[PORTER 2 230]	TO	78980	[ROTRDM.2 230]	CKT 1
							OPEN	78450	[EDIC 345]	TO	75403	[FRASR345 345]	CKT 1
2079.4	79584 NIAG 345	345 79800 ROCH 345	345 1	0.57026	925.9	1685.0	OPEN	79801	[PANNELL3 345]	TO	79800	[ROCH 345 345]	CKT 1
							OPEN	75404	[KINTI345 345]	TO	79800	[ROCH 345 345]	CKT 1
2084.0	77100 SOUR-114	115 77126 TELRDTP1	115 1	-0.05380	-108.1	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

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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:	211.6	1000.0	1211.6
OPPOSING SYSTEM MW GENERATION:	2518.7	-1000.0	1518.7
STUDY SYSTEM NET INTERCHANGE:	210.9	1000.0	1210.9

<----- STUDY SYSTEM ----->					<----- OPPOSING SYSTEM ----->				
<---- GENERATOR MW ---->					<---- GENERATOR MW ---->				
BUS	BUS NAME	BASE	SHIFT	CHANGE	BUS	BUS NAME	BASE	SHIFT	CHANGE
79513	MOS17-1813.8	97.6	597.6	500.0	74702	RAV 3	22.0	972.0	872.0 -100.0
79516	MOS21-2213.8	114.0	614.0	500.0	76641	DUNGEN413.8	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	187.6	117.6	-70.0
					79539	POLETSTG18.0	163.9	93.9	-70.0
					79540	POLETGT118.0	187.6	127.6	-60.0

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

<----- FROM ----->						<----- TO ----->						CKT	<----- BASE CASE ----->						
TOTAL	TRANS	RATING	PRE-	POST-	LIMIT	DISTR.													
CAPAB	A	MW	SHIFT	SHIFT	CASE	FACTOR													
79590	MOSES W	230	79517	MOS21-2413.8	6	272.4	258	-227.2	-727.2*	-258.0*	-0.50000								
79589	MOSES E	230	79514	MOS17-2013.8	5	305.1	258	-210.9	-710.9*	-241.7	-0.50000								
78009	BRNS FLS	115	78057	TAYLORVL	115	1	2002.5	102	39.8	74.5	41.9	0.03471							
78460	PORTER 2	230	79586	ADRON B2	230	1	2059.7	321	-144.3	-239.9	-150.2	-0.09557							
78009	BRNS FLS	115	78021	FLAT RCK	115	1	2063.9	102	-37.8	-72.5	-40.0	-0.03463							
78009	BRNS FLS	115	78025	HIGLEY	115	1	2079.6	102	-37.0	-71.8	-39.1	-0.03479							
78460	PORTER 2	230	79585	ADRON B1	230	1	2085.5	321	-141.9	-237.4	-147.7	-0.09557							
78009	BRNS FLS	115	78057	TAYLORVL	115	2	2117.8	106	39.8	74.5	41.9	0.03471							
79577	MARCY765	765	79583	MARCY T1	345	1	2173.5	1488	711.8	1107.3	736.1	0.39552							
79586	ADRON B2	230	79590	MOSES W	230	1	2299.8	348	-148.4	-243.9	-154.2	-0.09557							
79585	ADRON B1	230	79590	MOSES W	230	1	2299.8	348	-148.4	-243.9	-154.2	-0.09557							
78014	COLTON	115	78021	FLAT RCK	115	1	2453.7	114	36.3	71.0	38.5	0.03463							
79588	MASS230B	230	79589	MOSES E	230	1	2544.2	936	-73.3	-443.1	-96.1	-0.36973							
79587	MASS230A	230	79589	MOSES E	230	1	2544.2	936	-73.3	-443.1	-96.1	-0.36973							
79578	MASS 765	765	79587	MASS230A	230	1	2544.2	936	-73.3	-443.0	-96.0	-0.36973							
79578	MASS 765	765	79588	MASS230B	230	1	2544.2	936	-73.3	-443.0	-96.0	-0.36973							
78014	COLTON	115	78025	HIGLEY	115	1	2683.0	125	39.0	73.8	41.1	0.03479							
79577	MARCY765	765	79583	MARCY T1	345	2	2731.0	1488	621.2	965.2	642.4	0.34395							
78450	EDIC	345	79583	MARCY T1	345	1	3303.0	1677	-299.1	-744.7	-326.5	-0.44563							
79577	MARCY765	765	79578	MASS 765	765	1	3769.4	3975	-1344.	-2083.	-1389.	-0.73947							
INTERFACE MOSES	OPEN						3999.3	5358	1569.5	2569.6	1631.0	1.00003							
INTERFACE MOSES	SOUTH						4027.8	5400	1583.3	2583.3	1644.8	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	79577 MARCY765	765	1 0.73945	1343.6
79590 MOSES W 230	79585 ADRON B1	230	1 0.09557	148.4
79590 MOSES W 230	79586 ADRON B2	230	1 0.09557	148.4
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	-23.0
78033 MALONE 115	78041 NICHOLVL	115	1 0.01521	-25.8
TOTALS FOR INTERFACE MOSESSOUTH			1.00000	1583.3

TOTAL TRANS CAPAB	LIMITING ELEMENT	DISTR. FACTOR	PRE-SHIFT MW	RATING BAS/CNT A/C	CONTINGENCY DESCRIPTION
1644.8	79590 MOSES W 230	79517 MOS21-2413.8	6	-0.49999	-227.2 258.0 BASE CASE
1677.4	79589 MOSES E 230	79514 MOS17-2013.8	5	-0.49999	-210.9 258.0 BASE CASE
1765.3	78009 BRNS FLS 115	78057 TAYLORVL 115	2	0.07867	119.7 134.0 OPEN 79578 [MASS 765 765] TO 79577 [MARCY765 765] CKT 1
1778.0	78009 BRNS FLS 115	78057 TAYLORVL 115	1	0.07867	119.7 135.0 OPEN 79578 [MASS 765 765] TO 79577 [MARCY765 765] CKT 1
1784.8	79586 ADRON B2 230	79590 MOSES W 230	1	-0.23050	-393.6 440.0 OPEN 79578 [MASS 765 765] TO 79577 [MARCY765 765] CKT 1
1784.8	79585 ADRON B1 230	79590 MOSES W 230	1	-0.23050	-393.6 440.0 OPEN 79578 [MASS 765 765] TO 79577 [MARCY765 765] CKT 1
1806.1	78009 BRNS FLS 115	78021 FLAT RCK 115	1	-0.07849	-117.5 135.0 OPEN 79578 [MASS 765 765] TO 79577 [MARCY765 765] CKT 1
1811.1	78009 BRNS FLS 115	78025 HIGLEY 115	1	-0.07885	-117.0 135.0 OPEN 79578 [MASS 765 765] TO 79577 [MARCY765 765] CKT 1
1841.4	78460 PORTER 2 230	79586 ADRON B2 230	1	-0.23050	-389.5 449.0 OPEN 79578 [MASS 765 765] TO 79577 [MARCY765 765] CKT 1
1852.1	78460 PORTER 2 230	79585 ADRON B1 230	1	-0.23050	-387.0 449.0 OPEN 79578 [MASS 765 765] TO 79577 [MARCY765 765] CKT 1
1895.9	79602 PLAT T#3 115	70511 GRAND IS 115	1	0.08681	274.9 302.0 OPEN 79578 [MASS 765 765] TO 79577 [MARCY765 765] CKT 1
1896.1	79602 PLAT T#3 115	79672 PLAT 115	115	3 -0.08680	-274.9 302.0 OPEN 79578 [MASS 765 765] TO 79577 [MARCY765 765] CKT 1
1911.0	78028 LOWVILLE 115	78057 TAYLORVL 115	1	-0.04218	-120.2 134.0 OPEN 79578 [MASS 765 765] TO 79577 [MARCY765 765] CKT 1
1914.3	78014 COLTON 115	78021 FLAT RCK 115	1	0.07849	116.0 142.0 OPEN 79578 [MASS 765 765] TO 79577 [MARCY765 765] CKT 1
2039.3	78014 COLTON 115	78025 HIGLEY 115	1	0.07885	119.0 155.0 OPEN 79578 [MASS 765 765] TO 79577 [MARCY765 765] CKT 1
2095.8	78008 BREMEN 115	78057 TAYLORVL 115	1	-0.04216	-112.4 134.0 OPEN 79578 [MASS 765 765] TO 79577 [MARCY765 765] CKT 1
2219.4	79577 MARCY765 765	79583 MARCY T1 345	1	0.70002	1208.7 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
2361.0	78028 LOWVILLE 115	78471 BOONVL 115	1	0.04218	101.2 134.0 OPEN 79578 [MASS 765 765] TO 79577 [MARCY765 765] CKT 1
2391.5	78011 BU+LY+MO 115	78471 BOONVL 115	1	0.04216	111.9 146.0 OPEN 79578 [MASS 765 765] TO 79577 [MARCY765 765] CKT 1
2448.8	79589 MOSES E 230	81255 STLAWL34 230	1	0.16617	302.2 446.0 OPEN 79578 [MASS 765 765] TO 79577 [MARCY765 765] CKT 1
2522.9	78008 BREMEN 115	78011 BU+LY+MO 115	1	0.04216	106.4 146.0 OPEN 79578 [MASS 765 765] TO 79577 [MARCY765 765] CKT 1
2531.5	78009 BRNS FLS 115	78057 TAYLORVL 115	2	0.07867	59.4 134.0 OPEN 79577 [MARCY765 765] TO 79578 [MASS 765 765] CKT 1 OPEN 79578 [MASS 765 765] TO 84819 [CHA-NY 765] CKT 1
2544.2	78009 BRNS FLS 115	78057 TAYLORVL 115	1	0.07867	59.4 135.0 OPEN 79577 [MARCY765 765] TO 79578 [MASS 765 765] CKT 1 OPEN 79578 [MASS 765 765] TO 84819 [CHA-NY 765] CKT 1
2570.3	79586 ADRON B2 230	79590 MOSES W 230	1	-0.23050	-212.5 440.0 OPEN 79577 [MARCY765 765] TO 79578 [MASS 765 765] CKT 1 OPEN 79578 [MASS 765 765] TO 84819 [CHA-NY 765] CKT 1
2570.3	79585 ADRON B1 230	79590 MOSES W 230	1	-0.23050	-212.5 440.0 OPEN 79577 [MARCY765 765] TO 79578 [MASS 765 765] CKT 1 OPEN 79578 [MASS 765 765] TO 84819 [CHA-NY 765] CKT 1
2572.2	78009 BRNS FLS 115	78021 FLAT RCK 115	1	-0.07849	-57.4 135.0 OPEN 79577 [MARCY765 765] TO 79578 [MASS 765 765] CKT 1 OPEN 79578 [MASS 765 765] TO 84819 [CHA-NY 765] CKT 1
2577.2	78009 BRNS FLS 115	78025 HIGLEY 115	1	-0.07885	-56.6 135.0 OPEN 79577 [MARCY765 765] TO 79578 [MASS 765 765] CKT 1 OPEN 79578 [MASS 765 765] TO 84819 [CHA-NY 765] CKT 1
2626.9	78460 PORTER 2 230	79586 ADRON B2 230	1	-0.23050	-208.4 449.0 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\synte.sub
 MONITORED ELEMENT FILE: C:\NYISO\CRPP\monte.mon
 CONTINGENCY DESCRIPTION FILE: C:\NYISO\CRPP\conttel.con

	PRE-SHIFT	DELTA	POST-SHIFT
STUDY SYSTEM MW GENERATION:	1833.5	1000.0	2833.5
OPPOSING SYSTEM MW GENERATION:	3009.2	-1000.0	2009.2
STUDY SYSTEM NET INTERCHANGE:	1786.7	1000.0	2786.6

<----- 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	141.5	1.5	-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	310.8	210.8	-100.0
79515	MOS19-2013.8	114.0	214.0	100.0	74706	AST 5 20.0	178.8	58.8	-120.0
80900	LAKEVWG518.0	211.9	361.9	150.0	74906	NRTPTG1 22.0	275.0	205.0	-70.0
81765	NANTICG622.0	500.0	650.0	150.0	79390	BOW2 20.0	592.0	492.0	-100.0
					79538	POLETGT218.0	187.6	127.6	-60.0
					79539	POLETSTG18.0	163.9	103.9	-60.0
					79540	POLETGT118.0	187.6	117.6	-70.0

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

<----- FROM ----->						<----- TO ----->						CKT
						BASE CASE						
						TOTAL	PRE-	POST-	LIMIT			
						TRANS	RATING	SHIFT	SHIFT	CASE	DISTR.	
						CAPAB	A	MW	MW	MW	FACTOR	
INTERFACE CENTRAL EAST						2683.7	3100	2656.1	3151.0*	3100.0*	0.49489	
74344	PLTVLLEY	345	78701	LEEDS 3	345	2	3000.7	1331	-1086.	-1288.	-1267.	-0.20215
INTERFACE TOTAL EAST						3034.9	6500	5251.2	6251.6	6148.6	1.00044	
74344	PLTVLLEY	345	78705	ATHENS	345	1	3271.3	1331	-1045.	-1238.	-1218.	-0.19238
75400	COOPC345	345	75403	FRASR345	345	1	3347.1	1207	-903.1	-1098.	-1078.	-0.19472
74002	ROSETON	345	74331	FISHKILL	345	1	3716.4	1935	1575.3	1761.7	1742.5	0.18639
78450	EDIC	345	78702	N.SCOT77	345	1	4089.3	1331	893.9	1083.7	1064.2	0.18982
78703	N.SCOT99	345	79583	MARCY T1	345	1	4171.3	1487	-998.4	-1203.	-1182.	-0.20491
78701	LEEDS 3	345	78702	N.SCOT77	345	1	4511.0	1331	-815.5	-1005.	-985.2	-0.18923
75403	FRASR345	345	75405	OAKDL345	345	1	4514.5	1255	-697.3	-901.7	-880.7	-0.20445
78450	EDIC	345	77400	CLAY	345	2	4535.9	1033	-592.9	-752.9	-736.5	-0.16010
78701	LEEDS 3	345	78703	N.SCOT99	345	2	4550.6	1331	-811.1	-999.2	-979.8	-0.18810
78450	EDIC	345	77400	CLAY	345	1	4556.9	1033	-591.0	-750.5	-734.1	-0.15956
74001	ROCK TAV	345	74347	RAMAPO	345	1	5103.4	1720	926.4	1165.6	1141.0	0.23928
INTERFACE CENT E+FGILB						5510.0	5600	3146.5	3805.4	3737.6	0.65896	
75400	COOPC345	345	79304	N.M.TAP	345	1	5599.1	1464	800.3	974.4	956.4	0.17409
78701	LEEDS 3	345	78705	ATHENS	345	1	5610.5	1331	595.4	787.8	768.0	0.19238
78460	PORTER 2	230	78980	ROTRDM.2	230	2	5648.7	439	259.8	306.2	301.4	0.04640
INTERFACE CE GROUP						5668.7	8438	4554.3	5554.7	5451.7	1.00044	
INTERFACE VOLNEY EAST						5824.9	7190	3553.8	4454.2	4361.5	0.90045	

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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	0.22706	697.3
75469 KATEL115	115 75467 JENN 115	115 1	0.01086	70.9
75488 OAKDL115	115 75444 DELHI115	115 1	0.01372	46.7
75513 WILET115	115 75446 E.NOR115	115 1	0.01211	63.8
77400 CLAY	345 78450 EDIC	345 1	0.17720	591.0
77400 CLAY	345 78450 EDIC	345 2	0.17780	592.9
77406 VOLNEY	345 79583 MARCY T1	345 1	0.17390	718.5
77426 BRDGPORT	115 78484 PETRBORO	115 1	0.01262	37.0
77466 LTHSE HL	115 78005 BLACK RV	115 1	0.00494	-7.0
77466 LTHSE HL	115 78018 E WTRTWN	115 1	0.00493	-3.4
77494 TEALL	115 78483 ONEIDA	115 1	0.01268	35.5
77500 WHITMAN	115 78483 ONEIDA	115 1	0.00745	-11.2
77779 OMEGAWIR	34.5 78610 CAMDEN	34.5 1	0.00000	-2.8
79580 JA FITZP	345 78450 EDIC	345 1	0.16472	724.7
TOTALS FOR INTERFACE VOLNEY EAST			1.00000	3553.8

TOTAL TRANS CAPAB	LIMITING ELEMENT	FROM	TO	CKT	DISTR. FACTOR	PRE-SHIFT MW	RATING BAS/CNT A/C	CONTINGENCY DESCRIPTION
1415.0	79303 SMAHWAH2	345	5028 WALDWICK	345 1	0.03117	655.7	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
2997.3	INTERFACE CENTRAL EAST				0.73024	3506.3	3100.0	OPEN 78450 [EDIC 345] TO 75403 [FRASR345 345] CKT 1 OPEN 79583 [MARCY T1 345] TO 75400 [COOPC345 345] CKT 1
3265.3	INTERFACE CENTRAL EAST				0.69921	3301.7	3100.0	OPEN 79583 [MARCY T1 345] TO 75400 [COOPC345 345] CKT 1 OPEN 75403 [FRASR345 345] TO 75400 [COOPC345 345] CKT 1
3432.3	INTERFACE TOTAL EAST				1.11104	6634.9	6500.0	SET BUS 71786 [SANDY PD 345] LOAD TO 0 MW DISPATCH
3432.3	INTERFACE TOTAL EAST				1.11104	6634.9	6500.0	OPEN 70509 [SB RCTOR 115] TO 70508 [SANDB115 115] CKT 2 SET BUS 71786 [SANDY PD 345] LOAD TO 0 MW DISPATCH
3457.9	INTERFACE CENTRAL EAST				0.67652	3164.9	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
3490.6	INTERFACE CENTRAL EAST				0.54961	3134.7	3100.0	SET BUS 71786 [SANDY PD 345] LOAD TO 0 MW DISPATCH
3490.6 *	INTERFACE CENTRAL EAST				0.54961	3134.7	3100.0	OPEN 70509 [SB RCTOR 115] TO 70508 [SANDB115 115] CKT 2 SET BUS 71786 [SANDY PD 345] LOAD TO 0 MW DISPATCH
3602.5	INTERFACE TOTAL EAST				1.11104	6445.8	6500.0	OPEN 70509 [SB RCTOR 115] TO 70508 [SANDB115 115] CKT 2 REMOVE MACHINE 1 FROM BUS 72869 [SBRK G1 25.0] DISPATCH
3602.5	INTERFACE TOTAL EAST				1.11104	6445.8	6500.0	REMOVE MACHINE 1 FROM BUS 72869 [SBRK G1 25.0] DISPATCH
3631.7 *	INTERFACE TOTAL EAST				1.11104	6413.4	6500.0	OPEN 70509 [SB RCTOR 115] TO 70508 [SANDB115 115] CKT 2 REMOVE MACHINE 3 FROM BUS 73563 [MILL#3 24.0] DISPATCH
4095.2	74344 PLTVLLEY	345 78701 LEEDS 3	345 2	-0.31961	-1551.0	1724.0	OPEN 78705 [ATHENS 345] TO 74344 [PLTVLLEY 345] CKT 1	
4224.8	74344 PLTVLLEY	345 78705 ATHENS	345 1	-0.31085	-1515.4	1724.0	OPEN 78701 [LEEDS 3 345] TO 74344 [PLTVLLEY 345] CKT 2	
4264.2	74344 PLTVLLEY	345 78701 LEEDS 3	345 2	-0.30645	-1506.3	1724.0	OPEN 78705 [ATHENS 345] TO 74344 [PLTVLLEY 345] CKT 1 OPEN 74344 [PLTVLLEY 345] TO 74341 [MILLWOOD 345] CKT 1	
4269.9	74344 PLTVLLEY	345 78701 LEEDS 3	345 2	-0.30678	-1504.3	1724.0	OPEN 78705 [ATHENS 345] TO 74344 [PLTVLLEY 345] CKT 1 OPEN 74344 [PLTVLLEY 345] TO 74356 [WOOD B 345] CKT 1	
4404.0	74344 PLTVLLEY	345 78705 ATHENS	345 1	-0.29843	-1470.3	1724.0	OPEN 78701 [LEEDS 3 345] TO 74344 [PLTVLLEY 345] CKT 2 OPEN 74344 [PLTVLLEY 345] TO 74356 [WOOD B 345] CKT 1	

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

TOTAL TRANS CAPAB	LIMITING ELEMENT				DISTR. FACTOR	PRE- RATING			CONTINGENCY DESCRIPTION		
	FROM	TO	CKT			SHIFT MW	BAS/ A/C				
4535.3	74344 PLTVLLEY 345	78705 ATHENS 345	1	0.29045	-1438.9	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	
4611.1	74344 PLTVLLEY 345	78701 LEEDS 3 345	2	-0.29982	-1407.0	1724.0	OPEN 79583 [MARCY T1 345]	TO	75400 [COOPC345 345]	CKT 1	
							OPEN 75403 [FRASR345 345]	TO	75400 [COOPC345 345]	CKT 1	
4646.9	*74344 PLTVLLEY 345	78701 LEEDS 3 345	2	-0.22450	-1085.6	1331.0	BASE CASE				
4648.7	75403 FRASR345 345	75405 OAKDL345 345	1	-0.30062	-1050.9	1380.0	OPEN 78450 [EDIC 345]	TO	75403 [FRASR345 345]	CKT 1	
							OPEN 79583 [MARCY T1 345]	TO	75400 [COOPC345 345]	CKT 1	
4860.2	74344 PLTVLLEY 345	78705 ATHENS 345	1	-0.28532	-1351.2	1724.0	OPEN 79583 [MARCY T1 345]	TO	75400 [COOPC345 345]	CKT 1	
							OPEN 75403 [FRASR345 345]	TO	75400 [COOPC345 345]	CKT 1	
4890.7	*74344 PLTVLLEY 345	78705 ATHENS 345	1	-0.21364	-1045.4	1331.0	BASE CASE				
4925.0	78701 LEEDS 3 345	78703 N.SCOT99 345	2	-0.32818	-1274.0	1724.0	OPEN 78701 [LEEDS 3 345]	TO	78702 [N.SCOT77 345]	CKT 1	
4938.9	78703 N.SCOT99 345	79583 MARCY T1 345	1	-0.30729	-1366.4	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	
4944.6	75403 FRASR345 345	79581 GILB 345 345	1	0.32125	1077.2	1524.0	OPEN 79583 [MARCY T1 345]	TO	75400 [COOPC345 345]	CKT 1	
							OPEN 75403 [FRASR345 345]	TO	75400 [COOPC345 345]	CKT 1	
4958.9	75400 COOPC345 345	75403 FRASR345 345	1	-0.21625	-903.1	1207.0	BASE CASE				
4971.7	75403 FRASR345 345	79581 GILB 345 345	1	0.32478	1063.5	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	
4978.1	79303 SMAHWAH2 345	5028 WALDWICK 345	1	0.04090	530.7	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	
5017.8	78703 N.SCOT99 345	79583 MARCY T1 345	1	-0.30221	-1349.6	1792.0	OPEN 78450 [EDIC 345]	TO	75403 [FRASR345 345]	CKT 1	
							OPEN 79583 [MARCY T1 345]	TO	75400 [COOPC345 345]	CKT 1	
5124.3	79586 ADRON B2 230	79590 MOSES W 230	1	-0.02957	-393.6	440.0	OPEN 79578 [MASS 765 765]	TO	79577 [MARCY765 765]	CKT 1	
5124.4	79585 ADRON B1 230	79590 MOSES W 230	1	-0.02957	-393.6	440.0	OPEN 79578 [MASS 765 765]	TO	79577 [MARCY765 765]	CKT 1	
5158.6	78703 N.SCOT99 345	79583 MARCY T1 345	1	-0.30086	-1309.2	1792.0	OPEN 78450 [EDIC 345]	TO	78702 [N.SCOT77 345]	CKT 1	
5165.5	75403 FRASR345 345	75405 OAKDL345 345	1	-0.27745	-932.8	1380.0	OPEN 77400 [CLAY 345]	TO	78450 [EDIC 345]	CKT 2	
							OPEN 78450 [EDIC 345]	TO	75403 [FRASR345 345]	CKT 1	
5195.4	75400 COOPC345 345	75403 FRASR345 345	1	-0.28967	-1227.5	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	
5235.6	75403 FRASR345 345	75405 OAKDL345 345	1	-0.28336	-903.4	1380.0	OPEN 78450 [EDIC 345]	TO	75403 [FRASR345 345]	CKT 1	
							OPEN 75403 [FRASR345 345]	TO	75455 [FRASR115 115]	CKT 1	
5244.3	75400 COOPC345 345	79583 MARCY T1 345	1	-0.22369	-966.8	1345.0	OPEN 75403 [FRASR345 345]	TO	75400 [COOPC345 345]	CKT 1	
							OPEN 75405 [OAKDL345 345]	TO	75403 [FRASR345 345]	CKT 1	
5256.0	75400 COOPC345 345	75403 FRASR345 345	1	-0.28704	-1214.4	1703.0	OPEN 79583 [MARCY T1 345]	TO	75400 [COOPC345 345]	CKT 1	
5258.8	75400 COOPC345 345	75403 FRASR345 345	1	-0.28698	-1213.7	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	
5263.7	78703 N.SCOT99 345	79583 MARCY T1 345	1	-0.29569	-1286.4	1792.0	OPEN 79580 [JA FITZP 345]	TO	78450 [EDIC 345]	CKT 1	
							OPEN 78702 [N.SCOT77 345]	TO	78450 [EDIC 345]	CKT 1	
5267.8	*75400 COOPC345 345	75403 FRASR345 345	1	-0.28687	-1211.3	1703.0	OPEN 79577 [MARCY765 765]	TO	79583 [MARCY T1 345]	CKT 1	
							OPEN 79583 [MARCY T1 345]	TO	75400 [COOPC345 345]	CKT 1	
5285.6	75403 FRASR345 345	75405 OAKDL345 345	1	-0.26951	-913.3	1380.0	OPEN 78460 [PORTER 2 230]	TO	78980 [ROTRDM.2 230]	CKT 1	
							OPEN 78450 [EDIC 345]	TO	75403 [FRASR345 345]	CKT 1	
5291.4	74002 ROSETON 345	74331 FISHKILL 345	1	0.20700	1575.3	1935.0	BASE CASE				
5291.5	75400 COOPC345 345	79583 MARCY T1 345	1	-0.22136	-960.3	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	16.8
75403 FRASR345	345 79581 GILB 345 345	1	0.16400	490.4
75400 COOPC345	345 74001 ROCK TAV 345	2	0.16248	707.9
75400 COOPC345	345 79304 N.M.TAP 345	1	0.17402	800.3
2 BRANCHBG	500 74300 RAMAPO 5 500	1	0.00000	440.4
4989 HUDSON1	345 74328 FARRGUT1 345	1	0.00000	399.9
5039 HUDSON2	345 74329 FARRGUT2 345	1	0.00000	399.9
4996 LINDEN	230 74371 GOETHALS 230	1	0.00000	200.2
5028 WALDWICK	345 79302 SMAHWAH1 345	1	-0.00242	-427.0
5028 WALDWICK	345 79303 SMAHWAH2 345	1	0.00242	-546.6
79314 HCOR138	138 79311 BURNS138 138	1	-0.00048	-92.7
79320 SMAH138	138 79302 SMAHWAH1 345	1	0.00734	-178.9
79320 SMAH138	138 79319 RAMP138 138	1	-0.00437	-94.4
79334 CLOSTR6969.0	79357 SPARKILL69.0	1	0.00066	-18.1
79338 HCOR69	69.0 79362 WNYA69 69.0	1	0.00172	-33.4
79346 MONTVALE69.0	79327 BLUHILL 69.0	1	0.00000	5.5
79346 MONTVALE69.0	79327 BLUHILL 69.0	2	0.00000	5.5
79346 MONTVALE69.0	79400 L491T 69.0	1	0.00046	-34.2
79356 SMAH69	69.0 79340 HILB69 69.0	1	-0.00523	-46.1
79370 HCOR34	34.5 79376 PEARL34 34.5	1	-0.00010	2.9
75447 E.SPR115	115 79136 INGHAM-E 115	1	0.00861	13.9
78450 EDIC	345 78702 N.SCOT77 345	1	0.18974	893.9
78460 PORTER 2	230 78980 ROTRDM.2 230	1	0.04513	253.1
78460 PORTER 2	230 78980 ROTRDM.2 230	2	0.04638	259.8
78478 INGMS-CD	115 79136 INGHAM-E 115	1	0.00000	119.9
79583 MARCY T1	345 78703 N.SCOT99 345	1	0.20482	998.4
79602 PLAT T#3	115 70511 GRAND IS 115	1	0.00000	117.1
74959 NEPTCONV	345 74958 NWBRG 345	1	0.00000	597.0
TOTALS FOR INTERFACE TOTAL EAST			1.00000	5251.2

TOTAL TRANS	LIMITING ELEMENT	DISTR. FACTOR	PRE-SHIFT MW	RATING BAS/CNT	CONTINGENCY DESCRIPTION
2874.9	79303 SMAHWAH2 345 5028 WALDWICK 345 1	0.02806	655.7	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
4633.0	INTERFACE CENTRAL EAST	0.65726	3506.3	3100.0	OPEN 78450 [EDIC 345] TO 75403 [FRASR345 345] CKT 1 OPEN 79583 [MARCY T1 345] TO 75400 [COOPC345 345] CKT 1
4930.7	INTERFACE CENTRAL EAST	0.62932	3301.7	3100.0	OPEN 79583 [MARCY T1 345] TO 75400 [COOPC345 345] CKT 1 OPEN 75403 [FRASR345 345] TO 75400 [COOPC345 345] CKT 1
5116.3	INTERFACE TOTAL EAST	1.00000	6634.9	6500.0	SET BUS 71786 [SANDY PD 345] LOAD TO 0 MW DISPATCH
5116.3	INTERFACE TOTAL EAST	1.00000	6634.9	6500.0	OPEN 70509 [SB RCTOR 115] TO 70508 [SANDB115 115] CKT 2 SET BUS 71786 [SANDY PD 345] LOAD TO 0 MW DISPATCH
5144.7	INTERFACE CENTRAL EAST	0.60890	3164.9	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
5181.0	INTERFACE CENTRAL EAST	0.49468	3134.7	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	LIMITING ELEMENT						DISTR.	PRE- RATING		CONTINGENCY DESCRIPTION	
TRANS	FROM	TO	CKT	FACTOR	MW	A/C	SHIFT	BAS/CNT			
5181.0 *	INTERFACE CENTRAL EAST						0.49468	3134.7	3100.0	OPEN 70509 [SB RCTOR 115] TO 70508 [SANDB115 115] CKT 2 SET BUS 71786 [SANDY PD 345] LOAD TO 0 MW DISPATCH	
5305.4	INTERFACE TOTAL EAST						1.00000	6445.8	6500.0	OPEN 70509 [SB RCTOR 115] TO 70508 [SANDB115 115] CKT 2 REMOVE MACHINE 1 FROM BUS 72869 [SBRK G1 25.0] DISPATCH	
5305.4	INTERFACE TOTAL EAST						1.00000	6445.8	6500.0	REMOVE MACHINE 1 FROM BUS 72869 [SBRK G1 25.0] DISPATCH	
5337.8 *	INTERFACE TOTAL EAST						1.00000	6413.4	6500.0	OPEN 70509 [SB RCTOR 115] TO 70508 [SANDB115 115] CKT 2 REMOVE MACHINE 3 FROM BUS 73563 [MILL#3 24.0] DISPATCH	
5852.7	74344	PLTVLLEY	345	78701	LEEDS 3	345 2	-0.28767	-1551.0	1724.0	OPEN 78705 [ATHENS 345] TO 74344 [PLTVLLEY 345] CKT 1	
5996.8	74344	PLTVLLEY	345	78705	ATHENS	345 1	-0.27978	-1515.4	1724.0	OPEN 78701 [LEEDS 3 345] TO 74344 [PLTVLLEY 345] CKT 2	
6040.5	74344	PLTVLLEY	345	78701	LEEDS 3	345 2	-0.27583	-1506.3	1724.0	OPEN 78705 [ATHENS 345] TO 74344 [PLTVLLEY 345] CKT 1	
6046.9	74344	PLTVLLEY	345	78701	LEEDS 3	345 2	-0.27612	-1504.3	1724.0	OPEN 74344 [PLTVLLEY 345] TO 74341 [MILLWOOD 345] CKT 1	
6195.8	74344	PLTVLLEY	345	78705	ATHENS	345 1	-0.26860	-1470.3	1724.0	OPEN 78705 [ATHENS 345] TO 74344 [PLTVLLEY 345] CKT 1	
6341.7	74344	PLTVLLEY	345	78705	ATHENS	345 1	-0.26142	-1438.9	1724.0	OPEN 74344 [PLTVLLEY 345] TO 74356 [WOOD B 345] CKT 1	
6426.0	74344	PLTVLLEY	345	78701	LEEDS 3	345 2	-0.26986	-1407.0	1724.0	OPEN 78701 [LEEDS 3 345] TO 74344 [PLTVLLEY 345] CKT 2	
6465.7	*74344	PLTVLLEY	345	78701	LEEDS 3	345 2	-0.20206	-1085.6	1331.0	OPEN 78702 [N.SCOT77 345] TO 78701 [LEEDS 3 345] CKT 1	
6467.7	75403	FRASR345	345	75405	OAKDL345	345 1	-0.27057	-1050.9	1380.0	OPEN 79583 [MARCY T1 345] TO 75400 [COOPC345 345] CKT 1	
6702.7	74344	PLTVLLEY	345	78705	ATHENS	345 1	-0.25681	-1351.2	1724.0	OPEN 75403 [FRASR345 345] TO 75400 [COOPC345 345] CKT 1	
6736.5	*74344	PLTVLLEY	345	78705	ATHENS	345 1	-0.19229	-1045.4	1331.0	OPEN 78450 [EDIC 345] TO 75403 [FRASR345 345] CKT 1	
6774.7	78701	LEEDS 3	345	78703	N.SCOT99	345 2	-0.29538	-1274.0	1724.0	OPEN 79583 [MARCY T1 345] TO 75400 [COOPC345 345] CKT 1	
6790.2	78703	N.SCOT99	345	79583	MARCY T1	345 1	-0.27657	-1366.4	1792.0	OPEN 78702 [N.SCOT77 345] TO 78450 [EDIC 345] CKT 1	
6796.5	75403	FRASR345	345	79581	GILB 345	345 1	0.28914	1077.2	1524.0	OPEN 78450 [EDIC 345] TO 78460 [PORTER 2 230] CKT 1	
6812.4	75400	COOPC345	345	75403	FRASR345	345 1	-0.19464	-903.1	1207.0	OPEN 79583 [MARCY T1 345] TO 75400 [COOPC345 345] CKT 1	
6826.6	75403	FRASR345	345	79581	GILB 345	345 1	0.29232	1063.5	1524.0	OPEN 75400 [COOPC345 345] TO 74001 [ROCK TAV 345] CKT 2	
6833.6	79303	SMAHWAH2	345	5028	WALDWICK	345 1	0.03681	530.7	589.0	OPEN 75400 [COOPC345 345] TO 79304 [N.M.TAP 345] CKT 1	
6877.8	78703	N.SCOT99	345	79583	MARCY T1	345 1	-0.27201	-1349.6	1792.0	OPEN 79304 [N.M.TAP 345] TO 74001 [ROCK TAV 345] CKT 1	
6996.2	79586	ADRON B2	230	79590	MOSES W	230 1	-0.02661	-393.6	440.0	OPEN 74347 [RAMAPO 345] TO 74312 [BUCH N 345] CKT 1	
6996.2	79585	ADRON B1	230	79590	MOSES W	230 1	-0.02661	-393.6	440.0	OPEN 74347 [RAMAPO 345] TO 74312 [BUCH N 345] CKT 1	
7034.3	78703	N.SCOT99	345	79583	MARCY T1	345 1	-0.27079	-1309.2	1792.0	OPEN 74410 [BUCHNTA5 138] TO 74312 [BUCH N 345] CKT 1	
7041.8	75403	FRASR345	345	75405	OAKDL345	345 1	-0.24972	-932.8	1380.0	OPEN 78450 [EDIC 345] TO 75403 [FRASR345 345] CKT 1	
7075.2	75400	COOPC345	345	75403	FRASR345	345 1	-0.26072	-1227.5	1703.0	OPEN 79583 [MARCY T1 345] TO 75400 [COOPC345 345] CKT 1	
										OPEN 78460 [PORTER 2 230] TO 78980 [ROTRDM.2 230] 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	0.01741	13.9
78450 EDIC	345 78702 N.SCOT77	345 1	0.38356	893.9
78460 PORTER 2	230 78980 ROTRDM.2	230 1	0.09124	253.1
78460 PORTER 2	230 78980 ROTRDM.2	230 2	0.09375	259.8
78478 INGMS-CD	115 79136 INGHAM-E	115 1	0.00000	119.9
79583 MARCY T1	345 78703 N.SCOT99	345 1	0.41405	998.4
79602 PLAT T#3	115 70511 GRAND IS	115 1	0.00000	117.1
TOTALS FOR INTERFACE CENTRAL EAST			1.00000	2656.1

TOTAL TRANS CAPAB	LIMITING ELEMENT	FROM	TO	CKT	DISTR. FACTOR	PRE-SHIFT MW	RATING BAS/CNT A/C	CONTINGENCY DESCRIPTION
1480.6		79303 SMAHWAH2	345 5028 WALDWICK	345 1	0.05672	655.7	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
2350.3	INTERFACE CENTRAL EAST				1.32867	3506.3	3100.0	OPEN 78450 [EDIC 345] TO 75403 [FRASR345 345] CKT 1 OPEN 79583 [MARCY T1 345] TO 75400 [COOPC345 345] CKT 1
2497.5	INTERFACE CENTRAL EAST				1.27220	3301.7	3100.0	OPEN 79583 [MARCY T1 345] TO 75400 [COOPC345 345] CKT 1 OPEN 75403 [FRASR345 345] TO 75400 [COOPC345 345] CKT 1
2589.3	INTERFACE TOTAL EAST				2.02153	6634.9	6500.0	SET BUS 71786 [SANDY PD 345] LOAD TO 0 MW DISPATCH
2589.3	INTERFACE TOTAL EAST				2.02153	6634.9	6500.0	OPEN 70509 [SB RCTOR 115] TO 70508 [SANDB115 115] CKT 2 SET BUS 71786 [SANDY PD 345] LOAD TO 0 MW DISPATCH
2603.4	INTERFACE CENTRAL EAST				1.23091	3164.9	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
2621.3	INTERFACE CENTRAL EAST				1.00000	3134.7	3100.0	SET BUS 71786 [SANDY PD 345] LOAD TO 0 MW DISPATCH
2621.4 *	INTERFACE CENTRAL EAST				1.00000	3134.7	3100.0	OPEN 70509 [SB RCTOR 115] TO 70508 [SANDB115 115] CKT 2 SET BUS 71786 [SANDY PD 345] LOAD TO 0 MW DISPATCH
2682.9	INTERFACE TOTAL EAST				2.02153	6445.8	6500.0	OPEN 70509 [SB RCTOR 115] TO 70508 [SANDB115 115] CKT 2 REMOVE MACHINE 1 FROM BUS 72869 [SBRK G1 25.0] DISPATCH
2682.9	INTERFACE TOTAL EAST				2.02153	6445.8	6500.0	REMOVE MACHINE 1 FROM BUS 72869 [SBRK G1 25.0] DISPATCH
2698.9 *	INTERFACE TOTAL EAST				2.02153	6413.4	6500.0	OPEN 70509 [SB RCTOR 115] TO 70508 [SANDB115 115] CKT 2 REMOVE MACHINE 3 FROM BUS 73563 [MILL#3 24.0] DISPATCH
2953.6		74344 PLTVLLEY	345 78701 LEEDS 3	345 2	-0.58153	-1551.0	1724.0	OPEN 78705 [ATHENS 345] TO 74344 [PLTVLLEY 345] CKT 1
3024.9		74344 PLTVLLEY	345 78705 ATHENS	345 1	-0.56558	-1515.4	1724.0	OPEN 78701 [LEEDS 3 345] TO 74344 [PLTVLLEY 345] CKT 2
3046.5		74344 PLTVLLEY	345 78701 LEEDS 3	345 2	-0.55759	-1506.3	1724.0	OPEN 78705 [ATHENS 345] TO 74344 [PLTVLLEY 345] CKT 1 OPEN 74344 [PLTVLLEY 345] TO 74341 [MILLWOOD 345] CKT 1
3049.7		74344 PLTVLLEY	345 78701 LEEDS 3	345 2	-0.55818	-1504.3	1724.0	OPEN 78705 [ATHENS 345] TO 74344 [PLTVLLEY 345] CKT 1 OPEN 74344 [PLTVLLEY 345] TO 74356 [WOOD B 345] CKT 1
3123.3		74344 PLTVLLEY	345 78705 ATHENS	345 1	-0.54299	-1470.3	1724.0	OPEN 78701 [LEEDS 3 345] TO 74344 [PLTVLLEY 345] CKT 2 OPEN 74344 [PLTVLLEY 345] TO 74356 [WOOD B 345] CKT 1
3195.5		74344 PLTVLLEY	345 78705 ATHENS	345 1	-0.52848	-1438.9	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
3237.2		74344 PLTVLLEY	345 78701 LEEDS 3	345 2	-0.54553	-1407.0	1724.0	OPEN 79583 [MARCY T1 345] TO 75400 [COOPC345 345] CKT 1 OPEN 75403 [FRASR345 345] TO 75400 [COOPC345 345] CKT 1
3256.9	*74344	PLTVLLEY	345 78701 LEEDS 3	345 2	-0.40848	-1085.6	1331.0	BASE CASE
3257.8	75403	FRASR345	345 75405 OAKDL345	345 1	-0.54696	-1050.9	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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*** TLTG TRANSFER LIMIT OUTPUT FOR INTERFACE CENTRAL EAST ***

TOTAL	TRANS	LIMITING ELEMENT				DISTR.	PRE- RATING		CONTINGENCY DESCRIPTION			
CAPAB	FROM	TO	CKT	FACTOR	MW	A/C	SHIFT	BAS/CNT	TO			
3374.1	74344	PLTVLLEY 345	78705	ATHENS 345	1	-0.51914	-1351.2	1724.0	OPEN	79583 [MARCY T1 345]	TO	75400 [COOPC345 345] CKT 1
									OPEN	75403 [FRASR345 345]	TO	75400 [COOPC345 345] CKT 1
3390.8	*74344	PLTVLLEY 345	78705	ATHENS 345	1	-0.38872	-1045.4	1331.0	BASE CASE			
3409.7	78701	LEEDS 3 345	78703	N.SCOT99 345	2	-0.59712	-1274.0	1724.0	OPEN	78701 [LEEDS 3 345]	TO	78702 [N.SCOT77 345] CKT 1
3417.4	78703	N.SCOT99 345	79583	MARCY T1 345	1	-0.55910	-1366.4	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
3420.5	75403	FRASR345 345	79581	GILB 345 345	1	0.58450	1077.2	1524.0	OPEN	79583 [MARCY T1 345]	TO	75400 [COOPC345 345] CKT 1
									OPEN	75403 [FRASR345 345]	TO	75400 [COOPC345 345] CKT 1
3428.3	75400	COOPC345 345	75403	FRASR345 345	1	-0.39346	-903.1	1207.0	BASE CASE			
3435.4	75403	FRASR345 345	79581	GILB 345 345	1	0.59094	1063.5	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
3438.9	79303	SMAHWAH2 345	5028	WALDWICK 345	1	0.07441	530.7	589.0	OPEN	79304 [N.M.TAP 345]	TO	74001 [ROCK TAV 345] CKT 1
									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
3460.7	78703	N.SCOT99 345	79583	MARCY T1 345	1	-0.54987	-1349.6	1792.0	OPEN	78450 [EDIC 345]	TO	75403 [FRASR345 345] CKT 1
									OPEN	79583 [MARCY T1 345]	TO	75400 [COOPC345 345] CKT 1
3519.3	79586	ADRON B2 230	79590	MOSES W 230	1	-0.05380	-393.6	440.0	OPEN	79578 [MASS 765 765]	TO	79577 [MARCY765 765] CKT 1
3519.3	79585	ADRON B1 230	79590	MOSES W 230	1	-0.05380	-393.6	440.0	OPEN	79578 [MASS 765 765]	TO	79577 [MARCY765 765] CKT 1
3538.1	78703	N.SCOT99 345	79583	MARCY T1 345	1	-0.54740	-1309.2	1792.0	OPEN	78450 [EDIC 345]	TO	78702 [N.SCOT77 345] CKT 1
3541.9	75403	FRASR345 345	75405	OAKDL345 345	1	-0.50481	-932.8	1380.0	OPEN	77400 [CLAY 345]	TO	78450 [EDIC 345] CKT 2
									OPEN	78450 [EDIC 345]	TO	75403 [FRASR345 345] CKT 1
3558.3	75400	COOPC345 345	75403	FRASR345 345	1	-0.52705	-1227.5	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
3580.4	75403	FRASR345 345	75405	OAKDL345 345	1	-0.51556	-903.4	1380.0	OPEN	78450 [EDIC 345]	TO	75403 [FRASR345 345] CKT 1
									OPEN	75403 [FRASR345 345]	TO	75455 [FRASR115 115] CKT 1
3585.2	75400	COOPC345 345	79583	MARCY T1 345	1	-0.40700	-966.8	1345.0	OPEN	75403 [FRASR345 345]	TO	75400 [COOPC345 345] CKT 1
									OPEN	75405 [OAKDL345 345]	TO	75403 [FRASR345 345] CKT 1
3591.7	75400	COOPC345 345	75403	FRASR345 345	1	-0.52227	-1214.4	1703.0	OPEN	79583 [MARCY T1 345]	TO	75400 [COOPC345 345] CKT 1
3593.2	75400	COOPC345 345	75403	FRASR345 345	1	-0.52215	-1213.7	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
3595.8	78703	N.SCOT99 345	79583	MARCY T1 345	1	-0.53800	-1286.4	1792.0	OPEN	79580 [JA FITZP 345]	TO	78450 [EDIC 345] CKT 1
									OPEN	78702 [N.SCOT77 345]	TO	78450 [EDIC 345] CKT 1
3598.1	*75400	COOPC345 345	75403	FRASR345 345	1	-0.52196	-1211.3	1703.0	OPEN	79577 [MARCY765 765]	TO	79583 [MARCY T1 345] CKT 1
									OPEN	79583 [MARCY T1 345]	TO	75400 [COOPC345 345] CKT 1
3607.9	75403	FRASR345 345	75405	OAKDL345 345	1	-0.49038	-913.3	1380.0	OPEN	78460 [PORTER 2 230]	TO	78980 [ROTRDM.2 230] CKT 1
									OPEN	78450 [EDIC 345]	TO	75403 [FRASR345 345] CKT 1
3611.1	74002	ROSETON 345	74331	FISHKILL 345	1	0.37664	1575.3	1935.0	BASE CASE			
3611.1	75400	COOPC345 345	79583	MARCY T1 345	1	-0.40277	-960.3	1345.0	OPEN	75403 [FRASR345 345]	TO	75400 [COOPC345 345] CKT 1
3612.6	75400	COOPC345 345	79583	MARCY T1 345	1	-0.40274	-959.7	1345.0	OPEN	75403 [FRASR345 345]	TO	75400 [COOPC345 345] CKT 1
									OPEN	75400 [COOPC345 345]	TO	75440 [COOPC115 115] CKT 1
3618.3	78450	EDIC 345	78702	N.SCOT77 345	1	0.52013	1223.5	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
3619.5	78450	EDIC 345	78702	N.SCOT77 345	1	0.52003	1223.0	1724.0	OPEN	78703 [N.SCOT99 345]	TO	79583 [MARCY T1 345] CKT 1
3622.9	75400	COOPC345 345	79304	N.M.TAP 345	1	0.56021	1251.3	1793.0	OPEN	74001 [ROCK TAV 345]	TO	75400 [COOPC345 345] CKT 2
									OPEN	75400 [COOPC345 345]	TO	75440 [COOPC115 115] CKT 1
3628.7	75400	COOPC345 345	79304	N.M.TAP 345	1	0.55979	1248.6	1793.0	OPEN	75400 [COOPC345 345]	TO	74001 [ROCK TAV 345] CKT 2

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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	0.24898	490.4
75447 E.SPR115 115	79136 INGHAM-E 115	1	0.01307	13.9
78450 EDIC 345	78702 N.SCOT77 345	1	0.28806	893.9
78460 PORTER 2 230	78980 ROTRDM.2 230	1	0.06852	253.1
78460 PORTER 2 230	78980 ROTRDM.2 230	2	0.07041	259.8
78478 INGMS-CD 115	79136 INGHAM-E 115	1	0.00000	119.9
79583 MARCY T1 345	78703 N.SCOT99 345	1	0.31096	998.4
79602 PLAT T#3 115	70511 GRAND IS 115	1	0.00000	117.1
TOTALS FOR INTERFACE CENT E+FGILB			1.00000	3146.5

TOTAL TRANS	CAPAB	FROM	TO	CKT	DISTR. FACTOR	PRE-RATING MW	A/C	CONTINGENCY	DESCRIPTION
1581.3	79303	SMAHWAH2 345	5028 WALDWICK 345	1	0.04260	655.7	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	
2739.3		INTERFACE CENTRAL EAST			0.99785	3506.3	3100.0	OPEN 78450 [EDIC 345] TO 75403 [FRASR345 345] CKT 1	
								OPEN 79583 [MARCY T1 345] TO 75400 [COOPC345 345] CKT 1	
2935.4		INTERFACE CENTRAL EAST			0.95544	3301.7	3100.0	OPEN 79583 [MARCY T1 345] TO 75400 [COOPC345 345] CKT 1	
								OPEN 75403 [FRASR345 345] TO 75400 [COOPC345 345] CKT 1	
3057.6		INTERFACE TOTAL EAST			1.51820	6634.9	6500.0	SET BUS 71786 [SANDY PD 345] LOAD TO 0 MW DISPATCH	
3057.6		INTERFACE TOTAL EAST			1.51820	6634.9	6500.0	OPEN 70509 [SB RCTOR 115] TO 70508 [SANDB115 115] CKT 2	
								SET BUS 71786 [SANDY PD 345] LOAD TO 0 MW DISPATCH	
3076.3		INTERFACE CENTRAL EAST			0.92443	3164.9	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	
3100.2		INTERFACE CENTRAL EAST			0.75102	3134.7	3100.0	SET BUS 71786 [SANDY PD 345] LOAD TO 0 MW DISPATCH	
3100.3 *		INTERFACE CENTRAL EAST			0.75102	3134.7	3100.0	OPEN 70509 [SB RCTOR 115] TO 70508 [SANDB115 115] CKT 2	
								SET BUS 71786 [SANDY PD 345] LOAD TO 0 MW DISPATCH	
3182.2		INTERFACE TOTAL EAST			1.51820	6445.8	6500.0	OPEN 70509 [SB RCTOR 115] TO 70508 [SANDB115 115] CKT 2	
								REMOVE MACHINE 1 FROM BUS 72869 [SBRK G1 25.0] DISPATCH	
3182.2		INTERFACE TOTAL EAST			1.51820	6445.8	6500.0	REMOVE MACHINE 1 FROM BUS 72869 [SBRK G1 25.0] DISPATCH	
3203.5 *		INTERFACE TOTAL EAST			1.51820	6413.4	6500.0	OPEN 70509 [SB RCTOR 115] TO 70508 [SANDB115 115] CKT 2	
								REMOVE MACHINE 3 FROM BUS 73563 [MILL#3 24.0] DISPATCH	
3542.7	74344	PLTVLLEY 345	78701 LEEDS 3	345 2	-0.43674	-1551.0	1724.0	OPEN 78705 [ATHENS 345] TO 74344 [PLTVLLEY 345] CKT 1	
3637.6	74344	PLTVLLEY 345	78705 ATHENS	345 1	-0.42476	-1515.4	1724.0	OPEN 78701 [LEEDS 3 345] TO 74344 [PLTVLLEY 345] CKT 2	
3666.4	74344	PLTVLLEY 345	78701 LEEDS 3	345 2	-0.41876	-1506.3	1724.0	OPEN 78705 [ATHENS 345] TO 74344 [PLTVLLEY 345] CKT 1	
								OPEN 74344 [PLTVLLEY 345] TO 74341 [MILLWOOD 345] CKT 1	
3670.6	74344	PLTVLLEY 345	78701 LEEDS 3	345 2	-0.41920	-1504.3	1724.0	OPEN 78705 [ATHENS 345] TO 74344 [PLTVLLEY 345] CKT 1	
								OPEN 74344 [PLTVLLEY 345] TO 74356 [WOOD B 345] CKT 1	
3768.7	74344	PLTVLLEY 345	78705 ATHENS	345 1	-0.40779	-1470.3	1724.0	OPEN 78701 [LEEDS 3 345] TO 74344 [PLTVLLEY 345] CKT 2	
								OPEN 74344 [PLTVLLEY 345] TO 74356 [WOOD B 345] CKT 1	
3864.8	74344	PLTVLLEY 345	78705 ATHENS	345 1	-0.39689	-1438.9	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	
3920.3	74344	PLTVLLEY 345	78701 LEEDS 3	345 2	-0.40970	-1407.0	1724.0	OPEN 79583 [MARCY T1 345] TO 75400 [COOPC345 345] CKT 1	
								OPEN 75403 [FRASR345 345] TO 75400 [COOPC345 345] CKT 1	
3946.5	*74344	PLTVLLEY 345	78701 LEEDS 3	345 2	-0.30677	-1085.6	1331.0	BASE CASE	

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

TOTAL TRANS CAPAB	LIMITING ELEMENT			DISTR. FACTOR	PRE-RATING SHIFT MW	RATING BAS/CNT A/C	CONTINGENCY	DESCRIPTION
	FROM	TO	CKT					
3947.7	75403 FRASR345	345 75405 OAKDL345	345 1	-0.41078	-1050.9	1380.0	OPEN 78450 [EDIC 345] TO 75403 [FRASR345 345] CKT 1	
							OPEN 79583 [MARCY T1 345] TO 75400 [COOPC345 345] CKT 1	
4102.6	74344 PLTVLLEY	345 78705 ATHENS	345 1	-0.38988	-1351.2	1724.0	OPEN 79583 [MARCY T1 345] TO 75400 [COOPC345 345] CKT 1	
							OPEN 75403 [FRASR345 345] TO 75400 [COOPC345 345] CKT 1	
4124.8	*74344 PLTVLLEY	345 78705 ATHENS	345 1	-0.29194	-1045.4	1331.0	BASE CASE	
4150.0	78701 LEEDS 3	345 78703 N.SCOT99	345 2	-0.44844	-1274.0	1724.0	OPEN 78701 [LEEDS 3 345] TO 78702 [N.SCOT77 345] CKT 1	
4160.2	78703 N.SCOT99	345 79583 MARCY T1	345 1	-0.41989	-1366.4	1792.0	OPEN 78702 [N.SCOT77 345] TO 78450 [EDIC 345] CKT 1	
							OPEN 78450 [EDIC 345] TO 78460 [PORTER 2 230] CKT 1	
4164.3	75403 FRASR345	345 79581 GILB 345	345 1	0.43897	1077.2	1524.0	OPEN 78450 [EDIC 345] TO 78485 [PORTER 1 115] CKT 1	
							OPEN 79583 [MARCY T1 345] TO 75400 [COOPC345 345] CKT 1	
4174.8	75400 COOPC345	345 75403 FRASR345	345 1	-0.29550	-903.1	1207.0	BASE CASE	
4184.2	75403 FRASR345	345 79581 GILB 345	345 1	0.44381	1063.5	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	
4188.8	79303 SMAHWAH2	345 5028 WALDWICK	345 1	0.05589	530.7	589.0	OPEN 79304 [N.M.TAP 345] TO 74001 [ROCK TAV 345] CKT 1	
							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	
4217.9	78703 N.SCOT99	345 79583 MARCY T1	345 1	-0.41296	-1349.6	1792.0	OPEN 78450 [EDIC 345] TO 75403 [FRASR345 345] CKT 1	
							OPEN 79583 [MARCY T1 345] TO 75400 [COOPC345 345] CKT 1	
4295.8	79586 ADRON B2	230 79590 MOSES W	230 1	-0.04040	-393.6	440.0	OPEN 79578 [MASS 765 765] TO 79577 [MARCY765 765] CKT 1	
4295.9	79585 ADRON B1	230 79590 MOSES W	230 1	-0.04040	-393.6	440.0	OPEN 79578 [MASS 765 765] TO 79577 [MARCY765 765] CKT 1	
4320.9	78703 N.SCOT99	345 79583 MARCY T1	345 1	-0.41111	-1309.2	1792.0	OPEN 78450 [EDIC 345] TO 78702 [N.SCOT77 345] CKT 1	
4325.9	75403 FRASR345	345 75405 OAKDL345	345 1	-0.37912	-932.8	1380.0	OPEN 77400 [CLAY 345] TO 78450 [EDIC 345] CKT 2	
							OPEN 78450 [EDIC 345] TO 75403 [FRASR345 345] CKT 1	
4347.9	75400 COOPC345	345 75403 FRASR345	345 1	-0.39582	-1227.5	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	
4377.3	75403 FRASR345	345 75405 OAKDL345	345 1	-0.38720	-903.4	1380.0	OPEN 78450 [EDIC 345] TO 75403 [FRASR345 345] CKT 1	
							OPEN 75403 [FRASR345 345] TO 75455 [FRASR115 115] CKT 1	
4383.6	75400 COOPC345	345 79583 MARCY T1	345 1	-0.30567	-966.8	1345.0	OPEN 75403 [FRASR345 345] TO 75400 [COOPC345 345] CKT 1	
							OPEN 75405 [OAKDL345 345] TO 75403 [FRASR345 345] CKT 1	
4392.2	75400 COOPC345	345 75403 FRASR345	345 1	-0.39224	-1214.4	1703.0	OPEN 79583 [MARCY T1 345] TO 75400 [COOPC345 345] CKT 1	
4394.3	75400 COOPC345	345 75403 FRASR345	345 1	-0.39214	-1213.7	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	
4397.8	78703 N.SCOT99	345 79583 MARCY T1	345 1	-0.40405	-1286.4	1792.0	OPEN 79580 [JA FITZP 345] TO 78450 [EDIC 345] CKT 1	
							OPEN 78702 [N.SCOT77 345] TO 78450 [EDIC 345] CKT 1	
4400.8	*75400 COOPC345	345 75403 FRASR345	345 1	-0.39200	-1211.3	1703.0	OPEN 79577 [MARCY765 765] TO 79583 [MARCY T1 345] CKT 1	
							OPEN 79583 [MARCY T1 345] TO 75400 [COOPC345 345] CKT 1	
4413.8	75403 FRASR345	345 75405 OAKDL345	345 1	-0.36828	-913.3	1380.0	OPEN 78460 [PORTER 2 230] TO 78980 [ROTRDM.2 230] CKT 1	
							OPEN 78450 [EDIC 345] TO 75403 [FRASR345 345] CKT 1	
4418.1	74002 ROSETON	345 74331 FISHKILL	345 1	0.28286	1575.3	1935.0	BASE CASE	
4418.2	75400 COOPC345	345 79583 MARCY T1	345 1	-0.30248	-960.3	1345.0	OPEN 75403 [FRASR345 345] TO 75400 [COOPC345 345] CKT 1	
4420.2	75400 COOPC345	345 79583 MARCY T1	345 1	-0.30247	-959.7	1345.0	OPEN 75403 [FRASR345 345] TO 75400 [COOPC345 345] CKT 1	
							OPEN 75400 [COOPC345 345] TO 75440 [COOPC115 115] CKT 1	
4427.7	78450 EDIC	345 78702 N.SCOT77	345 1	0.39063	1223.5	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	
4429.3	78450 EDIC	345 78702 N.SCOT77	345 1	0.39055	1223.0	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 ->		PRE-
FROM	TO	CKT	DISTR. FACTOR	SHIFT MW
75512 W.WDB115	115 76210 W.WDBR6969.0	1	0.00483	16.8
75403 FRASR345	345 79581 GILB 345 345	1	0.16400	490.4
75400 COOPC345	345 74001 ROCK TAV 345	2	0.16248	707.9
75400 COOPC345	345 79304 N.M.TAP 345	1	0.17402	800.3
75447 E.SPR115	115 79136 INGHAM-E 115	1	0.00861	13.9
78450 EDIC	345 78702 N.SCOT77 345	1	0.18974	893.9
78460 PORTER 2	230 78980 ROTRDM.2 230	1	0.04513	253.1
78460 PORTER 2	230 78980 ROTRDM.2 230	2	0.04638	259.8
78478 INGMS-CD	115 79136 INGHAM-E 115	1	0.00000	119.9
79583 MARCY T1	345 78703 N.SCOT99 345	1	0.20482	998.4
TOTALS FOR INTERFACE CE GROUP			1.00000	4554.3

TOTAL TRANS CAPAB	LIMITING ELEMENT	FROM	TO	CKT	DISTR. FACTOR	PRE-SHIFT MW	RATING BAS/CNT A/C	CONTINGENCY DESCRIPTION
2178.0	79303 SMAHWAH2	345	5028 WALDWICK	345 1	0.02806	655.7	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
3936.1	INTERFACE CENTRAL EAST				0.65726	3506.3	3100.0	OPEN 78450 [EDIC 345] TO 75403 [FRASR345 345] CKT 1 OPEN 79583 [MARCY T1 345] TO 75400 [COOPC345 345] CKT 1
4233.8	INTERFACE CENTRAL EAST				0.62932	3301.7	3100.0	OPEN 79583 [MARCY T1 345] TO 75400 [COOPC345 345] CKT 1 OPEN 75403 [FRASR345 345] TO 75400 [COOPC345 345] CKT 1
4419.4	INTERFACE TOTAL EAST				1.00000	6634.9	6500.0	SET BUS 71786 [SANDY PD 345] LOAD TO 0 MW DISPATCH
4419.4	INTERFACE TOTAL EAST				1.00000	6634.9	6500.0	OPEN 70509 [SB RCTOR 115] TO 70508 [SANDB115 115] CKT 2 SET BUS 71786 [SANDY PD 345] LOAD TO 0 MW DISPATCH
4447.8	INTERFACE CENTRAL EAST				0.60890	3164.9	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
4484.1	INTERFACE CENTRAL EAST				0.49467	3134.7	3100.0	SET BUS 71786 [SANDY PD 345] LOAD TO 0 MW DISPATCH
4484.1 *	INTERFACE CENTRAL EAST				0.49467	3134.7	3100.0	OPEN 70509 [SB RCTOR 115] TO 70508 [SANDB115 115] CKT 2 SET BUS 71786 [SANDY PD 345] LOAD TO 0 MW DISPATCH
4608.5	INTERFACE TOTAL EAST				1.00000	6445.8	6500.0	OPEN 70509 [SB RCTOR 115] TO 70508 [SANDB115 115] CKT 2 REMOVE MACHINE 1 FROM BUS 72869 [SBRK G1 25.0] DISPATCH
4608.5	INTERFACE TOTAL EAST				1.00000	6445.8	6500.0	REMOVE MACHINE 1 FROM BUS 72869 [SBRK G1 25.0] DISPATCH
4640.9 *	INTERFACE TOTAL EAST				1.00000	6413.4	6500.0	OPEN 70509 [SB RCTOR 115] TO 70508 [SANDB115 115] CKT 2 REMOVE MACHINE 3 FROM BUS 73563 [MILL#3 24.0] DISPATCH
5155.8	74344 PLTVLLEY 345	78701 LEEDS 3	345 2	-0.28767	-1551.0	1724.0		OPEN 78705 [ATHENS 345] TO 74344 [PLTVLLEY 345] CKT 1
5299.9	74344 PLTVLLEY 345	78705 ATHENS 345	1	-0.27978	-1515.4	1724.0		OPEN 78701 [LEEDS 3 345] TO 74344 [PLTVLLEY 345] CKT 2
5343.6	74344 PLTVLLEY 345	78701 LEEDS 3	345 2	-0.27582	-1506.3	1724.0		OPEN 78705 [ATHENS 345] TO 74344 [PLTVLLEY 345] CKT 1 OPEN 74344 [PLTVLLEY 345] TO 74341 [MILLWOOD 345] CKT 1
5350.0	74344 PLTVLLEY 345	78701 LEEDS 3	345 2	-0.27612	-1504.3	1724.0		OPEN 78705 [ATHENS 345] TO 74344 [PLTVLLEY 345] CKT 1 OPEN 74344 [PLTVLLEY 345] TO 74356 [WOOD B 345] CKT 1
5498.9	74344 PLTVLLEY 345	78705 ATHENS 345	1	-0.26860	-1470.3	1724.0		OPEN 78701 [LEEDS 3 345] TO 74344 [PLTVLLEY 345] CKT 2 OPEN 74344 [PLTVLLEY 345] TO 74356 [WOOD B 345] CKT 1
5644.8	74344 PLTVLLEY 345	78705 ATHENS 345	1	-0.26142	-1438.9	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
5729.1	74344 PLTVLLEY 345	78701 LEEDS 3	345 2	-0.26986	-1407.0	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 CE GROUP ***

TOTAL	TRANS	FROM	LIMITING ELEMENT	TO	CKT	DISTR. FACTOR	PRE- RATING SHIFT MW	BAS/CNT A/C	CONTINGENCY	DESCRIPTION
5768.9	*74344	PLTVLLEY 345	78701 LEEDS 3	345 2		-0.20206	-1085.6	1331.0		BASE CASE
5770.8	75403	FRASR345 345	75405 OAKDL345	345 1		-0.27057	-1050.9	1380.0	OPEN 78450 [EDIC 345]	TO 75403 [FRASR345 345] CKT 1
6005.9	74344	PLTVLLEY 345	78705 ATHENS	345 1		-0.25681	-1351.2	1724.0	OPEN 79583 [MARCY T1 345]	TO 75400 [COOPC345 345] CKT 1
6039.6	*74344	PLTVLLEY 345	78705 ATHENS	345 1		-0.19229	-1045.4	1331.0	OPEN 79583 [MARCY T1 345]	TO 75400 [COOPC345 345] CKT 1
6077.9	78701	LEEDS 3 345	78703 N.SCOT99	345 2		-0.29538	-1274.0	1724.0	OPEN 78450 [EDIC 345]	TO 78460 [PORTER 2 230] CKT 1
6093.3	78703	N.SCOT99 345	79583 MARCY T1	345 1		-0.27657	-1366.4	1792.0	OPEN 78450 [EDIC 345]	TO 78485 [PORTER 1 115] CKT 1
6099.6	75403	FRASR345 345	79581 GILB 345	345 1		0.28914	1077.2	1524.0	OPEN 79583 [MARCY T1 345]	TO 75400 [COOPC345 345] CKT 1
6115.5	75400	COOPC345 345	75403 FRASR345	345 1		-0.19464	-903.1	1207.0	OPEN 75403 [FRASR345 345]	TO 75400 [COOPC345 345] CKT 1
6129.7	75403	FRASR345 345	79581 GILB 345	345 1		0.29232	1063.5	1524.0	OPEN 75400 [COOPC345 345]	TO 74001 [ROCK TAV 345] CKT 2
6136.8	79303	SMAHWAH2 345	5028 WALDWICK	345 1		0.03681	530.7	589.0	OPEN 79304 [N.M.TAP 345]	TO 74001 [ROCK TAV 345] CKT 1
6180.9	78703	N.SCOT99 345	79583 MARCY T1	345 1		-0.27201	-1349.6	1792.0	OPEN 74347 [RAMAPO 345]	TO 74340 [LADENTWN 345] CKT 1
6299.3	79586	ADRON B2 230	79590 MOSES W	230 1		-0.02661	-393.6	440.0	OPEN 74347 [RAMAPO 345]	TO 74312 [BUCH N 345] CKT 1
6299.3	79585	ADRON B1 230	79590 MOSES W	230 1		-0.02661	-393.6	440.0	OPEN 74410 [BUCHNTA5 138]	TO 74312 [BUCH N 345] CKT 1
6337.4	78703	N.SCOT99 345	79583 MARCY T1	345 1		-0.27079	-1309.2	1792.0	OPEN 78450 [EDIC 345]	TO 75403 [FRASR345 345] CKT 1
6345.0	75403	FRASR345 345	75405 OAKDL345	345 1		-0.24972	-932.8	1380.0	OPEN 79583 [MARCY T1 345]	TO 75400 [COOPC345 345] CKT 1
6378.3	75400	COOPC345 345	75403 FRASR345	345 1		-0.26072	-1227.5	1703.0	OPEN 79578 [MASS 765 765]	TO 79577 [MARCY765 765] CKT 1
6422.9	75403	FRASR345 345	75405 OAKDL345	345 1		-0.25504	-903.4	1380.0	OPEN 79578 [MASS 765 765]	TO 79577 [MARCY765 765] CKT 1
6432.6	75400	COOPC345 345	79583 MARCY T1	345 1		-0.20133	-966.8	1345.0	OPEN 78450 [EDIC 345]	TO 78702 [N.SCOT77 345] CKT 1
6445.6	75400	COOPC345 345	75403 FRASR345	345 1		-0.25836	-1214.4	1703.0	OPEN 77400 [CLAY 345]	TO 78450 [EDIC 345] CKT 2
6448.7	75400	COOPC345 345	75403 FRASR345	345 1		-0.25829	-1213.7	1703.0	OPEN 78450 [EDIC 345]	TO 75403 [FRASR345 345] CKT 1
6454.1	78703	N.SCOT99 345	79583 MARCY T1	345 1		-0.26614	-1286.4	1792.0	OPEN 79583 [MARCY T1 345]	TO 75455 [FRASR115 115] CKT 1
6458.6	*75400	COOPC345 345	75403 FRASR345	345 1		-0.25820	-1211.3	1703.0	OPEN 75403 [FRASR345 345]	TO 75400 [COOPC345 345] CKT 1
6478.4	75403	FRASR345 345	75405 OAKDL345	345 1		-0.24258	-913.3	1380.0	OPEN 75405 [OAKDL345 345]	TO 75403 [FRASR345 345] CKT 1
6484.9	74002	ROSETON 345	74331 FISHKILL	345 1		0.18631	1575.3	1935.0	OPEN 79583 [MARCY T1 345]	TO 75400 [COOPC345 345] CKT 1
6485.0	75400	COOPC345 345	79583 MARCY T1	345 1		-0.19924	-960.3	1345.0	OPEN 79590 [MOSES W 230]	TO 79585 [ADRON B1 230] CKT 1
6488.1	75400	COOPC345 345	79583 MARCY T1	345 1		-0.19923	-959.7	1345.0	OPEN 79583 [MARCY T1 345]	TO 75400 [COOPC345 345] CKT 1
6499.4	78450	EDIC 345	78702 N.SCOT77	345 1		0.25730	1223.5	1724.0	OPEN 79583 [MARCY T1 345]	TO 75400 [COOPC115 115] CKT 1
6501.9	78450	EDIC 345	78702 N.SCOT77	345 1		0.25725	1223.0	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
									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:	2208.2	-1000.0	1208.2
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	141.5	71.5 -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	310.8	110.8 -200.0
					74706	AST 5	20.0	178.8	78.8 -100.0
					74707	RAV 1	20.0	330.1	180.1 -150.0
					74907	NRTPTG2	22.0	275.0	95.0 -180.0

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

<----- FROM ----->					<----- TO ----->					BASE CASE ----->				
			CKT		TOTAL	RATING	PRE-	POST-	LIMIT					
					TRANS	A	SHIFT	SHIFT	CASE	DISTR.				
					CAPAB	A	MW	MW	MW	FACTOR				
74316	DUNWODIE	345	75000	SHORE RD	345	1	1483.3	687	546.1	726.0*	687.0*	0.17986		
74344	PLTVLLEY	345	78701	LEEDS 3	345	2	1912.0	1331	-1086.	-1288.	-1244.	-0.20250		
74650	REAC71	345	74691	S. BRONX	345	3	1988.8	715	443.5	654.2	608.5	0.21069		
74651	REAC72	345	74691	S. BRONX	345	4	1988.8	715	443.5	654.2	608.5	0.21069		
74316	DUNWODIE	345	74651	REAC72	345	SR	1988.8	715	443.5	654.2	608.5	0.21069		
74316	DUNWODIE	345	74650	REAC71	345	SR	1988.8	715	443.5	654.2	608.5	0.21069		
74403	ASTORIAW	138	74496	HG 5	138	1	2098.0	177	-36.8	116.1	83.0	0.15297		
74403	ASTORIAW	138	74497	HG 6	138	1	2152.4	177	-33.6	111.4	80.0	0.14500		
74344	PLTVLLEY	345	78705	ATHENS	345	1	2182.2	1331	-1045.	-1238.	-1196.	-0.19271		
74348	SPRBROOK	345	74567	REACM51	345	SR	2227.8	774	469.2	668.7	625.4	0.19953		
74348	SPRBROOK	345	74568	REACM52	345	SR	2227.8	774	469.2	668.7	625.4	0.19953		
74354	W 49 ST	345	74568	REACM52	345	2	2236.1	774	-467.5	-667.1	-623.8	-0.19953		
74354	W 49 ST	345	74567	REACM51	345	1	2236.1	774	-467.5	-667.1	-623.8	-0.19953		
74345	RAINEY	345	74612	8W DUM	138	8	2285.6	240	-114.6	109.0	60.5	0.22368		
74345	RAINEY	345	74691	S. BRONX	345	4	2405.6	715	-355.6	-566.3	-520.7	-0.21071		
74345	RAINEY	345	74691	S. BRONX	345	3	2405.6	715	-355.6	-566.3	-520.7	-0.21071		
74002	ROSETON	345	74331	FISHKILL	345	1	2494.9	1935	1575.3	1775.7	1732.3	0.20041		
74345	RAINEY	345	74611	8E DUM	138	8	2520.8	271	-141.6	85.0	35.9	0.22661		
74435	E179 ST	138	74497	HG 6	138	1	2543.7	222	331.6*	31.3	96.4	-0.30026		
74402	ASTE-WRG	138	74492	HG 1	138	1	2801.8	161	154.1	4.2	36.7	-0.14993		
74384	ASTE-ERG	138	74495	HG 4	138	1	2810.5	161	155.7	5.6	38.2	-0.15006		
	INTERFACE F TO G						3206.9	4527	3079.8	3657.1	3532.0	0.57732		
74435	E179 ST	138	74495	HG 4	138	1	3265.3	161	-223.8*	-73.8	-106.3	0.14999		

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

-<- INTERFACE 'F TO G		' DEFINITION ->		PRE-	
FROM	TO	CKT	DISTR. FACTOR	SHIFT	MW
78742 BLUES-8	115 74043 PL.VAL 1	115 1	0.02169		57.3
78739 BL STR E	115 74043 PL.VAL 1	115 1	0.02538		50.4
78730 ADM	115 74043 PL.VAL 1	115 1	0.02251		49.6
78757 BOC 2T	115 74040 N.CAT. 1	115 2	0.02004		86.6
78701 LEEDS 3	345 74000 HURLEY 3	345 1	0.22582		705.0
78705 ATHENS	345 74344 PLTVLLEY 345	1	0.33380		1045.4
78701 LEEDS 3	345 74344 PLTVLLEY 345	2	0.35076		1085.6
TOTALS FOR INTERFACE F TO G			1.00000		3079.8

TOTAL TRANS CAPAB	LIMITING ELEMENT	DISTR. FACTOR	PRE-SHIFT MW	RATING BAS/CNT A/C	CONTINGENCY DESCRIPTION
2158.3	79303 SMAHWAH2 345 5028 WALDWICK 345 1	0.07235	655.7	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
2757.8	74018 SUGARLF 115 74046 ROCK TV1 115 1	-0.03612	-229.6	218.0	OPEN 79304 [N.M.TAP 345] TO 79322 [SHOEMTAP 138] CKT 1
2757.8	74018 SUGARLF 115 74046 ROCK TV1 115 1	-0.03612	-229.6	218.0	OPEN 79321 [SHOEM138 138] TO 79322 [SHOEMTAP 138] CKT 1
2770.5	74018 SUGARLF 115 79359 SGRLF69 69.0 1	0.03612	229.2	218.0	OPEN 79304 [N.M.TAP 345] TO 79322 [SHOEMTAP 138] CKT 1
2770.5	74018 SUGARLF 115 79359 SGRLF69 69.0 1	0.03612	229.2	218.0	OPEN 79321 [SHOEM138 138] TO 79322 [SHOEMTAP 138] CKT 1
3017.1	74018 SUGARLF 115 74046 ROCK TV1 115 1	-0.03683	-220.3	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
3029.4	74018 SUGARLF 115 79359 SGRLF69 69.0 1	0.03683	219.9	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
3426.3	74344 PLTVLLEY 345 78701 LEEDS 3 345 2	-0.49936	-1551.0	1724.0	OPEN 74344 [PLTVLLEY 345] TO 78705 [ATHENS 345] CKT 1
3509.3	74344 PLTVLLEY 345 78705 ATHENS 345 1	-0.48567	-1515.4	1724.0	OPEN 74344 [PLTVLLEY 345] TO 78701 [LEEDS 3 345] CKT 2
3532.0	74316 DUNWODIE 345 75000 SHORE RD 345 1	0.31154	546.1	687.0	BASE CASE
3534.4	74344 PLTVLLEY 345 78701 LEEDS 3 345 2	-0.47892	-1506.3	1724.0	OPEN 78705 [ATHENS 345] TO 74344 [PLTVLLEY 345] CKT 1 OPEN 74344 [PLTVLLEY 345] TO 74341 [MILLWOOD 345] CKT 1
3538.1	74344 PLTVLLEY 345 78701 LEEDS 3 345 2	-0.47942	-1504.3	1724.0	OPEN 78705 [ATHENS 345] TO 74344 [PLTVLLEY 345] CKT 1 OPEN 74344 [PLTVLLEY 345] TO 74356 [WOOD B 345] CKT 1
3613.4	74345 RAINEY 345 74691 S. BRONX 345 3	-0.71686	-698.5	1081.0	OPEN 74345 [RAINEY 345] TO 74691 [S. BRONX 345] CKT 4
3613.4	74345 RAINEY 345 74691 S. BRONX 345 4	-0.71686	-698.5	1081.0	OPEN 74345 [RAINEY 345] TO 74691 [S. BRONX 345] CKT 3
3623.8	74344 PLTVLLEY 345 78705 ATHENS 345 1	-0.46636	-1470.3	1724.0	OPEN 78701 [LEEDS 3 345] TO 74344 [PLTVLLEY 345] CKT 2 OPEN 74344 [PLTVLLEY 345] TO 74356 [WOOD B 345] CKT 1
3625.4	79308 CHESTER 138 79321 SHOEM138 138 1	-0.09249	-253.9	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 OPEN 74046 [ROCK TV1 115] TO 74018 [SUGARLF 115] CKT 1
3640.1	74018 SUGARLF 115 74046 ROCK TV1 115 1	-0.04413	-193.3	218.0	OPEN 74001 [ROCK TAV 345] TO 74347 [RAMAPO 345] CKT 1
3650.5	74018 SUGARLF 115 79359 SGRLF69 69.0 1	0.04413	192.8	218.0	OPEN 74001 [ROCK TAV 345] TO 74347 [RAMAPO 345] CKT 1
3684.5	*74018 SUGARLF 115 74046 ROCK TV1 115 1	-0.04028	-193.6	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
3695.8	*74018 SUGARLF 115 79359 SGRLF69 69.0 1	0.04028	193.2	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 ***

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

FROM	TO	CKT	DISTR. FACTOR	PRE-SHIFT MW
2 BRANCHBG 500 74300 RAMAPO 5 500 1			0.00000	440.4
75400 COOPC345 345 79304 N.M.TAP 345 1			0.17551	800.3
75400 COOPC345 345 74001 ROCK TAV 345 2			0.16428	707.9
75512 W.WDB115 115 76210 W.WDBR6969.0 1			0.00507	16.8
78742 BLUES-8 115 74043 PL.VAL 1 115 1			0.01253	57.3
78739 BL STR E 115 74043 PL.VAL 1 115 1			0.01466	50.4
78730 ADM 115 74043 PL.VAL 1 115 1			0.01300	49.6
78757 BOC 2T 115 74040 N.CAT. 1 115 2			0.01158	86.6
78701 LEEDS 3 345 74000 HURLEY 3 345 1			0.13044	705.0
78705 ATHENS 345 74344 PLTVLLEY 345 1			0.19282	1045.4
78701 LEEDS 3 345 74344 PLTVLLEY 345 2			0.20261	1085.6
73117 CTNY398 345 74344 PLTVLLEY 345 1			0.07751	-303.0
TOTALS FOR INTERFACE UPNY-S OPEN			1.00000	4742.2

TOTAL TRANS	FROM	TO	CKT	DISTR. FACTOR	PRE-RATING MW	A/C	CONTINGENCY	DESCRIPTION
3146.8	79303 SMAHWAH2 345 5028 WALDWICK 345 1			0.04179	655.7	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	
4184.8	74018 SUGARLF 115 74046 ROCK TV1 115 1			-0.02086	-229.6	218.0	OPEN 79304 [N.M.TAP 345] TO 79322 [SHOEMTAP 138] CKT 1	
4184.8	74018 SUGARLF 115 74046 ROCK TV1 115 1			-0.02086	-229.6	218.0	OPEN 79321 [SHOEM138 138] TO 79322 [SHOEMTAP 138] CKT 1	
4206.7	74018 SUGARLF 115 79359 SGRLF69 69.0 1			0.02086	229.2	218.0	OPEN 79304 [N.M.TAP 345] TO 79322 [SHOEMTAP 138] CKT 1	
4206.7	74018 SUGARLF 115 79359 SGRLF69 69.0 1			0.02086	229.2	218.0	OPEN 79321 [SHOEM138 138] TO 79322 [SHOEMTAP 138] CKT 1	
4633.6	74018 SUGARLF 115 74046 ROCK TV1 115 1			-0.02127	-220.3	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	
4654.9	74018 SUGARLF 115 79359 SGRLF69 69.0 1			0.02127	219.9	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	
5342.0	74344 PLTVLLEY 345 78701 LEEDS 3 345 2			-0.28845	-1551.0	1724.0	OPEN 74344 [PLTVLLEY 345] TO 78705 [ATHENS 345] CKT 1	
5485.7	74344 PLTVLLEY 345 78705 ATHENS 345 1			-0.28054	-1515.4	1724.0	OPEN 74344 [PLTVLLEY 345] TO 78701 [LEEDS 3 345] CKT 2	
5524.9	74316 DUNWODIE 345 75000 SHORE RD 345 1			0.17996	546.1	687.0	BASE CASE	
5529.1	74344 PLTVLLEY 345 78701 LEEDS 3 345 2			-0.27664	-1506.3	1724.0	OPEN 78705 [ATHENS 345] TO 74344 [PLTVLLEY 345] CKT 1	
							OPEN 74344 [PLTVLLEY 345] TO 74341 [MILLWOOD 345] CKT 1	
5535.5	74344 PLTVLLEY 345 78701 LEEDS 3 345 2			-0.27693	-1504.3	1724.0	OPEN 78705 [ATHENS 345] TO 74344 [PLTVLLEY 345] CKT 1	
							OPEN 74344 [PLTVLLEY 345] TO 74356 [WOOD B 345] CKT 1	
5665.9	74345 RAINEY 345 74691 S. BRONX 345 3			-0.41409	-698.5	1081.0	OPEN 74345 [RAINEY 345] TO 74691 [S. BRONX 345] CKT 4	
5665.9	74345 RAINEY 345 74691 S. BRONX 345 4			-0.41409	-698.5	1081.0	OPEN 74345 [RAINEY 345] TO 74691 [S. BRONX 345] CKT 3	
5684.0	74344 PLTVLLEY 345 78705 ATHENS 345 1			-0.26939	-1470.3	1724.0	OPEN 78701 [LEEDS 3 345] TO 74344 [PLTVLLEY 345] CKT 2	
							OPEN 74344 [PLTVLLEY 345] TO 74356 [WOOD B 345] CKT 1	
5686.6	79308 CHESTER 138 79321 SHOEM138 138 1			-0.05343	-253.9	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	
							OPEN 74046 [ROCK TV1 115] TO 74018 [SUGARLF 115] CKT 1	
5712.2	74018 SUGARLF 115 74046 ROCK TV1 115 1			-0.02549	-193.3	218.0	OPEN 74001 [ROCK TAV 345] TO 74347 [RAMAPO 345] CKT 1	
5730.1	74018 SUGARLF 115 79359 SGRLF69 69.0 1			0.02549	192.8	218.0	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	1575.3
74026 FISHKILL 115	75762 SYLVN115 115	1	0.00963	134.6
74022 E FISH I 115	74331 FISHKILL 345	1	0.01838	-114.3
74340 LADENTWN 345	74313 BUCH S 345	1	0.13592	507.7
74344 PLTVLLEY 345	74331 FISHKILL 345	1	0.07768	163.2
74344 PLTVLLEY 345	74331 FISHKILL 345	2	0.07768	163.2
74344 PLTVLLEY 345	74341 MILLWOOD 345	1	0.17355	675.3
74344 PLTVLLEY 345	74356 WOOD B 345	1	0.17125	709.6
74347 RAMAPO 345	74312 BUCH N 345	1	0.13558	195.8
TOTALS FOR INTERFACE UPNY-C OPEN			1.00000	4010.4

TRANS CAPAB	LIMITING ELEMENT	CKT	DISTR. FACTOR	PRE-RATING MW	BAS/CNT A/C	CONTINGENCY	DESCRIPTION
2413.6	79303 SMAHWAH2 345 5028 WALDWICK 345 1	0.04175	655.7	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		
3452.5	74018 SUGARLF 115 74046 ROCK TV1 115 1	-0.02084	-229.6	218.0	OPEN 79304 [N.M.TAP 345] TO 79322 [SHOEMTAP 138] CKT 1		
3452.5	74018 SUGARLF 115 74046 ROCK TV1 115 1	-0.02084	-229.6	218.0	OPEN 79321 [SHOEM138 138] TO 79322 [SHOEMTAP 138] CKT 1		
3474.4	74018 SUGARLF 115 79359 SGRLF69 69.0 1	0.02084	229.2	218.0	OPEN 79304 [N.M.TAP 345] TO 79322 [SHOEMTAP 138] CKT 1		
3474.4	74018 SUGARLF 115 79359 SGRLF69 69.0 1	0.02084	229.2	218.0	OPEN 79321 [SHOEM138 138] TO 79322 [SHOEMTAP 138] CKT 1		
3901.7	74018 SUGARLF 115 74046 ROCK TV1 115 1	-0.02125	-220.3	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		
3923.1	74018 SUGARLF 115 79359 SGRLF69 69.0 1	0.02125	219.9	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		
4610.8	74344 PLTVLLEY 345 78701 LEEDS 3 345 2	-0.28818	-1551.0	1724.0	OPEN 74344 [PLTVLLEY 345] TO 78705 [ATHENS 345] CKT 1		
4754.6	74344 PLTVLLEY 345 78705 ATHENS 345 1	-0.28027	-1515.4	1724.0	OPEN 74344 [PLTVLLEY 345] TO 78701 [LEEDS 3 345] CKT 2		
4793.9	74316 DUNWODIE 345 75000 SHORE RD 345 1	0.17979	546.1	687.0	BASE CASE		
4798.1	74344 PLTVLLEY 345 78701 LEEDS 3 345 2	-0.27638	-1506.3	1724.0	OPEN 78705 [ATHENS 345] TO 74344 [PLTVLLEY 345] CKT 1		
					OPEN 74344 [PLTVLLEY 345] TO 74341 [MILLWOOD 345] CKT 1		
4804.5	74344 PLTVLLEY 345 78701 LEEDS 3 345 2	-0.27666	-1504.3	1724.0	OPEN 78705 [ATHENS 345] TO 74344 [PLTVLLEY 345] CKT 1		
					OPEN 74344 [PLTVLLEY 345] TO 74356 [WOOD B 345] CKT 1		
4935.0	74345 RAINEY 345 74691 S. BRONX 345 3	-0.41369	-698.5	1081.0	OPEN 74345 [RAINEY 345] TO 74691 [S. BRONX 345] CKT 4		
4935.0	74345 RAINEY 345 74691 S. BRONX 345 4	-0.41369	-698.5	1081.0	OPEN 74345 [RAINEY 345] TO 74691 [S. BRONX 345] CKT 3		
4953.1	74344 PLTVLLEY 345 78705 ATHENS 345 1	-0.26913	-1470.3	1724.0	OPEN 78701 [LEEDS 3 345] TO 74344 [PLTVLLEY 345] CKT 2		
					OPEN 74344 [PLTVLLEY 345] TO 74356 [WOOD B 345] CKT 1		
4955.8	79308 CHESTER 138 79321 SHOEM138 138 1	-0.05338	-253.9	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		
					OPEN 74046 [ROCK TV1 115] TO 74018 [SUGARLF 115] CKT 1		
4981.4	74018 SUGARLF 115 74046 ROCK TV1 115 1	-0.02547	-193.3	218.0	OPEN 74001 [ROCK TAV 345] TO 74347 [RAMAPO 345] CKT 1		
4999.3	74018 SUGARLF 115 79359 SGRLF69 69.0 1	0.02547	192.8	218.0	OPEN 74001 [ROCK TAV 345] TO 74347 [RAMAPO 345] CKT 1		
5058.3	*74018 SUGARLF 115 74046 ROCK TV1 115 1	-0.02325	-193.6	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	LIMITING ELEMENT						DISTR.	PRE- RATING		CONTINGENCY DESCRIPTION				
TRANS	FROM	TO	CKT	FACTOR	MW	A/C	SHIFT	BAS	CONTINGENCY	DESCRIPTION				
5077.9	*74018	SUGARLF 115	79359	SGRLF69	69.0	1	0.02325	193.2	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
5096.4	74344	PLTVLLEY 345	78705	ATHENS	345	1	-0.26251	-1438.9	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
5180.1	74344	PLTVLLEY 345	78701	LEEDS 3	345	2	-0.27104	-1407.0	1724.0	OPEN 79583	[MARCY T1 345]	TO 75400	[COOPC345 345]	CKT 1
										OPEN 75403	[FRASR345 345]	TO 75400	[COOPC345 345]	CKT 1
5222.8	*74344	PLTVLLEY 345	78701	LEEDS 3	345	2	-0.20242	-1085.6	1331.0	BASE CASE				
5299.6	74651	REAC72 345	74691	S. BRONX	345	4	0.21060	443.5	715.0	BASE CASE				
5299.6	74650	REAC71 345	74691	S. BRONX	345	3	0.21060	443.5	715.0	BASE CASE				
5299.6	74316	DUNWODIE 345	74650	REAC71	345	SR	0.21060	443.5	715.0	BASE CASE				
5299.6	74316	DUNWODIE 345	74651	REAC72	345	SR	0.21060	443.5	715.0	BASE CASE				
5408.9	74403	ASTORIAW 138	74496	HG 5	138	1	0.15291	-36.8	177.0	BASE CASE				
5455.6	74344	PLTVLLEY 345	78705	ATHENS	345	1	-0.25793	-1351.2	1724.0	OPEN 79583	[MARCY T1 345]	TO 75400	[COOPC345 345]	CKT 1
										OPEN 75403	[FRASR345 345]	TO 75400	[COOPC345 345]	CKT 1
5461.7	79302	SMAHWAH1 345	5028	WALDWICK	345	1	0.04612	535.1	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
5463.3	74403	ASTORIAW 138	74497	HG 6	138	1	0.14494	-33.6	177.0	BASE CASE				
5493.1	*74344	PLTVLLEY 345	78705	ATHENS	345	1	-0.19263	-1045.4	1331.0	BASE CASE				
5538.7	74348	SPRBROOK 345	74567	REACM51	345	SR	0.19945	469.2	774.0	BASE CASE				
5538.7	74348	SPRBROOK 345	74568	REACM52	345	SR	0.19945	469.2	774.0	BASE CASE				
5547.0	74354	W 49 ST 345	74568	REACM52	345	2	-0.19945	-467.5	774.0	BASE CASE				
5547.0	74354	W 49 ST 345	74567	REACM51	345	1	-0.19945	-467.5	774.0	BASE CASE				
5557.6	79308	CHESTER 138	79323	SGRLF138	138	1	0.05337	221.8	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
										OPEN 74046	[ROCK TV1 115]	TO 74018	[SUGARLF 115]	CKT 1
5584.5	79308	CHESTER 138	79321	SHOEM138	138	1	-0.04943	-226.6	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
5591.3	74345	RAINEY 345	74612	8W DUM	138	8	0.30117	-163.1	313.0	OPEN 74530	[RAINEY8E 138]	TO 74611	[8E DUM 138]	CKT 1
5591.3	74345	RAINEY 345	74612	8W DUM	138	8	0.30117	-163.1	313.0	OPEN 74345	[RAINEY 345]	TO 74611	[8E DUM 138]	CKT 8
5591.6	74345	RAINEY 345	74612	8W DUM	138	8	0.30117	-163.2	313.0	OPEN 74530	[RAINEY8E 138]	TO 74556	[VERNON-E 138]	CKT 1
5596.5	74345	RAINEY 345	74612	8W DUM	138	8	0.22359	-114.6	240.0	BASE CASE				
5648.3	79303	SMAHWAH2 345	5028	WALDWICK	345	1	0.03556	530.7	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
5705.7	*74345	RAINEY 345	74612	8W DUM	138	8	0.22360	-66.1	313.0	OPEN 74327	[FARRAGUT 345]	TO 74337	[GOWANUSS 345]	CKT 1
										OPEN 74337	[GOWANUSS 345]	TO 74335	[GOTHLS S 345]	CKT 1
										OPEN 74315	[COGNTECH 345]	TO 74335	[GOTHLS S 345]	CKT 1
										OPEN 74315	[COGNTECH 345]	TO 74335	[GOTHLS S 345]	CKT 2
										OPEN 74337	[GOWANUSS 345]	TO 74479	[GOWNUS2T 138]	CKT 1
5716.6	74345	RAINEY 345	74691	S. BRONX	345	3	-0.21062	-355.6	715.0	BASE CASE				
5716.6	74345	RAINEY 345	74691	S. BRONX	345	4	-0.21062	-355.6	715.0	BASE CASE				
5750.9	79308	CHESTER 138	79321	SHOEM138	138	1	-0.04915	-218.9	304.4	OPEN 74001	[ROCK TAV 345]	TO 75400	[COOPC345 345]	CKT 2
										OPEN 74001	[ROCK TAV 345]	TO 74347	[RAMAPO 345]	CKT 1
5788.7	74345	RAINEY 345	74611	8E DUM	138	8	0.30376	-181.2	359.0	OPEN 74345	[RAINEY 345]	TO 74612	[8W DUM 138]	CKT 8
5788.7	74345	RAINEY 345	74611	8E DUM	138	8	0.30376	-181.2	359.0	OPEN 74531	[RAINEY8W 138]	TO 74612	[8W DUM 138]	CKT 1
5788.9	74345	RAINEY 345	74611	8E DUM	138	8	0.30376	-181.2	359.0	OPEN 74531	[RAINEY8W 138]	TO 74557	[VERNON-W 138]	CKT 1

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

TOTAL TRANS CAPAB	FROM	LIMITING ELEMENT	TO	CKT	DISTR. FACTOR	PRE- RATING SHIFT MW	BAS/CNT A/C	CONTINGENCY DESCRIPTION	
5805.9	74002	ROSETON	345	74331	FISHKILL 345 1	0.20033	1575.3	1935.0	BASE CASE
5810.8	79308	CHESTER	138	79321	SHOEM138 138 1	-0.04867	-216.8	304.4	OPEN 74001 [ROCK TAV 345] TO 74347 [RAMAPO 345] CKT 1
5826.3	*79308	CHESTER	138	79321	SHOEM138 138 1	-0.05205	-209.9	304.4	OPEN 74001 [ROCK TAV 345] TO 79304 [N.M.TAP 345] CKT 1
5831.8	74345	RAINEY	345	74611	8E DUM 138 8	0.22652	-141.6	271.0	BASE CASE
5854.7	74435	EL79 ST	138	74497	HG 6 138 1	-0.30014	331.6	222.0	BASE CASE
5881.4	74403	ASTORIAW	138	74496	HG 5 138 1	0.29366	-69.5	480.0	OPEN 74403 [ASTORIAW 138] TO 74497 [HG 6 138] CKT 1
5883.9	74403	ASTORIAW	138	74497	HG 6 138 1	0.29320	-69.3	480.0	OPEN 74403 [ASTORIAW 138] TO 74496 [HG 5 138] CKT 1
5948.4	79304	N.M.TAP	345	75400	COOPC345 345 1	-0.27949	-1251.3	1793.0	OPEN 74001 [ROCK TAV 345] TO 75400 [COOPC345 345] CKT 2
5959.0	79319	RAMP138	138	79361	TALLMAN 138 1	0.02382	258.0	304.4	OPEN 75400 [COOPC345 345] TO 75440 [COOPC115 115] CKT 1
									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 [BOWL 20.0] TO 74310 [BOWLINE1 345] CKT 1
									REDUCE BUS 79391 [BOWL 20.0] GENERATION BY 100 PERCENT DISPATCH
5959.9	79304	N.M.TAP	345	75400	COOPC345 345 1	-0.27928	-1248.6	1793.0	OPEN 74001 [ROCK TAV 345] TO 75400 [COOPC345 345] CKT 2
5990.2	*74345	RAINEY	345	74611	8E DUM 138 8	0.22652	-89.5	359.0	OPEN 74556 [VERNON-E 138] TO 74390 [KEYSPG-118.0] CKT 1
6072.7	74650	REAC71	345	74691	S. BRONX 345 3	0.25935	546.1	1081.0	OPEN 74651 [REAC72 345] TO 74691 [S. BRONX 345] CKT 4
6072.7	74651	REAC72	345	74691	S. BRONX 345 4	0.25935	546.1	1081.0	OPEN 74650 [REAC71 345] TO 74691 [S. BRONX 345] CKT 3
6072.7	74650	REAC71	345	74691	S. BRONX 345 3	0.25935	546.1	1081.0	OPEN 74316 [DUNWODIE 345] TO 74651 [REAC72 345] CKT SR
6072.7	74651	REAC72	345	74691	S. BRONX 345 4	0.25935	546.1	1081.0	OPEN 74316 [DUNWODIE 345] TO 74650 [REAC71 345] CKT SR
6072.7	74316	DUNWODIE	345	74651	REAC72 345 SR	0.25935	546.1	1081.0	OPEN 74650 [REAC71 345] TO 74691 [S. BRONX 345] CKT 3
6072.7	74316	DUNWODIE	345	74650	REAC71 345 SR	0.25935	546.1	1081.0	OPEN 74651 [REAC72 345] TO 74691 [S. BRONX 345] CKT 4
6072.7	74316	DUNWODIE	345	74651	REAC72 345 SR	0.25935	546.1	1081.0	OPEN 74316 [DUNWODIE 345] TO 74650 [REAC71 345] CKT SR
6072.7	74316	DUNWODIE	345	74650	REAC71 345 SR	0.25935	546.1	1081.0	OPEN 74316 [DUNWODIE 345] TO 74651 [REAC72 345] CKT SR
6087.7	74001	ROCK TAV	345	74347	RAMAPO 345 1	0.30899	1527.1	2169.0	OPEN 74331 [FISHKILL 345] TO 74022 [E FISH I 115] CKT 1
									OPEN 74331 [FISHKILL 345] TO 74002 [ROSETON 345] CKT 1
6113.0	74402	ASTE-WRG	138	74492	HG 1 138 1	-0.14987	154.1	161.0	BASE CASE
6117.9	74001	ROCK TAV	345	74347	RAMAPO 345 1	0.30369	1529.0	2169.0	OPEN 74002 [ROSETON 345] TO 74331 [FISHKILL 345] CKT 1
6121.7	74384	ASTE-ERG	138	74495	HG 4 138 1	-0.14999	155.7	161.0	BASE CASE
6162.8	74001	ROCK TAV	345	75400	COOPC345 345 2	-0.27309	-1205.2	1793.0	OPEN 79304 [N.M.TAP 345] TO 75400 [COOPC345 345] CKT 1
6189.2	74651	REAC72	345	74691	S. BRONX 345 4	0.24922	538.0	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
6189.2	*74651	REAC72	345	74691	S. BRONX 345 4	0.24922	538.0	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
6189.2	74650	REAC71	345	74691	S. BRONX 345 3	0.24922	538.0	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
6189.2	*74650	REAC71	345	74691	S. BRONX 345 3	0.24922	538.0	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
6189.2	74316	DUNWODIE	345	74650	REAC71 345 SR	0.24921	538.0	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 MILLSCLOSE ***

<- INTERFACE 'MILLSCLOSE' DEFINITION ->

FROM	TO	CKT	DISTR. FACTOR	PRE-SHIFT MW
74312 BUCH N 345	74317 E VIEW1 345	1	0.13287	938.6
74331 FISHKILL 345	74342 PL VILLE 345	1	0.18771	838.8
74341 MILLWOOD 345	74318 E VIEW2 345	1	0.16987	928.7
74341 MILLWOOD 345	74319 E VIEW3 345	1	0.16059	882.6
74341 MILLWOOD 345	74320 E VIEW4 345	1	0.16059	882.6
74355 WOOD A 345	74343 PL VILLW 345	1	0.18837	785.9
4989 HUDSON1 345	74328 FARRGUT1 345	1	0.00000	399.9
5039 HUDSON2 345	74329 FARRGUT2 345	1	0.00000	399.9
4996 LINDEN 230	74371 GOETHALS 230	1	0.00000	200.2
73166 NORHR138 138	75053 NRTHPT P 138	1	0.00000	99.8
75078 SHMHVDCL 192	75062 SHOREHAM 138	1	0.00000	329.5
TOTALS FOR INTERFACE MILLSCLOSE			1.00000	6686.5

TOTAL TRANS CAPAB	LIMITING ELEMENT	FROM	TO	CKT	DISTR. FACTOR	PRE-SHIFT MW	RATING BAS/CNT A/C	CONTINGENCY DESCRIPTION
5089.7	79303 SMAHWAH2 345	5028 WALDWICK 345	1	0.04175	655.7	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	
6128.6	74018 SUGARLF 115	74046 ROCK TV1 115	1	-0.02084	-229.6	218.0	OPEN 79304 [N.M.TAP 345] TO 79322 [SHOEMTAP 138] CKT 1	
6128.6	74018 SUGARLF 115	74046 ROCK TV1 115	1	-0.02084	-229.6	218.0	OPEN 79321 [SHOEM138 138] TO 79322 [SHOEMTAP 138] CKT 1	
6150.5	74018 SUGARLF 115	79359 SGRLF69 69.0	1	0.02084	229.2	218.0	OPEN 79304 [N.M.TAP 345] TO 79322 [SHOEMTAP 138] CKT 1	
6150.5	74018 SUGARLF 115	79359 SGRLF69 69.0	1	0.02084	229.2	218.0	OPEN 79321 [SHOEM138 138] TO 79322 [SHOEMTAP 138] CKT 1	
6577.8	74018 SUGARLF 115	74046 ROCK TV1 115	1	-0.02125	-220.3	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	
6599.2	74018 SUGARLF 115	79359 SGRLF69 69.0	1	0.02125	219.9	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	
7286.9	74344 PLTVLLEY 345	78701 LEEDS 3 345	2	-0.28819	-1551.0	1724.0	OPEN 74344 [PLTVLLEY 345] TO 78705 [ATHENS 345] CKT 1	
7430.7	74344 PLTVLLEY 345	78705 ATHENS 345	1	-0.28028	-1515.4	1724.0	OPEN 74344 [PLTVLLEY 345] TO 78701 [LEEDS 3 345] CKT 2	
7470.0	74316 DUNWODIE 345	75000 SHORE RD 345	1	0.17979	546.1	687.0	BASE CASE	
7474.2	74344 PLTVLLEY 345	78701 LEEDS 3 345	2	-0.27639	-1506.3	1724.0	OPEN 78705 [ATHENS 345] TO 74344 [PLTVLLEY 345] CKT 1	
							OPEN 74344 [PLTVLLEY 345] TO 74341 [MILLWOOD 345] CKT 1	
7480.6	74344 PLTVLLEY 345	78701 LEEDS 3 345	2	-0.27667	-1504.3	1724.0	OPEN 78705 [ATHENS 345] TO 74344 [PLTVLLEY 345] CKT 1	
							OPEN 74344 [PLTVLLEY 345] TO 74356 [WOOD B 345] CKT 1	
7611.1	74345 RAINEY 345	74691 S. BRONX 345	3	-0.41371	-698.5	1081.0	OPEN 74345 [RAINEY 345] TO 74691 [S. BRONX 345] CKT 4	
7611.1	74345 RAINEY 345	74691 S. BRONX 345	4	-0.41371	-698.5	1081.0	OPEN 74345 [RAINEY 345] TO 74691 [S. BRONX 345] CKT 3	
7629.2	74344 PLTVLLEY 345	78705 ATHENS 345	1	-0.26914	-1470.3	1724.0	OPEN 78701 [LEEDS 3 345] TO 74344 [PLTVLLEY 345] CKT 2	
							OPEN 74344 [PLTVLLEY 345] TO 74356 [WOOD B 345] CKT 1	
7631.8	79308 CHESTER 138	79321 SHOEM138 138	1	-0.05338	-253.9	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	
							OPEN 74046 [ROCK TV1 115] TO 74018 [SUGARLF 115] CKT 1	
7657.4	74018 SUGARLF 115	74046 ROCK TV1 115	1	-0.02547	-193.3	218.0	OPEN 74001 [ROCK TAV 345] TO 74347 [RAMAPO 345] CKT 1	
7675.3	74018 SUGARLF 115	79359 SGRLF69 69.0	1	0.02547	192.8	218.0	OPEN 74001 [ROCK TAV 345] TO 74347 [RAMAPO 345] CKT 1	
7734.4	*74018 SUGARLF 115	74046 ROCK TV1 115	1	-0.02325	-193.6	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	LIMITING ELEMENT							PRE- RATING		CONTINGENCY DESCRIPTION			
TRANS	FROM	TO	CTKT	DISTR.	SHIFT	BAS/CNT	MW	A/C	OPEN	TO	DESCRIPTION	CTKT	
CAPAB	FROM	TO	CTKT	FACTOR	MW	A/C	MW	A/C	OPEN	TO	DESCRIPTION	CTKT	
7753.9	*74018	SUGARLF 115	79359	SGRLF69	69.0	1	0.02325	193.2	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	
7772.5	74344	PLTVLLEY 345	78705	ATHENS	345	1	-0.26252	-1438.9	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	
7856.1	74344	PLTVLLEY 345	78701	LEEDS 3	345	2	-0.27105	-1407.0	1724.0	OPEN 79583 [MARCY T1 345]	TO 75400 [COOPC345 345]	CKT 1	
										OPEN 75403 [FRASR345 345]	TO 75400 [COOPC345 345]	CKT 1	
7898.9	*74344	PLTVLLEY 345	78701	LEEDS 3	345	2	-0.20243	-1085.6	1331.0	BASE CASE			
7975.7	74651	REAC72 345	74691	S. BRONX	345	4	0.21061	443.5	715.0	BASE CASE			
7975.7	74650	REAC71 345	74691	S. BRONX	345	3	0.21061	443.5	715.0	BASE CASE			
7975.7	74316	DUNWODIE 345	74650	REAC71	345	SR	0.21061	443.5	715.0	BASE CASE			
7975.7	74316	DUNWODIE 345	74651	REAC72	345	SR	0.21061	443.5	715.0	BASE CASE			
8084.9	74403	ASTORIAW 138	74496	HG 5	138	1	0.15291	-36.8	177.0	BASE CASE			
8131.7	74344	PLTVLLEY 345	78705	ATHENS	345	1	-0.25794	-1351.2	1724.0	OPEN 79583 [MARCY T1 345]	TO 75400 [COOPC345 345]	CKT 1	
										OPEN 75403 [FRASR345 345]	TO 75400 [COOPC345 345]	CKT 1	
8137.8	79302	SMAHWAH1 345	5028	WALDWICK	345	1	0.04612	535.1	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	
8139.3	74403	ASTORIAW 138	74497	HG 6	138	1	0.14495	-33.6	177.0	BASE CASE			
8169.2	*74344	PLTVLLEY 345	78705	ATHENS	345	1	-0.19264	-1045.4	1331.0	BASE CASE			
8214.8	74348	SPRBROOK 345	74567	REACM51	345	SR	0.19946	469.2	774.0	BASE CASE			
8214.8	74348	SPRBROOK 345	74568	REACM52	345	SR	0.19946	469.2	774.0	BASE CASE			
8223.0	74354	W 49 ST 345	74568	REACM52	345	2	-0.19946	-467.5	774.0	BASE CASE			
8223.0	74354	W 49 ST 345	74567	REACM51	345	1	-0.19946	-467.5	774.0	BASE CASE			
8233.6	79308	CHESTER 138	79323	SGRLF138	138	1	0.05338	221.8	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	
										OPEN 74046 [ROCK TV1 115]	TO 74018 [SUGARLF 115]	CKT 1	
8260.5	79308	CHESTER 138	79321	SHOEM138	138	1	-0.04943	-226.6	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	
8267.4	74345	RAINEY 345	74612	8W DUM	138	8	0.30118	-163.1	313.0	OPEN 74530 [RAINEY8E 138]	TO 74611 [8E DUM 138]	CKT 1	
8267.4	74345	RAINEY 345	74612	8W DUM	138	8	0.30118	-163.1	313.0	OPEN 74345 [RAINEY 345]	TO 74611 [8E DUM 138]	CKT 8	
8267.6	74345	RAINEY 345	74612	8W DUM	138	8	0.30118	-163.2	313.0	OPEN 74530 [RAINEY8E 138]	TO 74556 [VERNON-E 138]	CKT 1	
8272.5	74345	RAINEY 345	74612	8W DUM	138	8	0.22360	-114.6	240.0	BASE CASE			
8324.3	79303	SMAHWAH2 345	5028	WALDWICK	345	1	0.03557	530.7	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	
8381.8	*74345	RAINEY 345	74612	8W DUM	138	8	0.22361	-66.1	313.0	OPEN 74327 [FARRAGUT 345]	TO 74337 [GOWANUSS 345]	CKT 1	
										OPEN 74337 [GOWANUSS 345]	TO 74335 [GOTHLS S 345]	CKT 1	
										OPEN 74315 [COGNTECH 345]	TO 74335 [GOTHLS S 345]	CKT 1	
										OPEN 74315 [COGNTECH 345]	TO 74335 [GOTHLS S 345]	CKT 2	
										OPEN 74337 [GOWANUSS 345]	TO 74479 [GOWNUS2T 138]	CKT 1	
8392.6	74345	RAINEY 345	74691	S. BRONX	345	3	-0.21063	-355.6	715.0	BASE CASE			
8392.6	74345	RAINEY 345	74691	S. BRONX	345	4	-0.21063	-355.6	715.0	BASE CASE			
8427.0	79308	CHESTER 138	79321	SHOEM138	138	1	-0.04915	-218.9	304.4	OPEN 74001 [ROCK TAV 345]	TO 75400 [COOPC345 345]	CKT 2	
										OPEN 74001 [ROCK TAV 345]	TO 74347 [RAMAPO 345]	CKT 1	
8464.8	74345	RAINEY 345	74611	8E DUM	138	8	0.30377	-181.2	359.0	OPEN 74345 [RAINEY 345]	TO 74612 [8W DUM 138]	CKT 8	
8464.8	74345	RAINEY 345	74611	8E DUM	138	8	0.30377	-181.2	359.0	OPEN 74531 [RAINEY8W 138]	TO 74612 [8W DUM 138]	CKT 1	
8465.0	74345	RAINEY 345	74611	8E DUM	138	8	0.30377	-181.2	359.0	OPEN 74531 [RAINEY8W 138]	TO 74557 [VERNON-W 138]	CKT 1	

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

TOTAL TRANS CAPAB	FROM	LIMITING ELEMENT	TO	CKT	DISTR. FACTOR	PRE- RATING SHIFT MW	BAS/CNT A/C	CONTINGENCY DESCRIPTION
8482.0	74002	ROSETON	345	74331 FISHKILL	345 1	0.20034	1575.3 1935.0	BASE CASE
8486.8	79308	CHESTER	138	79321 SHOEM138	138 1	-0.04867	-216.8 304.4	OPEN 74001 [ROCK TAV 345] TO 74347 [RAMAPO 345] CKT 1
8502.3	*79308	CHESTER	138	79321 SHOEM138	138 1	-0.05205	-209.9 304.4	OPEN 74001 [ROCK TAV 345] TO 79304 [N.M.TAP 345] CKT 1
8507.9	74345	RAINEY	345	74611 8E DUM	138 8	0.22652	-141.6 271.0	BASE CASE
8530.8	74435	EL79 ST	138	74497 HG 6	138 1	-0.30015	331.6 222.0	BASE CASE
8557.5	74403	ASTORIAW	138	74496 HG 5	138 1	0.29367	-69.5 480.0	OPEN 74403 [ASTORIAW 138] TO 74497 [HG 6 138] CKT 1
8559.9	74403	ASTORIAW	138	74497 HG 6	138 1	0.29321	-69.3 480.0	OPEN 74403 [ASTORIAW 138] TO 74496 [HG 5 138] CKT 1
8624.4	79304	N.M.TAP	345	75400 COOPC345	345 1	-0.27950	-1251.3 1793.0	OPEN 74001 [ROCK TAV 345] TO 75400 [COOPC345 345] CKT 2
8635.1	79319	RAMP138	138	79361 TALLMAN	138 1	0.02382	258.0 304.4	OPEN 75400 [COOPC345 345] TO 75440 [COOPC115 115] CKT 1
								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 [BOWL 20.0] TO 74310 [BOWLINE1 345] CKT 1
								REDUCE BUS 79391 [BOWL 20.0] GENERATION BY 100 PERCENT DISPATCH
8635.9	79304	N.M.TAP	345	75400 COOPC345	345 1	-0.27929	-1248.6 1793.0	OPEN 74001 [ROCK TAV 345] TO 75400 [COOPC345 345] CKT 2
8666.3	*74345	RAINEY	345	74611 8E DUM	138 8	0.22652	-89.5 359.0	OPEN 74556 [VERNON-E 138] TO 74390 [KEYSPG-118.0] CKT 1
8748.7	74650	REAC71	345	74691 S. BRONX	345 3	0.25936	546.1 1081.0	OPEN 74651 [REAC72 345] TO 74691 [S. BRONX 345] CKT 4
8748.7	74651	REAC72	345	74691 S. BRONX	345 4	0.25936	546.1 1081.0	OPEN 74650 [REAC71 345] TO 74691 [S. BRONX 345] CKT 3
8748.7	74650	REAC71	345	74691 S. BRONX	345 3	0.25936	546.1 1081.0	OPEN 74316 [DUNWODIE 345] TO 74651 [REAC72 345] CKT SR
8748.7	74651	REAC72	345	74691 S. BRONX	345 4	0.25936	546.1 1081.0	OPEN 74316 [DUNWODIE 345] TO 74650 [REAC71 345] CKT SR
8748.7	74316	DUNWODIE	345	74651 REAC72	345 SR	0.25936	546.1 1081.0	OPEN 74650 [REAC71 345] TO 74691 [S. BRONX 345] CKT 3
8748.7	74316	DUNWODIE	345	74650 REAC71	345 SR	0.25936	546.1 1081.0	OPEN 74651 [REAC72 345] TO 74691 [S. BRONX 345] CKT 4
8748.8	74316	DUNWODIE	345	74651 REAC72	345 SR	0.25936	546.1 1081.0	OPEN 74316 [DUNWODIE 345] TO 74650 [REAC71 345] CKT SR
8748.8	74316	DUNWODIE	345	74650 REAC71	345 SR	0.25936	546.1 1081.0	OPEN 74316 [DUNWODIE 345] TO 74651 [REAC72 345] CKT SR
8763.7	74001	ROCK TAV	345	74347 RAMAPO	345 1	0.30900	1527.1 2169.0	OPEN 74331 [FISHKILL 345] TO 74022 [E FISH I 115] CKT 1
								OPEN 74331 [FISHKILL 345] TO 74002 [ROSETON 345] CKT 1
8789.0	74402	ASTE-WRG	138	74492 HG 1	138 1	-0.14988	154.1 161.0	BASE CASE
8793.9	74001	ROCK TAV	345	74347 RAMAPO	345 1	0.30370	1529.0 2169.0	OPEN 74002 [ROSETON 345] TO 74331 [FISHKILL 345] CKT 1
8797.7	74384	ASTE-ERG	138	74495 HG 4	138 1	-0.15000	155.7 161.0	BASE CASE
8838.8	74001	ROCK TAV	345	75400 COOPC345	345 2	-0.27310	-1205.2 1793.0	OPEN 79304 [N.M.TAP 345] TO 75400 [COOPC345 345] CKT 1
8865.2	74651	REAC72	345	74691 S. BRONX	345 4	0.24922	538.0 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
8865.2	*74651	REAC72	345	74691 S. BRONX	345 4	0.24922	538.0 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
8865.2	74650	REAC71	345	74691 S. BRONX	345 3	0.24922	538.0 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
8865.2	*74650	REAC71	345	74691 S. BRONX	345 3	0.24922	538.0 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
8865.2	74316	DUNWODIE	345	74650 REAC71	345 SR	0.24922	538.0 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\ds.dfx
 SUBSYSTEM DESCRIPTION FILE: C:\NYISO\CRPP\sysds.sub
 MONITORED ELEMENT FILE: C:\NYISO\CRPP\mondsM29.mon
 CONTINGENCY DESCRIPTION FILE: C:\NYISO\CRPP\contdsl.con

	PRE-SHIFT	DELTA	POST-SHIFT
STUDY SYSTEM MW GENERATION:	717.4	1000.0	1717.4
OPPOSING SYSTEM MW GENERATION:	2849.9	-1000.0	1849.9
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	661.9	450.0	74700	AK 3	22.0	320.3	180.3 -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	196.5	136.5 -60.0
					74708	RAV 2	20.0	326.8	226.8 -100.0
					74709	COGENGT113.8		65.9	25.9 -40.0
					74710	COGENGT213.8		65.9	25.9 -40.0
					74711	COGENGT313.8		65.9	25.9 -40.0
					74712	COGENGT413.8		65.9	25.9 -40.0
					74713	COGENGT513.8		65.9	25.9 -40.0
					74714	COGENST113.8		71.8	51.8 -20.0
					74907	NRTPTG2	22.0	275.0	235.0 -40.0
					74908	NRTPTG3	22.0	358.0	318.0 -40.0

LOADINGS AT OR ABOVE 100.0 %													
OF RATING ARE MARKED WITH '*'													
<----- FROM ----->					<----- TO ----->					CKT			
					TOTAL	PRE-	POST-	LIMIT					
					TRANS	RATING	SHIFT	SHIFT	CASE	DISTR.			
					CAPAB	A	MW	MW	MW	FACTOR			
74316	DUNWODIE	345	74651	REAC72	345	SR	1858.2	715	443.5	677.9	715.0*	0.23444	
74316	DUNWODIE	345	74650	REAC71	345	SR	1858.2	715	443.5	677.9	715.0*	0.23444	
74651	REAC72	345	74691	S. BRONX	345	4	1858.2	715	443.5	677.9	715.0	0.23444	
74650	REAC71	345	74691	S. BRONX	345	3	1858.2	715	443.5	677.9	715.0	0.23444	
74348	SPRBROOK	345	74568	REACM52	345	SR	2050.6	774	469.2	694.9	730.6	0.22573	
74348	SPRBROOK	345	74567	REACM51	345	SR	2050.6	774	469.2	694.9	730.6	0.22573	
74354	W 49 ST	345	74568	REACM52	345	2	2057.8	774	-467.5	-693.3	-728.9	-0.22573	
74354	W 49 ST	345	74567	REACM51	345	1	2057.8	774	-467.5	-693.3	-728.9	-0.22573	
74345	RAINEY	345	74691	S. BRONX	345	4	2232.8	715	-355.6	-590.1	-627.2	-0.23447	
74345	RAINEY	345	74691	S. BRONX	345	3	2232.8	715	-355.6	-590.1	-627.2	-0.23447	
	INTERFACE I TO J						2248.9	4026	2600.6	3521.0	3666.5	0.92034	
	INTERFACE DUNW-SOUTH P						2336.7	5421	3784.0	4784.2	4942.4	1.00021	
74316	DUNWODIE	345	75000	SHORE RD	345	1	2463.7	687	546.1	626.0	638.6	0.07988	
	INTERFACE DUNW-SOUTH O						2509.0	4554	2889.2	3809.6	3955.1	0.92034	
74327	FARRAGUT	345	74337	GOWANUSS	345	1	4643.0	618	-103.7	79.3	108.2	0.18305	
74322	E15ST	45	345	74354	W 49 ST	345	1	4699.6	774	131.8	-94.7	-130.5	-0.22648
74323	E15ST	46	345	74354	W 49 ST	345	1	4714.5	774	128.4	-96.4	-131.9	-0.22479
74327	FARRAGUT	345	74336	GOWANUSN	345	1	4735.0	618	-96.0	80.9	108.9	0.17697	

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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	0.07986	546.1	
74348 SPRBROOK 345 74351 TREMONT	345 1	0.00000	400.0	
74349 REACBUS 345 79607 DVNPT NK	345 1	0.00000	637.3	
74420 DUN NO1R 138 74533 S CREEK	138 1	0.00000	94.5	
74421 DUN NO2R 138 74533 S CREEK	138 1	0.00000	94.5	
74424 DUN SO1R 138 74435 E179 ST	138 1	0.00000	189.7	
74650 REAC71 345 74691 S. BRONX	345 3	0.23439	443.5	
74651 REAC72 345 74691 S. BRONX	345 4	0.23439	443.5	
74567 REACM51 345 74354 W 49 ST	345 1	0.22568	467.5	
74568 REACM52 345 74354 W 49 ST	345 2	0.22568	467.5	
TOTALS FOR INTERFACE DUNW-SOUTH P			1.00000	3784.0

TOTAL TRANS CAPAB	LIMITING ELEMENT	FROM	TO	CKT	DISTR. FACTOR	PRE-SHIFT MW	RATING BAS/CNT	CONTINGENCY DESCRIPTION
4942.4	74316 DUNWODIE 345 74651 REAC72	345 SR	0.23439	443.5	715.0	BASE CASE		
4942.4	74316 DUNWODIE 345 74650 REAC71	345 SR	0.23439	443.5	715.0	BASE CASE		
4942.4	74650 REAC71 345 74691 S. BRONX	345 3	0.23439	443.5	715.0	BASE CASE		
4942.4	74651 REAC72 345 74691 S. BRONX	345 4	0.23439	443.5	715.0	BASE CASE		
5134.8	74348 SPRBROOK 345 74568 REACM52	345 SR	0.22568	469.2	774.0	BASE CASE		
5134.8	74348 SPRBROOK 345 74567 REACM51	345 SR	0.22568	469.2	774.0	BASE CASE		
5142.0	74354 W 49 ST 345 74567 REACM51	345 1	-0.22568	-467.5	774.0	BASE CASE		
5142.0	74354 W 49 ST 345 74568 REACM52	345 2	-0.22568	-467.5	774.0	BASE CASE		
5317.1	74345 RAINEY 345 74691 S. BRONX	345 3	-0.23442	-355.6	715.0	BASE CASE		
5317.1	74345 RAINEY 345 74691 S. BRONX	345 4	-0.23442	-355.6	715.0	BASE CASE		
5333.1	INTERFACE I TO J		0.92014	2600.6	4026.0	BASE CASE		
5421.0	INTERFACE DUNW-SOUTH P		1.00000	3784.0	5421.0	BASE CASE		
5548.0	74316 DUNWODIE 345 75000 SHORE RD	345 1	0.07986	546.1	687.0	BASE CASE		
5593.3	INTERFACE DUNW-SOUTH O		0.92014	2889.2	4554.0	BASE CASE		
5736.6	74650 REAC71 345 74691 S. BRONX	345 3	0.27808	538.0	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	
5736.6	74651 REAC72 345 74691 S. BRONX	345 4	0.27808	538.0	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	
5736.6	74651 REAC72 345 74691 S. BRONX	345 4	0.27808	538.0	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	
5736.6	74650 REAC71 345 74691 S. BRONX	345 3	0.27808	538.0	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	
5736.6	74316 DUNWODIE 345 74650 REAC71	345 SR	0.27808	538.0	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	
5736.6	74316 DUNWODIE 345 74650 REAC71	345 SR	0.27808	538.0	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	400.0
74420 DUN NO1R 138	74533 S CREEK 138	1	0.00000	94.5
74421 DUN NO2R 138	74533 S CREEK 138	1	0.00000	94.5
74424 DUN SO1R 138	74435 E179 ST 138	1	0.00000	189.7
74650 REAC71 345	74691 S. BRONX 345	3	0.25474	443.5
74651 REAC72 345	74691 S. BRONX 345	4	0.25474	443.5
74567 REACM51 345	74354 W 49 ST 345	1	0.24526	467.5
74568 REACM52 345	74354 W 49 ST 345	2	0.24526	467.5
75047 L SUCSPH 138	74505 JAMAICA 138	1	0.00000	147.6
75067 V STRM P 138	74505 JAMAICA 138	1	0.00000	141.0
TOTALS FOR INTERFACE DUNW-SOUTH O			1.00000	2889.2

TOTAL TRANS CAPAB	LIMITING ELEMENT	FROM	TO	CKT	DISTR. FACTOR	PRE-SHIFT MW	RATING BAS/CNT	A/C	CONTINGENCY DESCRIPTION
3955.1	74316 DUNWODIE 345	74651 REAC72 345	SR	0.25474	443.5	715.0	BASE CASE		
3955.1	74316 DUNWODIE 345	74650 REAC71 345	SR	0.25474	443.5	715.0	BASE CASE		
3955.1	74650 REAC71 345	74691 S. BRONX 345	3	0.25474	443.5	715.0	BASE CASE		
3955.1	74651 REAC72 345	74691 S. BRONX 345	4	0.25474	443.5	715.0	BASE CASE		
4132.1	74348 SPRBROOK 345	74568 REACM52 345	SR	0.24527	469.2	774.0	BASE CASE		
4132.1	74348 SPRBROOK 345	74567 REACM51 345	SR	0.24527	469.2	774.0	BASE CASE		
4138.8	74354 W 49 ST 345	74567 REACM51 345	1	-0.24526	-467.5	774.0	BASE CASE		
4138.8	74354 W 49 ST 345	74568 REACM52 345	2	-0.24526	-467.5	774.0	BASE CASE		
4299.9	74345 RAINEY 345	74691 S. BRONX 345	3	-0.25476	-355.6	715.0	BASE CASE		
4299.9	74345 RAINEY 345	74691 S. BRONX 345	4	-0.25476	-355.6	715.0	BASE CASE		
4314.6	INTERFACE I TO J			1.00000	2600.6	4026.0	BASE CASE		
4395.5	INTERFACE DUNW-SOUTH P			1.08679	3784.0	5421.0	BASE CASE		
4512.3	74316 DUNWODIE 345	75000 SHORE RD 345	1	0.08679	546.1	687.0	BASE CASE		
4554.0	INTERFACE DUNW-SOUTH O			1.00000	2889.2	4554.0	BASE CASE		
4685.9	74650 REAC71 345	74691 S. BRONX 345	3	0.30221	538.0	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	
4685.9	74651 REAC72 345	74691 S. BRONX 345	4	0.30221	538.0	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	
4685.9	74651 REAC72 345	74691 S. BRONX 345	4	0.30221	538.0	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	
4685.9	74650 REAC71 345	74691 S. BRONX 345	3	0.30221	538.0	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	
4685.9	74316 DUNWODIE 345	74650 REAC71 345	SR	0.30221	538.0	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	
4685.9	74316 DUNWODIE 345	74650 REAC71 345	SR	0.30221	538.0	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	

CRPP SUM 2007 BASE CASE V6B
20511002 ER PEAK, LEVEL 5 (04/01/05)

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

-<- INTERFACE 'I TO J		' DEFINITION ->		PRE-	
FROM	TO	CKT	DISTR.	SHIFT	MW
74348 SPRBROOK 345	74351 TREMONT 345	1	0.00000	400.0	
74420 DUN NO1R 138	74533 S CREEK 138	1	0.00000	94.5	
74421 DUN NO2R 138	74533 S CREEK 138	1	0.00000	94.5	
74424 DUN SO1R 138	74435 E179 ST 138	1	0.00000	189.7	
74650 REAC71 345	74691 S. BRONX 345	3	0.25474	443.5	
74651 REAC72 345	74691 S. BRONX 345	4	0.25474	443.5	
74567 REACM51 345	74354 W 49 ST 345	1	0.24526	467.5	
74568 REACM52 345	74354 W 49 ST 345	2	0.24526	467.5	
TOTALS FOR INTERFACE I TO J			1.00000	2600.6	

TOTAL TRANS	LIMITING ELEMENT		DISTR.	PRE- RATING	CONTINGENCY DESCRIPTION	
FROM	TO	CKT	FACTOR	MW	A/C	
3666.5	74316 DUNWODIE 345	74651 REAC72 345	SR	0.25474	443.5	715.0 BASE CASE
3666.5	74316 DUNWODIE 345	74650 REAC71 345	SR	0.25474	443.5	715.0 BASE CASE
3666.5	74650 REAC71 345	74691 S. BRONX 345	3	0.25474	443.5	715.0 BASE CASE
3666.5	74651 REAC72 345	74691 S. BRONX 345	4	0.25474	443.5	715.0 BASE CASE
3843.5	74348 SPRBROOK 345	74568 REACM52 345	SR	0.24527	469.2	774.0 BASE CASE
3843.5	74348 SPRBROOK 345	74567 REACM51 345	SR	0.24527	469.2	774.0 BASE CASE
3850.2	74354 W 49 ST 345	74567 REACM51 345	1	-0.24526	-467.5	774.0 BASE CASE
3850.2	74354 W 49 ST 345	74568 REACM52 345	2	-0.24526	-467.5	774.0 BASE CASE
4011.3	74345 RAINY 345	74691 S. BRONX 345	3	-0.25476	-355.6	715.0 BASE CASE
4011.3	74345 RAINY 345	74691 S. BRONX 345	4	-0.25476	-355.6	715.0 BASE CASE
4026.0	INTERFACE I TO J			1.00000	2600.6	4026.0 BASE CASE
4106.9	INTERFACE DUNW-SOUTH P			1.08679	3784.0	5421.0 BASE CASE
4223.7	74316 DUNWODIE 345	75000 SHORE RD 345	1	0.08679	546.1	687.0 BASE CASE
4265.4	INTERFACE DUNW-SOUTH O			1.00000	2889.2	4554.0 BASE CASE
4397.3	74650 REAC71 345	74691 S. BRONX 345	3	0.30221	538.0	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
4397.3	74651 REAC72 345	74691 S. BRONX 345	4	0.30221	538.0	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
4397.3	74651 REAC72 345	74691 S. BRONX 345	4	0.30221	538.0	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
4397.3	74650 REAC71 345	74691 S. BRONX 345	3	0.30221	538.0	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
4397.3	74316 DUNWODIE 345	74650 REAC71 345	SR	0.30221	538.0	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
4397.3	74316 DUNWODIE 345	74650 REAC71 345	SR	0.30221	538.0	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
4397.3	74316 DUNWODIE 345	74651 REAC72 345	SR	0.30221	538.0	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

CRPP SUM 2007 BASE CASE V6B
 20511002 ER 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:	4520.4	1000.0	5520.4
OPPOSING SYSTEM MW GENERATION:	1257.0	-1000.0	257.0
STUDY SYSTEM NET INTERCHANGE:	4443.8	1000.0	5443.8

<----- STUDY SYSTEM ----->					<----- OPPOSING SYSTEM ----->				
<---- GENERATOR MW ---->					<---- GENERATOR MW ---->				
BUS	BUS NAME	BASE	SHIFT	CHANGE	BUS	BUS NAME	BASE	SHIFT	CHANGE
74190	ROSE GN124.0	622.7	772.7	150.0	74900	BARETG1 20.0	176.0	-4.0	-180.0
74302	ER G7 13.2	141.5	191.5	50.0	74907	NRTPTG2 22.0	275.0	35.0	-240.0
74700	AK 3 22.0	320.3	420.3	100.0	74908	NRTPTG3 22.0	358.0	118.0	-240.0
74705	AST 4 20.0	310.8	360.8	50.0	74909	NRTPTG4 22.0	358.0	118.0	-240.0
74706	AST 5 20.0	178.8	278.8	100.0	79571	NYP108 13.8	90.0	-10.0	-100.0
74707	RAV 1 20.0	330.1	480.1	150.0					
79390	BOW2 20.0	592.0	842.0	250.0					
79546	POLETTI 26.0	725.4	875.4	150.0					

LOADINGS AT OR ABOVE 100.0 %									
OF RATING ARE MARKED WITH '*'									
<----- FROM ----->					<----- TO ----->				
FROM	TO	CKT	TOTAL TRANS CAPAB	PRE-SHIFT RATING A	PRE-SHIFT MW	POST-SHIFT RATING A	POST-SHIFT MW	LIMIT CASE MW	DISTR. FACTOR
75000	SHORE RD 345	74316 DUNWODIE 345	1	4584.6	687	-546.1	-1546.*	-687.0	-0.99987
75030	GLNWD NO 138	75163 GLNWD NO69.0	1	5165.6	118	75.3	134.5*	83.6	0.05917
		INTERFACE LI IMPORT		5270.0	2746	1919.9	2919.8*	2060.8	0.99987
75031	GLNWD SO 138	75164 GLNWD SO69.0	1	5345.2	118	73.4	122.9*	80.3	0.04952
		INTERFACE CE/LI TIES		5450.2	1900	893.6	1893.5	1034.5	0.99987
74557	VERNON-W 138	74707 RAV 1 20.0	1	5557.4	259	-175.1	-250.4	-185.7	-0.07533
		INTERFACE LI EXPORT		5816.5	2366	-993.5	-1993.	-1134.	-0.99987
74556	VERNON-E 138	74707 RAV 1 20.0	2	5837.0	259	-155.0	-229.6	-165.5	-0.07467
75046	L SUCS 138	75180 LKE SCSS69.0	1	6030.7	239	116.4	193.6	127.3	0.07728
75046	L SUCS 138	75180 LKE SCSS69.0	2	6321.4	239	106.3	177.0	116.3	0.07066
79579	ASTOR345 345	79546 POLETTI 26.0	1	6348.5	981	-695.3	-845.3	-716.4	-0.15000
74332	FR KILLS 345	74700 AK 3 22.0	1	7161.2	592	-320.3	-420.3	-334.3	-0.10000
74324	E15ST 47 345	74632 E RIVER 69.0	17	7388.7	240	-92.8	-142.8	-99.8	-0.05000
74402	ASTE-WRG 138	74706 AST 5 20.0	1	7792.4	259	-91.6	-141.6	-98.6	-0.05000
74384	ASTE-ERG 138	74706 AST 5 20.0	2	7878.5	259	-87.3	-137.3	-94.3	-0.05000
74402	ASTE-WRG 138	74705 AST 4 20.0	1	8466.3	259	-158.5	-183.4	-162.0	-0.02500
74384	ASTE-ERG 138	74705 AST 4 20.0	2	8744.9	259	-151.5	-176.5	-155.0	-0.02500
75039	ELWOOD 1 138	75156 ELWOOD 69.0	1	10083.5	114	80.0	45.6	75.2	-0.03440
75063	SYOSSET 138	75224 SYOSSET 69.0	1	10255.5	239	124.0	61.5	115.2	-0.06245
75073	NEWBRG-2 138	75192 NEWBRGE269.0	1	10912.5	120	69.8	40.5	65.7	-0.02934
74691	S. BRONX 345	74651 REAC72 345	4	11904.7	715	-443.5	-288.2	-421.6	0.15527

CRPP SUM 2007 BASE CASE V6B
20511002 ER PEAK, LEVEL 5 (04/01/05)

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

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<- INTERFACE 'LI IMPORT' DEFINITION ->
          PRE-
          DISTR.  SHIFT
<----- FROM -----> <----- TO -----> CKT  FACTOR  MW
74316 DUNWODIE 345 75000 SHORE RD 345 1 1.00000 546.1
79607 DVNPT NK 345 75004 HMP HRBR 345 1 0.00000 636.1
74505 JAMAICA 138 75047 L SUCSPH 138 1 0.00000 -147.6
74505 JAMAICA 138 75067 V STRM P 138 1 0.00000 -141.0
73166 NORHR138 138 75053 NRTHPT P 138 1 0.00000 99.8
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 1919.9
    
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TOTAL
TRANS <----- LIMITING ELEMENT -----> DISTR.  PRE- RATING
CAPAB <----- FROM -----> <----- TO ----->CKT  FACTOR  SHIFT BAS/CNT
                <----->                <----->                <----->
2060.8 75000 SHORE RD 345 74316 DUNWODIE 345 1 -1.00000 -546.1 687.0 BASE CASE
2292.7 74557 VERNON-W 138 74707 RAV 1 20.0 1 -0.15002 -330.1 386.0 OPEN 74556 [VERNON-E 138] TO 74707 [RAV 1 20.0] CKT 2
2292.7 74556 VERNON-E 138 74707 RAV 1 20.0 2 -0.15002 -330.1 386.0 OPEN 74557 [VERNON-W 138] TO 74707 [RAV 1 20.0] CKT 1
2556.7 75000 SHORE RD 345 74316 DUNWODIE 345 1 -1.00000 -875.2 1512.0 OPEN 79607 [DVNPT NK 345] TO 75004 [HMP HRBR 345] CKT 1
2601.7 74384 ASTE-ERG 138 74705 AST 4 20.0 2 -0.05001 -309.9 344.0 OPEN 74402 [ASTE-WRG 138] TO 74705 [AST 4 20.0] CKT 1
2601.7 74402 ASTE-WRG 138 74705 AST 4 20.0 1 -0.05001 -309.9 344.0 OPEN 74384 [ASTE-ERG 138] TO 74705 [AST 4 20.0] CKT 2
2641.6 75030 GLNWD NO 138 75163 GLNWD NO69.0 1 0.05917 75.3 118.0 BASE CASE
2746.0 INTERFACE LI IMPORT 1.00000 1919.9 2746.0 BASE CASE
2770.7 75000 SHORE RD 345 74316 DUNWODIE 345 1 -1.00000 -661.2 1512.0 OPEN 75038 [E.G.C. 138] TO 75002 [E.G.C.-1 345] CKT 1
2770.9 75000 SHORE RD 345 74316 DUNWODIE 345 1 -1.00000 -661.0 1512.0 OPEN 75074 [E.G.C.-2 138] TO 75003 [E.G.C.-2 345] CKT 1
2771.7 *75000 SHORE RD 345 74316 DUNWODIE 345 1 -0.99905 -661.1 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
2821.3 75031 GLNWD SO 138 75164 GLNWD SO69.0 1 0.04953 73.4 118.0 BASE CASE
2823.4 75030 GLNWD NO 138 75163 GLNWD NO69.0 1 0.09244 81.5 165.0 OPEN 75031 [GLNWD SO 138] TO 75041 [SHORE RD 138] CKT 1
2926.3 INTERFACE CE/LI TIES 1.00000 893.6 1900.0 BASE CASE
2927.9 75030 GLNWD NO 138 75163 GLNWD NO69.0 1 0.08197 82.4 165.0 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
2983.2 75031 GLNWD SO 138 75164 GLNWD SO69.0 1 0.08001 79.9 165.0 OPEN 75030 [GLNWD NO 138] TO 75041 [SHORE RD 138] CKT 1
3017.3 75030 GLNWD NO 138 75163 GLNWD NO69.0 1 0.08083 76.3 165.0 OPEN 75029 [GLNWD GT 138] TO 75030 [GLNWD NO 138] CKT 1
3017.3 *75030 GLNWD NO 138 75163 GLNWD NO69.0 1 0.08083 76.3 165.0 OPEN 75029 [GLNWD GT 138] TO 75060 [ROSLYN 138] CKT 1
3033.4 74557 VERNON-W 138 74707 RAV 1 20.0 1 -0.07534 -175.1 259.0 BASE CASE
3077.2 75004 HMP HRBR 345 75005 EGC DUM 345 1 0.44745 881.2 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
3080.6 75001 EGC PAR 345 75005 EGC DUM 345 1 -0.44745 -879.6 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
3112.2 75004 HMP HRBR 345 75005 EGC DUM 345 1 0.44752 865.4 1399.0 OPEN 74316 [DUNWODIE 345] TO 75000 [SHORE RD 345] CKT 1
                OPEN 74316 [DUNWODIE 345] TO 74422 [DUN SO 138] CKT 1
                OPEN 74316 [DUNWODIE 345] TO 74343 [PL VILLW 345] CKT 1
3113.6 75004 HMP HRBR 345 75005 EGC DUM 345 1 0.44774 864.5 1399.0 OPEN 74316 [DUNWODIE 345] TO 75000 [SHORE RD 345] CKT 1
                OPEN 74316 [DUNWODIE 345] TO 74418 [DUN NO 138] CKT 1
                OPEN 74316 [DUNWODIE 345] TO 74342 [PL VILLE 345] CKT 1
3115.7 75001 EGC PAR 345 75005 EGC DUM 345 1 -0.44752 -863.9 1399.0 OPEN 74316 [DUNWODIE 345] TO 75000 [SHORE RD 345] CKT 1
                OPEN 74316 [DUNWODIE 345] TO 74422 [DUN SO 138] CKT 1
                OPEN 74316 [DUNWODIE 345] TO 74343 [PL VILLW 345] CKT 1
    
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CRPP SUM 2008 V6B
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:	4068.1	-1000.0	3068.1
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	694.2	614.2	-80.0
81422	LENNOXG220.0	505.5	838.8	333.3	74702	RAV 3	22.0	972.0	712.0
81425	LENNOXG420.0	505.5	838.8	333.3	74703	AK 2	20.0	214.0	134.0
					74705	AST 4	20.0	217.9	137.9
					74907	NRTPTG2	22.0	380.0	280.0
					74908	NRTPTG3	22.0	360.0	260.0
					79390	BOW2	20.0	592.0	472.0
					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 ----->							<----- BASE CASE ----->											
FROM	TO	CKT	TOTAL TRANS CAPAB	RATING A	PRE-SHIFT MW	POST-SHIFT MW	LIMIT CASE MW	DISTR. FACTOR	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	2300.9	238	-200.6	-234.7	-238.0*	-0.03413	75414	MEYER230	230	75417	STOLE230	230	1	2867.5	430	-246.3	-356.8	-367.4	-0.11045
76702	LOCKPORT	115	77126	TELRDTP1	115	1	3036.2	144	93.3	121.0	123.6	0.02770	75465	HINMN115	115	76702	LOCKPORT	115	1	3094.3	238	171.6	206.7	210.1	0.03513
76702	LOCKPORT	115	77101	SHEL-113	115	1	3180.5	144	87.4	116.0	118.8	0.02866	76702	LOCKPORT	115	77122	SOUR-111	115	1	3198.8	131	77.1	104.1	106.7	0.02705
79584	NIAG 345	345	79800	ROCH 345	345	1	3250.9	1301	563.4	923.8	958.6	0.36041	77122	SOUR-111	115	77123	SWDN-111	115	1	3343.0	131	73.2	100.2	102.8	0.02705
77101	SHEL-113	115	77124	SWDN-113	115	1	3526.2	144	77.4	106.1	108.9	0.02868	77109	LAPPINS1	115	77116	NLEROYTA	115	1	3539.2	139	72.1	100.8	103.5	0.02864
75426	BORDR115	115	77447	FRMGTN-4	115	1	3568.1	150	-72.2	-105.1	-108.3	-0.03292	77100	SOUR-114	115	77111	MORTIMER	115	1	3597.7	129	59.0	88.2	91.0	0.02927
77400	CLAY	345	78450	EDIC	345	2	3605.5	1033	575.4	766.0	784.4	0.19056	75405	OAKDL345	345	75403	FRASR345	345	1	3603.4	1255	622.7	886.3	911.7	0.26357
77400	CLAY	345	78450	EDIC	345	1	3623.2	1033	573.6	763.5	781.9	0.18992	77112	MUMFORD1	115	77116	NLEROYTA	115	1	3649.7	129	-57.8	-86.9	-89.7	-0.02911
77110	LAWLER-1	115	77111	MORTIMER	115	1	3656.6	129	-66.9	-92.2	-94.7	-0.02532	77447	FRMGTN-4	115	79825	PANNELLI	115	1	3657.0	206	-121.2	-155.8	-159.1	-0.03457
77100	SOUR-114	115	77126	TELRDTP1	115	1	3684.9	143	-70.3	-99.6	-102.5	-0.02929													

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

-> INTERFACE 'DYSE OPEN' DEFINITION ->		DISTR.	PRE-SHIFT
<----- FROM ----->	<----- TO ----->	FACTOR	MW
75404 KINTI345 345 79800 ROCH 345 345	1	0.29379	544.1
79584 NIAG 345 345 79800 ROCH 345 345	1	0.43076	563.4
75417 STOLE230 230 75414 MEYER230 230	1	0.13201	246.3
75994 PALMT115 115 75992 BENET115 115	1	0.00000	-6.6
76702 LOCKPORT 115 77125 TELRDTP1 115	1	0.01542	77.1
76702 LOCKPORT 115 77115 NAKR-108 115	1	0.01299	54.9
76702 LOCKPORT 115 77117 OAKFLDTP 115	1	0.01534	64.7
76702 LOCKPORT 115 77122 SOUR-111 115	1	0.03232	77.1
76702 LOCKPORT 115 77101 SHEL-113 115	1	0.03425	87.4
76702 LOCKPORT 115 77126 TELRDTP1 115	1	0.03310	93.3
TOTALS FOR INTERFACE DYSE OPEN		1.00000	1801.6

TOTAL TRANS CAPAB	LIMITING ELEMENT		DISTR. FACTOR	PRE-SHIFT MW	RATING BAS/CNT A/C	CONTINGENCY DESCRIPTION
<----- FROM ----->	<----- TO ----->	CKT				
1719.4	76660 ELM-70	230 76837 ELMST23.23.0	1	0.02625	98.2 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
2385.8	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
2401.1	75476 MEYER115 115	75995 S.PER115 115	1	-0.02792	-87.3 104.0	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
2447.2	75476 MEYER115 115	75995 S.PER115 115	1	-0.02778	-86.1 104.0	OPEN 75417 [STOLE230 230] TO 75414 [MEYER230 230] CKT 1
2467.5	75476 MEYER115 115	75995 S.PER115 115	1	-0.02997	-84.0 104.0	OPEN 75417 [STOLE230 230] TO 75414 [MEYER230 230] CKT 1 OPEN 75406 [STOLE345 345] TO 479 [HOMER CY 345] CKT 1
2687.3	76527 FALCONER 115	281 WARREN 115	1	0.05176	36.2 82.0	OPEN 76500 [DUNKIRK 230] TO 76501 [S RIPLEY 230] CKT 1
2719.1	75465 HINMN115 115	76261 HARIS115 115	1	-0.04079	-200.6 238.0	BASE CASE
2735.2	76527 FALCONER 115	281 WARREN 115	1	0.04995	35.4 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
2802.5	77103 BATAVIA1 115	77121 SENECA1 115	1	0.05100	108.0 159.0	OPEN 79800 [ROCH 345 345] TO 79584 [NIAG 345 345] CKT 1 OPEN 79800 [ROCH 345 345] TO 79819 [S80 1TR 115] CKT 1
2815.6	77103 BATAVIA1 115	77121 SENECA1 115	1	0.05073	107.6 159.0	OPEN 79800 [ROCH 345 345] TO 79584 [NIAG 345 345] CKT 1 OPEN 79592 [NIAGAR2W 230] TO 79584 [NIAG 345 345] CKT 1
2829.7	75465 HINMN115 115	76261 HARIS115 115	1	-0.05920	-245.1 306.0	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
2831.3	77103 BATAVIA1 115	77121 SENECA1 115	1	0.05121	106.3 159.0	OPEN 79584 [NIAG 345 345] TO 79800 [ROCH 345 345] CKT 1
2846.0	77103 BATAVIA1 115	77121 SENECA1 115	1	0.05069	106.1 159.0	OPEN 79801 [PANNELL3 345] TO 79800 [ROCH 345 345] CKT 2 OPEN 79800 [ROCH 345 345] TO 79584 [NIAG 345 345] CKT 1
2857.5	75405 OAKDL345 345	75403 FRASR345 345	1	0.38142	977.3 1380.0	OPEN 78450 [EDIC 345] TO 75403 [FRASR345 345] CKT 1 OPEN 79583 [MARCY T1 345] TO 75400 [COOPC345 345] CKT 1
2875.6	75465 HINMN115 115	76261 HARIS115 115	1	-0.05829	-243.4 306.0	OPEN 75416 [ROBIN230 230] TO 75417 [STOLE230 230] CKT 1
2941.9	76702 LOCKPORT 115	77122 SOUR-111 115	1	0.04996	102.0 159.0	OPEN 79800 [ROCH 345 345] TO 79584 [NIAG 345 345] CKT 1 OPEN 79800 [ROCH 345 345] TO 79819 [S80 1TR 115] CKT 1

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

TOTAL TRANS CAPAB	----->	----->	----->	----->	----->	DISTR. FACTOR	PRE-SHIFT MW	RATING BAS/CNT A/C	CONTINGENCY	DESCRIPTION	
2955.8	76702	LOCKPORT	115	77122	SOUR-111	115	1	0.04969	101.6	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
2962.7	75465	HINMN115	115	76261	HARIS115	115	1	-0.06333	-232.5	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
2970.1	76702	LOCKPORT	115	77122	SOUR-111	115	1	0.05016	100.4	159.0	OPEN 79584 [NIAG 345 345] TO 79800 [ROCH 345 345] CKT 1
2974.3	*75465	HINMN115	115	76261	HARIS115	115	1	-0.06291	-232.2	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
2986.3	76702	LOCKPORT	115	77122	SOUR-111	115	1	0.04965	100.2	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
2997.0	76702	LOCKPORT	115	77126	TELRDTP1	115	1	0.05116	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
3011.2	76702	LOCKPORT	115	77126	TELRDTP1	115	1	0.05089	118.4	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
3019.9	77122	SOUR-111	115	77123	SWDN-111	115	1	0.04996	98.1	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
3025.0	76702	LOCKPORT	115	77126	TELRDTP1	115	1	0.05137	117.2	180.0	OPEN 79584 [NIAG 345 345] TO 79800 [ROCH 345 345] CKT 1
3034.2	77122	SOUR-111	115	77123	SWDN-111	115	1	0.04969	97.7	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
3041.3	77100	SOUR-114	115	77111	MORTIMER	115	1	0.05406	86.0	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
3041.7	76702	LOCKPORT	115	77126	TELRDTP1	115	1	0.05085	116.9	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
3047.8	77122	SOUR-111	115	77123	SWDN-111	115	1	0.05016	96.5	159.0	OPEN 79584 [NIAG 345 345] TO 79800 [ROCH 345 345] CKT 1
3051.6	76702	LOCKPORT	115	77101	SHEL-113	115	1	0.05293	113.8	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
3055.7	77100	SOUR-114	115	77111	MORTIMER	115	1	0.05377	85.6	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
3058.5	75469	KATEL115	115	75467	JENN 115	115	1	0.03871	110.3	159.0	OPEN 75405 [OAKDL345 345] TO 75403 [FRASR345 345] CKT 1
3064.8	77122	SOUR-111	115	77123	SWDN-111	115	1	0.04965	96.3	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
3066.1	76702	LOCKPORT	115	77101	SHEL-113	115	1	0.05265	113.4	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
3069.1	77100	SOUR-114	115	77111	MORTIMER	115	1	0.05428	84.2	153.0	OPEN 79584 [NIAG 345 345] TO 79800 [ROCH 345 345] CKT 1
3079.4	76702	LOCKPORT	115	77101	SHEL-113	115	1	0.05315	112.1	180.0	OPEN 79584 [NIAG 345 345] TO 79800 [ROCH 345 345] CKT 1
3086.4	77100	SOUR-114	115	77111	MORTIMER	115	1	0.05373	84.0	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
3090.3	*77103	BATAVIA1	115	77121	SENECAP	115	1	0.04318	103.4	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
3096.7	76702	LOCKPORT	115	77101	SHEL-113	115	1	0.05261	111.9	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
3164.4	76501	S RIPLEY	230	361	ERIE E	230	1	0.12539	328.1	499.0	OPEN 75417 [STOLE230 230] TO 75414 [MEYER230 230] CKT 1
											OPEN 75406 [STOLE345 345] TO 479 [HOMER CY 345] CKT 1
3193.2	75414	MEYER230	230	75417	STOLE230	230	1	-0.13201	-246.3	430.0	BASE CASE
3203.2	79584	NIAG 345	345	79800	ROCH 345	345	1	0.58993	858.2	1685.0	OPEN 75404 [KINTI345 345] TO 79800 [ROCH 345 345] CKT 1
3208.4	77109	LAPPINS1	115	77116	NLEROYTA	115	1	0.05290	98.6	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
3215.6	79584	NIAG 345	345	79800	ROCH 345	345	1	0.59035	850.3	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 DYSE OPEN ***

TOTAL TRANS CAPAB	----- LIMITING ELEMENT FROM ----- TO -----	----- DISTR. FACTOR	PRE- RATING SHIFT BAS/CNT MW A/C	CONTINGENCY	DESCRIPTION
3223.7	77109 LAPPINS1 115 77116 NLEROYTA 115 1	0.05262	98.2 173.0	OPEN 79800 [ROCH 345 345] TO 79584 [NIAG 345 345]	CKT 1
				OPEN 79592 [NIAGAR2W 230] TO 79584 [NIAG 345 345]	CKT 1
3231.2	76501 S RIPLEY 230 361 ERIE E 230 1	0.10492	349.0 499.0	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
3235.5	77109 LAPPINS1 115 77116 NLEROYTA 115 1	0.05312	96.8 173.0	OPEN 79584 [NIAG 345 345] TO 79800 [ROCH 345 345]	CKT 1
3238.1	77101 SHEL-113 115 77124 SWDN-113 115 1	0.05298	103.9 180.0	OPEN 79800 [ROCH 345 345] TO 79584 [NIAG 345 345]	CKT 1
				OPEN 79800 [ROCH 345 345] TO 79819 [S80 1TR 115]	CKT 1
3238.8	75405 OAKDL345 345 75403 FRASR345 345 1	0.36241	859.2 1380.0	OPEN 77400 [CLAY 345] TO 78450 [EDIC 345]	CKT 2
				OPEN 78450 [EDIC 345] TO 75403 [FRASR345 345]	CKT 1
3253.6	77101 SHEL-113 115 77124 SWDN-113 115 1	0.05270	103.5 180.0	OPEN 79800 [ROCH 345 345] TO 79584 [NIAG 345 345]	CKT 1
				OPEN 79592 [NIAGAR2W 230] TO 79584 [NIAG 345 345]	CKT 1
3253.7	76501 S RIPLEY 230 361 ERIE E 230 1	0.10422	347.7 499.0	OPEN 75417 [STOLE230 230] TO 75414 [MEYER230 230]	CKT 1
3254.4	77109 LAPPINS1 115 77116 NLEROYTA 115 1	0.05258	96.6 173.0	OPEN 79801 [PANNELL3 345] TO 79800 [ROCH 345 345]	CKT 2
				OPEN 79800 [ROCH 345 345] TO 79584 [NIAG 345 345]	CKT 1
3254.9	*76702 LOCKPORT 115 77122 SOUR-111 115 1	0.04230	97.5 159.0	OPEN 75404 [KINTI345 345] TO 79800 [ROCH 345 345]	CKT 1
				OPEN 79800 [ROCH 345 345] TO 79819 [S80 1TR 115]	CKT 1
3265.2	77101 SHEL-113 115 77124 SWDN-113 115 1	0.05320	102.1 180.0	OPEN 79584 [NIAG 345 345] TO 79800 [ROCH 345 345]	CKT 1
3266.7	79584 NIAG 345 345 79800 ROCH 345 345 1	0.57020	849.7 1685.0	OPEN 79801 [PANNELL3 345] TO 79800 [ROCH 345 345]	CKT 1
				OPEN 75404 [KINTI345 345] TO 79800 [ROCH 345 345]	CKT 1
3271.5	76501 S RIPLEY 230 361 ERIE E 230 1	0.09734	355.9 499.0	OPEN 79583 [MARCY T1 345] TO 75400 [COOPC345 345]	CKT 1
				OPEN 75403 [FRASR345 345] TO 75400 [COOPC345 345]	CKT 1
3277.2	77111 MORTIMER 115 77124 SWDN-113 115 1	-0.05593	-70.5 153.0	OPEN 79800 [ROCH 345 345] TO 79584 [NIAG 345 345]	CKT 1
				OPEN 79800 [ROCH 345 345] TO 79819 [S80 1TR 115]	CKT 1
3284.4	77101 SHEL-113 115 77124 SWDN-113 115 1	0.05266	101.9 180.0	OPEN 79801 [PANNELL3 345] TO 79800 [ROCH 345 345]	CKT 2
				OPEN 79800 [ROCH 345 345] TO 79584 [NIAG 345 345]	CKT 1
3292.8	77111 MORTIMER 115 77124 SWDN-113 115 1	-0.05564	-70.0 153.0	OPEN 79800 [ROCH 345 345] TO 79584 [NIAG 345 345]	CKT 1
				OPEN 79592 [NIAGAR2W 230] TO 79584 [NIAG 345 345]	CKT 1
3294.6	77111 MORTIMER 115 77123 SWDN-111 115 1	-0.05309	-73.7 153.0	OPEN 79800 [ROCH 345 345] TO 79584 [NIAG 345 345]	CKT 1
				OPEN 79800 [ROCH 345 345] TO 79819 [S80 1TR 115]	CKT 1
3298.2	75405 OAKDL345 345 75403 FRASR345 345 1	0.37013	826.1 1380.0	OPEN 78450 [EDIC 345] TO 75403 [FRASR345 345]	CKT 1
				OPEN 75403 [FRASR345 345] TO 75455 [FRASR115 115]	CKT 1
3304.0	77111 MORTIMER 115 77124 SWDN-113 115 1	-0.05616	-68.6 153.0	OPEN 79584 [NIAG 345 345] TO 79800 [ROCH 345 345]	CKT 1
3305.7	*76501 S RIPLEY 230 361 ERIE E 230 1	0.10644	338.9 499.0	OPEN 79801 [PANNELL3 345] TO 79800 [ROCH 345 345]	CKT 2
				OPEN 79800 [ROCH 345 345] TO 79584 [NIAG 345 345]	CKT 1
3310.3	77111 MORTIMER 115 77123 SWDN-111 115 1	-0.05281	-73.3 153.0	OPEN 79800 [ROCH 345 345] TO 79584 [NIAG 345 345]	CKT 1
				OPEN 79592 [NIAGAR2W 230] TO 79584 [NIAG 345 345]	CKT 1
3320.0	*76702 LOCKPORT 115 77126 TELRDTP1 115 1	0.04332	114.2 180.0	OPEN 75404 [KINTI345 345] TO 79800 [ROCH 345 345]	CKT 1
				OPEN 79800 [ROCH 345 345] TO 79819 [S80 1TR 115]	CKT 1
3321.4	77111 MORTIMER 115 77123 SWDN-111 115 1	-0.05331	-72.0 153.0	OPEN 79584 [NIAG 345 345] TO 79800 [ROCH 345 345]	CKT 1
3323.7	77111 MORTIMER 115 77124 SWDN-113 115 1	-0.05559	-68.4 153.0	OPEN 79801 [PANNELL3 345] TO 79800 [ROCH 345 345]	CKT 2
				OPEN 79800 [ROCH 345 345] TO 79584 [NIAG 345 345]	CKT 1
3328.4	77100 SOUR-114 115 77126 TELRDTP1 115 1	-0.05411	-97.4 180.0	OPEN 79800 [ROCH 345 345] TO 79584 [NIAG 345 345]	CKT 1
				OPEN 79800 [ROCH 345 345] TO 79819 [S80 1TR 115]	CKT 1
3329.6	75498 S.OWE115 115 75668 LOUNS115 115 1	-0.05948	-52.1 143.0	OPEN 75405 [OAKDL345 345] TO 75407 [WATRC345 345]	CKT 1
3330.8	75414 MEYER230 230 75417 STOLE230 230 1	-0.16514	-287.5 540.0	OPEN 79801 [PANNELL3 345] TO 79800 [ROCH 345 345]	CKT 2
				OPEN 79800 [ROCH 345 345] TO 79584 [NIAG 345 345]	CKT 1

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

TOTAL TRANS CAPAB	LIMITING ELEMENT					DISTR. FACTOR	PRE- RATING		CONTINGENCY	DESCRIPTION
	FROM	TO	CKT	MW	A/C		SHIFT	BAS/CNT		
3339.0	75405 OAKDL345	345	75403 FRASR345	345	1	0.35093	840.5	1380.0	OPEN 78460 [PORTER 2 230]	TO 78980 [ROTRDM.2 230] CKT 1
									OPEN 78450 [EDIC 345]	TO 75403 [FRASR345 345] CKT 1
3341.2	77111 MORTIMER	115	77123 SWDN-111	115	1	-0.05277	-71.8	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
3344.3	77100 SOUR-114	115	77126 TELRDTP1	115	1	-0.05382	-97.0	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
3347.1	*77122 SOUR-111	115	77123 SWDN-111	115	1	0.04230	93.6	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
3352.5	75414 MEYER230	230	75417 STOLE230	230	1	-0.16173	-289.2	540.0	OPEN 79800 [ROCH 345 345]	TO 79584 [NIAG 345 345] CKT 1
									OPEN 79592 [NIAGAR2W 230]	TO 79584 [NIAG 345 345] CKT 1
3355.0	77100 SOUR-114	115	77126 TELRDTP1	115	1	-0.05433	-95.6	180.0	OPEN 79584 [NIAG 345 345]	TO 79800 [ROCH 345 345] CKT 1
3357.4	75414 MEYER230	230	75417 STOLE230	230	1	-0.16268	-286.9	540.0	OPEN 79800 [ROCH 345 345]	TO 79584 [NIAG 345 345] CKT 1
									OPEN 79800 [ROCH 345 345]	TO 79819 [S80 1TR 115] CKT 1
3357.8	79584 NIAG 345	345	79800 ROCH 345	345	1	0.58990	767.0	1685.0	OPEN 75404 [KINTI345 345]	TO 79584 [NIAG 345 345] CKT 1
									OPEN 75404 [KINTI345 345]	TO 79800 [ROCH 345 345] CKT 1
3359.5	*75414 MEYER230	230	75417 STOLE230	230	1	-0.16273	-286.5	540.0	OPEN 79584 [NIAG 345 345]	TO 79800 [ROCH 345 345] CKT 1
3362.2	*79584 NIAG 345	345	79800 ROCH 345	345	1	0.58990	764.4	1685.0	OPEN 75404 [KINTI345 345]	TO 79584 [NIAG 345 345] CKT 1
									OPEN 75404 [KINTI345 345]	TO 75523 [KINTIG2424.0] CKT 1
									OPEN 75404 [KINTI345 345]	TO 75523 [KINTIG2424.0] CKT 2
									REDUCE BUS 75523 [KINTIG2424.0] GENERATION BY 100 PERCENT DISPATCH	
3372.4	*77100 SOUR-114	115	77111 MORTIMER	115	1	0.04577	81.1	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
3375.2	77100 SOUR-114	115	77126 TELRDTP1	115	1	-0.05378	-95.4	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
3382.9	75465 HINMN115	115	76702 LOCKPORT	115	1	0.04199	171.6	238.0	BASE CASE	
3384.6	*76702 LOCKPORT	115	77101 SHEL-113	115	1	0.04481	109.1	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
3396.1	*75405 OAKDL345	345	75403 FRASR345	345	1	0.34876	823.9	1380.0	OPEN 78450 [EDIC 345]	TO 78460 [PORTER 2 230] CKT 1
									OPEN 78450 [EDIC 345]	TO 78485 [PORTER 1 115] CKT 1
3439.0	75469 KATEL115	115	75467 JENN 115	115	1	0.05320	71.9	159.0	OPEN 75405 [OAKDL345 345]	TO 75403 [FRASR345 345] CKT 1
									OPEN 75405 [OAKDL345 345]	TO 77403 [LAFAYTTE 345] CKT 1
3443.9	77112 MUMFORD1	115	77116 NLEROYTA	115	1	-0.05376	-84.7	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
3460.4	77112 MUMFORD1	115	77116 NLEROYTA	115	1	-0.05348	-84.3	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
3470.0	77112 MUMFORD1	115	77116 NLEROYTA	115	1	-0.05399	-82.9	173.0	OPEN 79584 [NIAG 345 345]	TO 79800 [ROCH 345 345] CKT 1
3488.9	75411 AVOCA230	230	75413 HILSD230	230	1	0.10938	198.4	383.0	OPEN 479 [HOMER CY 345]	TO 75407 [WATRC345 345] CKT 1
									OPEN 281 [WARREN 115]	TO 76527 [FALCONER 115] CKT 1
3491.4	77112 MUMFORD1	115	77116 NLEROYTA	115	1	-0.05344	-82.7	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
3501.7	75411 AVOCA230	230	75413 HILSD230	230	1	0.10781	199.7	383.0	OPEN 479 [HOMER CY 345]	TO 75407 [WATRC345 345] CKT 1
									OPEN 383 [E.SAYRE 115]	TO 75486 [N.WAV115 115] CKT 1
3508.8	77110 LAWLER-1	115	77111 MORTIMER	115	1	-0.03725	-87.4	151.0	OPEN 77447 [FRMGTN-4 115]	TO 79825 [PANNELLI 115] CKT 1
3545.8	75411 AVOCA230	230	75413 HILSD230	230	1	0.10024	208.2	383.0	OPEN 77403 [LAFAYTTE 345]	TO 75405 [OAKDL345 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	77.4
79801 PANNELL3 345	77400 CLAY 345	2	0.36394	77.7
75417 STOLE230 230	75414 MEYER230 230	1	0.13201	246.3
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	66.9
77111 MORTIMER 115	77463 LAWLER-2 115	1	0.03164	45.4
79825 PANNELLI 115	77447 FRMGTN-4 115	1	0.04132	121.2
79804 S121 B#2 115	75893 SLEIG115 115	1	0.02969	79.9
79810 STA 162 115	75995 S.PER115 115	1	0.00510	12.1
79805 CLYDE199 115	75893 SLEIG115 115	1	-0.03075	-38.8
79805 CLYDE199 115	77433 CLTNCORN 115	1	0.03075	22.2
79875 FARMNGTN34.5	77444 FARMGTN1 115	1	0.00197	-24.2
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	669.1

TOTAL TRANS CAPAB	LIMITING ELEMENT	FROM	TO	CKT	DISTR. FACTOR	PRE-SHIFT MW	RATING A/C	CONTINGENCY	DESCRIPTION
586.9	ELM-70	230	76837 ELMST23.23	0	0.02625	98.2	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	
1253.3	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	
1268.6	MEYER115 115	75995	S.PER115 115	1	-0.02792	-87.3	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	
1314.7	MEYER115 115	75995	S.PER115 115	1	-0.02778	-86.1	104.0	OPEN 75417 [STOLE230 230] TO 75414 [MEYER230 230] CKT 1	
1335.0	MEYER115 115	75995	S.PER115 115	1	-0.02997	-84.0	104.0	OPEN 75417 [STOLE230 230] TO 75414 [MEYER230 230] CKT 1	
								OPEN 75406 [STOLE345 345] TO 479 [HOMER CY 345] CKT 1	
1554.8	FALCONER 115	281	WARREN 115	1	0.05176	36.2	82.0	OPEN 76500 [DUNKIRK 230] TO 76501 [S RIPLEY 230] CKT 1	
1586.6	HINMN115 115	76261	HARIS115 115	1	-0.04079	-200.6	238.0	BASE CASE	
1602.7	FALCONER 115	281	WARREN 115	1	0.04995	35.4	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	
1670.0	BATAVIA1 115	77121	SENECAP 115	1	0.05100	108.0	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	
1683.1	BATAVIA1 115	77121	SENECAP 115	1	0.05073	107.6	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	
1697.2	HINMN115 115	76261	HARIS115 115	1	-0.05920	-245.1	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	
1698.8	BATAVIA1 115	77121	SENECAP 115	1	0.05121	106.3	159.0	OPEN 79584 [NIAG 345 345] TO 79800 [ROCH 345 345] CKT 1	
1713.5	BATAVIA1 115	77121	SENECAP 115	1	0.05069	106.1	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						DISTR. FACTOR	PRE- SHIFT MW	RATING BAS/CNT A/C	CONTINGENCY	DESCRIPTION
	FROM	TO	CKT								
1725.0	75405 OAKDL345	345	75403 FRASR345	345	1	0.38142	977.3	1380.0	OPEN 78450 [EDIC 345]	TO 75403 [FRASR345 345] CKT 1	
									OPEN 79583 [MARCY T1 345]	TO 75400 [COOPC345 345] CKT 1	
1743.1	75465 HINMN115	115	76261 HARIS115	115	1	-0.05829	-243.4	306.0	OPEN 75416 [ROBIN230 230]	TO 75417 [STOLE230 230] CKT 1	
1809.4	76702 LOCKPORT	115	77122 SOUR-111	115	1	0.04996	102.0	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	
1823.3	76702 LOCKPORT	115	77122 SOUR-111	115	1	0.04969	101.6	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	
1830.2	75465 HINMN115	115	76261 HARIS115	115	1	-0.06333	-232.5	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	
1837.6	76702 LOCKPORT	115	77122 SOUR-111	115	1	0.05016	100.4	159.0	OPEN 79584 [NIAG 345 345]	TO 79800 [ROCH 345 345] CKT 1	
1841.8	*75465 HINMN115	115	76261 HARIS115	115	1	-0.06291	-232.2	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	
1853.8	76702 LOCKPORT	115	77122 SOUR-111	115	1	0.04965	100.2	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	
1864.5	76702 LOCKPORT	115	77126 TELRDTP1	115	1	0.05116	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	
1878.6	76702 LOCKPORT	115	77126 TELRDTP1	115	1	0.05089	118.4	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	
1887.4	77122 SOUR-111	115	77123 SWDN-111	115	1	0.04996	98.1	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	
1892.5	76702 LOCKPORT	115	77126 TELRDTP1	115	1	0.05137	117.2	180.0	OPEN 79584 [NIAG 345 345]	TO 79800 [ROCH 345 345] CKT 1	
1901.7	77122 SOUR-111	115	77123 SWDN-111	115	1	0.04969	97.7	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	
1908.8	77100 SOUR-114	115	77111 MORTIMER	115	1	0.05406	86.0	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	
1909.2	76702 LOCKPORT	115	77126 TELRDTP1	115	1	0.05085	116.9	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	
1915.3	77122 SOUR-111	115	77123 SWDN-111	115	1	0.05016	96.5	159.0	OPEN 79584 [NIAG 345 345]	TO 79800 [ROCH 345 345] CKT 1	
1919.1	76702 LOCKPORT	115	77101 SHEL-113	115	1	0.05293	113.8	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	
1923.2	77100 SOUR-114	115	77111 MORTIMER	115	1	0.05377	85.6	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	
1926.0	75469 KATEL115	115	75467 JENN 115	115	1	0.03871	110.3	159.0	OPEN 75405 [OAKDL345 345]	TO 75403 [FRASR345 345] CKT 1	
1932.3	77122 SOUR-111	115	77123 SWDN-111	115	1	0.04965	96.3	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	
1933.6	76702 LOCKPORT	115	77101 SHEL-113	115	1	0.05265	113.4	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	
1936.6	77100 SOUR-114	115	77111 MORTIMER	115	1	0.05428	84.2	153.0	OPEN 79584 [NIAG 345 345]	TO 79800 [ROCH 345 345] CKT 1	
1946.9	76702 LOCKPORT	115	77101 SHEL-113	115	1	0.05315	112.1	180.0	OPEN 79584 [NIAG 345 345]	TO 79800 [ROCH 345 345] CKT 1	
1953.9	77100 SOUR-114	115	77111 MORTIMER	115	1	0.05373	84.0	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	
1957.8	*77103 BATAVIA1	115	77121 SENECAP	115	1	0.04318	103.4	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	
1964.2	76702 LOCKPORT	115	77101 SHEL-113	115	1	0.05261	111.9	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	
2031.9	76501 S RIPLEY	230	361 ERIE E	230	1	0.12539	328.1	499.0	OPEN 75417 [STOLE230 230]	TO 75414 [MEYER230 230] CKT 1	
									OPEN 75406 [STOLE345 345]	TO 479 [HOMER CY 345] CKT 1	
2060.6	75414 MEYER230	230	75417 STOLE230	230	1	-0.13201	-246.3	430.0	BASE CASE		

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

TOTAL	LIMITING ELEMENT					DISTR.	PRE- RATING		CONTINGENCY DESCRIPTION						
TRANS	FROM	TO	CKT	FACTOR	MW	A/C	SHIFT	BAS/CNT							
CAPAB	FROM	TO	CKT	FACTOR	MW	A/C	SHIFT	BAS/CNT							
2070.7	79584 NIAG 345 345	79800 ROCH 345 345	1	0.58993	858.2	1685.0	OPEN	75404	[KINTI345 345]	TO	79800	[ROCH 345 345]	CKT 1		
2075.9	77109 LAPPINS1 115	77116 NLEROYTA 115	1	0.05290	98.6	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
2083.1	79584 NIAG 345 345	79800 ROCH 345 345	1	0.59035	850.3	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
2091.2	77109 LAPPINS1 115	77116 NLEROYTA 115	1	0.05262	98.2	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
2098.7	76501 S RIPLEY 230	361 ERIE E 230	1	0.10492	349.0	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
2103.0	77109 LAPPINS1 115	77116 NLEROYTA 115	1	0.05312	96.8	173.0	OPEN	79584	[NIAG 345 345]	TO	79800	[ROCH 345 345]	CKT 1		
2105.6	77101 SHEL-113 115	77124 SWDN-113 115	1	0.05298	103.9	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
2106.3	75405 OAKDL345 345	75403 FRASR345 345	1	0.36241	859.2	1380.0	OPEN	77400	[CLAY 345]	TO	78450	[EDIC 345]	CKT 2		
									OPEN	78450	[EDIC 345]	TO	75403	[FRASR345 345]	CKT 1
2121.1	77101 SHEL-113 115	77124 SWDN-113 115	1	0.05270	103.5	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
2121.2	76501 S RIPLEY 230	361 ERIE E 230	1	0.10422	347.7	499.0	OPEN	75417	[STOLE230 230]	TO	75414	[MEYER230 230]	CKT 1		
2121.9	77109 LAPPINS1 115	77116 NLEROYTA 115	1	0.05258	96.6	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
2122.4	*76702 LOCKPORT 115	77122 SOUR-111 115	1	0.04230	97.5	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
2132.7	77101 SHEL-113 115	77124 SWDN-113 115	1	0.05320	102.1	180.0	OPEN	79584	[NIAG 345 345]	TO	79800	[ROCH 345 345]	CKT 1		
2134.1	79584 NIAG 345 345	79800 ROCH 345 345	1	0.57020	849.7	1685.0	OPEN	79801	[PANNELL3 345]	TO	79800	[ROCH 345 345]	CKT 1		
									OPEN	75404	[KINTI345 345]	TO	79800	[ROCH 345 345]	CKT 1
2139.0	76501 S RIPLEY 230	361 ERIE E 230	1	0.09734	355.9	499.0	OPEN	79583	[MARCY T1 345]	TO	75400	[COOPC345 345]	CKT 1		
									OPEN	75403	[FRASR345 345]	TO	75400	[COOPC345 345]	CKT 1
2144.7	77111 MORTIMER 115	77124 SWDN-113 115	1	-0.05593	-70.5	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
2151.9	77101 SHEL-113 115	77124 SWDN-113 115	1	0.05266	101.9	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
2160.3	77111 MORTIMER 115	77124 SWDN-113 115	1	-0.05564	-70.0	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
2162.1	77111 MORTIMER 115	77123 SWDN-111 115	1	-0.05309	-73.7	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
2165.7	75405 OAKDL345 345	75403 FRASR345 345	1	0.37013	826.1	1380.0	OPEN	78450	[EDIC 345]	TO	75403	[FRASR345 345]	CKT 1		
									OPEN	75403	[FRASR345 345]	TO	75455	[FRASR115 115]	CKT 1
2171.5	77111 MORTIMER 115	77124 SWDN-113 115	1	-0.05616	-68.6	153.0	OPEN	79584	[NIAG 345 345]	TO	79800	[ROCH 345 345]	CKT 1		
2173.2	*76501 S RIPLEY 230	361 ERIE E 230	1	0.10644	338.9	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
2177.8	77111 MORTIMER 115	77123 SWDN-111 115	1	-0.05281	-73.3	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
2187.5	*76702 LOCKPORT 115	77126 TELRDTP1 115	1	0.04332	114.2	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
2188.9	77111 MORTIMER 115	77123 SWDN-111 115	1	-0.05331	-72.0	153.0	OPEN	79584	[NIAG 345 345]	TO	79800	[ROCH 345 345]	CKT 1		
2191.2	77111 MORTIMER 115	77124 SWDN-113 115	1	-0.05559	-68.4	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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2005 SUMMER PEAK, LEVEL 5 (04/01/05)

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

TOTAL	LIMITING ELEMENT						DISTR.	PRE-RATING		CONTINGENCY DESCRIPTION			
TRANS	FROM	TO	CTKT	FACTOR	MW	A/C	SHIFT	BAS/CNT					
CAPAB	----->	----->	----->	----->									
2195.9	77100 SOUR-114	115 77126	TELRDTP1 115 1	-0.05411	-97.4	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
2197.1	75498 S.OWE115	115 75668	LOUN5115 115 1	-0.05948	-52.1	143.0	OPEN	75405	[OAKDL345 345]	TO	75407	[WATRC345 345]	CKT 1
2198.3	75414 MEYER230	230 75417	STOLE230 230 1	-0.16514	-287.5	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
2206.5	75405 OAKDL345	345 75403	FRASR345 345 1	0.35093	840.5	1380.0	OPEN	78460	[PORTER 2 230]	TO	78980	[ROTRDM.2 230]	CKT 1
							OPEN	78450	[EDIC 345]	TO	75403	[FRASR345 345]	CKT 1
2208.7	77111 MORTIMER	115 77123	SWDN-111 115 1	-0.05277	-71.8	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
2211.8	77100 SOUR-114	115 77126	TELRDTP1 115 1	-0.05382	-97.0	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
2214.6	*77122 SOUR-111	115 77123	SWDN-111 115 1	0.04230	93.6	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
2220.0	75414 MEYER230	230 75417	STOLE230 230 1	-0.16173	-289.2	540.0	OPEN	79800	[ROCH 345 345]	TO	79584	[NIAG 345 345]	CKT 1
							OPEN	79592	[NIAGAR2W 230]	TO	79584	[NIAG 345 345]	CKT 1
2222.5	77100 SOUR-114	115 77126	TELRDTP1 115 1	-0.05433	-95.6	180.0	OPEN	79584	[NIAG 345 345]	TO	79800	[ROCH 345 345]	CKT 1
2224.9	75414 MEYER230	230 75417	STOLE230 230 1	-0.16268	-286.9	540.0	OPEN	79800	[ROCH 345 345]	TO	79584	[NIAG 345 345]	CKT 1
							OPEN	79800	[ROCH 345 345]	TO	79819	[S80 1TR 115]	CKT 1
2225.3	79584 NIAG 345	345 79800	ROCH 345 345 1	0.58990	767.0	1685.0	OPEN	75404	[KINTI345 345]	TO	79584	[NIAG 345 345]	CKT 1
							OPEN	75404	[KINTI345 345]	TO	79800	[ROCH 345 345]	CKT 1
2227.0	*75414 MEYER230	230 75417	STOLE230 230 1	-0.16273	-286.5	540.0	OPEN	79584	[NIAG 345 345]	TO	79800	[ROCH 345 345]	CKT 1
2229.7	*79584 NIAG 345	345 79800	ROCH 345 345 1	0.58990	764.4	1685.0	OPEN	75404	[KINTI345 345]	TO	79584	[NIAG 345 345]	CKT 1
							OPEN	75404	[KINTI345 345]	TO	75523	[KINTIG2424.0]	CKT 1
							OPEN	75404	[KINTI345 345]	TO	75523	[KINTIG2424.0]	CKT 2
2239.9	*77100 SOUR-114	115 77111	MORTIMER 115 1	0.04577	81.1	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
2242.7	77100 SOUR-114	115 77126	TELRDTP1 115 1	-0.05378	-95.4	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
2250.4	75465 HINMN115	115 76702	LOCKPORT 115 1	0.04199	171.6	238.0	BASE CASE						
2252.1	*76702 LOCKPORT	115 77101	SHEL-113 115 1	0.04481	109.1	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
2263.6	*75405 OAKDL345	345 75403	FRASR345 345 1	0.34876	823.9	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
2306.5	75469 KATEL115	115 75467	JENN 115 115 1	0.05320	71.9	159.0	OPEN	75405	[OAKDL345 345]	TO	75403	[FRASR345 345]	CKT 1
							OPEN	75405	[OAKDL345 345]	TO	77403	[LAFAYTTE 345]	CKT 1
2311.4	77112 MUMFORD1	115 77116	NLEROYTA 115 1	-0.05376	-84.7	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
2327.9	77112 MUMFORD1	115 77116	NLEROYTA 115 1	-0.05348	-84.3	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
2337.5	77112 MUMFORD1	115 77116	NLEROYTA 115 1	-0.05399	-82.9	173.0	OPEN	79584	[NIAG 345 345]	TO	79800	[ROCH 345 345]	CKT 1
2356.4	75411 AVOCA230	230 75413	HILSD230 230 1	0.10938	198.4	383.0	OPEN	479	[HOMER CY 345]	TO	75407	[WATRC345 345]	CKT 1
							OPEN	281	[WARREN 115]	TO	76527	[FALCONER 115]	CKT 1
2358.9	77112 MUMFORD1	115 77116	NLEROYTA 115 1	-0.05344	-82.7	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
2369.2	75411 AVOCA230	230 75413	HILSD230 230 1	0.10781	199.7	383.0	OPEN	479	[HOMER CY 345]	TO	75407	[WATRC345 345]	CKT 1
							OPEN	383	[E.SAYRE 115]	TO	75486	[N.WAV115 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:	216.4	1000.0	1216.4
OPPOSING SYSTEM MW GENERATION:	2617.6	-1000.0	1617.6
STUDY SYSTEM NET INTERCHANGE:	215.8	1000.0	1215.8

<----- STUDY SYSTEM ----->					<----- OPPOSING SYSTEM ----->				
<---- GENERATOR MW ---->					<---- GENERATOR MW ---->				
BUS	BUS NAME	BASE	SHIFT	CHANGE	BUS	BUS NAME	BASE	SHIFT	CHANGE
79513	MOS17-1813.8	102.4	602.4	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	<----- BASE CASE ----->					
TOTAL	TRANS	RATING	PRE-	POST-	LIMIT	DISTR.												
CAPAB	A	MW	SHIFT	SHIFT	CASE	FACTOR												
79590	MOSES W	230	79517	MOS21-2413.8	6	277.3	258	-227.2	-727.2*	-258.0*	-0.50000							
79589	MOSES E	230	79514	MOS17-2013.8	5	300.3	258	-215.7	-715.7*	-246.5	-0.50000							
78009	BRNS FLS	115	78057	TAYLORVL	115	1	1996.9	102	40.2	74.9	42.3	0.03471						
78009	BRNS FLS	115	78021	FLAT RCK	115	1	2056.9	102	-38.2	-72.9	-40.4	-0.03463						
78460	PORTER 2	230	79586	ADRON B2	230	1	2071.6	321	-143.6	-239.2	-149.5	-0.09557						
78009	BRNS FLS	115	78025	HIGLEY	115	1	2072.4	102	-37.4	-72.2	-39.5	-0.03479						
78460	PORTER 2	230	79585	ADRON B1	230	1	2097.1	321	-141.2	-236.8	-147.1	-0.09557						
78009	BRNS FLS	115	78057	TAYLORVL	115	2	2112.1	106	40.2	74.9	42.3	0.03471						
79577	MARCY765	765	79583	MARCY T1	345	1	2154.4	1488	721.2	1116.8	745.6	0.39552						
79586	ADRON B2	230	79590	MOSES W	230	1	2312.3	348	-147.6	-243.2	-153.5	-0.09557						
79585	ADRON B1	230	79590	MOSES W	230	1	2312.3	348	-147.6	-243.2	-153.5	-0.09557						
78014	COLTON	115	78021	FLAT RCK	115	1	2446.7	114	36.7	71.4	38.9	0.03463						
79587	MASS230A	230	79589	MOSES E	230	1	2549.8	936	-73.0	-442.8	-95.8	-0.36973						
79588	MASS230B	230	79589	MOSES E	230	1	2549.8	936	-73.0	-442.8	-95.8	-0.36973						
79578	MASS 765	765	79587	MASS230A	230	1	2549.9	936	-73.0	-442.7	-95.7	-0.36973						
79578	MASS 765	765	79588	MASS230B	230	1	2549.9	936	-73.0	-442.7	-95.7	-0.36973						
78014	COLTON	115	78025	HIGLEY	115	1	2674.5	125	39.5	74.2	41.6	0.03479						
79577	MARCY765	765	79583	MARCY T1	345	2	2764.5	1488	611.3	955.3	632.5	0.34395						
78450	EDIC	345	79583	MARCY T1	345	1	3245.2	1677	-327.0	-772.6	-354.4	-0.44564						
79577	MARCY765	765	79578	MASS 765	765	1	3774.8	3975	-1343.	-2083.	-1389.	-0.73947						
	INTERFACE MOSES	OPEN					4003.6	5358	1570.1	2570.1	1631.6	1.00003						
	INTERFACE MOSES	SOUTH					4031.8	5400	1584.1	2584.2	1645.6	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	79577 MARCY765	765	1	0.73945 1343.2
79590 MOSES W 230	79585 ADRON B1	230	1	0.09557 147.6
79590 MOSES W 230	79586 ADRON B2	230	1	0.09557 147.6
78017 DENNISON 115	78002 ANDRWS-4	115	1	0.02156 -3.7
78017 DENNISON 115	78032 LWRNCE-B	115	1	0.02157 -2.6
78000 ALCOA-NM 115	78010 BRADY	115	1	0.01109 -22.2
78033 MALONE 115	78041 NICHOLVL	115	1	0.01521 -25.9
TOTALS FOR INTERFACE MOSESSOUTH			1.00000	1584.1

TOTAL TRANS CAPAB	LIMITING ELEMENT	TO	CKT	DISTR. FACTOR	PRE-SHIFT MW	RATING BAS/CNT A/C	CONTINGENCY DESCRIPTION
1645.6	79590 MOSES W 230	79517 MOS21-2413.8	6	0.49998	-227.2	258.0	BASE CASE
1668.6	79589 MOSES E 230	79514 MOS17-2013.8	5	-0.49999	-215.7	258.0	BASE CASE
1766.8	78009 BRNS FLS 115	78057 TAYLORVL 115	2	0.07847	119.7	134.0	OPEN 79578 [MASS 765 765] TO 79577 [MARC Y765 765] CKT 1
1779.6	78009 BRNS FLS 115	78057 TAYLORVL 115	1	0.07847	119.7	135.0	OPEN 79578 [MASS 765 765] TO 79577 [MARC Y765 765] CKT 1
1794.1	79586 ADRON B2 230	79590 MOSES W 230	1	-0.22993	-391.7	440.0	OPEN 79578 [MASS 765 765] TO 79577 [MARC Y765 765] CKT 1
1794.1	79585 ADRON B1 230	79590 MOSES W 230	1	-0.22993	-391.7	440.0	OPEN 79578 [MASS 765 765] TO 79577 [MARC Y765 765] CKT 1
1807.1	78009 BRNS FLS 115	78021 FLAT RCK 115	1	-0.07830	-117.5	135.0	OPEN 79578 [MASS 765 765] TO 79577 [MARC Y765 765] CKT 1
1812.0	78009 BRNS FLS 115	78025 HIGLEY 115	1	-0.07865	-117.1	135.0	OPEN 79578 [MASS 765 765] TO 79577 [MARC Y765 765] CKT 1
1850.7	78460 PORTER 2 230	79586 ADRON B2 230	1	-0.22993	-387.7	449.0	OPEN 79578 [MASS 765 765] TO 79577 [MARC Y765 765] CKT 1
1861.2	78460 PORTER 2 230	79585 ADRON B1 230	1	-0.22993	-385.3	449.0	OPEN 79578 [MASS 765 765] TO 79577 [MARC Y765 765] CKT 1
1900.1	79602 PLAT T#3 115	70511 GRAND IS 115	1	0.08663	274.6	302.0	OPEN 79578 [MASS 765 765] TO 79577 [MARC Y765 765] CKT 1
1900.1	79602 PLAT T#3 115	79672 PLAT 115 115	3	-0.08663	-274.6	302.0	OPEN 79578 [MASS 765 765] TO 79577 [MARC Y765 765] CKT 1
1915.7	78014 COLTON 115	78021 FLAT RCK 115	1	0.07829	116.0	142.0	OPEN 79578 [MASS 765 765] TO 79577 [MARC Y765 765] CKT 1
1928.2	78028 LOWVILLE 115	78057 TAYLORVL 115	1	-0.04208	-119.5	134.0	OPEN 79578 [MASS 765 765] TO 79577 [MARC Y765 765] CKT 1
2040.3	78014 COLTON 115	78025 HIGLEY 115	1	0.07865	119.1	155.0	OPEN 79578 [MASS 765 765] TO 79577 [MARC Y765 765] CKT 1
2115.0	78008 BREMEN 115	78057 TAYLORVL 115	1	-0.04205	-111.7	134.0	OPEN 79578 [MASS 765 765] TO 79577 [MARC Y765 765] CKT 1
2218.0	79577 MARCY765 765	79583 MARCY T1 345	1	0.69992	1210.3	1654.0	OPEN 79577 [MARC Y765 765] TO 79583 [MARC Y T1 345] CKT 2 OPEN 78703 [N.SCOT99 345] TO 79583 [MARC Y T1 345] CKT 1
2384.1	78028 LOWVILLE 115	78471 BOONVL 115	1	0.04207	100.3	134.0	OPEN 79578 [MASS 765 765] TO 79577 [MARC Y765 765] CKT 1
2404.6	79589 MOSES E 230	81255 STLAWL34 230	1	0.16922	307.2	446.0	OPEN 79578 [MASS 765 765] TO 79577 [MARC Y765 765] CKT 1
2415.9	78011 BU+LY+MO 115	78471 BOONVL 115	1	0.04205	111.0	146.0	OPEN 79578 [MASS 765 765] TO 79577 [MARC Y765 765] CKT 1
2531.2	78009 BRNS FLS 115	78057 TAYLORVL 115	2	0.07847	59.7	134.0	OPEN 79577 [MARC Y765 765] TO 79578 [MASS 765 765] CKT 1 OPEN 79578 [MASS 765 765] TO 84819 [CHA-NY 765] CKT 1
2543.7	78008 BREMEN 115	78011 BU+LY+MO 115	1	0.04205	105.6	146.0	OPEN 79578 [MASS 765 765] TO 79577 [MARC Y765 765] CKT 1
2543.9	78009 BRNS FLS 115	78057 TAYLORVL 115	1	0.07847	59.7	135.0	OPEN 79577 [MARC Y765 765] TO 79578 [MASS 765 765] CKT 1 OPEN 79578 [MASS 765 765] TO 84819 [CHA-NY 765] CKT 1
2571.4	78009 BRNS FLS 115	78021 FLAT RCK 115	1	-0.07830	-57.7	135.0	OPEN 79577 [MARC Y765 765] TO 79578 [MASS 765 765] CKT 1 OPEN 79578 [MASS 765 765] TO 84819 [CHA-NY 765] CKT 1
2576.3	78009 BRNS FLS 115	78025 HIGLEY 115	1	-0.07865	-57.0	135.0	OPEN 79577 [MARC Y765 765] TO 79578 [MASS 765 765] CKT 1 OPEN 79578 [MASS 765 765] TO 84819 [CHA-NY 765] CKT 1
2578.1	79586 ADRON B2 230	79590 MOSES W 230	1	-0.22993	-211.5	440.0	OPEN 79577 [MARC Y765 765] TO 79578 [MASS 765 765] CKT 1 OPEN 79578 [MASS 765 765] TO 84819 [CHA-NY 765] CKT 1
2578.1	79585 ADRON B1 230	79590 MOSES W 230	1	-0.22993	-211.5	440.0	OPEN 79577 [MARC Y765 765] TO 79578 [MASS 765 765] CKT 1 OPEN 79578 [MASS 765 765] TO 84819 [CHA-NY 765] CKT 1
2634.6	78460 PORTER 2 230	79586 ADRON B2 230	1	-0.22993	-207.5	449.0	OPEN 79577 [MARC Y765 765] TO 79578 [MASS 765 765] CKT 1 OPEN 79578 [MASS 765 765] TO 84819 [CHA-NY 765] CKT 1

CRPP SUM 2008 V6B
 2005 SUMMER PEAK, LEVEL 5 (04/01/05)

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

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

	PRE-SHIFT	DELTA	POST-SHIFT
STUDY SYSTEM MW GENERATION:	1833.5	1000.0	2833.5
OPPOSING SYSTEM MW GENERATION:	3326.9	-1000.0	2326.9
STUDY SYSTEM NET INTERCHANGE:	1786.6	1000.0	2786.6

<----- 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	217.9	117.9	-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	POLETGT218.0	222.0	162.0	-60.0
					79539	POLETSTG18.0	194.0	134.0	-60.0
					79540	POLETGT118.0	222.0	152.0	-70.0

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

<----- FROM ----->						<----- TO ----->						CKT
						BASE CASE						
						TOTAL	PRE-	POST-	LIMIT			
						TRANS	RATING	SHIFT	SHIFT	CASE	DISTR.	
						CAPAB	A	MW	MW	MW	FACTOR	
INTERFACE CENTRAL EAST						2798.0	3100	2599.7	3094.4	3100.0*	0.49469	
74344	PLTVLLEY	345	78701	LEEDS 3	345	2	3056.8	1331	-1074.	-1276.	-1279.	-0.20205
INTERFACE TOTAL EAST						3220.6	6500	5066.1	6066.0	6077.4	0.99995	
74344	PLTVLLEY	345	78705	ATHENS	345	1	3325.2	1331	-1035.	-1227.	-1230.	-0.19228
75400	COOPC345	345	75403	FRASR345	345	1	3492.0	1207	-875.1	-1070.	-1072.	-0.19461
74002	ROSETON	345	74331	FISHKILL	345	1	3781.2	1935	1563.4	1749.7	1751.8	0.18629
78450	EDIC	345	78702	N.SCOT77	345	1	4198.9	1331	873.3	1063.0	1065.2	0.18974
78703	N.SCOT99	345	79583	MARCY T1	345	1	4274.1	1487	-977.5	-1182.	-1185.	-0.20482
78701	LEEDS 3	345	78702	N.SCOT77	345	1	4562.2	1331	-806.0	-995.1	-997.3	-0.18915
78701	LEEDS 3	345	78703	N.SCOT99	345	2	4602.3	1331	-801.6	-989.6	-991.8	-0.18801
78450	EDIC	345	77400	CLAY	345	2	4645.9	1033	-575.4	-735.5	-737.3	-0.16002
78450	EDIC	345	77400	CLAY	345	1	4666.9	1033	-573.6	-733.1	-734.9	-0.15949
75403	FRASR345	345	75405	OAKDL345	345	1	4882.0	1255	-622.7	-827.0	-829.3	-0.20427
74001	ROCK TAV	345	74347	RAMAPO	345	1	5064.3	1720	936.1	1175.2	1177.9	0.23917
INTERFACE CENT E+FGILB						5672.6	5600	3040.5	3699.2	3706.7	0.65865	
75400	COOPC345	345	79304	N.M.TAP	345	1	5695.1	1464	783.9	957.9	959.9	0.17401
78701	LEEDS 3	345	78705	ATHENS	345	1	5769.6	1331	565.2	757.4	759.6	0.19228
78460	PORTER 2	230	78980	ROTRDM.2	230	2	5774.5	439	254.0	300.4	301.0	0.04638
INTERFACE CE GROUP						5811.5	8438	4413.4	5413.4	5424.8	0.99995	
INTERFACE VOLNEY EAST						5973.1	7190	3422.3	4322.2	4332.5	0.89996	

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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	622.7
75469 KATEL115	115 75467 JENN 115	115 1	0.01085	66.3
75488 OAKDL115	115 75444 DELHI115	115 1	0.01371	41.2
75513 WILET115	115 75446 E.NOR115	115 1	0.01212	62.2
77400 CLAY	345 78450 EDIC	345 1	0.17722	573.6
77400 CLAY	345 78450 EDIC	345 2	0.17781	575.4
77406 VOLNEY	345 79583 MARCY T1	345 1	0.17393	717.5
77426 BRDGPORT	115 78484 PETRBORO	115 1	0.01262	35.9
77466 LTHSE HL	115 78005 BLACK RV	115 1	0.00494	-6.7
77466 LTHSE HL	115 78018 E WTRTWN	115 1	0.00493	-3.0
77494 TEALL	115 78483 ONEIDA	115 1	0.01268	34.3
77500 WHITMAN	115 78483 ONEIDA	115 1	0.00745	-15.4
77779 OMEGAWIR	34.5 78610 CAMDEN	34.5 1	0.00000	-2.8
79580 JA FITZP	345 78450 EDIC	345 1	0.16476	721.1
TOTALS FOR INTERFACE VOLNEY EAST			1.00000	3422.3

TOTAL TRANS CAPAB	LIMITING ELEMENT	FROM	TO	CKT	DISTR. FACTOR	PRE-SHIFT MW	RATING BAS/CNT A/C	CONTINGENCY DESCRIPTION
1801.9		79303 SMAHWAH2	345 5028 WALDWICK	345 1	0.03134	639.8	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
2943.0	INTERFACE CENTRAL EAST				0.73032	3450.0	3100.0	OPEN 78450 [EDIC 345] TO 75403 [FRASR345 345] CKT 1 OPEN 79583 [MARCY T1 345] TO 75400 [COOPC345 345] CKT 1
3231.0	INTERFACE CENTRAL EAST				0.69917	3233.7	3100.0	OPEN 79583 [MARCY T1 345] TO 75400 [COOPC345 345] CKT 1 OPEN 75403 [FRASR345 345] TO 75400 [COOPC345 345] CKT 1
3428.0	INTERFACE CENTRAL EAST				0.67641	3096.2	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
3465.0	INTERFACE CENTRAL EAST				0.54968	3076.5	3100.0	SET BUS 71786 [SANDY PD 345] LOAD TO 0 MW DISPATCH
3465.0 *	INTERFACE CENTRAL EAST				0.54968	3076.5	3100.0	OPEN 70509 [SB RCTOR 115] TO 70508 [SANDB115 115] CKT 2 SET BUS 71786 [SANDY PD 345] LOAD TO 0 MW DISPATCH
3468.4	INTERFACE TOTAL EAST				1.11110	6448.8	6500.0	OPEN 70509 [SB RCTOR 115] TO 70508 [SANDB115 115] CKT 2 SET BUS 71786 [SANDY PD 345] LOAD TO 0 MW DISPATCH
3468.4	INTERFACE TOTAL EAST				1.11110	6448.8	6500.0	SET BUS 71786 [SANDY PD 345] LOAD TO 0 MW DISPATCH
3638.4	INTERFACE TOTAL EAST				1.11110	6259.8	6500.0	REMOVE MACHINE 1 FROM BUS 72869 [SBRK G1 25.0] DISPATCH
3638.4	INTERFACE TOTAL EAST				1.11110	6259.8	6500.0	OPEN 70509 [SB RCTOR 115] TO 70508 [SANDB115 115] CKT 2 REMOVE MACHINE 1 FROM BUS 72869 [SBRK G1 25.0] DISPATCH
3667.6 *	INTERFACE TOTAL EAST				1.11110	6227.4	6500.0	OPEN 70509 [SB RCTOR 115] TO 70508 [SANDB115 115] CKT 2 REMOVE MACHINE 3 FROM BUS 73563 [MILL#3 24.0] DISPATCH
4013.3		74344 PLTVLLEY	345 78701 LEEDS	3 345 2	-0.31961	-1535.1	1724.0	OPEN 78705 [ATHENS 345] TO 74344 [PLTVLLEY 345] CKT 1
4142.2		74344 PLTVLLEY	345 78705 ATHENS	345 1	-0.31085	-1500.2	1724.0	OPEN 78701 [LEEDS 3 345] TO 74344 [PLTVLLEY 345] CKT 2
4182.2		74344 PLTVLLEY	345 78701 LEEDS	3 345 2	-0.30645	-1491.1	1724.0	OPEN 78705 [ATHENS 345] TO 74344 [PLTVLLEY 345] CKT 1 OPEN 74344 [PLTVLLEY 345] TO 74341 [MILLWOOD 345] CKT 1
4188.4		74344 PLTVLLEY	345 78701 LEEDS	3 345 2	-0.30677	-1489.0	1724.0	OPEN 78705 [ATHENS 345] TO 74344 [PLTVLLEY 345] CKT 1 OPEN 74344 [PLTVLLEY 345] TO 74356 [WOOD B 345] CKT 1
4321.6		74344 PLTVLLEY	345 78705 ATHENS	345 1	-0.29842	-1455.6	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					DISTR. FACTOR	PRE- SHIFT MW	RATING BAS/CNT A/C	CONTINGENCY	DESCRIPTION
	FROM	TO	CKT							
4453.0	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	
4541.3	79303 SMAHWAH2 345	5028 WALDWICK 345	1			0.04114	543.0	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	
4541.5	74344 PLTVLLEY 345	78701 LEEDS 3 345	2			-0.29979	-1388.5	1724.0	OPEN 79583 [MARCY T1 345] TO 75400 [COOPC345 345] CKT 1	
									OPEN 75403 [FRASR345 345] TO 75400 [COOPC345 345] CKT 1	
4565.4	*74344 PLTVLLEY 345	78701 LEEDS 3 345	2			-0.22451	-1074.3	1331.0	BASE CASE	
4762.4	75403 FRASR345 345	75405 OAKDL345 345	1			-0.30053	-977.3	1380.0	OPEN 78450 [EDIC 345] TO 75403 [FRASR345 345] CKT 1	
									OPEN 79583 [MARCY T1 345] TO 75400 [COOPC345 345] CKT 1	
4789.0	74344 PLTVLLEY 345	78705 ATHENS 345	1			-0.28529	-1334.1	1724.0	OPEN 79583 [MARCY T1 345] TO 75400 [COOPC345 345] CKT 1	
									OPEN 75403 [FRASR345 345] TO 75400 [COOPC345 345] CKT 1	
4807.0	*74344 PLTVLLEY 345	78705 ATHENS 345	1			-0.21366	-1035.2	1331.0	BASE CASE	
4838.9	78701 LEEDS 3 345	78703 N.SCOT99 345	2			-0.32820	-1259.1	1724.0	OPEN 78701 [LEEDS 3 345] TO 78702 [N.SCOT77 345] CKT 1	
4901.4	78703 N.SCOT99 345	79583 MARCY T1 345	1			-0.30728	-1337.5	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	
4955.3	78703 N.SCOT99 345	79583 MARCY T1 345	1			-0.30224	-1328.7	1792.0	OPEN 78450 [EDIC 345] TO 75403 [FRASR345 345] CKT 1	
									OPEN 79583 [MARCY T1 345] TO 75400 [COOPC345 345] CKT 1	
4957.1	75400 COOPC345 345	75403 FRASR345 345	1			-0.21624	-875.1	1207.0	BASE CASE	
5017.5	75403 FRASR345 345	79581 GILB 345 345	1			0.32114	1011.7	1524.0	OPEN 79583 [MARCY T1 345] TO 75400 [COOPC345 345] CKT 1	
									OPEN 75403 [FRASR345 345] TO 75400 [COOPC345 345] CKT 1	
5035.2	75403 FRASR345 345	79581 GILB 345 345	1			0.32466	1000.4	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	
5061.3	79586 ADRON B2 230	79590 MOSES W 230	1			-0.02952	-391.6	440.0	OPEN 79578 [MASS 765 765] TO 79577 [MARCY765 765] CKT 1	
5061.4	79585 ADRON B1 230	79590 MOSES W 230	1			-0.02952	-391.6	440.0	OPEN 79578 [MASS 765 765] TO 79577 [MARCY765 765] CKT 1	
5120.5	78703 N.SCOT99 345	79583 MARCY T1 345	1			-0.30088	-1281.0	1792.0	OPEN 78450 [EDIC 345] TO 78702 [N.SCOT77 345] CKT 1	
5172.3	75400 COOPC345 345	75403 FRASR345 345	1			-0.28965	-1196.1	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	
5173.8	79304 N.M.TAP 345	79322 SHOEMTAP 138	1			0.07770	530.9	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	
5181.8	75400 COOPC345 345	79583 MARCY T1 345	1			-0.22367	-951.4	1345.0	OPEN 75403 [FRASR345 345] TO 75400 [COOPC345 345] CKT 1	
									OPEN 75405 [OAKDL345 345] TO 75403 [FRASR345 345] CKT 1	
5217.4	74002 ROSETON 345	74331 FISHKILL 345	1			0.20700	1563.4	1935.0	BASE CASE	
5225.3	75400 COOPC345 345	79583 MARCY T1 345	1			-0.22137	-945.9	1345.0	OPEN 75403 [FRASR345 345] TO 75400 [COOPC345 345] CKT 1	
5226.8	78703 N.SCOT99 345	79583 MARCY T1 345	1			-0.29571	-1258.4	1792.0	OPEN 79580 [JA FITZP 345] TO 78450 [EDIC 345] CKT 1	
									OPEN 78702 [N.SCOT77 345] TO 78450 [EDIC 345] CKT 1	
5228.2	75400 COOPC345 345	79583 MARCY T1 345	1			-0.22136	-945.3	1345.0	OPEN 75403 [FRASR345 345] TO 75400 [COOPC345 345] CKT 1	
									OPEN 75400 [COOPC345 345] TO 75440 [COOPC115 115] CKT 1	
5232.9	75400 COOPC345 345	75403 FRASR345 345	1			-0.28703	-1183.3	1703.0	OPEN 79583 [MARCY T1 345] TO 75400 [COOPC345 345] CKT 1	
5235.7	75400 COOPC345 345	75403 FRASR345 345	1			-0.28696	-1182.6	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	
5244.9	*75400 COOPC345 345	75403 FRASR345 345	1			-0.28686	-1180.2	1703.0	OPEN 79577 [MARCY765 765] TO 79583 [MARCY T1 345] CKT 1	
									OPEN 79583 [MARCY T1 345] TO 75400 [COOPC345 345] CKT 1	
5247.3	74001 ROCK TAV 345	74347 RAMAPO 345	1			0.35060	1529.2	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 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	17.6
75403 FRASR345 345	79581 GILB 345 345	1	0.16397	440.8
75400 COOPC345 345	74001 ROCK TAV 345	2	0.16248	688.6
75400 COOPC345 345	79304 N.M.TAP 345	1	0.17401	783.9
2 BRANCHBG 500	74300 RAMAPO 5 500	1	0.00000	440.2
4989 HUDSON1 345	74328 FARRGUT1 345	1	0.00000	400.6
5039 HUDSON2 345	74329 FARRGUT2 345	1	0.00000	400.6
4996 LINDEN 230	74371 GOETHALS 230	1	0.00000	200.4
5028 WALDWICK 345	79302 SMAHWAH1 345	1	-0.00242	-443.3
5028 WALDWICK 345	79303 SMAHWAH2 345	1	0.00242	-575.6
79314 HCOR138 138	79311 BURNS138 138	1	-0.00048	-98.8
79320 SMAH138 138	79302 SMAHWAH1 345	1	0.00734	-197.4
79320 SMAH138 138	79319 RAMP138 138	1	-0.00437	-86.3
79334 CLOSTR6969.0	79357 SPARKILL69.0	1	0.00066	-13.7
79338 HCOR69 69.0	79362 WNYA69 69.0	1	0.00172	-18.2
79346 MONTVALE69.0	79327 BLUHILL 69.0	1	0.00000	5.7
79346 MONTVALE69.0	79327 BLUHILL 69.0	2	0.00000	5.7
79346 MONTVALE69.0	79400 L491T 69.0	1	0.00046	-35.7
79356 SMAH69 69.0	79340 HILB69 69.0	1	-0.00523	-47.9
79370 HCOR34 34.5	79376 PEARL34 34.5	1	-0.00010	2.3
75447 E.SPR115 115	79136 INGHAM-E 115	1	0.00861	10.3
78450 EDIC 345	78702 N.SCOT77 345	1	0.18975	873.3
78460 PORTER 2 230	78980 ROTRDM.2 230	1	0.04514	247.5
78460 PORTER 2 230	78980 ROTRDM.2 230	2	0.04638	254.0
78478 INGMS-CD 115	79136 INGHAM-E 115	1	0.00000	119.9
79583 MARCY T1 345	78703 N.SCOT99 345	1	0.20484	977.5
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	5066.1

TOTAL TRANS	LIMITING ELEMENT	DISTR. FACTOR	PRE-SHIFT MW	RATING BAS/CNT	CONTINGENCY DESCRIPTION
3265.7	79303 SMAHWAH2 345 5028 WALDWICK 345 1	0.02821	639.8	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
4533.6	INTERFACE CENTRAL EAST	0.65729	3450.0	3100.0	OPEN 78450 [EDIC 345] TO 75403 [FRASR345 345] CKT 1 OPEN 79583 [MARCY T1 345] TO 75400 [COOPC345 345] CKT 1
4853.6	INTERFACE CENTRAL EAST	0.62926	3233.7	3100.0	OPEN 79583 [MARCY T1 345] TO 75400 [COOPC345 345] CKT 1 OPEN 75403 [FRASR345 345] TO 75400 [COOPC345 345] CKT 1
5072.4	INTERFACE CENTRAL EAST	0.60877	3096.2	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
5113.5	INTERFACE CENTRAL EAST	0.49471	3076.5	3100.0	SET BUS 71786 [SANDY PD 345] LOAD TO 0 MW DISPATCH
5113.5 *	INTERFACE CENTRAL EAST	0.49471	3076.5	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	6448.8	6500.0	OPEN 70509 [SB RCTOR 115] TO 70508 [SANDB115 115] CKT 2 SET BUS 71786 [SANDY PD 345] LOAD TO 0 MW DISPATCH

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

TOTAL TRANS	----->	LIMITING ELEMENT			----->	DISTR.	PRE- RATING		CONTINGENCY DESCRIPTION							
CAPAB	----->	FROM	----->	TO	----->	FACTOR	MW	A/C								
5117.3		INTERFACE TOTAL EAST				1.00000	6448.8	6500.0	SET BUS 71786 [SANDY PD 345] LOAD TO 0 MW DISPATCH							
5306.3		INTERFACE TOTAL EAST				1.00000	6259.8	6500.0	REMOVE MACHINE 1 FROM BUS 72869 [SBRK G1 25.0] DISPATCH							
5306.3		INTERFACE TOTAL EAST				1.00000	6259.8	6500.0	OPEN 70509 [SB RCTOR 115] TO 70508 [SANDB115 115] CKT 2							
5338.7	*	INTERFACE TOTAL EAST				1.00000	6227.4	6500.0	REMOVE MACHINE 1 FROM BUS 72869 [SBRK G1 25.0] DISPATCH							
									REMOVE MACHINE 1 FROM BUS 72869 [SBRK G1 25.0] DISPATCH							
									REMOVE MACHINE 3 FROM BUS 73563 [MILL#3 24.0] DISPATCH							
5722.8	74344	PLTVLLEY	345	78701	LEEDS 3	345 2	-0.28765	-1535.1	1724.0	OPEN	78705	[ATHENS 345]	TO	74344	[PLTVLLEY 345]	CKT 1
5865.9	74344	PLTVLLEY	345	78705	ATHENS	345 1	-0.27976	-1500.2	1724.0	OPEN	78701	[LEEDS 3 345]	TO	74344	[PLTVLLEY 345]	CKT 2
5910.5	74344	PLTVLLEY	345	78701	LEEDS 3	345 2	-0.27580	-1491.1	1724.0	OPEN	78705	[ATHENS 345]	TO	74344	[PLTVLLEY 345]	CKT 1
										OPEN	74344	[PLTVLLEY 345]	TO	74341	[MILLWOOD 345]	CKT 1
5917.3	74344	PLTVLLEY	345	78701	LEEDS 3	345 2	-0.27610	-1489.0	1724.0	OPEN	78705	[ATHENS 345]	TO	74344	[PLTVLLEY 345]	CKT 1
										OPEN	74344	[PLTVLLEY 345]	TO	74356	[WOOD B 345]	CKT 1
6065.3	74344	PLTVLLEY	345	78705	ATHENS	345 1	-0.26858	-1455.6	1724.0	OPEN	78701	[LEEDS 3 345]	TO	74344	[PLTVLLEY 345]	CKT 2
										OPEN	74344	[PLTVLLEY 345]	TO	74356	[WOOD B 345]	CKT 1
6211.4	74344	PLTVLLEY	345	78705	ATHENS	345 1	-0.26140	-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
6309.4	79303	SMAHWAH2	345	5028	WALDWICK	345 1	0.03703	543.0	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
6309.7	74344	PLTVLLEY	345	78701	LEEDS 3	345 2	-0.26981	-1388.5	1724.0	OPEN	79583	[MARCY T1 345]	TO	75400	[COOPC345 345]	CKT 1
										OPEN	75403	[FRASR345 345]	TO	75400	[COOPC345 345]	CKT 1
6336.2	*74344	PLTVLLEY	345	78701	LEEDS 3	345 2	-0.20206	-1074.3	1331.0	BASE CASE						
6555.1	75403	FRASR345	345	75405	OAKDL345	345 1	-0.27048	-977.3	1380.0	OPEN	78450	[EDIC 345]	TO	75403	[FRASR345 345]	CKT 1
										OPEN	79583	[MARCY T1 345]	TO	75400	[COOPC345 345]	CKT 1
6584.7	74344	PLTVLLEY	345	78705	ATHENS	345 1	-0.25676	-1334.1	1724.0	OPEN	79583	[MARCY T1 345]	TO	75400	[COOPC345 345]	CKT 1
										OPEN	75403	[FRASR345 345]	TO	75400	[COOPC345 345]	CKT 1
6604.6	*74344	PLTVLLEY	345	78705	ATHENS	345 1	-0.19229	-1035.2	1331.0	BASE CASE						
6640.1	78701	LEEDS 3	345	78703	N.SCOT99	345 2	-0.29538	-1259.1	1724.0	OPEN	78701	[LEEDS 3 345]	TO	78702	[N.SCOT77 345]	CKT 1
6709.5	78703	N.SCOT99	345	79583	MARCY T1	345 1	-0.27655	-1337.5	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
6769.4	78703	N.SCOT99	345	79583	MARCY T1	345 1	-0.27202	-1328.7	1792.0	OPEN	78450	[EDIC 345]	TO	75403	[FRASR345 345]	CKT 1
										OPEN	79583	[MARCY T1 345]	TO	75400	[COOPC345 345]	CKT 1
6771.5	75400	COOPC345	345	75403	FRASR345	345 1	-0.19462	-875.1	1207.0	BASE CASE						
6838.6	75403	FRASR345	345	79581	GILB 345	345 1	0.28903	1011.7	1524.0	OPEN	79583	[MARCY T1 345]	TO	75400	[COOPC345 345]	CKT 1
										OPEN	75403	[FRASR345 345]	TO	75400	[COOPC345 345]	CKT 1
6858.2	75403	FRASR345	345	79581	GILB 345	345 1	0.29219	1000.4	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
6887.2	79586	ADRON B2	230	79590	MOSES W	230 1	-0.02657	-391.6	440.0	OPEN	79578	[MASS 765 765]	TO	79577	[MARCY765 765]	CKT 1
6887.3	79585	ADRON B1	230	79590	MOSES W	230 1	-0.02657	-391.6	440.0	OPEN	79578	[MASS 765 765]	TO	79577	[MARCY765 765]	CKT 1
6953.0	78703	N.SCOT99	345	79583	MARCY T1	345 1	-0.27079	-1281.0	1792.0	OPEN	78450	[EDIC 345]	TO	78702	[N.SCOT77 345]	CKT 1
7010.6	75400	COOPC345	345	75403	FRASR345	345 1	-0.26069	-1196.1	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
7012.2	79304	N.M.TAP	345	79322	SHOEMTAP	138 1	0.06993	530.9	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

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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	10.3
78450 EDIC	345 78702 N.SCOT77	345 1	0.38356	873.3
78460 PORTER 2	230 78980 ROTRDM.2	230 1	0.09124	247.5
78460 PORTER 2	230 78980 ROTRDM.2	230 2	0.09375	254.0
78478 INGMS-CD	115 79136 INGHAM-E	115 1	0.00000	119.9
79583 MARCY T1	345 78703 N.SCOT99	345 1	0.41405	977.5
79602 PLAT T#3	115 70511 GRAND IS	115 1	0.00000	117.2
TOTALS FOR INTERFACE CENTRAL EAST			1.00000	2599.7

TOTAL TRANS CAPAB	LIMITING ELEMENT	FROM	TO	CKT	DISTR. FACTOR	PRE-SHIFT MW	RATING BAS/CNT A/C	CONTINGENCY DESCRIPTION
1709.0		79303 SMAHWAH2	345 5028 WALDWICK	345 1	0.05702	639.8	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
2336.2	INTERFACE CENTRAL EAST				1.32863	3450.0	3100.0	OPEN 78450 [EDIC 345] TO 75403 [FRASR345 345] CKT 1 OPEN 79583 [MARCY T1 345] TO 75400 [COOPC345 345] CKT 1
2494.6	INTERFACE CENTRAL EAST				1.27197	3233.7	3100.0	OPEN 79583 [MARCY T1 345] TO 75400 [COOPC345 345] CKT 1 OPEN 75403 [FRASR345 345] TO 75400 [COOPC345 345] CKT 1
2602.8	INTERFACE CENTRAL EAST				1.23056	3096.2	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
2623.1	INTERFACE CENTRAL EAST				1.00000	3076.5	3100.0	SET BUS 71786 [SANDY PD 345] LOAD TO 0 MW DISPATCH
2623.1 *	INTERFACE CENTRAL EAST				1.00000	3076.5	3100.0	OPEN 70509 [SB RCTOR 115] TO 70508 [SANDB115 115] CKT 2 SET BUS 71786 [SANDY PD 345] LOAD TO 0 MW DISPATCH
2625.0	INTERFACE TOTAL EAST				2.02138	6448.8	6500.0	OPEN 70509 [SB RCTOR 115] TO 70508 [SANDB115 115] CKT 2 SET BUS 71786 [SANDY PD 345] LOAD TO 0 MW DISPATCH
2625.0	INTERFACE TOTAL EAST				2.02138	6448.8	6500.0	SET BUS 71786 [SANDY PD 345] LOAD TO 0 MW DISPATCH
2718.5	INTERFACE TOTAL EAST				2.02138	6259.8	6500.0	REMOVE MACHINE 1 FROM BUS 72869 [SBRK G1 25.0] DISPATCH
2718.5	INTERFACE TOTAL EAST				2.02138	6259.8	6500.0	OPEN 70509 [SB RCTOR 115] TO 70508 [SANDB115 115] CKT 2 REMOVE MACHINE 1 FROM BUS 72869 [SBRK G1 25.0] DISPATCH
2734.5 *	INTERFACE TOTAL EAST				2.02138	6227.4	6500.0	OPEN 70509 [SB RCTOR 115] TO 70508 [SANDB115 115] CKT 2 REMOVE MACHINE 3 FROM BUS 73563 [MILL#3 24.0] DISPATCH
2924.6		74344 PLTVLLEY	345 78701 LEEDS 3	345 2	-0.58146	-1535.1	1724.0	OPEN 78705 [ATHENS 345] TO 74344 [PLTVLLEY 345] CKT 1
2995.4		74344 PLTVLLEY	345 78705 ATHENS	345 1	-0.56551	-1500.2	1724.0	OPEN 78701 [LEEDS 3 345] TO 74344 [PLTVLLEY 345] CKT 2
3017.4		74344 PLTVLLEY	345 78701 LEEDS 3	345 2	-0.55750	-1491.1	1724.0	OPEN 78705 [ATHENS 345] TO 74344 [PLTVLLEY 345] CKT 1 OPEN 74344 [PLTVLLEY 345] TO 74341 [MILLWOOD 345] CKT 1
3020.8		74344 PLTVLLEY	345 78701 LEEDS 3	345 2	-0.55810	-1489.0	1724.0	OPEN 78705 [ATHENS 345] TO 74344 [PLTVLLEY 345] CKT 1 OPEN 74344 [PLTVLLEY 345] TO 74356 [WOOD B 345] CKT 1
3094.0		74344 PLTVLLEY	345 78705 ATHENS	345 1	-0.54290	-1455.6	1724.0	OPEN 78701 [LEEDS 3 345] TO 74344 [PLTVLLEY 345] CKT 2 OPEN 74344 [PLTVLLEY 345] TO 74356 [WOOD B 345] CKT 1
3166.3		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
3214.7		79303 SMAHWAH2	345 5028 WALDWICK	345 1	0.07485	543.0	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
3214.9		74344 PLTVLLEY	345 78701 LEEDS 3	345 2	-0.54539	-1388.5	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 CENTRAL EAST ***

TOTAL	TRANS	FROM	LIMITING ELEMENT	TO	CKT	DISTR.	PRE- RATING	SHIFT	BAS/CNT	CONTINGENCY	DESCRIPTION
						FACTOR	MW	A/C			
3228.0	*74344	PLTVLLEY 345	78701 LEEDS 3	345 2		-0.40845	-1074.3	1331.0		BASE CASE	
3336.3	75403	FRASR345 345	75405 OAKDL345	345 1		-0.54673	-977.3	1380.0	OPEN 78450	[EDIC 345] TO 75403	[FRASR345 345] CKT 1
									OPEN 79583	[MARCY T1 345] TO 75400	[COOPC345 345] CKT 1
3350.9	74344	PLTVLLEY 345	78705 ATHENS	345 1		-0.51901	-1334.1	1724.0	OPEN 79583	[MARCY T1 345] TO 75400	[COOPC345 345] CKT 1
									OPEN 75403	[FRASR345 345] TO 75400	[COOPC345 345] CKT 1
3360.8	*74344	PLTVLLEY 345	78705 ATHENS	345 1		-0.38869	-1035.2	1331.0		BASE CASE	
3378.3	78701	LEEDS 3 345	78703 N.SCOT99	345 2		-0.59708	-1259.1	1724.0	OPEN 78701	[LEEDS 3 345] TO 78702	[N.SCOT77 345] CKT 1
3412.7	78703	N.SCOT99 345	79583 MARCY T1	345 1		-0.55902	-1337.5	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
3442.3	78703	N.SCOT99 345	79583 MARCY T1	345 1		-0.54985	-1328.7	1792.0	OPEN 78450	[EDIC 345] TO 75403	[FRASR345 345] CKT 1
									OPEN 79583	[MARCY T1 345] TO 75400	[COOPC345 345] CKT 1
3443.3	75400	COOPC345 345	75403 FRASR345	345 1		-0.39339	-875.1	1207.0		BASE CASE	
3476.5	75403	FRASR345 345	79581 GILB 345	345 1		0.58424	1011.7	1524.0	OPEN 79583	[MARCY T1 345] TO 75400	[COOPC345 345] CKT 1
									OPEN 75403	[FRASR345 345] TO 75400	[COOPC345 345] CKT 1
3486.3	75403	FRASR345 345	79581 GILB 345	345 1		0.59063	1000.4	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
3500.6	79586	ADRON B2 230	79590 MOSES W	230 1		-0.05371	-391.6	440.0	OPEN 79578	[MASS 765 765] TO 79577	[MARCY765 765] CKT 1
3500.6	79585	ADRON B1 230	79590 MOSES W	230 1		-0.05371	-391.6	440.0	OPEN 79578	[MASS 765 765] TO 79577	[MARCY765 765] CKT 1
3533.2	78703	N.SCOT99 345	79583 MARCY T1	345 1		-0.54737	-1281.0	1792.0	OPEN 78450	[EDIC 345] TO 78702	[N.SCOT77 345] CKT 1
3561.6	75400	COOPC345 345	75403 FRASR345	345 1		-0.52695	-1196.1	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
3562.4	79304	N.M.TAP 345	79322 SHOEMTAP	138 1		0.14135	530.9	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
3566.9	75400	COOPC345 345	79583 MARCY T1	345 1		-0.40692	-951.4	1345.0	OPEN 75403	[FRASR345 345] TO 75400	[COOPC345 345] CKT 1
									OPEN 75405	[OAKDL345 345] TO 75403	[FRASR345 345] CKT 1
3586.4	74002	ROSETON 345	74331 FISHKILL	345 1		0.37659	1563.4	1935.0		BASE CASE	
3590.8	75400	COOPC345 345	79583 MARCY T1	345 1		-0.40272	-945.9	1345.0	OPEN 75403	[FRASR345 345] TO 75400	[COOPC345 345] CKT 1
3591.6	78703	N.SCOT99 345	79583 MARCY T1	345 1		-0.53797	-1258.4	1792.0	OPEN 79580	[JA FITZP 345] TO 78450	[EDIC 345] CKT 1
									OPEN 78702	[N.SCOT77 345] TO 78450	[EDIC 345] CKT 1
3592.3	75400	COOPC345 345	79583 MARCY T1	345 1		-0.40270	-945.3	1345.0	OPEN 75403	[FRASR345 345] TO 75400	[COOPC345 345] CKT 1
									OPEN 75400	[COOPC345 345] TO 75440	[COOPC115 115] CKT 1
3594.9	75400	COOPC345 345	75403 FRASR345	345 1		-0.52218	-1183.3	1703.0	OPEN 79583	[MARCY T1 345] TO 75400	[COOPC345 345] CKT 1
3596.5	75400	COOPC345 345	75403 FRASR345	345 1		-0.52205	-1182.6	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
3601.5	*75400	COOPC345 345	75403 FRASR345	345 1		-0.52186	-1180.2	1703.0	OPEN 79577	[MARCY765 765] TO 79583	[MARCY T1 345] CKT 1
									OPEN 79583	[MARCY T1 345] TO 75400	[COOPC345 345] CKT 1
3602.8	74001	ROCK TAV 345	74347 RAMAPO	345 1		0.63782	1529.2	2169.0	OPEN 74331	[FISHKILL 345] TO 74022	[E FISH I 115] CKT 1
									OPEN 74331	[FISHKILL 345] TO 74002	[ROSETON 345] CKT 1
3610.8	74001	ROCK TAV 345	74347 RAMAPO	345 1		0.62761	1534.4	2169.0	OPEN 74002	[ROSETON 345] TO 74331	[FISHKILL 345] CKT 1
3615.1	78450	EDIC 345	78702 N.SCOT77	345 1		0.52010	1195.9	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
3616.2	78450	EDIC 345	78702 N.SCOT77	345 1		0.52000	1195.4	1724.0	OPEN 78703	[N.SCOT99 345] TO 79583	[MARCY T1 345] CKT 1
3617.7	75400	COOPC345 345	79304 N.M.TAP	345 1		0.56014	1222.8	1793.0	OPEN 74001	[ROCK TAV 345] TO 75400	[COOPC345 345] CKT 2
									OPEN 75400	[COOPC345 345] TO 75440	[COOPC115 115] CKT 1
3623.5	75400	COOPC345 345	79304 N.M.TAP	345 1		0.55972	1220.0	1793.0	OPEN 75400	[COOPC345 345] TO 74001	[ROCK TAV 345] CKT 2

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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	440.8
75447 E.SPR115 115	79136 INGHAM-E 115	1	0.01307	10.3
78450 EDIC 345	78702 N.SCOT77 345	1	0.28808	873.3
78460 PORTER 2 230	78980 ROTRDM.2 230	1	0.06853	247.5
78460 PORTER 2 230	78980 ROTRDM.2 230	2	0.07041	254.0
78478 INGMS-CD 115	79136 INGHAM-E 115	1	0.00000	119.9
79583 MARCY T1 345	78703 N.SCOT99 345	1	0.31098	977.5
79602 PLAT T#3 115	70511 GRAND IS 115	1	0.00000	117.2
TOTALS FOR INTERFACE CENT E+FGILB			1.00000	3040.5

TOTAL TRANS	FROM	TO	CKT	DISTR. FACTOR	PRE-RATING MW	A/C	CONTINGENCY	DESCRIPTION
1854.6	79303 SMAHWAH2 345	5028 WALDWICK 345	1	0.04283	639.8	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
2689.8	INTERFACE CENTRAL EAST			0.99789	3450.0	3100.0		OPEN 78450 [EDIC 345] TO 75403 [FRASR345 345] CKT 1
								OPEN 79583 [MARCY T1 345] TO 75400 [COOPC345 345] CKT 1
2900.5	INTERFACE CENTRAL EAST			0.95533	3233.7	3100.0		OPEN 79583 [MARCY T1 345] TO 75400 [COOPC345 345] CKT 1
								OPEN 75403 [FRASR345 345] TO 75400 [COOPC345 345] CKT 1
3044.7	INTERFACE CENTRAL EAST			0.92423	3096.2	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
3071.7	INTERFACE CENTRAL EAST			0.75107	3076.5	3100.0		SET BUS 71786 [SANDY PD 345] LOAD TO 0 MW DISPATCH
3071.7 *	INTERFACE CENTRAL EAST			0.75107	3076.5	3100.0		OPEN 70509 [SB RCTOR 115] TO 70508 [SANDB115 115] CKT 2
								SET BUS 71786 [SANDY PD 345] LOAD TO 0 MW DISPATCH
3074.2	INTERFACE TOTAL EAST			1.51819	6448.8	6500.0		OPEN 70509 [SB RCTOR 115] TO 70508 [SANDB115 115] CKT 2
								SET BUS 71786 [SANDY PD 345] LOAD TO 0 MW DISPATCH
3074.2	INTERFACE TOTAL EAST			1.51819	6448.8	6500.0		SET BUS 71786 [SANDY PD 345] LOAD TO 0 MW DISPATCH
3198.7	INTERFACE TOTAL EAST			1.51819	6259.8	6500.0		REMOVE MACHINE 1 FROM BUS 72869 [SBRK G1 25.0] DISPATCH
3198.7	INTERFACE TOTAL EAST			1.51819	6259.8	6500.0		OPEN 70509 [SB RCTOR 115] TO 70508 [SANDB115 115] CKT 2
								REMOVE MACHINE 1 FROM BUS 72869 [SBRK G1 25.0] DISPATCH
3220.0 *	INTERFACE TOTAL EAST			1.51819	6227.4	6500.0		OPEN 70509 [SB RCTOR 115] TO 70508 [SANDB115 115] CKT 2
								REMOVE MACHINE 3 FROM BUS 73563 [MILL#3 24.0] DISPATCH
3473.1	74344 PLTVLLEY 345	78701 LEEDS 3	345 2	-0.43671	-1535.1	1724.0		OPEN 78705 [ATHENS 345] TO 74344 [PLTVLLEY 345] CKT 1
3567.3	74344 PLTVLLEY 345	78705 ATHENS	345 1	-0.42473	-1500.2	1724.0		OPEN 78701 [LEEDS 3 345] TO 74344 [PLTVLLEY 345] CKT 2
3596.7	74344 PLTVLLEY 345	78701 LEEDS 3	345 2	-0.41872	-1491.1	1724.0		OPEN 78705 [ATHENS 345] TO 74344 [PLTVLLEY 345] CKT 1
								OPEN 74344 [PLTVLLEY 345] TO 74341 [MILLWOOD 345] CKT 1
3601.2	74344 PLTVLLEY 345	78701 LEEDS 3	345 2	-0.41917	-1489.0	1724.0		OPEN 78705 [ATHENS 345] TO 74344 [PLTVLLEY 345] CKT 1
								OPEN 74344 [PLTVLLEY 345] TO 74356 [WOOD B 345] CKT 1
3698.7	74344 PLTVLLEY 345	78705 ATHENS	345 1	-0.40776	-1455.6	1724.0		OPEN 78701 [LEEDS 3 345] TO 74344 [PLTVLLEY 345] CKT 2
								OPEN 74344 [PLTVLLEY 345] TO 74356 [WOOD B 345] CKT 1
3794.9	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
3859.4	79303 SMAHWAH2 345	5028 WALDWICK 345	1	0.05622	543.0	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 CENT E+FGILB ***

TOTAL	LIMITING ELEMENT						DISTR.	PRE- RATING		CONTINGENCY DESCRIPTION				
TRANS	FROM	TO	CKT	FACTOR	MW	A/C	SHIFT	BAS/CNT						
3859.6	74344	PLTVLLEY 345	78701	LEEDS 3	345	2	-0.40962	-1388.5	1724.0	OPEN	79583	[MARCY T1 345]	TO 75400 [COOPC345 345] CKT 1	
										OPEN	75403	[FRASR345 345]	TO 75400 [COOPC345 345] CKT 1	
3877.1	*74344	PLTVLLEY 345	78701	LEEDS 3	345	2	-0.30677	-1074.3	1331.0	BASE CASE				
4021.3	75403	FRASR345 345	75405	OAKDL345	345	1	-0.41063	-977.3	1380.0	OPEN	78450	[EDIC 345]	TO 75403 [FRASR345 345] CKT 1	
										OPEN	79583	[MARCY T1 345]	TO 75400 [COOPC345 345] CKT 1	
4040.8	74344	PLTVLLEY 345	78705	ATHENS	345	1	-0.38981	-1334.1	1724.0	OPEN	79583	[MARCY T1 345]	TO 75400 [COOPC345 345] CKT 1	
										OPEN	75403	[FRASR345 345]	TO 75400 [COOPC345 345] CKT 1	
4053.9	*74344	PLTVLLEY 345	78705	ATHENS	345	1	-0.29193	-1035.2	1331.0	BASE CASE				
4077.3	78701	LEEDS 3	345	78703	N.SCOT99	345	2	-0.44845	-1259.1	1724.0	OPEN	78701	[LEEDS 3 345]	TO 78702 [N.SCOT77 345] CKT 1
4123.0	78703	N.SCOT99 345	79583	MARCY T1	345	1	-0.41986	-1337.5	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	
4162.4	78703	N.SCOT99 345	79583	MARCY T1	345	1	-0.41298	-1328.7	1792.0	OPEN	78450	[EDIC 345]	TO 75403 [FRASR345 345] CKT 1	
										OPEN	79583	[MARCY T1 345]	TO 75400 [COOPC345 345] CKT 1	
4163.8	75400	COOPC345 345	75403	FRASR345	345	1	-0.29546	-875.1	1207.0	BASE CASE				
4208.0	75403	FRASR345 345	79581	GILB 345	345	1	0.43880	1011.7	1524.0	OPEN	79583	[MARCY T1 345]	TO 75400 [COOPC345 345] CKT 1	
										OPEN	75403	[FRASR345 345]	TO 75400 [COOPC345 345] CKT 1	
4220.9	75403	FRASR345 345	79581	GILB 345	345	1	0.44360	1000.4	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	
4240.1	79586	ADRON B2 230	79590	MOSES W	230	1	-0.04034	-391.6	440.0	OPEN	79578	[MASS 765 765]	TO 79577 [MARCY765 765] CKT 1	
4240.1	79585	ADRON B1 230	79590	MOSES W	230	1	-0.04034	-391.6	440.0	OPEN	79578	[MASS 765 765]	TO 79577 [MARCY765 765] CKT 1	
4283.4	78703	N.SCOT99 345	79583	MARCY T1	345	1	-0.41111	-1281.0	1792.0	OPEN	78450	[EDIC 345]	TO 78702 [N.SCOT77 345] CKT 1	
4321.3	75400	COOPC345 345	75403	FRASR345	345	1	-0.39577	-1196.1	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	
4322.4	79304	N.M.TAP 345	79322	SHOEMTAP	138	1	0.10616	530.9	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	
4328.3	75400	COOPC345 345	79583	MARCY T1	345	1	-0.30562	-951.4	1345.0	OPEN	75403	[FRASR345 345]	TO 75400 [COOPC345 345] CKT 1	
										OPEN	75405	[OAKDL345 345]	TO 75403 [FRASR345 345] CKT 1	
4354.3	74002	ROSETON 345	74331	FISHKILL	345	1	0.28284	1563.4	1935.0	BASE CASE				
4360.1	75400	COOPC345 345	79583	MARCY T1	345	1	-0.30247	-945.9	1345.0	OPEN	75403	[FRASR345 345]	TO 75400 [COOPC345 345] CKT 1	
4361.2	78703	N.SCOT99 345	79583	MARCY T1	345	1	-0.40405	-1258.4	1792.0	OPEN	79580	[JA FITZP 345]	TO 78450 [EDIC 345] CKT 1	
										OPEN	78702	[N.SCOT77 345]	TO 78450 [EDIC 345] CKT 1	
4362.2	75400	COOPC345 345	79583	MARCY T1	345	1	-0.30246	-945.3	1345.0	OPEN	75403	[FRASR345 345]	TO 75400 [COOPC345 345] CKT 1	
										OPEN	75400	[COOPC345 345]	TO 75440 [COOPC115 115] CKT 1	
4365.6	75400	COOPC345 345	75403	FRASR345	345	1	-0.39219	-1183.3	1703.0	OPEN	79583	[MARCY T1 345]	TO 75400 [COOPC345 345] CKT 1	
4367.7	75400	COOPC345 345	75403	FRASR345	345	1	-0.39210	-1182.6	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	
4374.4	*75400	COOPC345 345	75403	FRASR345	345	1	-0.39195	-1180.2	1703.0	OPEN	79577	[MARCY765 765]	TO 79583 [MARCY T1 345] CKT 1	
										OPEN	79583	[MARCY T1 345]	TO 75400 [COOPC345 345] CKT 1	
4376.2	74001	ROCK TAV 345	74347	RAMAPO	345	1	0.47905	1529.2	2169.0	OPEN	74331	[FISHKILL 345]	TO 74022 [E FISH I 115] CKT 1	
										OPEN	74331	[FISHKILL 345]	TO 74002 [ROSETON 345] CKT 1	
4386.8	74001	ROCK TAV 345	74347	RAMAPO	345	1	0.47137	1534.4	2169.0	OPEN	74002	[ROSETON 345]	TO 74331 [FISHKILL 345] CKT 1	
4392.4	78450	EDIC 345	78702	N.SCOT77	345	1	0.39063	1195.9	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	
4394.0	78450	EDIC 345	78702	N.SCOT77	345	1	0.39055	1195.4	1724.0	OPEN	78703	[N.SCOT99 345]	TO 79583 [MARCY T1 345] CKT 1	

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

-< INTERFACE 'F TO G		DEFINITION ->		PRE-
FROM	TO	CKT	DISTR. FACTOR	SHIFT MW
78742 BLUES-8	115 74043 PL.VAL 1	115 1	0.02169	58.1
78739 BL STR E	115 74043 PL.VAL 1	115 1	0.02538	51.4
78730 ADM	115 74043 PL.VAL 1	115 1	0.02251	50.5
78757 BOC 2T	115 74040 N.CAT. 1	115 2	0.02004	88.1
78701 LEEDS 3	345 74000 HURLEY 3	345 1	0.22582	700.8
78705 ATHENS	345 74344 PLTVLLEY 345	1	0.33380	1035.2
78701 LEEDS 3	345 74344 PLTVLLEY 345	2	0.35076	1074.3
TOTALS FOR INTERFACE F TO G				1.00000 3058.4

TOTAL TRANS CAPAB	LIMITING ELEMENT		DISTR. FACTOR	PRE-SHIFT MW	RATING BAS/CNT A/C	CONTINGENCY DESCRIPTION
1562.7	79319 RAMP138	138 79361 TALLMAN	138 1	0.04117	366.0 304.4	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
2360.1	79303 SMAHWAH2	345 5028 WALDWICK	345 1	0.07274	639.8 589.0	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
2483.2	74018 SUGARLF	115 74046 ROCK TV1	115 1	-0.03612	-238.8 218.0	OPEN 79304 [N.M.TAP 345] TO 79322 [SHOEMTAP 138] CKT 1
2483.3	74018 SUGARLF	115 74046 ROCK TV1	115 1	-0.03612	-238.8 218.0	OPEN 79321 [SHOEM138 138] TO 79322 [SHOEMTAP 138] CKT 1
2497.2	74018 SUGARLF	115 79359 SGRLF69	69.0 1	0.03612	238.3 218.0	OPEN 79304 [N.M.TAP 345] TO 79322 [SHOEMTAP 138] CKT 1
2497.2	74018 SUGARLF	115 79359 SGRLF69	69.0 1	0.03612	238.3 218.0	OPEN 79321 [SHOEM138 138] TO 79322 [SHOEMTAP 138] CKT 1
2798.3	74018 SUGARLF	115 74046 ROCK TV1	115 1	-0.03683	-227.6 218.0	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
2811.9	74018 SUGARLF	115 79359 SGRLF69	69.0 1	0.03683	227.1 218.0	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
2915.5	79313 MONSEY	138 79361 TALLMAN	138 1	-0.04118	-310.3 304.4	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
3404.2	74018 SUGARLF	115 74046 ROCK TV1	115 1	-0.04028	-204.1 218.0	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
3416.8	74018 SUGARLF	115 79359 SGRLF69	69.0 1	0.04027	203.6 218.0	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
3418.2	74316 DUNWODIE	345 75000 SHORE RD	345 1	0.31031	575.3 687.0	BASE CASE
3436.7	74344 PLTVLLEY	345 78701 LEEDS 3	345 2	-0.49934	-1535.1 1724.0	OPEN 74344 [PLTVLLEY 345] TO 78705 [ATHENS 345] CKT 1
3441.3	74403 ASTORIAW	138 74496 HG 5	138 1	0.26516	75.5 177.0	BASE CASE
3463.0	*74018 SUGARLF	115 74046 ROCK TV1	115 1	-0.04410	-200.2 218.0	OPEN 74001 [ROCK TAV 345] TO 74347 [RAMAPO 345] CKT 1
3474.5	*74018 SUGARLF	115 79359 SGRLF69	69.0 1	0.04410	199.7 218.0	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	440.2
75400 COOPC345	345 79304 N.M.TAP 345	1	0.17551	783.9
75400 COOPC345	345 74001 ROCK TAV 345	2	0.16427	688.6
75512 W.WDB115	115 76210 W.WDBR6969.0	1	0.00506	17.6
78742 BLUES-8	115 74043 PL.VAL 1 115	1	0.01253	58.1
78739 BL STR E	115 74043 PL.VAL 1 115	1	0.01466	51.4
78730 ADM	115 74043 PL.VAL 1 115	1	0.01300	50.5
78757 BOC 2T	115 74040 N.CAT. 1 115	2	0.01158	88.1
78701 LEEDS 3	345 74000 HURLEY 3 345	1	0.13044	700.8
78705 ATHENS	345 74344 PLTVLLEY 345	1	0.19282	1035.2
78701 LEEDS 3	345 74344 PLTVLLEY 345	2	0.20262	1074.3
73117 CTNY398	345 74344 PLTVLLEY 345	1	0.07751	-308.9
TOTALS FOR INTERFACE UPNY-S OPEN			1.00000	4679.8

TOTAL TRANS	FROM	TO	CKT	DISTR. FACTOR	PRE-RATING MW	A/C	CONTINGENCY	DESCRIPTION
2090.6	79319 RAMP138	138 79361 TALLMAN	138 1	0.02378	366.0	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	
3471.0	79303 SMAHWAH2	345 5028 WALDWICK	345 1	0.04202	639.8	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	
3684.1	74018 SUGARLF	115 74046 ROCK TV1	115 1	-0.02086	-238.8	218.0	OPEN 79304 [N.M.TAP 345] TO 79322 [SHOEMTAP 138] CKT 1	
3684.1	74018 SUGARLF	115 74046 ROCK TV1	115 1	-0.02086	-238.8	218.0	OPEN 79321 [SHOEM138 138] TO 79322 [SHOEMTAP 138] CKT 1	
3708.3	74018 SUGARLF	115 79359 SGRLF69	69.0 1	0.02086	238.3	218.0	OPEN 79304 [N.M.TAP 345] TO 79322 [SHOEMTAP 138] CKT 1	
3708.3	74018 SUGARLF	115 79359 SGRLF69	69.0 1	0.02086	238.3	218.0	OPEN 79321 [SHOEM138 138] TO 79322 [SHOEMTAP 138] CKT 1	
4229.5	74018 SUGARLF	115 74046 ROCK TV1	115 1	-0.02127	-227.6	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	
4253.1	74018 SUGARLF	115 79359 SGRLF69	69.0 1	0.02127	227.1	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	
4432.4	79313 MONSEY	138 79361 TALLMAN	138 1	-0.02379	-310.3	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	
5278.5	74018 SUGARLF	115 74046 ROCK TV1	115 1	-0.02327	-204.1	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	
5300.2	74018 SUGARLF	115 79359 SGRLF69	69.0 1	0.02326	203.6	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	LIMITING ELEMENT										PRE- RATING			CONTINGENCY DESCRIPTION		
TRANS	FROM	TO	CKT	DISTR.	SHIFT	BAS/CNT										
CAPAB	FROM	TO	CKT	FACTOR	MW	A/C										
5302.7	74316	DUNWODIE 345	75000	SHORE RD 345 1	0.17925	575.3	687.0	BASE	CASE							
5334.7	74344	PLTVLLEY 345	78701	LEEDS 3 345 2	-0.28844	-1535.1	1724.0	OPEN	74344	[PLTVLLEY 345]	TO	78705	[ATHENS 345] CKT 1			
5342.7	74403	ASTORIAW 138	74496	HG 5 138 1	0.15317	75.5	177.0	BASE	CASE							
5380.3	*74018	SUGARLF 115	74046	ROCK TV1 115 1	-0.02548	-200.2	218.0	OPEN	74001	[ROCK TAV 345]	TO	74347	[RAMAPO 345] CKT 1			
5400.1	*74018	SUGARLF 115	79359	SGRLF69 69.0 1	0.02548	199.7	218.0	OPEN	74001	[ROCK TAV 345]	TO	74347	[RAMAPO 345] CKT 1			
5401.5	74403	ASTORIAW 138	74497	HG 6 138 1	0.14519	72.2	177.0	BASE	CASE							
5477.5	74344	PLTVLLEY 345	78705	ATHENS 345 1	-0.28053	-1500.2	1724.0	OPEN	74344	[PLTVLLEY 345]	TO	78701	[LEEDS 3 345] CKT 2			
5478.2	79308	CHESTER 138	79321	SHOEM138 138 1	-0.05340	-261.8	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			
								OPEN	74046	[ROCK TV1 115]	TO	74018	[SUGARLF 115] CKT 1			
5521.7	74344	PLTVLLEY 345	78701	LEEDS 3 345 2	-0.27662	-1491.1	1724.0	OPEN	78705	[ATHENS 345]	TO	74344	[PLTVLLEY 345] CKT 1			
								OPEN	74344	[PLTVLLEY 345]	TO	74341	[MILLWOOD 345] CKT 1			
5528.5	74344	PLTVLLEY 345	78701	LEEDS 3 345 2	-0.27691	-1489.0	1724.0	OPEN	78705	[ATHENS 345]	TO	74344	[PLTVLLEY 345] CKT 1			
								OPEN	74344	[PLTVLLEY 345]	TO	74356	[WOOD B 345] CKT 1			
5676.1	74344	PLTVLLEY 345	78705	ATHENS 345 1	-0.26937	-1455.6	1724.0	OPEN	78701	[LEEDS 3 345]	TO	74344	[PLTVLLEY 345] CKT 2			
								OPEN	74344	[PLTVLLEY 345]	TO	74356	[WOOD B 345] CKT 1			
5775.4	79311	BURNS138 138	79313	MONSEY 138 1	-0.02378	-278.3	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								
5803.1	74435	E179 ST 138	74497	HG 6 138 1	-0.30065	115.7	222.0	BASE	CASE							
5816.7	74403	ASTORIAW 138	74496	HG 5 138 1	0.29414	145.6	480.0	OPEN	74403	[ASTORIAW 138]	TO	74497	[HG 6 138] CKT 1			
5819.2	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			
5819.3	74403	ASTORIAW 138	74497	HG 6 138 1	0.29367	145.4	480.0	OPEN	74403	[ASTORIAW 138]	TO	74496	[HG 5 138] CKT 1			
5916.8	74344	PLTVLLEY 345	78701	LEEDS 3 345 2	-0.27125	-1388.5	1724.0	OPEN	79583	[MARCY T1 345]	TO	75400	[COOPC345 345] CKT 1			
								OPEN	75403	[FRASR345 345]	TO	75400	[COOPC345 345] CKT 1			
5946.5	*74344	PLTVLLEY 345	78701	LEEDS 3 345 2	-0.20262	-1074.3	1331.0	BASE	CASE							
5965.2	79303	SMAHWAH2 345	5028	WALDWICK 345 1	0.03582	543.0	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			
6001.9	74345	RAINEY 345	74691	S. BRONX 345 4	-0.41434	-533.2	1081.0	OPEN	74345	[RAINEY 345]	TO	74691	[S. BRONX 345] CKT 3			
6001.9	74345	RAINEY 345	74691	S. BRONX 345 3	-0.41434	-533.2	1081.0	OPEN	74345	[RAINEY 345]	TO	74691	[S. BRONX 345] CKT 4			
6095.7	79308	CHESTER 138	79323	SGRLF138 138 1	0.05340	228.8	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			
								OPEN	74046	[ROCK TV1 115]	TO	74018	[SUGARLF 115] CKT 1			
6120.1	79308	CHESTER 138	79321	SHOEM138 138 1	-0.04945	-233.2	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			
6190.3	74344	PLTVLLEY 345	78705	ATHENS 345 1	-0.25813	-1334.1	1724.0	OPEN	79583	[MARCY T1 345]	TO	75400	[COOPC345 345] CKT 1			
								OPEN	75403	[FRASR345 345]	TO	75400	[COOPC345 345] CKT 1			
6203.6	74651	REAC72 345	74691	S. BRONX 345 4	0.21099	393.5	715.0	BASE	CASE							
6203.6	74650	REAC71 345	74691	S. BRONX 345 3	0.21099	393.5	715.0	BASE	CASE							
6203.6	74316	DUNWODIE 345	74650	REAC71 345 SR	0.21099	393.5	715.0	BASE	CASE							
6203.6	74316	DUNWODIE 345	74651	REAC72 345 SR	0.21099	393.5	715.0	BASE	CASE							
6214.1	*74344	PLTVLLEY 345	78705	ATHENS 345 1	-0.19282	-1035.2	1331.0	BASE	CASE							
6248.0	74403	ASTORIAW 138	74497	HG 6 138 1	0.29478	17.7	480.0	OPEN	74496	[HG 5 138]	TO	74497	[HG 6 138] 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	1563.4
74026 FISHKILL 115	75762 SYLVN115 115	1	0.00963	134.8
74022 E FISH I 115	74331 FISHKILL 345	1	0.01838	-133.6
74340 LADENTWN 345	74313 BUCH S 345	1	0.13592	354.3
74344 PLTVLLEY 345	74331 FISHKILL 345	1	0.07768	153.3
74344 PLTVLLEY 345	74331 FISHKILL 345	2	0.07768	153.3
74344 PLTVLLEY 345	74341 MILLWOOD 345	1	0.17355	664.7
74344 PLTVLLEY 345	74356 WOOD B 345	1	0.17126	700.9
74347 RAMAPO 345	74312 BUCH N 345	1	0.13558	64.8
TOTALS FOR INTERFACE UPNY-C OPEN			1.00000	3655.7

TOTAL TRANS CAPAB	LIMITING ELEMENT	CKT	DISTR. FACTOR	PRE-RATING SHIFT BAS/CNT	MW	A/C	CONTINGENCY	DESCRIPTION
1064.1	79319 RAMP138 138	79361 TALLMAN 138	1	0.02376	366.0	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	
2445.8	79303 SMAHWAH2 345	5028 WALDWICK 345	1	0.04198	639.8	589.0	REDUCE BUS 79391 [BOW1 20.0] GENERATION BY 100 PERCENT DISPATCH 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	
2659.1	74018 SUGARLF 115	74046 ROCK TV1 115	1	-0.02084	-238.8	218.0	OPEN 79304 [N.M.TAP 345] TO 79322 [SHOEMTAP 138] CKT 1	
2659.1	74018 SUGARLF 115	74046 ROCK TV1 115	1	-0.02084	-238.8	218.0	OPEN 79321 [SHOEM138 138] TO 79322 [SHOEMTAP 138] CKT 1	
2683.3	74018 SUGARLF 115	79359 SGRLF69 69.0	1	0.02084	238.3	218.0	OPEN 79304 [N.M.TAP 345] TO 79322 [SHOEMTAP 138] CKT 1	
2683.3	74018 SUGARLF 115	79359 SGRLF69 69.0	1	0.02084	238.3	218.0	OPEN 79321 [SHOEM138 138] TO 79322 [SHOEMTAP 138] CKT 1	
3205.0	74018 SUGARLF 115	74046 ROCK TV1 115	1	-0.02125	-227.6	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	
3228.7	74018 SUGARLF 115	79359 SGRLF69 69.0	1	0.02125	227.1	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	
3408.1	79313 MONSEY 138	79361 TALLMAN 138	1	-0.02376	-310.3	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	
4255.1	74018 SUGARLF 115	74046 ROCK TV1 115	1	-0.02324	-204.1	218.0	REDUCE BUS 79391 [BOW1 20.0] GENERATION BY 100 PERCENT DISPATCH 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	
4276.8	74018 SUGARLF 115	79359 SGRLF69 69.0	1	0.02324	203.6	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	
4279.3	74316 DUNWODIE 345	75000 SHORE RD 345	1	0.17908	575.3	687.0	BASE CASE	
4311.3	74344 PLTVLLEY 345	78701 LEEDS 3 345	2	-0.28816	-1535.1	1724.0	OPEN 74344 [PLTVLLEY 345] TO 78705 [ATHENS 345] CKT 1	
4319.3	74403 ASTORIAW 138	74496 HG 5 138	1	0.15302	75.5	177.0	BASE CASE	

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

TOTAL TRANS	----->	LIMITING ELEMENT	----->	DISTR.	PRE- RATING	SHIFT	BAS/CNT	----->	CONTINGENCY	DESCRIPTION	----->	
CAPAB	FROM	----->	TO	----->	CKT	FACTOR	MW	A/C	----->			
4356.9	*74018	SUGARLF	115	74046	ROCK TV1	115	1	-0.02545	-200.2	218.0	OPEN	74001 [ROCK TAV 345] TO 74347 [RAMAPO 345] CKT 1
4376.7	*74018	SUGARLF	115	79359	SGRLF69	69.0	1	0.02545	199.7	218.0	OPEN	74001 [ROCK TAV 345] TO 74347 [RAMAPO 345] CKT 1
4378.1	74403	ASTORIAW	138	74497	HG 6	138	1	0.14505	72.2	177.0	BASE	CASE
4454.2	74344	PLTVLLEY	345	78705	ATHENS	345	1	-0.28026	-1500.2	1724.0	OPEN	74344 [PLTVLLEY 345] TO 78701 [LEEDS 3 345] CKT 2
4454.9	79308	CHESTER	138	79321	SHOEM138	138	1	-0.05335	-261.8	304.4	OPEN	74001 [ROCK TAV 345] TO 74046 [ROCK TV1 115] CKT 1
											OPEN	74046 [ROCK TV1 115] TO 74018 [SUGARLF 115] CKT 1
4498.4	74344	PLTVLLEY	345	78701	LEEDS 3	345	2	-0.27636	-1491.1	1724.0	OPEN	78705 [ATHENS 345] TO 74344 [PLTVLLEY 345] CKT 1
											OPEN	74344 [PLTVLLEY 345] TO 74341 [MILLWOOD 345] CKT 1
4505.2	74344	PLTVLLEY	345	78701	LEEDS 3	345	2	-0.27664	-1489.0	1724.0	OPEN	78705 [ATHENS 345] TO 74344 [PLTVLLEY 345] CKT 1
											OPEN	74344 [PLTVLLEY 345] TO 74356 [WOOD B 345] CKT 1
4652.9	74344	PLTVLLEY	345	78705	ATHENS	345	1	-0.26911	-1455.6	1724.0	OPEN	78701 [LEEDS 3 345] TO 74344 [PLTVLLEY 345] CKT 2
											OPEN	74344 [PLTVLLEY 345] TO 74356 [WOOD B 345] CKT 1
4752.4	79311	BURNS138	138	79313	MONSEY	138	1	-0.02376	-278.3	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	
4780.1	74435	E179 ST	138	74497	HG 6	138	1	-0.30036	115.7	222.0	BASE	CASE
4793.8	74403	ASTORIAW	138	74496	HG 5	138	1	0.29386	145.6	480.0	OPEN	74403 [ASTORIAW 138] TO 74497 [HG 6 138] CKT 1
4796.3	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
4796.3	74403	ASTORIAW	138	74497	HG 6	138	1	0.29339	145.4	480.0	OPEN	74403 [ASTORIAW 138] TO 74496 [HG 5 138] CKT 1
4893.9	74344	PLTVLLEY	345	78701	LEEDS 3	345	2	-0.27099	-1388.5	1724.0	OPEN	79583 [MARCY T1 345] TO 75400 [COOPC345 345] CKT 1
											OPEN	75403 [FRASR345 345] TO 75400 [COOPC345 345] CKT 1
4923.6	*74344	PLTVLLEY	345	78701	LEEDS 3	345	2	-0.20242	-1074.3	1331.0	BASE	CASE
4942.3	79303	SMABWAH2	345	5028	WALDWICK	345	1	0.03578	543.0	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
4979.1	74345	RAINEY	345	74691	S. BRONX	345	4	-0.41395	-533.2	1081.0	OPEN	74345 [RAINEY 345] TO 74691 [S. BRONX 345] CKT 3
4979.1	74345	RAINEY	345	74691	S. BRONX	345	3	-0.41395	-533.2	1081.0	OPEN	74345 [RAINEY 345] TO 74691 [S. BRONX 345] CKT 4
5073.0	79308	CHESTER	138	79323	SGRLF138	138	1	0.05335	228.8	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
											OPEN	74046 [ROCK TV1 115] TO 74018 [SUGARLF 115] CKT 1
5097.4	79308	CHESTER	138	79321	SHOEM138	138	1	-0.04941	-233.2	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
5167.7	74344	PLTVLLEY	345	78705	ATHENS	345	1	-0.25788	-1334.1	1724.0	OPEN	79583 [MARCY T1 345] TO 75400 [COOPC345 345] CKT 1
											OPEN	75403 [FRASR345 345] TO 75400 [COOPC345 345] CKT 1
5181.0	74651	REAC72	345	74691	S. BRONX	345	4	0.21079	393.5	715.0	BASE	CASE
5181.0	74650	REAC71	345	74691	S. BRONX	345	3	0.21079	393.5	715.0	BASE	CASE
5181.0	74316	DUNWODIE	345	74650	REAC71	345	SR	0.21079	393.5	715.0	BASE	CASE
5181.0	74316	DUNWODIE	345	74651	REAC72	345	SR	0.21079	393.5	715.0	BASE	CASE
5191.5	*74344	PLTVLLEY	345	78705	ATHENS	345	1	-0.19263	-1035.2	1331.0	BASE	CASE
5225.4	74403	ASTORIAW	138	74497	HG 6	138	1	0.29450	17.7	480.0	OPEN	74496 [HG 5 138] TO 74497 [HG 6 138] CKT 1
5271.7	79308	CHESTER	138	79321	SHOEM138	138	1	-0.04913	-225.0	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	LIMITING ELEMENT						DISTR.	PRE- RATING		CONTINGENCY DESCRIPTION			
TRANS	FROM	TO	CKT	FACTOR	MW	A/C	SHIFT	BAS/CNT					
CAPAB	----->	----->	----->	----->									
5323.7	79308 CHESTER	138 79321 SHOEM138	138 1	-0.04566	-228.2	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		
5329.0	*79308 CHESTER	138 79321 SHOEM138	138 1	-0.04865	-223.0	304.4	OPEN	74001 [ROCK TAV 345]	TO	74347 [RAMAPO 345]	CKT 1		
5374.5	74435 E179 ST	138 74497 HG 6	138 1	-0.30043	36.4	480.0	OPEN	74348 [SPRBROOK 345]	TO	74351 [TREMONT 345]	CKT 1		
							OPEN	74348 [SPRBROOK 345]	TO	74419 [DUN NO T 138]	CKT 6		
5384.0	74435 E179 ST	138 74497 HG 6	138 1	-0.30042	39.2	480.0	OPEN	74348 [SPRBROOK 345]	TO	74351 [TREMONT 345]	CKT 1		
							OPEN	74348 [SPRBROOK 345]	TO	74423 [DUN SO T 138]	CKT 7		
5407.0	74435 E179 ST	138 74497 HG 6	138 1	-0.30171	48.4	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		
5413.5	74348 SPRBROOK	345 74567 REACM51	345 SR	0.19962	423.1	774.0	BASE	CASE					
5413.5	74348 SPRBROOK	345 74568 REACM52	345 SR	0.19962	423.1	774.0	BASE	CASE					
5420.3	74354 W 49 ST	345 74568 REACM52	345 2	-0.19962	-421.8	774.0	BASE	CASE					
5420.3	74354 W 49 ST	345 74567 REACM51	345 1	-0.19962	-421.8	774.0	BASE	CASE					
5443.6	*74435 E179 ST	138 74497 HG 6	138 1	-0.30036	57.0	480.0	OPEN	74348 [SPRBROOK 345]	TO	74351 [TREMONT 345]	CKT 1		
5446.2	74384 ASTE-ERG	138 74495 HG 4	138 1	-0.15010	107.8	161.0	BASE	CASE					
5458.2	74402 ASTE-WRG	138 74492 HG 1	138 1	-0.14998	109.3	161.0	BASE	CASE					
5510.7	74002 ROSETON	345 74331 FISHKILL	345 1	0.20033	1563.4	1935.0	BASE	CASE					
5630.8	74345 RAINEY	345 74612 8W DUM	138 8	0.30032	-280.1	313.0	OPEN	74530 [RAINEY8E 138]	TO	74611 [8E DUM 138]	CKT 1		
5631.3	74345 RAINEY	345 74612 8W DUM	138 8	0.30032	-280.3	313.0	OPEN	74530 [RAINEY8E 138]	TO	74556 [VERNON-E 138]	CKT 1		
5648.2	74345 RAINEY	345 74612 8W DUM	138 8	0.22376	-205.8	240.0	BASE	CASE					
5689.2	74345 RAINEY	345 74612 8W DUM	138 8	0.30032	-297.7	313.0	OPEN	74345 [RAINEY 345]	TO	74611 [8E DUM 138]	CKT 8		
5696.0	79304 N.M.TAP	345 75400 COOPC345	345 1	-0.27948	-1222.8	1793.0	OPEN	74001 [ROCK TAV 345]	TO	75400 [COOPC345 345]	CKT 2		
							OPEN	75400 [COOPC345 345]	TO	75440 [COOPC115 115]	CKT 1		
5696.8	79304 N.M.TAP	345 79322 SHOEMTAP	138 1	0.06667	530.9	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		
5698.0	79302 SMAHWAH1	345 5028 WALDWICK	345 1	0.04640	507.2	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		
5707.7	79304 N.M.TAP	345 75400 COOPC345	345 1	-0.27926	-1220.0	1793.0	OPEN	74001 [ROCK TAV 345]	TO	75400 [COOPC345 345]	CKT 2		
5726.3	74001 ROCK TAV	345 74347 RAMAPO	345 1	0.30902	1529.2	2169.0	OPEN	74331 [FISHKILL 345]	TO	74022 [E FISH I 115]	CKT 1		
							OPEN	74331 [FISHKILL 345]	TO	74002 [ROSETON 345]	CKT 1		
5745.2	74001 ROCK TAV	345 74347 RAMAPO	345 1	0.30372	1534.4	2169.0	OPEN	74002 [ROSETON 345]	TO	74331 [FISHKILL 345]	CKT 1		
5760.0	74345 RAINEY	345 74691 S. BRONX	345 4	-0.21077	-271.5	715.0	BASE	CASE					
5760.0	74345 RAINEY	345 74691 S. BRONX	345 3	-0.21077	-271.5	715.0	BASE	CASE					
5764.7	79308 CHESTER	138 79323 SGRLF138	138 1	0.04941	200.2	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		
5765.4	*74345 RAINEY	345 74612 8W DUM	138 8	0.22376	-159.0	313.0	OPEN	74612 [8W DUM 138]	TO	74728 [RYYGT81113.8]	CKT 1		
5900.6	74001 ROCK TAV	345 75400 COOPC345	345 2	-0.26088	-1207.4	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		
5911.8	74345 RAINEY	345 74611 8E DUM	138 8	0.30293	-324.4	359.0	OPEN	74531 [RAINEY8W 138]	TO	74612 [8W DUM 138]	CKT 1		
5912.2	74345 RAINEY	345 74611 8E DUM	138 8	0.30292	-324.5	359.0	OPEN	74531 [RAINEY8W 138]	TO	74557 [VERNON-W 138]	CKT 1		
5916.1	74001 ROCK TAV	345 75400 COOPC345	345 2	-0.27307	-1175.7	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	886.4
74331 FISHKILL 345	74342 PL VILLE 345	1	0.18770	810.5
74341 MILLWOOD 345	74318 E VIEW2 345	1	0.16988	866.0
74341 MILLWOOD 345	74319 E VIEW3 345	1	0.16059	823.5
74341 MILLWOOD 345	74320 E VIEW4 345	1	0.16059	823.5
74355 WOOD A 345	74343 PL VILLW 345	1	0.18836	755.5
4989 HUDSON1 345	74328 FARRGUT1 345	1	0.00000	400.6
5039 HUDSON2 345	74329 FARRGUT2 345	1	0.00000	400.6
4996 LINDEN 230	74371 GOETHALS 230	1	0.00000	200.4
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	6396.5

TOTAL TRANS CAPAB	LIMITING ELEMENT	DISTR. FACTOR	PRE-SHIFT MW	RATING BAS/CNT A/C	CONTINGENCY DESCRIPTION
3804.9	79319 RAMP138 138 79361 TALLMAN 138 1	0.02376	366.0	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
5186.6	79303 SMAHWAH2 345 5028 WALDWICK 345 1	0.04198	639.8	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
5399.9	74018 SUGARLF 115 74046 ROCK TV1 115 1	-0.02084	-238.8	218.0	OPEN 79304 [N.M.TAP 345] TO 79322 [SHOEMTAP 138] CKT 1
5399.9	74018 SUGARLF 115 74046 ROCK TV1 115 1	-0.02084	-238.8	218.0	OPEN 79321 [SHOEM138 138] TO 79322 [SHOEMTAP 138] CKT 1
5424.1	74018 SUGARLF 115 79359 SGRLF69 69.0 1	0.02084	238.3	218.0	OPEN 79304 [N.M.TAP 345] TO 79322 [SHOEMTAP 138] CKT 1
5424.1	74018 SUGARLF 115 79359 SGRLF69 69.0 1	0.02084	238.3	218.0	OPEN 79321 [SHOEM138 138] TO 79322 [SHOEMTAP 138] CKT 1
5945.7	74018 SUGARLF 115 74046 ROCK TV1 115 1	-0.02125	-227.6	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
5969.4	74018 SUGARLF 115 79359 SGRLF69 69.0 1	0.02125	227.1	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
6148.9	79313 MONSEY 138 79361 TALLMAN 138 1	-0.02376	-310.3	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
6995.8	74018 SUGARLF 115 74046 ROCK TV1 115 1	-0.02324	-204.1	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
7017.5	74018 SUGARLF 115 79359 SGRLF69 69.0 1	0.02324	203.6	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
7020.0	74316 DUNWODIE 345 75000 SHORE RD 345 1	0.17909	575.3	687.0	BASE CASE

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

TOTAL	LIMITING ELEMENT						DISTR.	PRE- RATING		CONTINGENCY DESCRIPTION			
TRANS	FROM	TO	CTKT	FACTOR	MW	A/C	SHIFT	BAS/CNT					
CAPAB	FROM	TO	CTKT	FACTOR	MW	A/C	SHIFT	BAS/CNT					
7052.0	74344	PLTVLLEY 345	78701	LEEDS 3 345 2	-0.28817	-1535.1	1724.0	OPEN	74344	[PLTVLLEY 345]	TO	78705	[ATHENS 345] CKT 1
7060.0	74403	ASTORIAW 138	74496	HG 5 138 1	0.15303	75.5	177.0	BASE	CASE				
7097.6	*74018	SUGARLF 115	74046	ROCK TV1 115 1	-0.02545	-200.2	218.0	OPEN	74001	[ROCK TAV 345]	TO	74347	[RAMAPO 345] CKT 1
7117.4	*74018	SUGARLF 115	79359	SGRLF69 69.0 1	0.02545	199.7	218.0	OPEN	74001	[ROCK TAV 345]	TO	74347	[RAMAPO 345] CKT 1
7118.8	74403	ASTORIAW 138	74497	HG 6 138 1	0.14506	72.2	177.0	BASE	CASE				
7194.9	74344	PLTVLLEY 345	78705	ATHENS 345 1	-0.28027	-1500.2	1724.0	OPEN	74344	[PLTVLLEY 345]	TO	78701	[LEEDS 3 345] CKT 2
7195.6	79308	CHESTER 138	79321	SHOEM138 138 1	-0.05335	-261.8	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
								OPEN	74046	[ROCK TV1 115]	TO	74018	[SUGARLF 115] CKT 1
7239.1	74344	PLTVLLEY 345	78701	LEEDS 3 345 2	-0.27637	-1491.1	1724.0	OPEN	78705	[ATHENS 345]	TO	74344	[PLTVLLEY 345] CKT 1
								OPEN	74344	[PLTVLLEY 345]	TO	74341	[MILLWOOD 345] CKT 1
7245.9	74344	PLTVLLEY 345	78701	LEEDS 3 345 2	-0.27665	-1489.0	1724.0	OPEN	78705	[ATHENS 345]	TO	74344	[PLTVLLEY 345] CKT 1
								OPEN	74344	[PLTVLLEY 345]	TO	74356	[WOOD B 345] CKT 1
7393.6	74344	PLTVLLEY 345	78705	ATHENS 345 1	-0.26912	-1455.6	1724.0	OPEN	78701	[LEEDS 3 345]	TO	74344	[PLTVLLEY 345] CKT 2
								OPEN	74344	[PLTVLLEY 345]	TO	74356	[WOOD B 345] CKT 1
7493.1	79311	BURNS138 138	79313	MONSEY 138 1	-0.02376	-278.3	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	[BOWL 20.0]	TO	74310	[BOWLINE1 345] CKT 1
								REDUCE BUS	79391	[BOWL 20.0]	GENERATION BY 100 PERCENT DISPATCH		
7520.8	74435	E179 ST 138	74497	HG 6 138 1	-0.30037	115.7	222.0	BASE	CASE				
7534.4	74403	ASTORIAW 138	74496	HG 5 138 1	0.29387	145.6	480.0	OPEN	74403	[ASTORIAW 138]	TO	74497	[HG 6 138] CKT 1
7537.0	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
7537.0	74403	ASTORIAW 138	74497	HG 6 138 1	0.29340	145.4	480.0	OPEN	74403	[ASTORIAW 138]	TO	74496	[HG 5 138] CKT 1
7634.6	74344	PLTVLLEY 345	78701	LEEDS 3 345 2	-0.27100	-1388.5	1724.0	OPEN	79583	[MARCY T1 345]	TO	75400	[COOPC345 345] CKT 1
								OPEN	75403	[FRASR345 345]	TO	75400	[COOPC345 345] CKT 1
7664.3	*74344	PLTVLLEY 345	78701	LEEDS 3 345 2	-0.20243	-1074.3	1331.0	BASE	CASE				
7683.0	79303	SMAHWAH2 345	5028	WALDWICK 345 1	0.03578	543.0	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
7719.8	74345	RAINEY 345	74691	S. BRONX 345 4	-0.41396	-533.2	1081.0	OPEN	74345	[RAINEY 345]	TO	74691	[S. BRONX 345] CKT 3
7719.8	74345	RAINEY 345	74691	S. BRONX 345 3	-0.41396	-533.2	1081.0	OPEN	74345	[RAINEY 345]	TO	74691	[S. BRONX 345] CKT 4
7813.7	79308	CHESTER 138	79323	SGRLF138 138 1	0.05335	228.8	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
								OPEN	74046	[ROCK TV1 115]	TO	74018	[SUGARLF 115] CKT 1
7838.1	79308	CHESTER 138	79321	SHOEM138 138 1	-0.04941	-233.2	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
7908.4	74344	PLTVLLEY 345	78705	ATHENS 345 1	-0.25789	-1334.1	1724.0	OPEN	79583	[MARCY T1 345]	TO	75400	[COOPC345 345] CKT 1
								OPEN	75403	[FRASR345 345]	TO	75400	[COOPC345 345] CKT 1
7921.6	74651	REAC72 345	74691	S. BRONX 345 4	0.21079	393.5	715.0	BASE	CASE				
7921.6	74650	REAC71 345	74691	S. BRONX 345 3	0.21079	393.5	715.0	BASE	CASE				
7921.7	74316	DUNWODIE 345	74650	REAC71 345 SR	0.21079	393.5	715.0	BASE	CASE				
7921.7	74316	DUNWODIE 345	74651	REAC72 345 SR	0.21079	393.5	715.0	BASE	CASE				
7932.2	*74344	PLTVLLEY 345	78705	ATHENS 345 1	-0.19264	-1035.2	1331.0	BASE	CASE				
7966.1	74403	ASTORIAW 138	74497	HG 6 138 1	0.29451	17.7	480.0	OPEN	74496	[HG 5 138]	TO	74497	[HG 6 138] CKT 1

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

TOTAL TRANS CAPAB	-----> LIMITING ELEMENT FROM TO<-----	DISTR. FACTOR	PRE- RATING SHIFT BAS/CNT MW A/C	CONTINGENCY	DESCRIPTION
8012.4	79308 CHESTER 138 79321 SHOEM138 138 1	-0.04913	-225.0 304.4	OPEN 74001 [ROCK TAV 345] TO 75400 [COOPC345 345] CKT 2	
				OPEN 74001 [ROCK TAV 345] TO 74347 [RAMAPO 345] CKT 1	
8064.4	79308 CHESTER 138 79321 SHOEM138 138 1	-0.04566	-228.2 304.4	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	
8069.7	*79308 CHESTER 138 79321 SHOEM138 138 1	-0.04865	-223.0 304.4	OPEN 74001 [ROCK TAV 345] TO 74347 [RAMAPO 345] CKT 1	
8115.2	74435 E179 ST 138 74497 HG 6 138 1	-0.30044	36.4 480.0	OPEN 74348 [SPRBROOK 345] TO 74351 [TREMONT 345] CKT 1	
				OPEN 74348 [SPRBROOK 345] TO 74419 [DUN NO T 138] CKT 6	
8124.7	74435 E179 ST 138 74497 HG 6 138 1	-0.30043	39.2 480.0	OPEN 74348 [SPRBROOK 345] TO 74351 [TREMONT 345] CKT 1	
				OPEN 74348 [SPRBROOK 345] TO 74423 [DUN SO T 138] CKT 7	
8147.6	74435 E179 ST 138 74497 HG 6 138 1	-0.30172	48.4 480.0	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	
8154.1	74348 SPRBROOK 345 74567 REACM51 345 SR	0.19963	423.1 774.0	BASE CASE	
8154.1	74348 SPRBROOK 345 74568 REACM52 345 SR	0.19963	423.1 774.0	BASE CASE	
8160.9	74354 W 49 ST 345 74568 REACM52 345 2	-0.19963	-421.8 774.0	BASE CASE	
8160.9	74354 W 49 ST 345 74567 REACM51 345 1	-0.19963	-421.8 774.0	BASE CASE	
8184.3	*74435 E179 ST 138 74497 HG 6 138 1	-0.30037	57.0 480.0	OPEN 74348 [SPRBROOK 345] TO 74351 [TREMONT 345] CKT 1	
8186.9	74384 ASTE-ERG 138 74495 HG 4 138 1	-0.15011	107.8 161.0	BASE CASE	
8198.8	74402 ASTE-WRG 138 74492 HG 1 138 1	-0.14999	109.3 161.0	BASE CASE	
8251.3	74002 ROSETON 345 74331 FISHKILL 345 1	0.20033	1563.4 1935.0	BASE CASE	
8371.4	74345 RAINEY 345 74612 8W DUM 138 8	0.30033	-280.1 313.0	OPEN 74530 [RAINEY8E 138] TO 74611 [8E DUM 138] CKT 1	
8372.0	74345 RAINEY 345 74612 8W DUM 138 8	0.30033	-280.3 313.0	OPEN 74530 [RAINEY8E 138] TO 74556 [VERNON-E 138] CKT 1	
8388.9	74345 RAINEY 345 74612 8W DUM 138 8	0.22376	-205.8 240.0	BASE CASE	
8429.9	74345 RAINEY 345 74612 8W DUM 138 8	0.30033	-297.7 313.0	OPEN 74345 [RAINEY 345] TO 74611 [8E DUM 138] CKT 8	
8436.7	79304 N.M.TAP 345 75400 COOPC345 345 1	-0.27949	-1222.8 1793.0	OPEN 74001 [ROCK TAV 345] TO 75400 [COOPC345 345] CKT 2	
				OPEN 75400 [COOPC345 345] TO 75440 [COOPC115 115] CKT 1	
8437.5	79304 N.M.TAP 345 79322 SHOEMTAP 138 1	0.06667	530.9 667.0	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	
8438.7	79302 SMAHWAH1 345 5028 WALDWICK 345 1	0.04641	507.2 602.0	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	
8448.4	79304 N.M.TAP 345 75400 COOPC345 345 1	-0.27927	-1220.0 1793.0	OPEN 74001 [ROCK TAV 345] TO 75400 [COOPC345 345] CKT 2	
8466.9	74001 ROCK TAV 345 74347 RAMAPO 345 1	0.30903	1529.2 2169.0	OPEN 74331 [FISHKILL 345] TO 74022 [E FISH I 115] CKT 1	
				OPEN 74331 [FISHKILL 345] TO 74002 [ROSETON 345] CKT 1	
8485.8	74001 ROCK TAV 345 74347 RAMAPO 345 1	0.30373	1534.4 2169.0	OPEN 74002 [ROSETON 345] TO 74331 [FISHKILL 345] CKT 1	
8500.7	74345 RAINEY 345 74691 S. BRONX 345 4	-0.21077	-271.5 715.0	BASE CASE	
8500.7	74345 RAINEY 345 74691 S. BRONX 345 3	-0.21077	-271.5 715.0	BASE CASE	
8505.4	79308 CHESTER 138 79323 SGRLF138 138 1	0.04941	200.2 304.4	OPEN 74001 [ROCK TAV 345] TO 74347 [RAMAPO 345] CKT 1	
				OPEN 74001 [ROCK TAV 345] TO 74046 [ROCK TV1 115] CKT 1	
8506.0	*74345 RAINEY 345 74612 8W DUM 138 8	0.22376	-159.0 313.0	OPEN 74612 [8W DUM 138] TO 74728 [RYYGT81113.8] CKT 1	
8641.3	74001 ROCK TAV 345 75400 COOPC345 345 2	-0.26088	-1207.4 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	
8652.5	74345 RAINEY 345 74611 8E DUM 138 8	0.30293	-324.4 359.0	OPEN 74531 [RAINEY8W 138] TO 74612 [8W DUM 138] CKT 1	
8652.8	74345 RAINEY 345 74611 8E DUM 138 8	0.30293	-324.5 359.0	OPEN 74531 [RAINEY8W 138] TO 74557 [VERNON-W 138] 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\contdsl.con

	PRE-SHIFT	DELTA	POST-SHIFT
STUDY SYSTEM MW GENERATION:	717.4	1000.0	1717.4
OPPOSING SYSTEM MW GENERATION:	3127.0	-1000.0	2127.0
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	341.0	201.0 -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	214.0	154.0 -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 ----->								
FROM	TO	CKT	TOTAL	PRE-	POST-	LIMIT							
FROM	TO	CKT	TRANS	RATING	SHIFT	SHIFT	CASE	DISTR.					
FROM	TO	CKT	CAPAB	A	MW	MW	MW	FACTOR					
74650	REAC71	345	74691	S. BRONX	345	3	2071.2	715	393.5	628.0	715.0*	0.23447	
74651	REAC72	345	74691	S. BRONX	345	4	2071.2	715	393.5	628.0	715.0*	0.23447	
74316	DUNWODIE	345	74650	REAC71	345	SR	2071.2	715	393.5	628.0	715.0	0.23447	
74316	DUNWODIE	345	74651	REAC72	345	SR	2071.2	715	393.5	628.0	715.0	0.23447	
74316	DUNWODIE	345	75000	SHORE RD	345	1	2111.3	687	575.3	654.5	683.8	0.07913	
74348	SPRBROOK	345	74568	REACM52	345	SR	2254.3	774	423.1	648.9	732.7	0.22575	
74348	SPRBROOK	345	74567	REACM51	345	SR	2254.3	774	423.1	648.9	732.7	0.22575	
74354	W 49 ST	345	74568	REACM52	345	2	2260.3	774	-421.8	-647.5	-731.3	-0.22575	
74354	W 49 ST	345	74567	REACM51	345	1	2260.3	774	-421.8	-647.5	-731.3	-0.22575	
74345	RAINEY	345	74691	S. BRONX	345	3	2591.8	715	-271.5	-505.9	-592.9	-0.23445	
74345	RAINEY	345	74691	S. BRONX	345	4	2591.8	715	-271.5	-505.9	-592.9	-0.23445	
	INTERFACE I TO J						2631.3	4026	2248.4	3168.9	3510.5	0.92045	
	INTERFACE DUNW-SOUTH P						2658.6	5421	3463.3	4462.9	4833.9	0.99958	
	INTERFACE DUNW-SOUTH O						2891.1	4554	2537.2	3457.7	3799.3	0.92045	
74484	GRENWOOD	138	74504	KENTTAP	138	1	4104.3	179	-76.6	-106.7	-117.8	-0.03009	
74484	GRENWOOD	138	74556	VERNON-E	138	1	4176.3	179	-74.9	-104.9	-116.0	-0.02994	
74322	E15ST	45	345	74354	W 49 ST	345	1	4929.9	774	184.1	-42.4	-126.5	-0.22651
74323	E15ST	46	345	74354	W 49 ST	345	1	4945.3	774	180.4	-44.4	-127.9	-0.22481

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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	575.3
74348 SPRBROOK 345	74351 TREMONT 345	1	0.00000	358.6
74349 REACBUS 345	79607 DVNPT NK 345	1	0.00000	639.6
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	393.5
74651 REAC72 345	74691 S. BRONX 345	4	0.23457	393.5
74567 REACM51 345	74354 W 49 ST 345	1	0.22585	421.8
74568 REACM52 345	74354 W 49 ST 345	2	0.22585	421.8
TOTALS FOR INTERFACE DUNW-SOUTH P			1.00000	3463.3

TOTAL TRANS CAPAB	LIMITING ELEMENT	CKT	DISTR. FACTOR	PRE-SHIFT MW	RATING BAS/CNT	CONTINGENCY DESCRIPTION
4833.9	74650 REAC71 345 74691 S. BRONX 345 3	3	0.23457	393.5	715.0	BASE CASE
4833.9	74651 REAC72 345 74691 S. BRONX 345 4	4	0.23457	393.5	715.0	BASE CASE
4833.9	74316 DUNWODIE 345 74651 REAC72 345 SR	SR	0.23457	393.5	715.0	BASE CASE
4833.9	74316 DUNWODIE 345 74650 REAC71 345 SR	SR	0.23457	393.5	715.0	BASE CASE
4873.9	74316 DUNWODIE 345 75000 SHORE RD 345 1	1	0.07916	575.3	687.0	BASE CASE
5016.9	74348 SPRBROOK 345 74568 REACM52 345 SR	SR	0.22585	423.1	774.0	BASE CASE
5016.9	74348 SPRBROOK 345 74567 REACM51 345 SR	SR	0.22585	423.1	774.0	BASE CASE
5022.9	74354 W 49 ST 345 74567 REACM51 345 1	1	-0.22585	-421.8	774.0	BASE CASE
5022.9	74354 W 49 ST 345 74568 REACM52 345 2	2	-0.22585	-421.8	774.0	BASE CASE
5354.3	74345 RAINY 345 74691 S. BRONX 345 4	4	-0.23455	-271.5	715.0	BASE CASE
5354.3	74345 RAINY 345 74691 S. BRONX 345 3	3	-0.23455	-271.5	715.0	BASE CASE
5393.7	INTERFACE I TO J		0.92084	2248.4	4026.0	BASE CASE
5421.0	INTERFACE DUNW-SOUTH P		1.00000	3463.3	5421.0	BASE CASE
5630.5	74316 DUNWODIE 345 74650 REAC71 345 SR	SR	0.27795	478.6	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
5630.5	74316 DUNWODIE 345 74651 REAC72 345 SR	SR	0.27795	478.6	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
5630.5	74316 DUNWODIE 345 74650 REAC71 345 SR	SR	0.27795	478.6	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
5630.5	74316 DUNWODIE 345 74651 REAC72 345 SR	SR	0.27795	478.6	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
5630.5	74651 REAC72 345 74691 S. BRONX 345 4	4	0.27794	478.6	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
5630.5	74650 REAC71 345 74691 S. BRONX 345 3	3	0.27794	478.6	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

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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	358.6
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	393.5
74651 REAC72 345	74691 S. BRONX 345	4	0.25474	393.5
74567 REACM51 345	74354 W 49 ST 345	1	0.24526	421.8
74568 REACM52 345	74354 W 49 ST 345	2	0.24526	421.8
75047 L SUCSPH 138	74505 JAMAICA 138	1	0.00000	147.4
75067 V STRM P 138	74505 JAMAICA 138	1	0.00000	141.4
TOTALS FOR INTERFACE DUNW-SOUTH O			1.00000	2537.2

TOTAL TRANS CAPAB	LIMITING ELEMENT	CKT	DISTR. FACTOR	PRE-SHIFT MW	RATING BAS/CNT	CONTINGENCY DESCRIPTION
3799.3	74650 REAC71 345	74691 S. BRONX 345	3	0.25474	393.5	715.0 BASE CASE
3799.3	74651 REAC72 345	74691 S. BRONX 345	4	0.25474	393.5	715.0 BASE CASE
3799.3	74316 DUNWODIE 345	74651 REAC72 345	SR	0.25474	393.5	715.0 BASE CASE
3799.3	74316 DUNWODIE 345	74650 REAC71 345	SR	0.25474	393.5	715.0 BASE CASE
3836.2	74316 DUNWODIE 345	75000 SHORE RD 345	1	0.08597	575.3	687.0 BASE CASE
3967.9	74348 SPRBROOK 345	74568 REACM52 345	SR	0.24526	423.1	774.0 BASE CASE
3967.9	74348 SPRBROOK 345	74567 REACM51 345	SR	0.24526	423.1	774.0 BASE CASE
3973.4	74354 W 49 ST 345	74567 REACM51 345	1	-0.24526	-421.8	774.0 BASE CASE
3973.4	74354 W 49 ST 345	74568 REACM52 345	2	-0.24526	-421.8	774.0 BASE CASE
4278.5	74345 RAINY 345	74691 S. BRONX 345	4	-0.25471	-271.5	715.0 BASE CASE
4278.5	74345 RAINY 345	74691 S. BRONX 345	3	-0.25471	-271.5	715.0 BASE CASE
4314.8	INTERFACE I TO J			1.00000	2248.4	4026.0 BASE CASE
4340.0	INTERFACE DUNW-SOUTH P			1.08596	3463.3	5421.0 BASE CASE
4532.9	74316 DUNWODIE 345	74650 REAC71 345	SR	0.30184	478.6	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
4532.9	74316 DUNWODIE 345	74651 REAC72 345	SR	0.30184	478.6	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
4532.9	74316 DUNWODIE 345	74650 REAC71 345	SR	0.30184	478.6	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
4532.9	74316 DUNWODIE 345	74651 REAC72 345	SR	0.30184	478.6	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
4532.9	74651 REAC72 345	74691 S. BRONX 345	4	0.30183	478.6	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
4532.9	74650 REAC71 345	74691 S. BRONX 345	3	0.30183	478.6	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

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

-< INTERFACE 'I TO J		' DEFINITION ->		PRE-	
FROM	TO	CKT	DISTR.	SHIFT	MW
74348 SPRBROOK	345 74351 TREMONT	345 1	0.00000	358.6	
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	393.5	
74651 REAC72	345 74691 S. BRONX	345 4	0.25474	393.5	
74567 REACM51	345 74354 W 49 ST	345 1	0.24526	421.8	
74568 REACM52	345 74354 W 49 ST	345 2	0.24526	421.8	
TOTALS FOR INTERFACE I TO J			1.00000	2248.4	

TOTAL TRANS	LIMITING ELEMENT		CKT	DISTR.	PRE- RATING	CONTINGENCY DESCRIPTION	
CAPAB	FROM	TO		FACTOR	MW	A/C	
3510.5	74650 REAC71	345 74691 S. BRONX	345 3	0.25474	393.5	715.0	BASE CASE
3510.5	74651 REAC72	345 74691 S. BRONX	345 4	0.25474	393.5	715.0	BASE CASE
3510.5	74316 DUNWODIE	345 74651 REAC72	345 SR	0.25474	393.5	715.0	BASE CASE
3510.5	74316 DUNWODIE	345 74650 REAC71	345 SR	0.25474	393.5	715.0	BASE CASE
3547.4	74316 DUNWODIE	345 75000 SHORE RD	345 1	0.08597	575.3	687.0	BASE CASE
3679.1	74348 SPRBROOK	345 74568 REACM52	345 SR	0.24526	423.1	774.0	BASE CASE
3679.1	74348 SPRBROOK	345 74567 REACM51	345 SR	0.24526	423.1	774.0	BASE CASE
3684.6	74354 W 49 ST	345 74567 REACM51	345 1	-0.24526	-421.8	774.0	BASE CASE
3684.6	74354 W 49 ST	345 74568 REACM52	345 2	-0.24526	-421.8	774.0	BASE CASE
3989.7	74345 RAINEY	345 74691 S. BRONX	345 4	-0.25471	-271.5	715.0	BASE CASE
3989.7	74345 RAINEY	345 74691 S. BRONX	345 3	-0.25471	-271.5	715.0	BASE CASE
4026.0	INTERFACE I TO J			1.00000	2248.4	4026.0	BASE CASE
4051.1	INTERFACE DUNW-SOUTH P			1.08596	3463.3	5421.0	BASE CASE
4244.0	74316 DUNWODIE	345 74650 REAC71	345 SR	0.30184	478.6	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
4244.0	74316 DUNWODIE	345 74651 REAC72	345 SR	0.30184	478.6	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
4244.0	74316 DUNWODIE	345 74650 REAC71	345 SR	0.30184	478.6	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
4244.0	74316 DUNWODIE	345 74651 REAC72	345 SR	0.30184	478.6	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
4244.1	74651 REAC72	345 74691 S. BRONX	345 4	0.30183	478.6	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
4244.1	74650 REAC71	345 74691 S. BRONX	345 3	0.30183	478.6	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
4244.1	74650 REAC71	345 74691 S. BRONX	345 3	0.30183	478.6	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 LI IMPORT ***

<- INTERFACE 'LI IMPORT' DEFINITION ->

FROM	TO	CKT	DISTR. FACTOR	PRE-SHIFT MW
74316 DUNWODIE 345	75000 SHORE RD 345	1	1.00000	574.9
79607 DVNPT NK 345	75004 HMP HRBR 345	1	0.00000	637.8
74505 JAMAICA 138	75047 L SUCSPH 138	1	0.00000	-146.4
74505 JAMAICA 138	75067 V STRM P 138	1	0.00000	-140.6
73166 NORHR138 138	75053 NRTHPT P 138	1	0.00000	99.3
75078 SHMHVDCL 192	75062 SHOREHAM 138	1	0.00000	329.5
74959 NEPTCONV 345	74958 NWBRG 345	1	0.00000	596.9
TOTALS FOR INTERFACE LI IMPORT			1.00000	1951.5

TOTAL TRANS CAPAB	LIMITING ELEMENT	DISTR. FACTOR	PRE-SHIFT MW	RATING BAS/CNT A/C	CONTINGENCY DESCRIPTION
1806.9	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
1806.9	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
1957.1	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
1957.1	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
2063.5	75000 SHORE RD 345 74316 DUNWODIE 345 1	-1.00000	-574.9	687.0	BASE CASE
2560.0	75000 SHORE RD 345 74316 DUNWODIE 345 1	-1.00000	-903.4	1512.0	OPEN 79607 [DVNPT NK 345] TO 75004 [HMP HRBR 345] CKT 1
2592.7	74557 VERNON-W 138 74707 RAV 1 20.0 1	-0.08878	-202.1	259.0	BASE CASE
2746.0	INTERFACE LI IMPORT	1.00000	1951.5	2746.0	BASE CASE
2774.0	75000 SHORE RD 345 74316 DUNWODIE 345 1	-1.00000	-689.4	1512.0	OPEN 75038 [E.G.C. 138] TO 75002 [E.G.C.-1 345] CKT 1
2774.3	75000 SHORE RD 345 74316 DUNWODIE 345 1	-1.00000	-689.2	1512.0	OPEN 75074 [E.G.C.-2 138] TO 75003 [E.G.C.-2 345] CKT 1
2775.0	*75000 SHORE RD 345 74316 DUNWODIE 345 1	-0.99905	-689.2	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
2817.2	74556 VERNON-E 138 74707 RAV 1 20.0 2	-0.08785	-182.9	259.0	BASE CASE
2922.7	75030 GLNWD NO 138 75163 GLNWD NO69.0 1	0.05905	60.7	118.0	BASE CASE
2925.7	INTERFACE CE/LI TIES	1.00000	925.7	1900.0	BASE CASE
2945.0	75031 GLNWD SO 138 75164 GLNWD SO69.0 1	0.04950	68.8	118.0	BASE CASE
2995.1	75030 GLNWD NO 138 75163 GLNWD NO69.0 1	0.09248	68.5	165.0	OPEN 75031 [GLNWD SO 138] TO 75041 [SHORE RD 138] CKT 1
3060.2	75031 GLNWD SO 138 75164 GLNWD SO69.0 1	0.08012	76.2	165.0	OPEN 75030 [GLNWD NO 138] TO 75041 [SHORE RD 138] CKT 1
3076.4	75004 HMP HRBR 345 75005 EGC DUM 345 1	0.44768	895.4	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
3079.8	75001 EGC PAR 345 75005 EGC DUM 345 1	-0.44768	-893.8	1399.0	OPEN 75000 [SHORE RD 345] TO 75041 [SHORE RD 138] CKT 1
					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
3114.4	75004 HMP HRBR 345 75005 EGC DUM 345 1	0.44607	880.3	1399.0	OPEN 74316 [DUNWODIE 345] TO 75000 [SHORE RD 345] CKT 1
					OPEN 74316 [DUNWODIE 345] TO 74422 [DUN SO 138] CKT 1
					OPEN 74316 [DUNWODIE 345] TO 74343 [PL VILLW 345] CKT 1
3117.2	75030 GLNWD NO 138 75163 GLNWD NO69.0 1	0.08207	69.3	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
3117.5	75004 HMP HRBR 345 75005 EGC DUM 345 1	0.44576	879.2	1399.0	OPEN 74316 [DUNWODIE 345] TO 75000 [SHORE RD 345] CKT 1
					OPEN 74316 [DUNWODIE 345] TO 74418 [DUN NO 138] CKT 1
					OPEN 74316 [DUNWODIE 345] TO 74342 [PL VILLE 345] CKT 1
3117.8	75001 EGC PAR 345 75005 EGC DUM 345 1	-0.44608	-878.7	1399.0	OPEN 74316 [DUNWODIE 345] TO 75000 [SHORE RD 345] CKT 1
					OPEN 74316 [DUNWODIE 345] TO 74422 [DUN SO 138] CKT 1
					OPEN 74316 [DUNWODIE 345] TO 74343 [PL VILLW 345] 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:	4193.2	-1000.0	3193.2
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	756.1	676.1	-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	161.1	81.1	-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 ----->					BASE CASE ----->				
FROM	TO	CKT	TOTAL TRANS	RATING	PRE-SHIFT	POST-SHIFT	LIMIT CASE	DISTR.	FACTOR					
			CAPAB	A	MW	MW	MW							
75465	HINMN115	115	76261	HARIS115	115	1	2276.6	238	-201.4	-235.5	-238.0*	-0.03413		
75414	MEYER230	230	75417	STOLE230	230	1	2848.5	430	-248.4	-358.9	-366.8	-0.11045		
76702	LOCKPORT	115	77126	TELRDTP1	115	1	3018.5	144	93.8	121.4	123.4	0.02770		
75465	HINMN115	115	76702	LOCKPORT	115	1	3074.6	238	172.3	207.4	210.0	0.03513		
76702	LOCKPORT	115	77101	SHEL-113	115	1	3163.4	144	87.9	116.5	118.6	0.02866		
76702	LOCKPORT	115	77122	SOUR-111	115	1	3181.9	131	77.5	104.6	106.5	0.02705		
79584	NIAG 345	345	79800	ROCH 345	345	1	3234.4	1301	569.4	929.8	955.8	0.36041		
77122	SOUR-111	115	77123	SWDN-111	115	1	3327.8	131	73.6	100.6	102.6	0.02705		
77101	SHEL-113	115	77124	SWDN-113	115	1	3510.3	144	77.9	106.5	108.6	0.02868		
75426	BORDR115	115	77447	FRMGTN-4	115	1	3512.0	150	-74.0	-107.0	-109.3	-0.03292		
77109	LAPPINS1	115	77116	NLEROYTA	115	1	3523.8	139	72.6	101.2	103.3	0.02864		
77400	CLAY	345	78450	EDIC	345	2	3568.0	1033	582.6	773.2	786.9	0.19056		
75405	OAKDL345	345	75403	FRASR345	345	1	3571.1	1255	631.2	894.8	913.8	0.26357		
77100	SOUR-114	115	77111	MORTIMER	115	1	3583.6	129	59.4	88.6	90.8	0.02927		
77400	CLAY	345	78450	EDIC	345	1	3585.6	1033	580.7	770.7	784.4	0.18992		
77447	FRMGTN-4	115	79825	PANNELLI	115	1	3599.1	206	-123.2	-157.8	-160.3	-0.03457		
77110	LAWLER-1	115	77111	MORTIMER	115	1	3609.8	129	-68.1	-93.4	-95.2	-0.02532		
77112	MUMFORD1	115	77116	NLEROYTA	115	1	3634.6	129	-58.3	-87.4	-89.5	-0.02911		
77100	SOUR-114	115	77126	TELRDTP1	115	1	3669.1	143	-70.8	-100.1	-102.2	-0.02929		
79592	NIAGAR2W	230	81516	PA27 REG	230	1	3769.6	400	105.6	-91.5	-105.7	-0.19709		

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

<- INTERFACE 'DYSE OPEN' DEFINITION ->							PRE-
FROM	TO	CKT	DISTR.	SHIFT	FACTOR	MW	
75404 KINTI345 345	79800 ROCH 345 345	1	0.29379	553.9			
79584 NIAG 345 345	79800 ROCH 345 345	1	0.43076	569.4			
75417 STOLE230 230	75414 MEYER230 230	1	0.13201	248.4			
75994 PALMT115 115	75992 BENET115 115	1	0.00000	-6.7			
76702 LOCKPORT 115	77125 TELRDTP1 115	1	0.01542	77.4			
76702 LOCKPORT 115	77115 NAKR-108 115	1	0.01299	55.1			
76702 LOCKPORT 115	77117 OAKFLDTP 115	1	0.01534	65.0			
76702 LOCKPORT 115	77122 SOUR-111 115	1	0.03232	77.5			
76702 LOCKPORT 115	77101 SHEL-113 115	1	0.03425	87.9			
76702 LOCKPORT 115	77126 TELRDTP1 115	1	0.03310	93.8			
TOTALS FOR INTERFACE DYSE OPEN							1821.5

TOTAL TRANS CAPAB	LIMITING ELEMENT			DISTR. FACTOR	PRE-SHIFT MW	RATING BAS/CNT A/C	CONTINGENCY DESCRIPTION		
1732.6	FROM	TO	CKT	0.02625	98.3	96.0	CONTINGENCY	DESCRIPTION	
	76660 ELM-70	230 76837 ELMST23	23.0 1	0.02625	98.3	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
2399.4	75476 MEYER115 115	75995 S.PER115 115	1 -0.02792		-87.9	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
2448.8	75476 MEYER115 115	75995 S.PER115 115	1 -0.02778		-86.6	104.0	OPEN 75417 [STOLE230 230]	TO 75414 [MEYER230 230]	CKT 1
2464.0	76527 FALCONER 115	281 WARREN 115	1 0.05121		49.1	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
2473.0	75476 MEYER115 115	75995 S.PER115 115	1 -0.02997		-84.5	104.0	OPEN 75417 [STOLE230 230]	TO 75414 [MEYER230 230]	CKT 1
							OPEN 75406 [STOLE345 345]	TO 479 [HOMER CY 345]	CKT 1
2718.6	75465 HINMN115 115	76261 HARIS115 115	1 -0.04079		-201.4	238.0	BASE CASE		
2764.1	76527 FALCONER 115	281 WARREN 115	1 0.05176		33.2	82.0	OPEN 76500 [DUNKIRK 230]	TO 76501 [S RIPLEY 230]	CKT 1
2808.5	77103 BATAVIA1 115	77121 SENECA1 115	1 0.05100		108.7	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
2814.9	76527 FALCONER 115	281 WARREN 115	1 0.04995		32.4	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
2822.0	77103 BATAVIA1 115	77121 SENECA1 115	1 0.05073		108.2	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
2833.3	75465 HINMN115 115	76261 HARIS115 115	1 -0.05920		-246.1	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
2837.5	77103 BATAVIA1 115	77121 SENECA1 115	1 0.05121		107.0	159.0	OPEN 79584 [NIAG 345 345]	TO 79800 [ROCH 345 345]	CKT 1
2848.0	75405 OAKDL345 345	75403 FRASR345 345	1 0.38143		988.5	1380.0	OPEN 78450 [EDIC 345]	TO 75403 [FRASR345 345]	CKT 1
							OPEN 79583 [MARCY T1 345]	TO 75400 [COOPC345 345]	CKT 1
2852.3	77103 BATAVIA1 115	77121 SENECA1 115	1 0.05069		106.8	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
2880.0	75465 HINMN115 115	76261 HARIS115 115	1 -0.05829		-244.3	306.0	OPEN 75416 [ROBIN230 230]	TO 75417 [STOLE230 230]	CKT 1
2947.5	76702 LOCKPORT 115	77122 SOUR-111 115	1 0.04996		102.8	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

CRPP SUM2009 BASE CASE V6B
2005 SUMMER PEAK, LEVEL 5 (04/01/05)

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

TOTAL TRANS CAPAB	LIMITING ELEMENT						DISTR. FACTOR	PRE-SHIFT MW	RATING BAS/CNT A/C	CONTINGENCY	DESCRIPTION
	FROM	TO	CKT								
2961.7	76702 LOCKPORT	115 77122 SOUR-111	115 1	0.04970	102.3	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		
2964.3	75465 HINMN115	115 76261 HARIS115	115 1	-0.06333	-233.6	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		
2975.9	76702 LOCKPORT	115 77122 SOUR-111	115 1	0.05016	101.1	159.0	OPEN 79584 [NIAG 345 345]	TO 79800 [ROCH 345 345]	CKT 1		
2976.2	*75465 HINMN115	115 76261 HARIS115	115 1	-0.06291	-233.4	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		
2992.1	76702 LOCKPORT	115 77122 SOUR-111	115 1	0.04965	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		
3002.2	76702 LOCKPORT	115 77126 TELRDTP1	115 1	0.05116	119.6	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		
3016.7	76702 LOCKPORT	115 77126 TELRDTP1	115 1	0.05090	119.2	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		
3026.4	77122 SOUR-111	115 77123 SWDN-111	115 1	0.04996	98.8	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		
3030.3	76702 LOCKPORT	115 77126 TELRDTP1	115 1	0.05137	117.9	180.0	OPEN 79584 [NIAG 345 345]	TO 79800 [ROCH 345 345]	CKT 1		
3041.1	77122 SOUR-111	115 77123 SWDN-111	115 1	0.04970	98.4	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		
3047.1	76702 LOCKPORT	115 77126 TELRDTP1	115 1	0.05085	117.7	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		
3048.4	77100 SOUR-114	115 77111 MORTIMER	115 1	0.05406	86.7	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		
3051.5	75469 KATEL115	115 75467 JENN 115	115 1	0.03871	111.4	159.0	OPEN 75405 [OAKDL345 345]	TO 75403 [FRASR345 345]	CKT 1		
3054.5	77122 SOUR-111	115 77123 SWDN-111	115 1	0.05016	97.1	159.0	OPEN 79584 [NIAG 345 345]	TO 79800 [ROCH 345 345]	CKT 1		
3057.1	76702 LOCKPORT	115 77101 SHEL-113	115 1	0.05293	114.6	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		
3063.2	77100 SOUR-114	115 77111 MORTIMER	115 1	0.05377	86.2	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		
3071.6	77122 SOUR-111	115 77123 SWDN-111	115 1	0.04965	96.9	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		
3071.9	76702 LOCKPORT	115 77101 SHEL-113	115 1	0.05265	114.2	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		
3076.4	77100 SOUR-114	115 77111 MORTIMER	115 1	0.05428	84.9	153.0	OPEN 79584 [NIAG 345 345]	TO 79800 [ROCH 345 345]	CKT 1		
3085.1	76702 LOCKPORT	115 77101 SHEL-113	115 1	0.05315	112.8	180.0	OPEN 79584 [NIAG 345 345]	TO 79800 [ROCH 345 345]	CKT 1		
3091.8	*77103 BATAVIA1	115 77121 SENECAP	115 1	0.04318	104.2	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		
3093.7	77100 SOUR-114	115 77111 MORTIMER	115 1	0.05373	84.6	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		
3102.4	76702 LOCKPORT	115 77101 SHEL-113	115 1	0.05261	112.6	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		
3197.1	75414 MEYER230	230 75417 STOLE230	230 1	-0.13201	-248.4	430.0	BASE CASE				
3204.0	79584 NIAG 345	345 79800 ROCH 345	345 1	0.58994	869.5	1685.0	OPEN 75404 [KINTI345 345]	TO 79800 [ROCH 345 345]	CKT 1		
3214.8	77109 LAPPINS1	115 77116 NLEROYTA	115 1	0.05290	99.3	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		
3216.3	79584 NIAG 345	345 79800 ROCH 345	345 1	0.59036	861.6	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		
3226.4	76501 S RIPLEY	230 361 ERIE E	230 1	0.12539	322.9	499.0	OPEN 75417 [STOLE230 230]	TO 75414 [MEYER230 230]	CKT 1		
							OPEN 75406 [STOLE345 345]	TO 479 [HOMER CY 345]	CKT 1		

CRPP SUM2009 BASE CASE V6B
 2005 SUMMER PEAK, LEVEL 5 (04/01/05)

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

TOTAL	LIMITING ELEMENT						DISTR.	PRE- RATING		CONTINGENCY DESCRIPTION					
TRANS	FROM	TO	CKT	FACTOR	MW	A/C	SHIFT	BAS/CNT	DESCRIPTION						
3229.4	75405 OAKDL345	345	75403 FRASR345	345	1	0.36242	869.8	1380.0	OPEN	77400 [CLAY	345]	TO	78450 [EDIC	345]	CKT 2
									OPEN	78450 [EDIC	345]	TO	75403 [FRASR345	345]	CKT 1
3230.4	77109 LAPPINS1	115	77116 NLEROYTA	115	1	0.05263	98.9	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
3242.1	77109 LAPPINS1	115	77116 NLEROYTA	115	1	0.05312	97.5	173.0	OPEN	79584 [NIAG	345 345]	TO	79800 [ROCH	345 345]	CKT 1
3244.3	77101 SHEL-113	115	77124 SWDN-113	115	1	0.05298	104.6	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
3255.9	*76702 LOCKPORT	115	77122 SOUR-111	115	1	0.04230	98.3	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
3260.0	77101 SHEL-113	115	77124 SWDN-113	115	1	0.05270	104.2	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
3261.0	77109 LAPPINS1	115	77116 NLEROYTA	115	1	0.05258	97.3	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
3267.3	79584 NIAG	345	79800 ROCH	345	345	0.57021	860.6	1685.0	OPEN	79801 [PANNELL3	345]	TO	79800 [ROCH	345 345]	CKT 1
									OPEN	75404 [KINTI345	345]	TO	79800 [ROCH	345 345]	CKT 1
3271.4	77101 SHEL-113	115	77124 SWDN-113	115	1	0.05320	102.9	180.0	OPEN	79584 [NIAG	345 345]	TO	79800 [ROCH	345 345]	CKT 1
3284.3	77111 MORTIMER	115	77124 SWDN-113	115	1	-0.05594	-71.2	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
3289.8	75405 OAKDL345	345	75403 FRASR345	345	1	0.37013	836.5	1380.0	OPEN	78450 [EDIC	345]	TO	75403 [FRASR345	345]	CKT 1
									OPEN	75403 [FRASR345	345]	TO	75455 [FRASR115	115]	CKT 1
3290.7	77101 SHEL-113	115	77124 SWDN-113	115	1	0.05266	102.6	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
3294.1	76501 S RIPLEY	230	361 ERIE E	230	1	0.10491	344.5	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
3300.3	77111 MORTIMER	115	77124 SWDN-113	115	1	-0.05564	-70.7	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
3301.5	77111 MORTIMER	115	77123 SWDN-111	115	1	-0.05309	-74.4	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
3311.3	77111 MORTIMER	115	77124 SWDN-113	115	1	-0.05617	-69.3	153.0	OPEN	79584 [NIAG	345 345]	TO	79800 [ROCH	345 345]	CKT 1
3314.2	75498 S.OWE115	115	75668 LOUN115	115	1	-0.05948	-54.2	143.0	OPEN	75405 [OAKDL345	345]	TO	75407 [WATRC345	345]	CKT 1
3317.0	76501 S RIPLEY	230	361 ERIE E	230	1	0.10422	343.1	499.0	OPEN	75417 [STOLE230	230]	TO	75414 [MEYER230	230]	CKT 1
3317.6	77111 MORTIMER	115	77123 SWDN-111	115	1	-0.05281	-74.0	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
3320.5	*76702 LOCKPORT	115	77126 TELRDTP1	115	1	0.04332	115.1	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
3328.4	77111 MORTIMER	115	77123 SWDN-111	115	1	-0.05331	-72.7	153.0	OPEN	79584 [NIAG	345 345]	TO	79800 [ROCH	345 345]	CKT 1
3329.7	75405 OAKDL345	345	75403 FRASR345	345	1	0.35093	850.7	1380.0	OPEN	78460 [PORTER	2 230]	TO	78980 [ROTRDM	2 230]	CKT 1
									OPEN	78450 [EDIC	345]	TO	75403 [FRASR345	345]	CKT 1
3331.0	77111 MORTIMER	115	77124 SWDN-113	115	1	-0.05560	-69.1	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
3334.6	77100 SOUR-114	115	77126 TELRDTP1	115	1	-0.05411	-98.1	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
3335.1	75414 MEYER230	230	75417 STOLE230	230	1	-0.16514	-290.1	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
3338.0	76501 S RIPLEY	230	361 ERIE E	230	1	0.09733	351.4	499.0	OPEN	79583 [MARCY T1	345]	TO	75400 [COOPC345	345]	CKT 1
									OPEN	75403 [FRASR345	345]	TO	75400 [COOPC345	345]	CKT 1

CRPP SUM2009 BASE CASE V6B
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	82.9
79801 PANNELL3 345	77400 CLAY 345	2	0.36394	83.1
75417 STOLE230 230	75414 MEYER230 230	1	0.13201	248.4
75994 PALMT115 115	75992 BENET115 115	1	0.00000	-6.7
79826 QUAKER 115	75892 MACDN115 115	1	0.00327	37.8
77111 MORTIMER 115	77110 LAWLER-1 115	1	0.03027	68.1
77111 MORTIMER 115	77463 LAWLER-2 115	1	0.03164	46.6
79825 PANNELLI 115	77447 FRMGTN-4 115	1	0.04132	123.2
79804 S121 B#2 115	75893 SLEIG115 115	1	0.02969	81.5
79810 STA 162 115	75995 S.PER115 115	1	0.00510	12.6
79805 CLYDE199 115	75893 SLEIG115 115	1	-0.03075	-39.8
79805 CLYDE199 115	77433 CLTNCORN 115	1	0.03075	23.2
79875 FARMNGTN34.5	77444 FARMGTN1 115	1	0.00197	-24.1
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	689.2

TOTAL TRANS CAPAB	LIMITING ELEMENT	DISTR. FACTOR	PRE-SHIFT MW	RATING BAS/CNT A/C	CONTINGENCY DESCRIPTION
600.2	76660 ELM-70 230 76837 ELMST23.23.0 1	0.02625	98.3	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
1267.0	75476 MEYER115 115 75995 S.PER115 115 1	-0.02792	-87.9	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
1316.4	75476 MEYER115 115 75995 S.PER115 115 1	-0.02778	-86.6	104.0	OPEN 75417 [STOLE230 230] TO 75414 [MEYER230 230] CKT 1
1331.7	76527 FALCONER 115 281 WARREN 115 1	0.05121	49.1	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
1340.6	75476 MEYER115 115 75995 S.PER115 115 1	-0.02997	-84.5	104.0	OPEN 75417 [STOLE230 230] TO 75414 [MEYER230 230] CKT 1 OPEN 75406 [STOLE345 345] TO 479 [HOMER CY 345] CKT 1
1586.3	75465 HINMN115 115 76261 HARIS115 115 1	-0.04079	-201.4	238.0	BASE CASE
1631.7	76527 FALCONER 115 281 WARREN 115 1	0.05176	33.2	82.0	OPEN 76500 [DUNKIRK 230] TO 76501 [S RIPLEY 230] CKT 1
1676.1	77103 BATAVIA1 115 77121 SENECA1 115 1	0.05100	108.7	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
1682.5	76527 FALCONER 115 281 WARREN 115 1	0.04995	32.4	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
1689.6	77103 BATAVIA1 115 77121 SENECA1 115 1	0.05073	108.2	159.0	OPEN 79800 [ROCH 345 345] TO 79584 [NIAG 345 345] CKT 1
1701.0	75465 HINMN115 115 76261 HARIS115 115 1	-0.05920	-246.1	306.0	OPEN 79592 [NIAGAR2W 230] TO 79584 [NIAG 345 345] CKT 1 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
1705.1	77103 BATAVIA1 115 77121 SENECA1 115 1	0.05121	107.0	159.0	OPEN 79584 [NIAG 345 345] TO 79800 [ROCH 345 345] CKT 1
1715.6	75405 OAKDL345 345 75403 FRASR345 345 1	0.38143	988.5	1380.0	OPEN 78450 [EDIC 345] TO 75403 [FRASR345 345] CKT 1 OPEN 79583 [MARCY T1 345] TO 75400 [COOPC345 345] CKT 1

CRPP SUM2009 BASE CASE V6B
2005 SUMMER PEAK, LEVEL 5 (04/01/05)

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

TOTAL TRANS CAPAB	LIMITING ELEMENT						DISTR. FACTOR	PRE-RATING		CONTINGENCY DESCRIPTION			
	FROM		TO		CKT		MW	A/C					
1719.9	77103	BATAVIA1	115	77121	SENECAP	115 1	0.05069	106.8	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
1747.7	75465	HINMN115	115	76261	HARIS115	115 1	-0.05829	-244.3	306.0	OPEN	75416	[ROBIN230 230]	TO 75417 [STOLE230 230] CKT 1
1815.1	76702	LOCKPORT	115	77122	SOUR-111	115 1	0.04996	102.8	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
1829.3	76702	LOCKPORT	115	77122	SOUR-111	115 1	0.04970	102.3	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
1831.9	75465	HINMN115	115	76261	HARIS115	115 1	-0.06333	-233.6	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
1843.5	76702	LOCKPORT	115	77122	SOUR-111	115 1	0.05016	101.1	159.0	OPEN	79584	[NIAG 345 345]	TO 79800 [ROCH 345 345] CKT 1
1843.9	*75465	HINMN115	115	76261	HARIS115	115 1	-0.06291	-233.4	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
1859.7	76702	LOCKPORT	115	77122	SOUR-111	115 1	0.04965	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
1869.8	76702	LOCKPORT	115	77126	TELRDTP1	115 1	0.05116	119.6	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
1884.3	76702	LOCKPORT	115	77126	TELRDTP1	115 1	0.05090	119.2	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
1894.1	77122	SOUR-111	115	77123	SWDN-111	115 1	0.04996	98.8	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
1898.0	76702	LOCKPORT	115	77126	TELRDTP1	115 1	0.05137	117.9	180.0	OPEN	79584	[NIAG 345 345]	TO 79800 [ROCH 345 345] CKT 1
1908.7	77122	SOUR-111	115	77123	SWDN-111	115 1	0.04970	98.4	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
1914.8	76702	LOCKPORT	115	77126	TELRDTP1	115 1	0.05085	117.7	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
1916.0	77100	SOUR-114	115	77111	MORTIMER	115 1	0.05406	86.7	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
1919.2	75469	KATEL115	115	75467	JENN 115	115 1	0.03871	111.4	159.0	OPEN	75405	[OAKDL345 345]	TO 75403 [FRASR345 345] CKT 1
1922.1	77122	SOUR-111	115	77123	SWDN-111	115 1	0.05016	97.1	159.0	OPEN	79584	[NIAG 345 345]	TO 79800 [ROCH 345 345] CKT 1
1924.7	76702	LOCKPORT	115	77101	SHEL-113	115 1	0.05293	114.6	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
1930.8	77100	SOUR-114	115	77111	MORTIMER	115 1	0.05377	86.2	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
1939.2	77122	SOUR-111	115	77123	SWDN-111	115 1	0.04965	96.9	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
1939.5	76702	LOCKPORT	115	77101	SHEL-113	115 1	0.05265	114.2	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
1944.0	77100	SOUR-114	115	77111	MORTIMER	115 1	0.05428	84.9	153.0	OPEN	79584	[NIAG 345 345]	TO 79800 [ROCH 345 345] CKT 1
1952.7	76702	LOCKPORT	115	77101	SHEL-113	115 1	0.05315	112.8	180.0	OPEN	79584	[NIAG 345 345]	TO 79800 [ROCH 345 345] CKT 1
1959.4	*77103	BATAVIA1	115	77121	SENECAP	115 1	0.04318	104.2	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
1961.3	77100	SOUR-114	115	77111	MORTIMER	115 1	0.05373	84.6	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
1970.0	76702	LOCKPORT	115	77101	SHEL-113	115 1	0.05261	112.6	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
2064.8	75414	MEYER230	230	75417	STOLE230	230 1	-0.13201	-248.4	430.0	BASE CASE			
2071.6	79584	NIAG 345	345	79800	ROCH 345	345 1	0.58994	869.5	1685.0	OPEN	75404	[KINTI345 345]	TO 79800 [ROCH 345 345] CKT 1

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

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

TOTAL	LIMITING ELEMENT					DISTR.	PRE- RATING		CONTINGENCY DESCRIPTION			
TRANS	FROM	TO	CKT	FACTOR	SHIFT	BAS/CNT	MW	A/C				
CAPAB												
2082.4	77109 LAPPINS1	115 77116 NLEROYTA	115 1	0.05290	99.3	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	
2084.0	79584 NIAG 345 345	79800 ROCH 345 345	1	0.59036	861.6	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	
2094.0	76501 S RIPLEY 230	361 ERIE E 230	1	0.12539	322.9	499.0	OPEN 75417	[STOLE230 230]	TO 75414	[MEYER230 230]	CKT 1	
							OPEN 75406	[STOLE345 345]	TO 479	[HOMER CY 345]	CKT 1	
2097.0	75405 OAKDL345 345	75403 FRASR345 345	1	0.36242	869.8	1380.0	OPEN 77400	[CLAY 345]	TO 78450	[EDIC 345]	CKT 2	
							OPEN 78450	[EDIC 345]	TO 75403	[FRASR345 345]	CKT 1	
2098.0	77109 LAPPINS1 115	77116 NLEROYTA 115	1	0.05263	98.9	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	
2109.7	77109 LAPPINS1 115	77116 NLEROYTA 115	1	0.05312	97.5	173.0	OPEN 79584	[NIAG 345 345]	TO 79800	[ROCH 345 345]	CKT 1	
2111.9	77101 SHEL-113 115	77124 SWDN-113 115	1	0.05298	104.6	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	
2123.5	*76702 LOCKPORT 115	77122 SOUR-111 115	1	0.04230	98.3	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	
2127.6	77101 SHEL-113 115	77124 SWDN-113 115	1	0.05270	104.2	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	
2128.6	77109 LAPPINS1 115	77116 NLEROYTA 115	1	0.05258	97.3	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	
2134.9	79584 NIAG 345 345	79800 ROCH 345 345	1	0.57021	860.6	1685.0	OPEN 79801	[PANNELL3 345]	TO 79800	[ROCH 345 345]	CKT 1	
							OPEN 75404	[KINTI345 345]	TO 79800	[ROCH 345 345]	CKT 1	
2139.0	77101 SHEL-113 115	77124 SWDN-113 115	1	0.05320	102.9	180.0	OPEN 79584	[NIAG 345 345]	TO 79800	[ROCH 345 345]	CKT 1	
2151.9	77111 MORTIMER 115	77124 SWDN-113 115	1	-0.05594	-71.2	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	
2157.4	75405 OAKDL345 345	75403 FRASR345 345	1	0.37013	836.5	1380.0	OPEN 78450	[EDIC 345]	TO 75403	[FRASR345 345]	CKT 1	
							OPEN 75403	[FRASR345 345]	TO 75455	[FRASR115 115]	CKT 1	
2158.3	77101 SHEL-113 115	77124 SWDN-113 115	1	0.05266	102.6	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	76501 S RIPLEY 230	361 ERIE E 230	1	0.10491	344.5	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	
2167.9	77111 MORTIMER 115	77124 SWDN-113 115	1	-0.05564	-70.7	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	
2169.1	77111 MORTIMER 115	77123 SWDN-111 115	1	-0.05309	-74.4	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	
2178.9	77111 MORTIMER 115	77124 SWDN-113 115	1	-0.05617	-69.3	153.0	OPEN 79584	[NIAG 345 345]	TO 79800	[ROCH 345 345]	CKT 1	
2181.8	75498 S.OWE115 115	75668 LOUNS115 115	1	-0.05948	-54.2	143.0	OPEN 75405	[OAKDL345 345]	TO 75407	[WATRC345 345]	CKT 1	
2184.6	76501 S RIPLEY 230	361 ERIE E 230	1	0.10422	343.1	499.0	OPEN 75417	[STOLE230 230]	TO 75414	[MEYER230 230]	CKT 1	
2185.2	77111 MORTIMER 115	77123 SWDN-111 115	1	-0.05281	-74.0	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	
2188.2	*76702 LOCKPORT 115	77126 TELRDTP1 115	1	0.04332	115.1	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	
2196.0	77111 MORTIMER 115	77123 SWDN-111 115	1	-0.05331	-72.7	153.0	OPEN 79584	[NIAG 345 345]	TO 79800	[ROCH 345 345]	CKT 1	
2197.3	75405 OAKDL345 345	75403 FRASR345 345	1	0.35093	850.7	1380.0	OPEN 78460	[PORTER 2 230]	TO 78980	[ROTRDM.2 230]	CKT 1	
							OPEN 78450	[EDIC 345]	TO 75403	[FRASR345 345]	CKT 1	
2198.6	77111 MORTIMER 115	77124 SWDN-113 115	1	-0.05560	-69.1	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	

CRPP SUM2009 BASE CASE V6B
 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:	213.4	1000.0	1213.4
OPPOSING SYSTEM MW GENERATION:	2617.6	-1000.0	1617.6
STUDY SYSTEM NET INTERCHANGE:	212.7	1000.0	1212.7

<----- STUDY SYSTEM ----->					<----- OPPOSING SYSTEM ----->				
<---- GENERATOR MW ---->					<---- GENERATOR MW ---->				
BUS	BUS NAME	BASE	SHIFT	CHANGE	BUS	BUS NAME	BASE	SHIFT	CHANGE
79513	MOS17-1813.8	99.4	599.4	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	<----- BASE CASE ----->					
TOTAL	TRANS	RATING	PRE-	POST-	LIMIT	DISTR.												
CAPAB	A	MW	SHIFT	SHIFT	CASE	FACTOR												
			MW	MW	MW													
79590	MOSES W	230	79517	MOS21-2413.8	6	274.2	258	-227.2	-727.2*	-258.0*	-0.50000							
79589	MOSES E	230	79514	MOS17-2013.8	5	303.3	258	-212.7	-712.7*	-243.4	-0.50000							
78009	BRNS FLS	115	78057	TAYLORVL	115	1	1993.6	102	40.2	74.9	42.3	0.03471						
78009	BRNS FLS	115	78021	FLAT RCK	115	1	2053.7	102	-38.2	-72.9	-40.4	-0.03463						
78460	PORTER 2	230	79586	ADRON B2	230	1	2067.8	321	-143.7	-239.3	-149.6	-0.09557						
78009	BRNS FLS	115	78025	HIGLEY	115	1	2069.1	102	-37.4	-72.2	-39.5	-0.03479						
78460	PORTER 2	230	79585	ADRON B1	230	1	2093.3	321	-141.3	-236.8	-147.2	-0.09557						
78009	BRNS FLS	115	78057	TAYLORVL	115	2	2108.8	106	40.2	74.9	42.3	0.03471						
79577	MARCY765	765	79583	MARCY T1	345	1	2152.3	1488	720.8	1116.4	745.2	0.39552						
79586	ADRON B2	230	79590	MOSES W	230	1	2308.4	348	-147.7	-243.3	-153.6	-0.09557						
79585	ADRON B1	230	79590	MOSES W	230	1	2308.4	348	-147.7	-243.3	-153.6	-0.09557						
78014	COLTON	115	78021	FLAT RCK	115	1	2443.5	114	36.7	71.4	38.9	0.03463						
79587	MASS230A	230	79589	MOSES E	230	1	2547.7	936	-72.7	-442.4	-95.4	-0.36973						
79588	MASS230B	230	79589	MOSES E	230	1	2547.7	936	-72.7	-442.4	-95.4	-0.36973						
79578	MASS 765	765	79587	MASS230A	230	1	2547.8	936	-72.6	-442.4	-95.4	-0.36973						
79578	MASS 765	765	79588	MASS230B	230	1	2547.8	936	-72.6	-442.4	-95.4	-0.36973						
78014	COLTON	115	78025	HIGLEY	115	1	2671.5	125	39.5	74.2	41.6	0.03479						
79577	MARCY765	765	79583	MARCY T1	345	2	2762.5	1488	611.0	955.0	632.2	0.34395						
78450	EDIC	345	79583	MARCY T1	345	1	3254.7	1677	-321.4	-767.0	-348.8	-0.44563						
79577	MARCY765	765	79578	MASS 765	765	1	3772.7	3975	-1342.	-2082.	-1388.	-0.73947						
	INTERFACE MOSES	OPEN					4001.3	5358	1569.3	2569.3	1630.8	1.00003						
	INTERFACE MOSES	SOUTH					4029.6	5400	1583.3	2583.3	1644.8	1.00003						

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

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

<- INTERFACE 'MOSESSOUTH' DEFINITION ->

FROM	TO	CKT	DISTR. FACTOR	PRE-SHIFT MW
79578 MASS 765	79577 MARCY765	765 1	0.73945	1342.5
79590 MOSES W 230	79585 ADRON B1	230 1	0.09557	147.7
79590 MOSES W 230	79586 ADRON B2	230 1	0.09557	147.7
78017 DENNISON 115	78002 ANDRWS-4	115 1	0.02156	-3.8
78017 DENNISON 115	78032 LWRNCE-B	115 1	0.02157	-2.7
78000 ALCOA-NM 115	78010 BRADY	115 1	0.01109	-22.3
78033 MALONE 115	78041 NICHOLVL	115 1	0.01521	-25.8
TOTALS FOR INTERFACE MOSESSOUTH			1.00000	1583.3

TOTAL TRANS CAPAB	LIMITING ELEMENT	DISTR. FACTOR	PRE-SHIFT MW	RATING BAS/CNT A/C	CONTINGENCY DESCRIPTION
1644.8	79590 MOSES W 230	79517 MOS21-2413.8 6	-0.49999	-227.2	258.0 BASE CASE
1673.9	79589 MOSES E 230	79514 MOS17-2013.8 5	-0.49999	-212.7	258.0 BASE CASE
1765.6	78009 BRNS FLS 115	78057 TAYLORVL 115 2	0.07851	119.7	134.0 OPEN 79578 [MASS 765 765] TO 79577 [MARC Y765 765] CKT 1
1778.4	78009 BRNS FLS 115	78057 TAYLORVL 115 1	0.07851	119.7	135.0 OPEN 79578 [MASS 765 765] TO 79577 [MARC Y765 765] CKT 1
1792.7	79586 ADRON B2 230	79590 MOSES W 230 1	-0.23002	-391.8	440.0 OPEN 79578 [MASS 765 765] TO 79577 [MARC Y765 765] CKT 1
1792.7	79585 ADRON B1 230	79590 MOSES W 230 1	-0.23002	-391.8	440.0 OPEN 79578 [MASS 765 765] TO 79577 [MARC Y765 765] CKT 1
1805.9	78009 BRNS FLS 115	78021 FLAT RCK 115 1	-0.07833	-117.6	135.0 OPEN 79578 [MASS 765 765] TO 79577 [MARC Y765 765] CKT 1
1810.8	78009 BRNS FLS 115	78025 HIGLEY 115 1	-0.07868	-117.1	135.0 OPEN 79578 [MASS 765 765] TO 79577 [MARC Y765 765] CKT 1
1849.2	78460 PORTER 2 230	79586 ADRON B2 230 1	-0.23002	-387.8	449.0 OPEN 79578 [MASS 765 765] TO 79577 [MARC Y765 765] CKT 1
1859.8	78460 PORTER 2 230	79585 ADRON B1 230 1	-0.23002	-385.4	449.0 OPEN 79578 [MASS 765 765] TO 79577 [MARC Y765 765] CKT 1
1901.9	79602 PLAT T#3 115	79672 PLAT 115 115 3	-0.08662	-274.4	302.0 OPEN 79578 [MASS 765 765] TO 79577 [MARC Y765 765] CKT 1
1902.0	79602 PLAT T#3 115	70511 GRAND IS 115 1	0.08662	274.4	302.0 OPEN 79578 [MASS 765 765] TO 79577 [MARC Y765 765] CKT 1
1914.4	78014 COLTON 115	78021 FLAT RCK 115 1	0.07833	116.1	142.0 OPEN 79578 [MASS 765 765] TO 79577 [MARC Y765 765] CKT 1
1923.3	78028 LOWVILLE 115	78057 TAYLORVL 115 1	-0.04209	-119.7	134.0 OPEN 79578 [MASS 765 765] TO 79577 [MARC Y765 765] CKT 1
2039.0	78014 COLTON 115	78025 HIGLEY 115 1	0.07868	119.1	155.0 OPEN 79578 [MASS 765 765] TO 79577 [MARC Y765 765] CKT 1
2109.9	78008 BREMEN 115	78057 TAYLORVL 115 1	-0.04207	-111.8	134.0 OPEN 79578 [MASS 765 765] TO 79577 [MARC Y765 765] CKT 1
2218.9	79577 MARCY765 765	79583 MARCY T1 345 1	0.69994	1209.1	1654.0 OPEN 79577 [MARC Y765 765] TO 79583 [MARC Y T1 345] CKT 2 OPEN 78703 [N.SCOT99 345] TO 79583 [MARC Y T1 345] CKT 1
2378.6	78028 LOWVILLE 115	78471 BOONVL 115 1	0.04209	100.5	134.0 OPEN 79578 [MASS 765 765] TO 79577 [MARC Y765 765] CKT 1
2407.6	79589 MOSES E 230	81255 STLAWL34 230 1	0.16883	306.8	446.0 OPEN 79578 [MASS 765 765] TO 79577 [MARC Y765 765] CKT 1
2410.3	78011 BU+LY+MO 115	78471 BOONVL 115 1	0.04207	111.2	146.0 OPEN 79578 [MASS 765 765] TO 79577 [MARC Y765 765] CKT 1
2530.4	78009 BRNS FLS 115	78057 TAYLORVL 115 2	0.07850	59.6	134.0 OPEN 79577 [MARC Y765 765] TO 79578 [MASS 765 765] CKT 1 OPEN 79578 [MASS 765 765] TO 84819 [CHA-NY 765] CKT 1
2538.5	78008 BREMEN 115	78011 BU+LY+MO 115 1	0.04207	105.8	146.0 OPEN 79578 [MASS 765 765] TO 79577 [MARC Y765 765] CKT 1
2543.1	78009 BRNS FLS 115	78057 TAYLORVL 115 1	0.07850	59.6	135.0 OPEN 79577 [MARC Y765 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	-0.07833	-57.7	135.0 OPEN 79577 [MARC Y765 765] TO 79578 [MASS 765 765] CKT 1 OPEN 79578 [MASS 765 765] TO 84819 [CHA-NY 765] CKT 1
2575.6	78009 BRNS FLS 115	78025 HIGLEY 115 1	-0.07868	-56.9	135.0 OPEN 79577 [MARC Y765 765] TO 79578 [MASS 765 765] CKT 1 OPEN 79578 [MASS 765 765] TO 84819 [CHA-NY 765] CKT 1
2577.0	79586 ADRON B2 230	79590 MOSES W 230 1	-0.23002	-211.4	440.0 OPEN 79577 [MARC Y765 765] TO 79578 [MASS 765 765] CKT 1 OPEN 79578 [MASS 765 765] TO 84819 [CHA-NY 765] CKT 1
2577.1	79585 ADRON B1 230	79590 MOSES W 230 1	-0.23002	-211.4	440.0 OPEN 79577 [MARC Y765 765] TO 79578 [MASS 765 765] CKT 1 OPEN 79578 [MASS 765 765] TO 84819 [CHA-NY 765] CKT 1
2633.6	78460 PORTER 2 230	79586 ADRON B2 230 1	-0.23002	-207.4	449.0 OPEN 79577 [MARC Y765 765] TO 79578 [MASS 765 765] CKT 1 OPEN 79578 [MASS 765 765] TO 84819 [CHA-NY 765] CKT 1

CRPP SUM2009 BASE CASE V6B
2005 SUMMER PEAK, LEVEL 5 (04/01/05)

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

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

	PRE-SHIFT	DELTA	POST-SHIFT
STUDY SYSTEM MW GENERATION:	1833.5	1000.0	2833.5
OPPOSING SYSTEM MW GENERATION:	3270.1	-1000.0	2270.1
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	161.1	61.1	-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	POLETGT218.0	222.0	162.0	-60.0
					79539	POLETSTG18.0	194.0	134.0	-60.0
					79540	POLETGT118.0	222.0	152.0	-70.0

LOADINGS AT OR ABOVE 100.0 % OF RATING ARE MARKED WITH '*'						<----- BASE CASE ----->					
<----- FROM -----> <----- TO -----> CKT						TOTAL	PRE-	POST-	LIMIT		
						TRANS	RATING	SHIFT	SHIFT	CASE	DISTR.
						CAPAB	A	MW	MW	MW	FACTOR
INTERFACE CENTRAL EAST						2759.8	3100	2618.4	3113.1*	3100.0*	0.49469
74344	PLTVLLEY 345	78701	LEEDS 3	345	2	3016.9	1331	-1082.	-1284.	-1279.	-0.20205
INTERFACE TOTAL EAST						3184.4	6500	5102.0	6101.9	6075.5	0.99995
74344	PLTVLLEY 345	78705	ATHENS	345	1	3285.4	1331	-1043.	-1235.	-1230.	-0.19228
75400	COOPC345 345	75403	FRASR345	345	1	3452.7	1207	-882.7	-1077.	-1072.	-0.19461
74002	ROSETON 345	74331	FISHKILL	345	1	3579.1	1935	1601.0	1787.3	1782.4	0.18629
78450	EDIC 345	78702	N.SCOT77	345	1	4159.2	1331	880.8	1070.5	1065.5	0.18974
78703	N.SCOT99 345	79583	MARCY T1	345	1	4232.9	1487	-985.9	-1191.	-1185.	-0.20482
78701	LEEDS 3 345	78702	N.SCOT77	345	1	4528.1	1331	-812.4	-1002.	-996.5	-0.18915
78701	LEEDS 3 345	78703	N.SCOT99	345	2	4568.2	1331	-808.0	-996.0	-991.0	-0.18801
78450	EDIC 345	77400	CLAY	345	2	4600.9	1033	-582.6	-742.6	-738.4	-0.16002
78450	EDIC 345	77400	CLAY	345	1	4621.9	1033	-580.7	-740.2	-736.0	-0.15949
75403	FRASR345 345	75405	OAKDL345	345	1	4840.0	1255	-631.2	-835.5	-830.1	-0.20427
74001	ROCK TAV 345	74347	RAMAPO	345	1	5003.5	1720	950.5	1189.7	1183.4	0.23917
INTERFACE CENT E+FGILB						5633.3	5600	3066.2	3724.9	3707.4	0.65865
75400	COOPC345 345	79304	N.M.TAP	345	1	5659.9	1464	790.0	964.0	959.4	0.17401
78701	LEEDS 3 345	78705	ATHENS	345	1	5729.9	1331	572.7	765.0	759.9	0.19228
78460	PORTER 2 230	78980	ROTRDM.2	230	2	5746.3	439	255.3	301.7	300.5	0.04638
INTERFACE CE GROUP						5773.4	8438	4451.2	5451.1	5424.7	0.99995
INTERFACE VOLNEY EAST						5930.9	7190	3460.0	4360.0	4336.2	0.89996

CRPP SUM2009 BASE CASE V6B
 2005 SUMMER PEAK, LEVEL 5 (04/01/05)

*** 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	631.2
75469 KATEL115	115 75467 JENN 115	115 1	0.01085	66.8
75488 OAKDL115	115 75444 DELHI115	115 1	0.01371	41.7
75513 WILET115	115 75446 E.NOR115	115 1	0.01212	61.7
77400 CLAY	345 78450 EDIC	345 1	0.17722	580.7
77400 CLAY	345 78450 EDIC	345 2	0.17781	582.6
77406 VOLNEY	345 79583 MARCY T1	345 1	0.17393	726.8
77426 BRDGPORT	115 78484 PETRBORO	115 1	0.01262	35.5
77466 LTHSE HL	115 78005 BLACK RV	115 1	0.00494	-6.7
77466 LTHSE HL	115 78018 E WTRTWN	115 1	0.00493	-3.0
77494 TEALL	115 78483 ONEIDA	115 1	0.01268	34.0
77500 WHITMAN	115 78483 ONEIDA	115 1	0.00745	-16.2
77779 OMEGAWIR	34.5 78610 CAMDEN	34.5 1	0.00000	-2.9
79580 JA FITZP	345 78450 EDIC	345 1	0.16476	727.9
TOTALS FOR INTERFACE VOLNEY EAST			1.00000	3460.0

TOTAL TRANS CAPAB	LIMITING ELEMENT	FROM	TO	CKT	DISTR. FACTOR	PRE-SHIFT MW	RATING BAS/CNT A/C	CONTINGENCY DESCRIPTION
1836.0		79303 SMAHWAH2	345 5028 WALDWICK	345 1	0.03134	639.9	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
2946.5	INTERFACE CENTRAL EAST				0.73033	3475.0	3100.0	OPEN 78450 [EDIC 345] TO 75403 [FRASR345 345] CKT 1 OPEN 79583 [MARCY T1 345] TO 75400 [COOPC345 345] CKT 1
3235.2	INTERFACE CENTRAL EAST				0.69920	3257.2	3100.0	OPEN 79583 [MARCY T1 345] TO 75400 [COOPC345 345] CKT 1 OPEN 75403 [FRASR345 345] TO 75400 [COOPC345 345] CKT 1
3431.5	INTERFACE CENTRAL EAST				0.67648	3119.3	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
3468.3	INTERFACE CENTRAL EAST				0.54968	3095.4	3100.0	SET BUS 71786 [SANDY PD 345] LOAD TO 0 MW DISPATCH
3468.3 *	INTERFACE CENTRAL EAST				0.54968	3095.4	3100.0	OPEN 70509 [SB RCTOR 115] TO 70508 [SANDB115 115] CKT 2 SET BUS 71786 [SANDY PD 345] LOAD TO 0 MW DISPATCH
3473.5	INTERFACE TOTAL EAST				1.11110	6485.0	6500.0	OPEN 70509 [SB RCTOR 115] TO 70508 [SANDB115 115] CKT 2 SET BUS 71786 [SANDY PD 345] LOAD TO 0 MW DISPATCH
3473.5	INTERFACE TOTAL EAST				1.11110	6485.0	6500.0	SET BUS 71786 [SANDY PD 345] LOAD TO 0 MW DISPATCH
3643.6	INTERFACE TOTAL EAST				1.11110	6296.0	6500.0	REMOVE MACHINE 1 FROM BUS 72869 [SBRK G1 25.0] DISPATCH
3643.6	INTERFACE TOTAL EAST				1.11110	6296.0	6500.0	OPEN 70509 [SB RCTOR 115] TO 70508 [SANDB115 115] CKT 2 REMOVE MACHINE 1 FROM BUS 72869 [SBRK G1 25.0] DISPATCH
3672.8 *	INTERFACE TOTAL EAST				1.11110	6263.6	6500.0	REMOVE MACHINE 3 FROM BUS 73563 [MILL#3 24.0] DISPATCH
4015.4		74344 PLTVLLEY	345 78701 LEEDS	3 345 2	-0.31962	-1546.5	1724.0	OPEN 78705 [ATHENS 345] TO 74344 [PLTVLLEY 345] CKT 1
4144.3		74344 PLTVLLEY	345 78705 ATHENS	345 1	-0.31085	-1511.3	1724.0	OPEN 78701 [LEEDS 3 345] TO 74344 [PLTVLLEY 345] CKT 2
4184.9		74344 PLTVLLEY	345 78701 LEEDS	3 345 2	-0.30645	-1501.8	1724.0	OPEN 78705 [ATHENS 345] TO 74344 [PLTVLLEY 345] CKT 1 OPEN 74344 [PLTVLLEY 345] TO 74341 [MILLWOOD 345] CKT 1
4191.3		74344 PLTVLLEY	345 78701 LEEDS	3 345 2	-0.30678	-1499.7	1724.0	OPEN 78705 [ATHENS 345] TO 74344 [PLTVLLEY 345] CKT 1 OPEN 74344 [PLTVLLEY 345] TO 74356 [WOOD B 345] CKT 1
4324.6		74344 PLTVLLEY	345 78705 ATHENS	345 1	-0.29842	-1466.0	1724.0	OPEN 78701 [LEEDS 3 345] TO 74344 [PLTVLLEY 345] CKT 2 OPEN 74344 [PLTVLLEY 345] TO 74356 [WOOD B 345] CKT 1

CRPP SUM2009 BASE CASE V6B
2005 SUMMER PEAK, LEVEL 5 (04/01/05)

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

TOTAL TRANS CAPAB	LIMITING ELEMENT						DISTR. FACTOR	PRE- SHIFT MW	RATING BAS/CNT A/C	CONTINGENCY DESCRIPTION		
	FROM	TO	CKT									
4454.7	74344	PLTVLLEY 345	78705	ATHENS 345	1	-0.29045	-1435.1	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
4544.2	74344	PLTVLLEY 345	78701	LEEDS 3 345	2	-0.29980	-1399.0	1724.0	OPEN 79583 [MARCY T1 345]	TO	75400 [COOPC345 345]	CKT 1
									OPEN 75403 [FRASR345 345]	TO	75400 [COOPC345 345]	CKT 1
4547.8	79303	SMAHWAH2 345	5028	WALDWICK 345	1	0.04112	544.3	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
4567.5	*74344	PLTVLLEY 345	78701	LEEDS 3 345	2	-0.22451	-1082.3	1331.0	BASE CASE			
4762.7	75403	FRASR345 345	75405	OAKDL345 345	1	-0.30053	-988.5	1380.0	OPEN 78450 [EDIC 345]	TO	75403 [FRASR345 345]	CKT 1
									OPEN 79583 [MARCY T1 345]	TO	75400 [COOPC345 345]	CKT 1
4791.8	74344	PLTVLLEY 345	78705	ATHENS 345	1	-0.28530	-1344.0	1724.0	OPEN 79583 [MARCY T1 345]	TO	75400 [COOPC345 345]	CKT 1
									OPEN 75403 [FRASR345 345]	TO	75400 [COOPC345 345]	CKT 1
4809.1	*74344	PLTVLLEY 345	78705	ATHENS 345	1	-0.21366	-1042.7	1331.0	BASE CASE			
4846.1	78701	LEEDS 3 345	78703	N.SCOT99 345	2	-0.32820	-1269.1	1724.0	OPEN 78701 [LEEDS 3 345]	TO	78702 [N.SCOT77 345]	CKT 1
4902.0	78703	N.SCOT99 345	79583	MARCY T1 345	1	-0.30730	-1348.9	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
4956.6	78703	N.SCOT99 345	79583	MARCY T1 345	1	-0.30225	-1339.7	1792.0	OPEN 78450 [EDIC 345]	TO	75403 [FRASR345 345]	CKT 1
									OPEN 79583 [MARCY T1 345]	TO	75400 [COOPC345 345]	CKT 1
4959.7	75400	COOPC345 345	75403	FRASR345 345	1	-0.21624	-882.7	1207.0	BASE CASE			
5018.6	75403	FRASR345 345	79581	GILB 345 345	1	0.32116	1023.4	1524.0	OPEN 79583 [MARCY T1 345]	TO	75400 [COOPC345 345]	CKT 1
									OPEN 75403 [FRASR345 345]	TO	75400 [COOPC345 345]	CKT 1
5035.9	75403	FRASR345 345	79581	GILB 345 345	1	0.32469	1012.3	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
5073.4	74002	ROSETON 345	74331	FISHKILL 345	1	0.20700	1601.0	1935.0	BASE CASE			
5091.4	79586	ADRON B2 230	79590	MOSES W 230	1	-0.02953	-391.8	440.0	OPEN 79578 [MASS 765 765]	TO	79577 [MARCY765 765]	CKT 1
5091.5	79585	ADRON B1 230	79590	MOSES W 230	1	-0.02953	-391.8	440.0	OPEN 79578 [MASS 765 765]	TO	79577 [MARCY765 765]	CKT 1
5105.2	79304	N.M.TAP 345	79322	SHOEMTAP 138	1	0.07770	539.2	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
5121.6	78703	N.SCOT99 345	79583	MARCY T1 345	1	-0.30088	-1292.1	1792.0	OPEN 78450 [EDIC 345]	TO	78702 [N.SCOT77 345]	CKT 1
5176.5	75400	COOPC345 345	75403	FRASR345 345	1	-0.28966	-1205.8	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
5189.0	75400	COOPC345 345	79583	MARCY T1 345	1	-0.22368	-958.3	1345.0	OPEN 75403 [FRASR345 345]	TO	75400 [COOPC345 345]	CKT 1
									OPEN 75405 [OAKDL345 345]	TO	75403 [FRASR345 345]	CKT 1
5205.3	74001	ROCK TAV 345	74347	RAMAPO 345	1	0.35059	1557.1	2169.0	OPEN 74331 [FISHKILL 345]	TO	74022 [E FISH I 115]	CKT 1
									OPEN 74331 [FISHKILL 345]	TO	74002 [ROSETON 345]	CKT 1
5216.0	74001	ROCK TAV 345	74347	RAMAPO 345	1	0.34498	1563.2	2169.0	OPEN 74002 [ROSETON 345]	TO	74331 [FISHKILL 345]	CKT 1
5228.0	78703	N.SCOT99 345	79583	MARCY T1 345	1	-0.29572	-1269.2	1792.0	OPEN 79580 [JA FITZP 345]	TO	78450 [EDIC 345]	CKT 1
									OPEN 78702 [N.SCOT77 345]	TO	78450 [EDIC 345]	CKT 1
5232.6	75400	COOPC345 345	79583	MARCY T1 345	1	-0.22137	-952.6	1345.0	OPEN 75403 [FRASR345 345]	TO	75400 [COOPC345 345]	CKT 1
5235.5	75400	COOPC345 345	79583	MARCY T1 345	1	-0.22136	-952.0	1345.0	OPEN 75403 [FRASR345 345]	TO	75400 [COOPC345 345]	CKT 1
									OPEN 75400 [COOPC345 345]	TO	75440 [COOPC115 115]	CKT 1
5237.0	75400	COOPC345 345	75403	FRASR345 345	1	-0.28703	-1192.9	1703.0	OPEN 79583 [MARCY T1 345]	TO	75400 [COOPC345 345]	CKT 1
5239.8	75400	COOPC345 345	75403	FRASR345 345	1	-0.28696	-1192.3	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

CRPP SUM2009 BASE CASE V6B
2005 SUMMER PEAK, LEVEL 5 (04/01/05)

*** 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	18.9
75403 FRASR345 345	79581 GILB 345 345	1	0.16397	447.8
75400 COOPC345 345	74001 ROCK TAV 345	2	0.16248	693.3
75400 COOPC345 345	79304 N.M.TAP 345	1	0.17401	790.0
2 BRANCHBG 500	74300 RAMAPO 5 500	1	0.00000	439.8
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	200.0
5028 WALDWICK 345	79302 SMAHWAH1 345	1	-0.00242	-442.8
5028 WALDWICK 345	79303 SMAHWAH2 345	1	0.00242	-576.4
79314 HCOR138 138	79311 BURNS138 138	1	-0.00048	-101.2
79320 SMAH138 138	79302 SMAHWAH1 345	1	0.00734	-200.0
79320 SMAH138 138	79319 RAMP138 138	1	-0.00437	-85.0
79334 CLOSTR6969.0	79357 SPARKILL69.0	1	0.00066	-11.9
79338 HCOR69 69.0	79362 WNYA69 69.0	1	0.00172	-18.4
79346 MONTVALE69.0	79327 BLUHILL 69.0	1	0.00000	5.8
79346 MONTVALE69.0	79327 BLUHILL 69.0	2	0.00000	5.8
79346 MONTVALE69.0	79400 L491T 69.0	1	0.00046	-34.5
79356 SMAH69 69.0	79340 HILB69 69.0	1	-0.00523	-47.0
79370 HCOR34 34.5	79376 PEARL34 34.5	1	-0.00010	2.3
75447 E.SPR115 115	79136 INGHAM-E 115	1	0.00861	10.7
78450 EDIC 345	78702 N.SCOT77 345	1	0.18975	880.8
78460 PORTER 2 230	78980 ROTRDM.2 230	1	0.04514	248.8
78460 PORTER 2 230	78980 ROTRDM.2 230	2	0.04638	255.3
78478 INGMS-CD 115	79136 INGHAM-E 115	1	0.00000	119.9
79583 MARCY T1 345	78703 N.SCOT99 345	1	0.20484	985.9
79602 PLAT T#3 115	70511 GRAND IS 115	1	0.00000	117.1
74959 NEPTCONV 345	74958 NWBRG 345	1	0.00000	597.0
TOTALS FOR INTERFACE TOTAL EAST			1.00000	5102.0

TOTAL TRANS	LIMITING ELEMENT	DISTR. FACTOR	PRE-SHIFT MW	RATING BAS/CNT	CONTINGENCY DESCRIPTION
3297.6	79303 SMAHWAH2 345 5028 WALDWICK 345 1	0.02821	639.9	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
4531.5	INTERFACE CENTRAL EAST	0.65730	3475.0	3100.0	OPEN 78450 [EDIC 345] TO 75403 [FRASR345 345] CKT 1 OPEN 79583 [MARCY T1 345] TO 75400 [COOPC345 345] CKT 1
4852.2	INTERFACE CENTRAL EAST	0.62928	3257.2	3100.0	OPEN 79583 [MARCY T1 345] TO 75400 [COOPC345 345] CKT 1 OPEN 75403 [FRASR345 345] TO 75400 [COOPC345 345] CKT 1
5070.3	INTERFACE CENTRAL EAST	0.60883	3119.3	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
5111.3	INTERFACE CENTRAL EAST	0.49471	3095.4	3100.0	SET BUS 71786 [SANDY PD 345] LOAD TO 0 MW DISPATCH
5111.3 *	INTERFACE CENTRAL EAST	0.49471	3095.4	3100.0	OPEN 70509 [SB RCTOR 115] TO 70508 [SANDB115 115] CKT 2 SET BUS 71786 [SANDY PD 345] LOAD TO 0 MW DISPATCH
5117.0	INTERFACE TOTAL EAST	1.00000	6485.0	6500.0	OPEN 70509 [SB RCTOR 115] TO 70508 [SANDB115 115] CKT 2 SET BUS 71786 [SANDY PD 345] LOAD TO 0 MW DISPATCH

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

TOTAL	LIMITING ELEMENT						DISTR.	PRE- RATING		CONTINGENCY DESCRIPTION			
TRANS	FROM	TO	CKT	FACTOR	MW	A/C	SHIFT	BAS	C/N				
5117.0	INTERFACE TOTAL EAST						1.00000	6485.0	6500.0	SET BUS 71786 [SANDY PD 345]	LOAD TO 0 MW DISPATCH		
5306.0	INTERFACE TOTAL EAST						1.00000	6296.0	6500.0	REMOVE MACHINE 1 FROM BUS 72869 [SBRK G1 25.0]	DISPATCH		
5306.0	INTERFACE TOTAL EAST						1.00000	6296.0	6500.0	OPEN 70509 [SB RCTOR 115]	TO 70508 [SANDB115 115] CKT 2		
5338.4 *	INTERFACE TOTAL EAST						1.00000	6263.6	6500.0	REMOVE MACHINE 1 FROM BUS 72869 [SBRK G1 25.0]	DISPATCH		
5719.1	74344	PLTVLLEY 345	78701 LEEDS 3	345 2	-0.28766	-1546.5	1724.0	OPEN 78705 [ATHENS 345]	TO 74344 [PLTVLLEY 345] CKT 1				
5862.3	74344	PLTVLLEY 345	78705 ATHENS 345 1		-0.27977	-1511.3	1724.0	OPEN 78701 [LEEDS 3 345]	TO 74344 [PLTVLLEY 345] CKT 2				
5907.5	74344	PLTVLLEY 345	78701 LEEDS 3	345 2	-0.27581	-1501.8	1724.0	OPEN 78705 [ATHENS 345]	TO 74344 [PLTVLLEY 345] CKT 1				
5914.6	74344	PLTVLLEY 345	78701 LEEDS 3	345 2	-0.27610	-1499.7	1724.0	OPEN 78705 [ATHENS 345]	TO 74344 [PLTVLLEY 345] CKT 1				
6062.6	74344	PLTVLLEY 345	78705 ATHENS 345 1		-0.26858	-1466.0	1724.0	OPEN 78701 [LEEDS 3 345]	TO 74344 [PLTVLLEY 345] CKT 2				
6207.2	74344	PLTVLLEY 345	78705 ATHENS 345 1		-0.26141	-1435.1	1724.0	OPEN 78701 [LEEDS 3 345]	TO 74344 [PLTVLLEY 345] CKT 2				
6306.7	74344	PLTVLLEY 345	78701 LEEDS 3	345 2	-0.26982	-1399.0	1724.0	OPEN 78702 [N.SCOT77 345]	TO 78701 [LEEDS 3 345] CKT 1				
6310.6	79303	SMAHWAH2 345	5028 WALDWICK 345 1		0.03701	544.3	589.0	OPEN 74347 [RAMAPO 345]	TO 74340 [LADENTWN 345] CKT 1				
6332.6 *	74344	PLTVLLEY 345	78701 LEEDS 3	345 2	-0.20206	-1082.3	1331.0	OPEN 74410 [BUCHNTA5 138]	TO 74312 [BUCH N 345] CKT 1				
6549.5	75403	FRASR345 345	75405 OAKDL345 345 1		-0.27048	-988.5	1380.0	OPEN 78450 [EDIC 345]	TO 75403 [FRASR345 345] CKT 1				
6581.8	74344	PLTVLLEY 345	78705 ATHENS 345 1		-0.25677	-1344.0	1724.0	OPEN 79583 [MARCY T1 345]	TO 75400 [COOPC345 345] CKT 1				
6601.0 *	74344	PLTVLLEY 345	78705 ATHENS 345 1		-0.19229	-1042.7	1331.0	OPEN 75403 [FRASR345 345]	TO 75400 [COOPC345 345] CKT 1				
6642.1	78701	LEEDS 3 345	78703 N.SCOT99 345 2		-0.29539	-1269.1	1724.0	OPEN 78701 [LEEDS 3 345]	TO 78702 [N.SCOT77 345] CKT 1				
6704.2	78703	N.SCOT99 345	79583 MARCY T1 345 1		-0.27657	-1348.9	1792.0	OPEN 78702 [N.SCOT77 345]	TO 78450 [EDIC 345] CKT 1				
6764.8	78703	N.SCOT99 345	79583 MARCY T1 345 1		-0.27203	-1339.7	1792.0	OPEN 78450 [EDIC 345]	TO 75403 [FRASR345 345] CKT 1				
6768.3	75400	COOPC345 345	75403 FRASR345 345 1		-0.19462	-882.7	1207.0	OPEN 79583 [MARCY T1 345]	TO 75400 [COOPC345 345] CKT 1				
6833.8	75403	FRASR345 345	79581 GILB 345 345 1		0.28904	1023.4	1524.0	OPEN 75403 [FRASR345 345]	TO 75400 [COOPC345 345] CKT 1				
6853.0	75403	FRASR345 345	79581 GILB 345 345 1		0.29222	1012.3	1524.0	OPEN 75400 [COOPC345 345]	TO 74001 [ROCK TAV 345] CKT 2				
6894.7	74002	ROSETON 345	74331 FISHKILL 345 1		0.18630	1601.0	1935.0	OPEN 75400 [COOPC345 345]	TO 79304 [N.M.TAP 345] CKT 1				
6914.7	79586	ADRON B2 230	79590 MOSES W 230 1		-0.02658	-391.8	440.0	OPEN 79304 [N.M.TAP 345]	TO 74001 [ROCK TAV 345] CKT 1				
6914.7	79585	ADRON B1 230	79590 MOSES W 230 1		-0.02658	-391.8	440.0	OPEN 79578 [MASS 765 765]	TO 79577 [MARCY765 765] CKT 1				
6930.0	79304	N.M.TAP 345	79322 SHOEMTAP 138 1		0.06993	539.2	667.0	OPEN 79578 [MASS 765 765]	TO 79577 [MARCY765 765] CKT 1				
6948.2	78703	N.SCOT99 345	79583 MARCY T1 345 1		-0.27080	-1292.1	1792.0	OPEN 74001 [ROCK TAV 345]	TO 74347 [RAMAPO 345] CKT 1				
7009.2	75400	COOPC345 345	75403 FRASR345 345 1		-0.26069	-1205.8	1703.0	OPEN 74001 [ROCK TAV 345]	TO 74046 [ROCK TV1 115] CKT 1				
								OPEN 74046 [ROCK TV1 115]	TO 74018 [SUGARLF 115] CKT 1				
								OPEN 78450 [EDIC 345]	TO 78702 [N.SCOT77 345] CKT 1				
								OPEN 78460 [PORTER 2 230]	TO 78980 [ROTRDM.2 230] 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	10.7
78450 EDIC	345 78702 N.SCOT77	345 1	0.38356	880.8
78460 PORTER 2	230 78980 ROTRDM.2	230 1	0.09124	248.8
78460 PORTER 2	230 78980 ROTRDM.2	230 2	0.09375	255.3
78478 INGMS-CD	115 79136 INGHAM-E	115 1	0.00000	119.9
79583 MARCY T1	345 78703 N.SCOT99	345 1	0.41405	985.9
79602 PLAT T#3	115 70511 GRAND IS	115 1	0.00000	117.1
TOTALS FOR INTERFACE CENTRAL EAST			1.00000	2618.4

TOTAL TRANS CAPAB	LIMITING ELEMENT	FROM	TO	CKT	DISTR. FACTOR	PRE-SHIFT MW	RATING BAS/CNT A/C	CONTINGENCY DESCRIPTION
1725.7	79303 SMAHWAH2	345 5028	WALDWICK	345 1	0.05702	639.9	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
2336.2	INTERFACE CENTRAL EAST				1.32866	3475.0	3100.0	OPEN 78450 [EDIC 345] TO 75403 [FRASR345 345] CKT 1 OPEN 79583 [MARCY T1 345] TO 75400 [COOPC345 345] CKT 1
2494.8	INTERFACE CENTRAL EAST				1.27201	3257.2	3100.0	OPEN 79583 [MARCY T1 345] TO 75400 [COOPC345 345] CKT 1 OPEN 75403 [FRASR345 345] TO 75400 [COOPC345 345] CKT 1
2602.7	INTERFACE CENTRAL EAST				1.23068	3119.3	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
2623.0	INTERFACE CENTRAL EAST				1.00000	3095.4	3100.0	SET BUS 71786 [SANDY PD 345] LOAD TO 0 MW DISPATCH
2623.0 *	INTERFACE CENTRAL EAST				1.00000	3095.4	3100.0	OPEN 70509 [SB RCTOR 115] TO 70508 [SANDB115 115] CKT 2 SET BUS 71786 [SANDY PD 345] LOAD TO 0 MW DISPATCH
2625.8	INTERFACE TOTAL EAST				2.02138	6485.0	6500.0	OPEN 70509 [SB RCTOR 115] TO 70508 [SANDB115 115] CKT 2 SET BUS 71786 [SANDY PD 345] LOAD TO 0 MW DISPATCH
2625.8	INTERFACE TOTAL EAST				2.02138	6485.0	6500.0	SET BUS 71786 [SANDY PD 345] LOAD TO 0 MW DISPATCH
2719.3	INTERFACE TOTAL EAST				2.02138	6296.0	6500.0	REMOVE MACHINE 1 FROM BUS 72869 [SBRK G1 25.0] DISPATCH
2719.3	INTERFACE TOTAL EAST				2.02138	6296.0	6500.0	OPEN 70509 [SB RCTOR 115] TO 70508 [SANDB115 115] CKT 2 REMOVE MACHINE 1 FROM BUS 72869 [SBRK G1 25.0] DISPATCH
2735.4 *	INTERFACE TOTAL EAST				2.02138	6263.6	6500.0	REMOVE MACHINE 3 FROM BUS 73563 [MILL#3 24.0] DISPATCH
2923.7	74344 PLTVLLEY	345 78701	LEEDS	3 345 2	-0.58146	-1546.5	1724.0	OPEN 78705 [ATHENS 345] TO 74344 [PLTVLLEY 345] CKT 1
2994.5	74344 PLTVLLEY	345 78705	ATHENS	345 1	-0.56551	-1511.3	1724.0	OPEN 78701 [LEEDS 3 345] TO 74344 [PLTVLLEY 345] CKT 2
3016.9	74344 PLTVLLEY	345 78701	LEEDS	3 345 2	-0.55751	-1501.8	1724.0	OPEN 78705 [ATHENS 345] TO 74344 [PLTVLLEY 345] CKT 1 OPEN 74344 [PLTVLLEY 345] TO 74341 [MILLWOOD 345] CKT 1
3020.4	74344 PLTVLLEY	345 78701	LEEDS	3 345 2	-0.55810	-1499.7	1724.0	OPEN 78705 [ATHENS 345] TO 74344 [PLTVLLEY 345] CKT 1 OPEN 74344 [PLTVLLEY 345] TO 74356 [WOOD B 345] CKT 1
3093.6	74344 PLTVLLEY	345 78705	ATHENS	345 1	-0.54291	-1466.0	1724.0	OPEN 78701 [LEEDS 3 345] TO 74344 [PLTVLLEY 345] CKT 2 OPEN 74344 [PLTVLLEY 345] TO 74356 [WOOD B 345] CKT 1
3165.2	74344 PLTVLLEY	345 78705	ATHENS	345 1	-0.52840	-1435.1	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
3214.4	74344 PLTVLLEY	345 78701	LEEDS	3 345 2	-0.54540	-1399.0	1724.0	OPEN 79583 [MARCY T1 345] TO 75400 [COOPC345 345] CKT 1 OPEN 75403 [FRASR345 345] TO 75400 [COOPC345 345] CKT 1
3216.3	79303 SMAHWAH2	345 5028	WALDWICK	345 1	0.07481	544.3	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
3227.2	*74344 PLTVLLEY	345 78701	LEEDS	3 345 2	-0.40845	-1082.3	1331.0	BASE CASE

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

TOTAL	LIMITING ELEMENT						DISTR.	PRE- RATING		CONTINGENCY DESCRIPTION			
TRANS	FROM	TO	CKT	FACTOR	MW	A/C	SHIFT	BAS/CNT					
CAPAB	FROM	TO	CKT	FACTOR	MW	A/C	SHIFT	BAS/CNT					
3334.5	75403 FRASR345	345 75405 OAKDL345	345 1	-0.54675	-988.5	1380.0	OPEN	78450 [EDIC 345]	TO	75403 [FRASR345 345]	CKT 1		
							OPEN	79583 [MARCY T1 345]	TO	75400 [COOPC345 345]	CKT 1		
3350.5	74344 PLTVLLEY	345 78705 ATHENS	345 1	-0.51903	-1344.0	1724.0	OPEN	79583 [MARCY T1 345]	TO	75400 [COOPC345 345]	CKT 1		
							OPEN	75403 [FRASR345 345]	TO	75400 [COOPC345 345]	CKT 1		
3360.0	*74344 PLTVLLEY	345 78705 ATHENS	345 1	-0.38869	-1042.7	1331.0	BASE CASE						
3380.3	78701 LEEDS 3	345 78703 N.SCOT99	345 2	-0.59708	-1269.1	1724.0	OPEN	78701 [LEEDS 3 345]	TO	78702 [N.SCOT77 345]	CKT 1		
3411.0	78703 N.SCOT99	345 79583 MARCY T1	345 1	-0.55906	-1348.9	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		
3441.0	78703 N.SCOT99	345 79583 MARCY T1	345 1	-0.54987	-1339.7	1792.0	OPEN	78450 [EDIC 345]	TO	75403 [FRASR345 345]	CKT 1		
							OPEN	79583 [MARCY T1 345]	TO	75400 [COOPC345 345]	CKT 1		
3442.8	75400 COOPC345	345 75403 FRASR345	345 1	-0.39339	-882.7	1207.0	BASE CASE						
3475.1	75403 FRASR345	345 79581 GILB 345	345 1	0.58426	1023.4	1524.0	OPEN	79583 [MARCY T1 345]	TO	75400 [COOPC345 345]	CKT 1		
							OPEN	75403 [FRASR345 345]	TO	75400 [COOPC345 345]	CKT 1		
3484.7	75403 FRASR345	345 79581 GILB 345	345 1	0.59069	1012.3	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		
3505.3	74002 ROSETON	345 74331 FISHKILL	345 1	0.37659	1601.0	1935.0	BASE CASE						
3515.2	79586 ADRON B2	230 79590 MOSES W 230	1	-0.05372	-391.8	440.0	OPEN	79578 [MASS 765 765]	TO	79577 [MARCY765 765]	CKT 1		
3515.2	79585 ADRON B1	230 79590 MOSES W 230	1	-0.05372	-391.8	440.0	OPEN	79578 [MASS 765 765]	TO	79577 [MARCY765 765]	CKT 1		
3522.7	79304 N.M.TAP	345 79322 SHOEMTAP	138 1	0.14136	539.2	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		
3531.7	78703 N.SCOT99	345 79583 MARCY T1	345 1	-0.54738	-1292.1	1792.0	OPEN	78450 [EDIC 345]	TO	78702 [N.SCOT77 345]	CKT 1		
3561.9	75400 COOPC345	345 75403 FRASR345	345 1	-0.52696	-1205.8	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		
3568.8	75400 COOPC345	345 79583 MARCY T1	345 1	-0.40693	-958.3	1345.0	OPEN	75403 [FRASR345 345]	TO	75400 [COOPC345 345]	CKT 1		
							OPEN	75405 [OAKDL345 345]	TO	75403 [FRASR345 345]	CKT 1		
3577.8	74001 ROCK TAV	345 74347 RAMAPO	345 1	0.63781	1557.1	2169.0	OPEN	74331 [FISHKILL 345]	TO	74022 [E FISH I 115]	CKT 1		
							OPEN	74331 [FISHKILL 345]	TO	74002 [ROSETON 345]	CKT 1		
3583.6	74001 ROCK TAV	345 74347 RAMAPO	345 1	0.62760	1563.2	2169.0	OPEN	74002 [ROSETON 345]	TO	74331 [FISHKILL 345]	CKT 1		
3590.2	78703 N.SCOT99	345 79583 MARCY T1	345 1	-0.53798	-1269.2	1792.0	OPEN	79580 [JA FITZP 345]	TO	78450 [EDIC 345]	CKT 1		
							OPEN	78702 [N.SCOT77 345]	TO	78450 [EDIC 345]	CKT 1		
3592.8	75400 COOPC345	345 79583 MARCY T1	345 1	-0.40273	-952.6	1345.0	OPEN	75403 [FRASR345 345]	TO	75400 [COOPC345 345]	CKT 1		
3594.4	75400 COOPC345	345 79583 MARCY T1	345 1	-0.40271	-952.0	1345.0	OPEN	75403 [FRASR345 345]	TO	75400 [COOPC345 345]	CKT 1		
							OPEN	75400 [COOPC345 345]	TO	75440 [COOPC115 115]	CKT 1		
3595.2	75400 COOPC345	345 75403 FRASR345	345 1	-0.52218	-1192.9	1703.0	OPEN	79583 [MARCY T1 345]	TO	75400 [COOPC345 345]	CKT 1		
3596.7	75400 COOPC345	345 75403 FRASR345	345 1	-0.52206	-1192.3	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		
3601.7	*75400 COOPC345	345 75403 FRASR345	345 1	-0.52187	-1189.8	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	78450 EDIC	345 78702 N.SCOT77	345 1	0.52011	1206.2	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		
3615.2	78450 EDIC	345 78702 N.SCOT77	345 1	0.52001	1205.7	1724.0	OPEN	78703 [N.SCOT99 345]	TO	79583 [MARCY T1 345]	CKT 1		
3620.2	75400 COOPC345	345 79304 N.M.TAP	345 1	0.56014	1231.8	1793.0	OPEN	74001 [ROCK TAV 345]	TO	75400 [COOPC345 345]	CKT 2		
							OPEN	75400 [COOPC345 345]	TO	75440 [COOPC115 115]	CKT 1		
3626.1	75400 COOPC345	345 79304 N.M.TAP	345 1	0.55972	1229.0	1793.0	OPEN	75400 [COOPC345 345]	TO	74001 [ROCK TAV 345]	CKT 2		

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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	447.8
75447 E.SPR115 115	79136 INGHAM-E 115	1	0.01307	10.7
78450 EDIC 345	78702 N.SCOT77 345	1	0.28808	880.8
78460 PORTER 2 230	78980 ROTRDM.2 230	1	0.06853	248.8
78460 PORTER 2 230	78980 ROTRDM.2 230	2	0.07041	255.3
78478 INGMS-CD 115	79136 INGHAM-E 115	1	0.00000	119.9
79583 MARCY T1 345	78703 N.SCOT99 345	1	0.31098	985.9
79602 PLAT T#3 115	70511 GRAND IS 115	1	0.00000	117.1
TOTALS FOR INTERFACE CENT E+FGILB			1.00000	3066.2

TOTAL TRANS	FROM	TO	CKT	DISTR. FACTOR	PRE-RATING MW	BAS/CNT A/C	CONTINGENCY DESCRIPTION
1877.7	79303 SMAHWAH2 345	5028 WALDWICK 345	1	0.04283	639.9	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
2690.4	INTERFACE CENTRAL EAST			0.99791	3475.0	3100.0	OPEN 78450 [EDIC 345] TO 75403 [FRASR345 345] CKT 1 OPEN 79583 [MARCY T1 345] TO 75400 [COOPC345 345] CKT 1
2901.7	INTERFACE CENTRAL EAST			0.95537	3257.2	3100.0	OPEN 79583 [MARCY T1 345] TO 75400 [COOPC345 345] CKT 1 OPEN 75403 [FRASR345 345] TO 75400 [COOPC345 345] CKT 1
3045.3	INTERFACE CENTRAL EAST			0.92432	3119.3	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
3072.3	INTERFACE CENTRAL EAST			0.75107	3095.4	3100.0	SET BUS 71786 [SANDY PD 345] LOAD TO 0 MW DISPATCH
3072.3 *	INTERFACE CENTRAL EAST			0.75107	3095.4	3100.0	OPEN 70509 [SB RCTOR 115] TO 70508 [SANDB115 115] CKT 2 SET BUS 71786 [SANDY PD 345] LOAD TO 0 MW DISPATCH
3076.1	INTERFACE TOTAL EAST			1.51819	6485.0	6500.0	OPEN 70509 [SB RCTOR 115] TO 70508 [SANDB115 115] CKT 2 SET BUS 71786 [SANDY PD 345] LOAD TO 0 MW DISPATCH
3076.1	INTERFACE TOTAL EAST			1.51819	6485.0	6500.0	SET BUS 71786 [SANDY PD 345] LOAD TO 0 MW DISPATCH
3200.6	INTERFACE TOTAL EAST			1.51819	6296.0	6500.0	REMOVE MACHINE 1 FROM BUS 72869 [SBRK G1 25.0] DISPATCH
3200.6	INTERFACE TOTAL EAST			1.51819	6296.0	6500.0	OPEN 70509 [SB RCTOR 115] TO 70508 [SANDB115 115] CKT 2 REMOVE MACHINE 1 FROM BUS 72869 [SBRK G1 25.0] DISPATCH
3221.9 *	INTERFACE TOTAL EAST			1.51819	6263.6	6500.0	REMOVE MACHINE 3 FROM BUS 73563 [MILL#3 24.0] DISPATCH
3472.7	74344 PLTVLLEY 345	78701 LEEDS 3	345 2	-0.43671	-1546.5	1724.0	OPEN 78705 [ATHENS 345] TO 74344 [PLTVLLEY 345] CKT 1
3567.0	74344 PLTVLLEY 345	78705 ATHENS	345 1	-0.42474	-1511.3	1724.0	OPEN 78701 [LEEDS 3 345] TO 74344 [PLTVLLEY 345] CKT 2
3596.8	74344 PLTVLLEY 345	78701 LEEDS 3	345 2	-0.41872	-1501.8	1724.0	OPEN 78705 [ATHENS 345] TO 74344 [PLTVLLEY 345] CKT 1 OPEN 74344 [PLTVLLEY 345] TO 74341 [MILLWOOD 345] CKT 1
3601.4	74344 PLTVLLEY 345	78701 LEEDS 3	345 2	-0.41917	-1499.7	1724.0	OPEN 78705 [ATHENS 345] TO 74344 [PLTVLLEY 345] CKT 1 OPEN 74344 [PLTVLLEY 345] TO 74356 [WOOD B 345] CKT 1
3698.9	74344 PLTVLLEY 345	78705 ATHENS	345 1	-0.40776	-1466.0	1724.0	OPEN 78701 [LEEDS 3 345] TO 74344 [PLTVLLEY 345] CKT 2 OPEN 74344 [PLTVLLEY 345] TO 74356 [WOOD B 345] CKT 1
3794.2	74344 PLTVLLEY 345	78705 ATHENS	345 1	-0.39686	-1435.1	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
3859.7	74344 PLTVLLEY 345	78701 LEEDS 3	345 2	-0.40963	-1399.0	1724.0	OPEN 79583 [MARCY T1 345] TO 75400 [COOPC345 345] CKT 1 OPEN 75403 [FRASR345 345] TO 75400 [COOPC345 345] CKT 1
3862.3	79303 SMAHWAH2 345	5028 WALDWICK 345	1	0.05619	544.3	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

CRPP SUM2009 BASE CASE V6B
 2005 SUMMER PEAK, LEVEL 5 (04/01/05)

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

TOTAL TRANS	LIMITING ELEMENT				DISTR.	PRE- RATING		CONTINGENCY DESCRIPTION				
CAPAB	FROM	TO	CKT	FACTOR	MW	A/C						
3876.8	*74344	PLTVLLEY 345	78701	LEEDS 3 345 2	-0.30677	-1082.3	1331.0	BASE CASE				
4019.6	75403	FRASR345 345	75405	OAKDL345 345 1	-0.41064	-988.5	1380.0	OPEN 78450 [EDIC 345] TO 75403 [FRASR345 345] CKT 1				
								OPEN 79583 [MARCY T1 345] TO 75400 [COOPC345 345] CKT 1				
4040.9	74344	PLTVLLEY 345	78705	ATHENS 345 1	-0.38982	-1344.0	1724.0	OPEN 79583 [MARCY T1 345] TO 75400 [COOPC345 345] CKT 1				
								OPEN 75403 [FRASR345 345] TO 75400 [COOPC345 345] CKT 1				
4053.6	*74344	PLTVLLEY 345	78705	ATHENS 345 1	-0.29193	-1042.7	1331.0	BASE CASE				
4080.7	78701	LEEDS 3 345	78703	N.SCOT99 345 2	-0.44845	-1269.1	1724.0	OPEN 78701 [LEEDS 3 345] TO 78702 [N.SCOT77 345] CKT 1				
4121.6	78703	N.SCOT99 345	79583	MARCY T1 345 1	-0.41989	-1348.9	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				
4161.5	78703	N.SCOT99 345	79583	MARCY T1 345 1	-0.41299	-1339.7	1792.0	OPEN 78450 [EDIC 345] TO 75403 [FRASR345 345] CKT 1				
								OPEN 79583 [MARCY T1 345] TO 75400 [COOPC345 345] CKT 1				
4163.8	75400	COOPC345 345	75403	FRASR345 345 1	-0.29546	-882.7	1207.0	BASE CASE				
4206.9	75403	FRASR345 345	79581	GILB 345 345 1	0.43882	1023.4	1524.0	OPEN 79583 [MARCY T1 345] TO 75400 [COOPC345 345] CKT 1				
								OPEN 75403 [FRASR345 345] TO 75400 [COOPC345 345] CKT 1				
4219.6	75403	FRASR345 345	79581	GILB 345 345 1	0.44365	1012.3	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				
4247.0	74002	ROSETON 345	74331	FISHKILL 345 1	0.28284	1601.0	1935.0	BASE CASE				
4260.2	79586	ADRON B2 230	79590	MOSES W 230 1	-0.04035	-391.8	440.0	OPEN 79578 [MASS 765 765] TO 79577 [MARCY765 765] CKT 1				
4260.2	79585	ADRON B1 230	79590	MOSES W 230 1	-0.04035	-391.8	440.0	OPEN 79578 [MASS 765 765] TO 79577 [MARCY765 765] CKT 1				
4270.3	79304	N.M.TAP 345	79322	SHOEMTAP 138 1	0.10617	539.2	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				
4282.3	78703	N.SCOT99 345	79583	MARCY T1 345 1	-0.41112	-1292.1	1792.0	OPEN 78450 [EDIC 345] TO 78702 [N.SCOT77 345] CKT 1				
4322.4	75400	COOPC345 345	75403	FRASR345 345 1	-0.39578	-1205.8	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				
4331.6	75400	COOPC345 345	79583	MARCY T1 345 1	-0.30563	-958.3	1345.0	OPEN 75403 [FRASR345 345] TO 75400 [COOPC345 345] CKT 1				
								OPEN 75405 [OAKDL345 345] TO 75403 [FRASR345 345] CKT 1				
4343.5	74001	ROCK TAV 345	74347	RAMAPO 345 1	0.47904	1557.1	2169.0	OPEN 74331 [FISHKILL 345] TO 74022 [E FISH I 115] CKT 1				
								OPEN 74331 [FISHKILL 345] TO 74002 [ROSETON 345] CKT 1				
4351.4	74001	ROCK TAV 345	74347	RAMAPO 345 1	0.47137	1563.2	2169.0	OPEN 74002 [ROSETON 345] TO 74331 [FISHKILL 345] CKT 1				
4360.1	78703	N.SCOT99 345	79583	MARCY T1 345 1	-0.40406	-1269.2	1792.0	OPEN 79580 [JA FITZP 345] TO 78450 [EDIC 345] CKT 1				
								OPEN 78702 [N.SCOT77 345] TO 78450 [EDIC 345] CKT 1				
4363.5	75400	COOPC345 345	79583	MARCY T1 345 1	-0.30248	-952.6	1345.0	OPEN 75403 [FRASR345 345] TO 75400 [COOPC345 345] CKT 1				
4365.6	75400	COOPC345 345	79583	MARCY T1 345 1	-0.30246	-952.0	1345.0	OPEN 75403 [FRASR345 345] TO 75400 [COOPC345 345] CKT 1				
								OPEN 75400 [COOPC345 345] TO 75440 [COOPC115 115] CKT 1				
4366.7	75400	COOPC345 345	75403	FRASR345 345 1	-0.39219	-1192.9	1703.0	OPEN 79583 [MARCY T1 345] TO 75400 [COOPC345 345] CKT 1				
4368.8	75400	COOPC345 345	75403	FRASR345 345 1	-0.39210	-1192.3	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				
4375.5	*75400	COOPC345 345	75403	FRASR345 345 1	-0.39196	-1189.8	1703.0	OPEN 79577 [MARCY765 765] TO 79583 [MARCY T1 345] CKT 1				
								OPEN 79583 [MARCY T1 345] TO 75400 [COOPC345 345] CKT 1				
4391.8	78450	EDIC 345	78702	N.SCOT77 345 1	0.39063	1206.2	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				
4393.4	78450	EDIC 345	78702	N.SCOT77 345 1	0.39056	1205.7	1724.0	OPEN 78703 [N.SCOT99 345] TO 79583 [MARCY T1 345] CKT 1				
4400.1	75400	COOPC345 345	79304	N.M.TAP 345 1	0.42070	1231.8	1793.0	OPEN 74001 [ROCK TAV 345] TO 75400 [COOPC345 345] CKT 2				
								OPEN 75400 [COOPC345 345] TO 75440 [COOPC115 115] CKT 1				
4407.9	75400	COOPC345 345	79304	N.M.TAP 345 1	0.42039	1229.0	1793.0	OPEN 75400 [COOPC345 345] TO 74001 [ROCK TAV 345] CKT 2				

CRPP SUM2009 BASE CASE V6B
 2005 SUMMER PEAK, LEVEL 5 (04/01/05)

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

-<- INTERFACE 'CE GROUP		' DEFINITION ->		PRE-
FROM	TO	CKT	DISTR. FACTOR	SHIFT MW
75512 W.WDB115	115 76210 W.WDBR6969.0	1	0.00483	18.9
75403 FRASR345	345 79581 GILB 345 345	1	0.16397	447.8
75400 COOPC345	345 74001 ROCK TAV 345	2	0.16248	693.3
75400 COOPC345	345 79304 N.M.TAP 345	1	0.17401	790.0
75447 E.SPR115	115 79136 INGHAM-E 115	1	0.00861	10.7
78450 EDIC	345 78702 N.SCOT77 345	1	0.18975	880.8
78460 PORTER 2	230 78980 ROTRDM.2 230	1	0.04514	248.8
78460 PORTER 2	230 78980 ROTRDM.2 230	2	0.04638	255.3
78478 INGMS-CD	115 79136 INGHAM-E 115	1	0.00000	119.9
79583 MARCY T1	345 78703 N.SCOT99 345	1	0.20484	985.9
TOTALS FOR INTERFACE CE GROUP				1.00000 4451.2

TOTAL TRANS CAPAB	LIMITING ELEMENT	FROM	TO	CKT	DISTR. FACTOR	PRE-SHIFT MW	RATING BAS/CNT A/C	CONTINGENCY DESCRIPTION
2646.8	79303 SMAHWAH2	345	5028 WALDWICK	345 1	0.02821	639.9	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
3880.7	INTERFACE CENTRAL EAST				0.65730	3475.0	3100.0	OPEN 78450 [EDIC 345] TO 75403 [FRASR345 345] CKT 1 OPEN 79583 [MARCY T1 345] TO 75400 [COOPC345 345] CKT 1
4201.4	INTERFACE CENTRAL EAST				0.62928	3257.2	3100.0	OPEN 79583 [MARCY T1 345] TO 75400 [COOPC345 345] CKT 1 OPEN 75403 [FRASR345 345] TO 75400 [COOPC345 345] CKT 1
4419.5	INTERFACE CENTRAL EAST				0.60883	3119.3	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
4460.5	INTERFACE CENTRAL EAST				0.49471	3095.4	3100.0	SET BUS 71786 [SANDY PD 345] LOAD TO 0 MW DISPATCH
4460.5 *	INTERFACE CENTRAL EAST				0.49471	3095.4	3100.0	OPEN 70509 [SB RCTOR 115] TO 70508 [SANDB115 115] CKT 2 SET BUS 71786 [SANDY PD 345] LOAD TO 0 MW DISPATCH
4466.2	INTERFACE TOTAL EAST				1.00000	6485.0	6500.0	OPEN 70509 [SB RCTOR 115] TO 70508 [SANDB115 115] CKT 2 SET BUS 71786 [SANDY PD 345] LOAD TO 0 MW DISPATCH
4466.2	INTERFACE TOTAL EAST				1.00000	6485.0	6500.0	SET BUS 71786 [SANDY PD 345] LOAD TO 0 MW DISPATCH
4655.2	INTERFACE TOTAL EAST				1.00000	6296.0	6500.0	REMOVE MACHINE 1 FROM BUS 72869 [SBRK G1 25.0] DISPATCH
4655.2	INTERFACE TOTAL EAST				1.00000	6296.0	6500.0	OPEN 70509 [SB RCTOR 115] TO 70508 [SANDB115 115] CKT 2 REMOVE MACHINE 1 FROM BUS 72869 [SBRK G1 25.0] DISPATCH
4687.6 *	INTERFACE TOTAL EAST				1.00000	6263.6	6500.0	REMOVE MACHINE 3 FROM BUS 73563 [MILL#3 24.0] DISPATCH
5068.3	74344 PLTVLLEY	345 78701 LEEDS 3	345 2	-0.28766	-1546.5	1724.0	OPEN 78705 [ATHENS 345] TO 74344 [PLTVLLEY 345] CKT 1	
5211.5	74344 PLTVLLEY	345 78705 ATHENS	345 1	-0.27977	-1511.3	1724.0	OPEN 78701 [LEEDS 3 345] TO 74344 [PLTVLLEY 345] CKT 2	
5256.7	74344 PLTVLLEY	345 78701 LEEDS 3	345 2	-0.27581	-1501.8	1724.0	OPEN 78705 [ATHENS 345] TO 74344 [PLTVLLEY 345] CKT 1 OPEN 74344 [PLTVLLEY 345] TO 74341 [MILLWOOD 345] CKT 1	
5263.8	74344 PLTVLLEY	345 78701 LEEDS 3	345 2	-0.27610	-1499.7	1724.0	OPEN 78705 [ATHENS 345] TO 74344 [PLTVLLEY 345] CKT 1 OPEN 74344 [PLTVLLEY 345] TO 74356 [WOOD B 345] CKT 1	
5411.8	74344 PLTVLLEY	345 78705 ATHENS	345 1	-0.26858	-1466.0	1724.0	OPEN 78701 [LEEDS 3 345] TO 74344 [PLTVLLEY 345] CKT 2 OPEN 74344 [PLTVLLEY 345] TO 74356 [WOOD B 345] CKT 1	
5556.4	74344 PLTVLLEY	345 78705 ATHENS	345 1	-0.26141	-1435.1	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	
5655.9	74344 PLTVLLEY	345 78701 LEEDS 3	345 2	-0.26982	-1399.0	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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2005 SUMMER PEAK, LEVEL 5 (04/01/05)

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

TOTAL	LIMITING ELEMENT						DISTR.	PRE- RATING		CONTINGENCY DESCRIPTION			
TRANS	FROM	TO	CKT	FACTOR	MW	A/C	SHIFT	BAS/CNT					
CAPAB	FROM	TO	CKT	FACTOR	MW	A/C	SHIFT	BAS/CNT					
5659.8	79303 SMAHWAH2	345 5028 WALDWICK	345 1	0.03701	544.3	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
5681.8	*74344 PLTVLLEY	345 78701 LEEDS 3	345 2	-0.20206	-1082.3	1331.0	BASE	CASE					
5898.7	75403 FRASR345	345 75405 OAKDL345	345 1	-0.27048	-988.5	1380.0	OPEN	78450	[EDIC 345]	TO	75403	[FRASR345 345]	CKT 1
							OPEN	79583	[MARCY T1 345]	TO	75400	[COOPC345 345]	CKT 1
5931.0	74344 PLTVLLEY	345 78705 ATHENS	345 1	-0.25677	-1344.0	1724.0	OPEN	79583	[MARCY T1 345]	TO	75400	[COOPC345 345]	CKT 1
							OPEN	75403	[FRASR345 345]	TO	75400	[COOPC345 345]	CKT 1
5950.2	*74344 PLTVLLEY	345 78705 ATHENS	345 1	-0.19229	-1042.7	1331.0	BASE	CASE					
5991.3	78701 LEEDS 3	345 78703 N.SCOT99	345 2	-0.29538	-1269.1	1724.0	OPEN	78701	[LEEDS 3 345]	TO	78702	[N.SCOT77 345]	CKT 1
6053.4	78703 N.SCOT99	345 79583 MARCY T1	345 1	-0.27657	-1348.9	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
6114.0	78703 N.SCOT99	345 79583 MARCY T1	345 1	-0.27203	-1339.7	1792.0	OPEN	78450	[EDIC 345]	TO	75403	[FRASR345 345]	CKT 1
							OPEN	79583	[MARCY T1 345]	TO	75400	[COOPC345 345]	CKT 1
6117.5	75400 COOPC345	345 75403 FRASR345	345 1	-0.19462	-882.7	1207.0	BASE	CASE					
6183.0	75403 FRASR345	345 79581 GILB 345	345 1	0.28904	1023.4	1524.0	OPEN	79583	[MARCY T1 345]	TO	75400	[COOPC345 345]	CKT 1
							OPEN	75403	[FRASR345 345]	TO	75400	[COOPC345 345]	CKT 1
6202.2	75403 FRASR345	345 79581 GILB 345	345 1	0.29222	1012.3	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
6243.9	74002 ROSETON	345 74331 FISHKILL	345 1	0.18630	1601.0	1935.0	BASE	CASE					
6263.9	79586 ADRON B2	230 79590 MOSES W	230 1	-0.02658	-391.8	440.0	OPEN	79578	[MASS 765 765]	TO	79577	[MARCY765 765]	CKT 1
6263.9	79585 ADRON B1	230 79590 MOSES W	230 1	-0.02658	-391.8	440.0	OPEN	79578	[MASS 765 765]	TO	79577	[MARCY765 765]	CKT 1
6279.2	79304 N.M.TAP	345 79322 SHOEMTAP	138 1	0.06993	539.2	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
6297.4	78703 N.SCOT99	345 79583 MARCY T1	345 1	-0.27080	-1292.1	1792.0	OPEN	78450	[EDIC 345]	TO	78702	[N.SCOT77 345]	CKT 1
6358.4	75400 COOPC345	345 75403 FRASR345	345 1	-0.26069	-1205.8	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
6372.3	75400 COOPC345	345 79583 MARCY T1	345 1	-0.20131	-958.3	1345.0	OPEN	75403	[FRASR345 345]	TO	75400	[COOPC345 345]	CKT 1
							OPEN	75405	[OAKDL345 345]	TO	75403	[FRASR345 345]	CKT 1
6390.4	74001 ROCK TAV	345 74347 RAMAPO	345 1	0.31553	1557.1	2169.0	OPEN	74331	[FISHKILL 345]	TO	74022	[E FISH I 115]	CKT 1
							OPEN	74331	[FISHKILL 345]	TO	74002	[ROSETON 345]	CKT 1
6402.3	74001 ROCK TAV	345 74347 RAMAPO	345 1	0.31048	1563.2	2169.0	OPEN	74002	[ROSETON 345]	TO	74331	[FISHKILL 345]	CKT 1
6415.6	78703 N.SCOT99	345 79583 MARCY T1	345 1	-0.26615	-1269.2	1792.0	OPEN	79580	[JA FITZP 345]	TO	78450	[EDIC 345]	CKT 1
							OPEN	78702	[N.SCOT77 345]	TO	78450	[EDIC 345]	CKT 1
6420.8	75400 COOPC345	345 79583 MARCY T1	345 1	-0.19924	-952.6	1345.0	OPEN	75403	[FRASR345 345]	TO	75400	[COOPC345 345]	CKT 1
6424.0	75400 COOPC345	345 79583 MARCY T1	345 1	-0.19922	-952.0	1345.0	OPEN	75403	[FRASR345 345]	TO	75400	[COOPC345 345]	CKT 1
							OPEN	75400	[COOPC345 345]	TO	75440	[COOPC115 115]	CKT 1
6425.6	75400 COOPC345	345 75403 FRASR345	345 1	-0.25833	-1192.9	1703.0	OPEN	79583	[MARCY T1 345]	TO	75400	[COOPC345 345]	CKT 1
6428.8	75400 COOPC345	345 75403 FRASR345	345 1	-0.25827	-1192.3	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
6438.9	*75400 COOPC345	345 75403 FRASR345	345 1	-0.25818	-1189.8	1703.0	OPEN	79577	[MARCY765 765]	TO	79583	[MARCY T1 345]	CKT 1
							OPEN	79583	[MARCY T1 345]	TO	75400	[COOPC345 345]	CKT 1
6463.7	78450 EDIC	345 78702 N.SCOT77	345 1	0.25730	1206.2	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
6466.1	78450 EDIC	345 78702 N.SCOT77	345 1	0.25726	1205.7	1724.0	OPEN	78703	[N.SCOT99 345]	TO	79583	[MARCY T1 345]	CKT 1

CRPP SUM2009 BASE CASE V6B
 2005 SUMMER PEAK, LEVEL 5 (04/01/05)

*** 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:	2425.1	-1000.0	1425.1
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	161.1	-38.9 -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 ----->						<----- BASE CASE ----->									
						CKT						TOTAL		PRE-		POST-		LIMIT		DISTR.	
												TRANS		SHIFT		SHIFT		CASE		FACTOR	
												CAPAB		MW		MW		MW			
												A		MW		MW		MW			
74403	ASTORIAW	138	74496	HG	5	138	1	1030.4	177	126.5	279.4*	177.0*	0.15297								
74403	ASTORIAW	138	74497	HG	6	138	1	1090.2	177	120.4	265.4*	168.3	0.14500								
74316	DUNWODIE	345	75000	SHORE RD	345	1	1339.8	687	572.5	751.5*	631.6	0.17902									
74435	E179 ST	138	74497	HG	6	138	1	1508.7	222	20.8	-279.5*	-78.4	-0.30026								
74344	PLTVLLEY	345	78701	LEEDS	3	345	2	1928.8	1331	-1082.	-1285.	-1149.	-0.20236								
74344	PLTVLLEY	345	78705	ATHENS	345	1	2196.9	1331	-1043.	-1235.	-1106.	-0.19257									
74316	DUNWODIE	345	74650	REAC71	345	SR	2223.4	715	394.0	604.7	463.6	0.21072									
74316	DUNWODIE	345	74651	REAC72	345	SR	2223.4	715	394.0	604.7	463.6	0.21072									
74650	REAC71	345	74691	S. BRONX	345	3	2223.4	715	394.0	604.7	463.6	0.21072									
74651	REAC72	345	74691	S. BRONX	345	4	2223.4	715	394.0	604.7	463.6	0.21072									
74384	ASTE-ERG	138	74495	HG	4	138	1	2225.4	161	67.9	-82.2	18.3	-0.15006								
74402	ASTE-WRG	138	74492	HG	1	138	1	2235.6	161	69.2	-80.7	19.7	-0.14993								
74002	ROSETON	345	74331	FISHKILL	345	1	2367.8	1935	1601.0	1801.3	1667.2	0.20026									
74348	SPRBROOK	345	74567	REACM51	345	SR	2463.5	774	422.1	621.7	488.0	0.19956									
74348	SPRBROOK	345	74568	REACM52	345	SR	2463.5	774	422.1	621.7	488.0	0.19956									
74354	W 49 ST	345	74568	REACM52	345	2	2470.2	774	-420.7	-620.3	-486.7	-0.19956									
74354	W 49 ST	345	74567	REACM51	345	1	2470.2	774	-420.7	-620.3	-486.7	-0.19956									
74345	RAINEY	345	74612	8W DUM	138	8	2594.1	240	-183.7	40.0	-109.8	0.22368									
74435	E179 ST	138	74492	HG	1	138	1	2761.3	161	-148.2	1.8	-98.6	0.14999								
74435	E179 ST	138	74495	HG	4	138	1	2761.3	161	-148.2	1.8	-98.6	0.14999								
74345	RAINEY	345	74691	S. BRONX	345	4	2813.0	715	-269.8	-480.5	-339.4	-0.21070									
74345	RAINEY	345	74691	S. BRONX	345	3	2813.0	715	-269.8	-480.5	-339.4	-0.21070									
74345	RAINEY	345	74611	8E DUM	138	8	2997.2	271	-249.5	-22.9	-174.7	0.22661									

CRPP SUM2009 BASE CASE V6B
 2005 SUMMER PEAK, LEVEL 5 (04/01/05)

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

-<- INTERFACE 'F TO G		DEFINITION ->		PRE-
FROM	TO	CKT	DISTR. FACTOR	SHIFT MW
78742 BLUES-8	115 74043 PL.VAL 1	115 1	0.02169	58.9
78739 BL STR E	115 74043 PL.VAL 1	115 1	0.02538	52.4
78730 ADM	115 74043 PL.VAL 1	115 1	0.02251	51.3
78757 BOC 2T	115 74040 N.CAT. 1	115 2	0.02004	89.6
78701 LEEDS 3	345 74000 HURLEY 3	345 1	0.22582	703.5
78705 ATHENS	345 74344 PLTVLLEY 345	1	0.33380	1042.7
78701 LEEDS 3	345 74344 PLTVLLEY 345	2	0.35076	1082.3
TOTALS FOR INTERFACE F TO G				1.00000 3080.8

TOTAL TRANS CAPAB	LIMITING ELEMENT	DISTR. FACTOR	PRE-SHIFT MW	RATING BAS/CNT A/C	CONTINGENCY DESCRIPTION
1376.1	79319 RAMP138 138 79361 TALLMAN 138 1	0.04119	374.6	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
2381.0	79303 SMAHWAH2 345 5028 WALDWICK 345 1	0.07274	639.9	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
2407.3	74018 SUGARLF 115 74046 ROCK TV1 115 1	-0.03612	-242.3	218.0	OPEN 79321 [SHOEM138 138] TO 79322 [SHOEMTAP 138] CKT 1
2407.3	74018 SUGARLF 115 74046 ROCK TV1 115 1	-0.03612	-242.3	218.0	OPEN 79304 [N.M.TAP 345] TO 79322 [SHOEMTAP 138] CKT 1
2421.6	74018 SUGARLF 115 79359 SGRLF69 69.0 1	0.03612	241.8	218.0	OPEN 79321 [SHOEM138 138] TO 79322 [SHOEMTAP 138] CKT 1
2421.7	74018 SUGARLF 115 79359 SGRLF69 69.0 1	0.03612	241.8	218.0	OPEN 79304 [N.M.TAP 345] TO 79322 [SHOEMTAP 138] CKT 1
2730.6	74018 SUGARLF 115 74046 ROCK TV1 115 1	-0.03683	-230.9	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
2744.7	74018 SUGARLF 115 79359 SGRLF69 69.0 1	0.03683	230.4	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
2760.3	79313 MONSEY 138 79361 TALLMAN 138 1	-0.04120	-317.6	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
3271.3	74403 ASTORIAW 138 74496 HG 5 138 1	0.26516	126.5	177.0	BASE CASE
3305.9	74403 ASTORIAW 138 74497 HG 6 138 1	0.25135	120.4	177.0	BASE CASE
3349.0	74018 SUGARLF 115 74046 ROCK TV1 115 1	-0.04028	-207.2	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
3361.8	74018 SUGARLF 115 79359 SGRLF69 69.0 1	0.04027	206.7	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
3418.7	*74018 SUGARLF 115 74046 ROCK TV1 115 1	-0.04411	-203.1	218.0	OPEN 74001 [ROCK TAV 345] TO 74347 [RAMAPO 345] CKT 1
3430.4	*74018 SUGARLF 115 79359 SGRLF69 69.0 1	0.04411	202.6	218.0	OPEN 74001 [ROCK TAV 345] TO 74347 [RAMAPO 345] CKT 1
3436.3	74344 PLTVLLEY 345 78701 LEEDS 3 345 2	-0.49934	-1546.5	1724.0	OPEN 74344 [PLTVLLEY 345] TO 78705 [ATHENS 345] CKT 1

CRPP SUM2009 BASE CASE V6B
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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	439.8
75400 COOPC345 345	79304 N.M.TAP 345	1	0.17551	790.0
75400 COOPC345 345	74001 ROCK TAV 345	2	0.16427	693.3
75512 W.WDB115 115	76210 W.WDBR6969.0	1	0.00506	18.9
78742 BLUES-8 115	74043 PL.VAL 1 115	1	0.01253	58.9
78739 BL STR E 115	74043 PL.VAL 1 115	1	0.01466	52.4
78730 ADM 115	74043 PL.VAL 1 115	1	0.01300	51.3
78757 BOC 2T 115	74040 N.CAT. 1 115	2	0.01158	89.6
78701 LEEDS 3 345	74000 HURLEY 3 345	1	0.13044	703.5
78705 ATHENS 345	74344 PLTVLLEY 345	1	0.19282	1042.7
78701 LEEDS 3 345	74344 PLTVLLEY 345	2	0.20262	1082.3
73117 CTNY398 345	74344 PLTVLLEY 345	1	0.07751	-305.4
TOTALS FOR INTERFACE UPNY-S OPEN			1.00000	4717.3

TOTAL TRANS	FROM	TO	CKT	DISTR. FACTOR	PRE-RATING SHIFT MW	A/C	CONTINGENCY	DESCRIPTION
1766.2	79319 RAMP138 138	79361 TALLMAN 138	1	0.02379	374.6	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	
3505.9	79303 SMAHWAH2 345	5028 WALDWICK 345	1	0.04202	639.9	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	
3551.3	74018 SUGARLF 115	74046 ROCK TV1 115	1	-0.02086	-242.3	218.0	OPEN 79321 [SHOEM138 138] TO 79322 [SHOEMTAP 138] CKT 1	
3551.3	74018 SUGARLF 115	74046 ROCK TV1 115	1	-0.02086	-242.3	218.0	OPEN 79304 [N.M.TAP 345] TO 79322 [SHOEMTAP 138] CKT 1	
3576.2	74018 SUGARLF 115	79359 SGRLF69 69.0	1	0.02086	241.8	218.0	OPEN 79321 [SHOEM138 138] TO 79322 [SHOEMTAP 138] CKT 1	
3576.3	74018 SUGARLF 115	79359 SGRLF69 69.0	1	0.02086	241.8	218.0	OPEN 79304 [N.M.TAP 345] TO 79322 [SHOEMTAP 138] CKT 1	
4111.2	74018 SUGARLF 115	74046 ROCK TV1 115	1	-0.02127	-230.9	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	
4135.6	74018 SUGARLF 115	79359 SGRLF69 69.0	1	0.02127	230.4	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	
4162.4	79313 MONSEY 138	79361 TALLMAN 138	1	-0.02380	-317.6	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	
5047.2	74403 ASTORIAW 138	74496 HG 5 138	1	0.15317	126.5	177.0	BASE CASE	
5107.0	74403 ASTORIAW 138	74497 HG 6 138	1	0.14519	120.4	177.0	BASE CASE	
5181.6	74018 SUGARLF 115	74046 ROCK TV1 115	1	-0.02327	-207.2	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	

CRPP SUM2009 BASE CASE V6B
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*** TLTG TRANSFER LIMIT OUTPUT FOR INTERFACE UPNY-S OPEN ***

TOTAL TRANS CAPAB	LIMITING ELEMENT						DISTR. FACTOR	PRE- RATING		CONTINGENCY DESCRIPTION		
	FROM	TO	CKT		MW	A/C						
5203.9	74018 SUGARLF	115 79359 SGRLF69	69.0 1	0.02326	206.7	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	
5302.3	*74018 SUGARLF	115 74046 ROCK TV1	115 1	-0.02548	-203.1	218.0	OPEN	74001	[ROCK TAV 345]	TO	74347 [RAMAPO 345] CKT 1	
5322.6	*74018 SUGARLF	115 79359 SGRLF69	69.0 1	0.02548	202.6	218.0	OPEN	74001	[ROCK TAV 345]	TO	74347 [RAMAPO 345] CKT 1	
5332.8	74344 PLTVLLEY	345 78701 LEEDS 3	345 2	-0.28844	-1546.5	1724.0	OPEN	74344	[PLTVLLEY 345]	TO	78705 [ATHENS 345] CKT 1	
5356.3	74316 DUNWODIE	345 75000 SHORE RD	345 1	0.17925	572.5	687.0	BASE CASE					
5469.3	79308 CHESTER	138 79321 SHOEM138	138 1	-0.05340	-264.2	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	
5475.6	74344 PLTVLLEY	345 78705 ATHENS	345 1	-0.28053	-1511.3	1724.0	OPEN	74344	[PLTVLLEY 345]	TO	78701 [LEEDS 3 345] CKT 2	
5520.4	74344 PLTVLLEY	345 78701 LEEDS 3	345 2	-0.27662	-1501.8	1724.0	OPEN	78705	[ATHENS 345]	TO	74344 [PLTVLLEY 345] CKT 1	
							OPEN	74344	[PLTVLLEY 345]	TO	74341 [MILLWOOD 345] CKT 1	
5521.8	74403 ASTORIAW	138 74496 HG 5	138 1	0.29411	243.4	480.0	OPEN	74403	[ASTORIAW 138]	TO	74497 [HG 6 138] CKT 1	
5524.4	74403 ASTORIAW	138 74497 HG 6	138 1	0.29364	243.0	480.0	OPEN	74403	[ASTORIAW 138]	TO	74496 [HG 5 138] CKT 1	
5524.9	74435 E179 ST	138 74497 HG 6	138 1	-0.30065	20.8	222.0	BASE CASE					
5527.5	74344 PLTVLLEY	345 78701 LEEDS 3	345 2	-0.27691	-1499.7	1724.0	OPEN	78705	[ATHENS 345]	TO	74344 [PLTVLLEY 345] CKT 1	
							OPEN	74344	[PLTVLLEY 345]	TO	74356 [WOOD B 345] CKT 1	
5536.7	79311 BURNS138	138 79313 MONSEY	138 1	-0.02380	-284.9	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	[BOWL 20.0]	TO	74310 [BOWLINE1 345] CKT 1	
							REDUCE BUS 79391 [BOWL 20.0] GENERATION BY 100 PERCENT DISPATCH					
5675.1	74344 PLTVLLEY	345 78705 ATHENS	345 1	-0.26937	-1466.0	1724.0	OPEN	78701	[LEEDS 3 345]	TO	74344 [PLTVLLEY 345] CKT 2	
							OPEN	74344	[PLTVLLEY 345]	TO	74356 [WOOD B 345] CKT 1	
5816.9	74344 PLTVLLEY	345 78705 ATHENS	345 1	-0.26274	-1435.1	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	
5915.6	74344 PLTVLLEY	345 78701 LEEDS 3	345 2	-0.27126	-1399.0	1724.0	OPEN	79583	[MARCY T1 345]	TO	75400 [COOPC345 345] CKT 1	
							OPEN	75403	[FRASR345 345]	TO	75400 [COOPC345 345] CKT 1	
5944.5	*74344 PLTVLLEY	345 78701 LEEDS 3	345 2	-0.20262	-1082.3	1331.0	BASE CASE					
5961.4	74403 ASTORIAW	138 74497 HG 6	138 1	0.29476	113.3	480.0	OPEN	74496	[HG 5 138]	TO	74497 [HG 6 138] CKT 1	
5966.9	79303 SMAHWAH2	345 5028 WALDWICK	345 1	0.03580	544.3	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	
6047.4	74345 RAINEY	345 74691 S. BRONX	345 4	-0.41434	-529.9	1081.0	OPEN	74345	[RAINEY 345]	TO	74691 [S. BRONX 345] CKT 3	
6047.4	74345 RAINEY	345 74691 S. BRONX	345 3	-0.41434	-529.9	1081.0	OPEN	74345	[RAINEY 345]	TO	74691 [S. BRONX 345] CKT 4	
6101.2	79308 CHESTER	138 79323 SGRLF138	138 1	0.05340	230.5	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	
6112.8	79308 CHESTER	138 79321 SHOEM138	138 1	-0.04946	-235.4	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	
6127.6	74435 E179 ST	138 74497 HG 6	138 1	-0.30072	-55.9	480.0	OPEN	74348	[SPRBROOK 345]	TO	74351 [TREMONT 345] CKT 1	
							OPEN	74348	[SPRBROOK 345]	TO	74419 [DUN NO T 138] CKT 6	
6137.8	74435 E179 ST	138 74497 HG 6	138 1	-0.30071	-52.9	480.0	OPEN	74348	[SPRBROOK 345]	TO	74351 [TREMONT 345] CKT 1	
							OPEN	74348	[SPRBROOK 345]	TO	74423 [DUN SO T 138] CKT 7	

CRPP SUM2009 BASE CASE V6B
2005 SUMMER PEAK, LEVEL 5 (04/01/05)

*** 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	1601.0
74026 FISHKILL 115	75762 SYLVN115 115	1	0.00963	137.8
74022 E FISH I 115	74331 FISHKILL 345	1	0.01838	-141.4
74340 LADENTWN 345	74313 BUCH S 345	1	0.13592	356.5
74344 PLTVLLEY 345	74331 FISHKILL 345	1	0.07768	149.4
74344 PLTVLLEY 345	74331 FISHKILL 345	2	0.07768	149.4
74344 PLTVLLEY 345	74341 MILLWOOD 345	1	0.17355	674.3
74344 PLTVLLEY 345	74356 WOOD B 345	1	0.17126	711.5
74347 RAMAPO 345	74312 BUCH N 345	1	0.13558	56.7
TOTALS FOR INTERFACE UPNY-C OPEN			1.00000	3695.3

TOTAL TRANS CAPAB	LIMITING ELEMENT	FROM	TO	CKT	DISTR. FACTOR	PRE-RATING SHIFT BAS/CNT MW A/C	CONTINGENCY	DESCRIPTION
741.3	79319 RAMP138 138	79361 TALLMAN 138	1	0.02377	374.6	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	
2482.7	79303 SMAHWAH2 345	5028 WALDWICK 345	1	0.04198	639.9	589.0	REDUCE BUS 79391 [BOW1 20.0] GENERATION BY 100 PERCENT DISPATCH 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	
2528.2	74018 SUGARLF 115	74046 ROCK TV1 115	1	-0.02084	-242.3	218.0	OPEN 79321 [SHOEM138 138] TO 79322 [SHOEMTAP 138] CKT 1	
2528.2	74018 SUGARLF 115	74046 ROCK TV1 115	1	-0.02084	-242.3	218.0	OPEN 79304 [N.M.TAP 345] TO 79322 [SHOEMTAP 138] CKT 1	
2553.2	74018 SUGARLF 115	79359 SGRLF69 69.0	1	0.02084	241.8	218.0	OPEN 79321 [SHOEM138 138] TO 79322 [SHOEMTAP 138] CKT 1	
2553.2	74018 SUGARLF 115	79359 SGRLF69 69.0	1	0.02084	241.8	218.0	OPEN 79304 [N.M.TAP 345] TO 79322 [SHOEMTAP 138] CKT 1	
3088.6	74018 SUGARLF 115	74046 ROCK TV1 115	1	-0.02125	-230.9	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	
3113.0	74018 SUGARLF 115	79359 SGRLF69 69.0	1	0.02125	230.4	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	
3139.9	79313 MONSEY 138	79361 TALLMAN 138	1	-0.02377	-317.6	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	
4025.5	74403 ASTORIAW 138	74496 HG 5 138	1	0.15302	126.5	177.0	REDUCE BUS 79391 [BOW1 20.0] GENERATION BY 100 PERCENT DISPATCH BASE CASE	
4085.3	74403 ASTORIAW 138	74497 HG 6 138	1	0.14505	120.4	177.0	BASE CASE	
4160.0	74018 SUGARLF 115	74046 ROCK TV1 115	1	-0.02324	-207.2	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	
4182.3	74018 SUGARLF 115	79359 SGRLF69 69.0	1	0.02324	206.7	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	
4280.8	*74018 SUGARLF 115	74046 ROCK TV1 115	1	-0.02545	-203.1	218.0	OPEN 74001 [ROCK TAV 345] TO 74347 [RAMAPO 345] CKT 1	

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

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

TOTAL TRANS	LIMITING ELEMENT						DISTR.	PRE-RATING		CONTINGENCY DESCRIPTION					
CAPAB	FROM	TO	CKT	FACTOR	MW	A/C	SHIFT	BAS/CNT							
4301.2	*74018	SUGARLF 115	79359	SGRLF69	69.0	1	0.02545	202.6	218.0	OPEN	74001	[ROCK TAV 345]	TO 74347	[RAMAPO 345]	CKT 1
4311.3	74344	PLTVLLEY 345	78701	LEEDS 3	345	2	-0.28817	-1546.5	1724.0	OPEN	74344	[PLTVLLEY 345]	TO 78705	[ATHENS 345]	CKT 1
4334.9	74316	DUNWODIE 345	75000	SHORE RD	345	1	0.17908	572.5	687.0	BASE	CASE				
4448.0	79308	CHESTER 138	79321	SHOEM138	138	1	-0.05335	-264.2	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
4454.3	74344	PLTVLLEY 345	78705	ATHENS	345	1	-0.28026	-1511.3	1724.0	OPEN	74344	[PLTVLLEY 345]	TO 78701	[LEEDS 3 345]	CKT 2
4499.2	74344	PLTVLLEY 345	78701	LEEDS 3	345	2	-0.27636	-1501.8	1724.0	OPEN	78705	[ATHENS 345]	TO 74344	[PLTVLLEY 345]	CKT 1
										OPEN	74344	[PLTVLLEY 345]	TO 74341	[MILLWOOD 345]	CKT 1
4500.6	74403	ASTORIAW 138	74496	HG 5	138	1	0.29383	243.4	480.0	OPEN	74403	[ASTORIAW 138]	TO 74497	[HG 6 138]	CKT 1
4503.2	74403	ASTORIAW 138	74497	HG 6	138	1	0.29336	243.0	480.0	OPEN	74403	[ASTORIAW 138]	TO 74496	[HG 5 138]	CKT 1
4503.7	74435	E179 ST 138	74497	HG 6	138	1	-0.30036	20.8	222.0	BASE	CASE				
4506.3	74344	PLTVLLEY 345	78701	LEEDS 3	345	2	-0.27665	-1499.7	1724.0	OPEN	78705	[ATHENS 345]	TO 74344	[PLTVLLEY 345]	CKT 1
										OPEN	74344	[PLTVLLEY 345]	TO 74356	[WOOD B 345]	CKT 1
4515.5	79311	BURNS138 138	79313	MONSEY	138	1	-0.02377	-284.9	304.4	OPEN	74347	[RAMAPO 345]	TO 74340	[LADENTWN 345]	CKT 1
										OPEN	74340	[LADENTWN 345]	TO 79300	[WHAHV345 345]	CKT 1
										OPEN	79300	[WHAHV345 345]	TO 74310	[BOWLINE1 345]	CKT 10
										OPEN	79300	[WHAHV345 345]	TO 79325	[WHAHV138 138]	CKT 1
										OPEN	79391	[BOWL 20.0]	TO 74310	[BOWLINE1 345]	CKT 1
										REDUCE BUS	79391	[BOWL 20.0]	GENERATION BY 100 PERCENT DISPATCH		
4654.0	74344	PLTVLLEY 345	78705	ATHENS	345	1	-0.26912	-1466.0	1724.0	OPEN	78701	[LEEDS 3 345]	TO 74344	[PLTVLLEY 345]	CKT 2
										OPEN	74344	[PLTVLLEY 345]	TO 74356	[WOOD B 345]	CKT 1
4796.0	74344	PLTVLLEY 345	78705	ATHENS	345	1	-0.26250	-1435.1	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
4894.8	74344	PLTVLLEY 345	78701	LEEDS 3	345	2	-0.27100	-1399.0	1724.0	OPEN	79583	[MARCY T1 345]	TO 75400	[COOPC345 345]	CKT 1
										OPEN	75403	[FRASR345 345]	TO 75400	[COOPC345 345]	CKT 1
4923.7	*74344	PLTVLLEY 345	78701	LEEDS 3	345	2	-0.20242	-1082.3	1331.0	BASE	CASE				
4940.5	74403	ASTORIAW 138	74497	HG 6	138	1	0.29448	113.3	480.0	OPEN	74496	[HG 5 138]	TO 74497	[HG 6 138]	CKT 1
4946.1	79303	SMAHWAH2 345	5028	WALDWICK	345	1	0.03577	544.3	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
5026.6	74345	RAINEY 345	74691	S. BRONX	345	4	-0.41395	-529.9	1081.0	OPEN	74345	[RAINEY 345]	TO 74691	[S. BRONX 345]	CKT 3
5026.6	74345	RAINEY 345	74691	S. BRONX	345	3	-0.41395	-529.9	1081.0	OPEN	74345	[RAINEY 345]	TO 74691	[S. BRONX 345]	CKT 4
5080.5	79308	CHESTER 138	79323	SGRLF138	138	1	0.05335	230.5	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
5092.1	79308	CHESTER 138	79321	SHOEM138	138	1	-0.04941	-235.4	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
5107.0	74435	E179 ST 138	74497	HG 6	138	1	-0.30043	-55.9	480.0	OPEN	74348	[SPRBROOK 345]	TO 74351	[TREMONT 345]	CKT 1
										OPEN	74348	[SPRBROOK 345]	TO 74419	[DUN NO T 138]	CKT 6
5117.1	74435	E179 ST 138	74497	HG 6	138	1	-0.30042	-52.9	480.0	OPEN	74348	[SPRBROOK 345]	TO 74351	[TREMONT 345]	CKT 1
										OPEN	74348	[SPRBROOK 345]	TO 74423	[DUN SO T 138]	CKT 7
5141.8	74435	E179 ST 138	74497	HG 6	138	1	-0.30174	-43.5	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
5168.6	74344	PLTVLLEY 345	78705	ATHENS	345	1	-0.25789	-1344.0	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 UPNY-C OPEN ***

TOTAL	LIMITING ELEMENT							DISTR.	PRE- RATING		CONTINGENCY DESCRIPTION					
TRANS	FROM	TO	CKT	FACTOR	MW	A/C	SHIFT	BAS/CNT								
CAPAB	FROM	TO	CKT	FACTOR	MW	A/C	SHIFT	BAS/CNT								
5178.5	*74435	E179 ST	138	74497 HG 6	138	1	-0.30036	-34.5	480.0	OPEN	74348	[SPRBROOK 345]	TO	74351	[TREMONT 345]	CKT 1
										OPEN	74351	[TREMONT 345]	TO	74512	[PARK TR1 138]	CKT 1
										OPEN	74351	[TREMONT 345]	TO	74513	[PARK TR2 138]	CKT 1
5191.7	*74344	PLTVLLEY	345	78705 ATHENS	345	1	-0.19263	-1042.7	1331.0	BASE	CASE					
5218.2	74316	DUNWODIE	345	74651 REAC72	345	SR	0.21079	394.0	715.0	BASE	CASE					
5218.2	74316	DUNWODIE	345	74650 REAC71	345	SR	0.21079	394.0	715.0	BASE	CASE					
5218.2	74651	REAC72	345	74691 S. BRONX	345	4	0.21079	394.0	715.0	BASE	CASE					
5218.2	74650	REAC71	345	74691 S. BRONX	345	3	0.21079	394.0	715.0	BASE	CASE					
5220.1	74384	ASTE-ERG	138	74495 HG 4	138	1	-0.15010	67.9	161.0	BASE	CASE					
5230.4	74402	ASTE-WRG	138	74492 HG 1	138	1	-0.14998	69.2	161.0	BASE	CASE					
5271.3	79308	CHESTER	138	79321 SHOEM138	138	1	-0.04913	-227.0	304.4	OPEN	74001	[ROCK TAV 345]	TO	75400	[COOPC345 345]	CKT 2
										OPEN	74001	[ROCK TAV 345]	TO	74347	[RAMAPO 345]	CKT 1
5315.5	79308	CHESTER	138	79321 SHOEM138	138	1	-0.04566	-230.4	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
5328.4	*79308	CHESTER	138	79321 SHOEM138	138	1	-0.04865	-224.9	304.4	OPEN	74001	[ROCK TAV 345]	TO	74347	[RAMAPO 345]	CKT 1
5362.5	74002	ROSETON	345	74331 FISHKILL	345	1	0.20033	1601.0	1935.0	BASE	CASE					
5458.2	74348	SPRBROOK	345	74567 REACM51	345	SR	0.19962	422.1	774.0	BASE	CASE					
5458.2	74348	SPRBROOK	345	74568 REACM52	345	SR	0.19962	422.1	774.0	BASE	CASE					
5464.9	74354	W 49 ST	345	74568 REACM52	345	2	-0.19962	-420.7	774.0	BASE	CASE					
5464.9	74354	W 49 ST	345	74567 REACM51	345	1	-0.19962	-420.7	774.0	BASE	CASE					
5572.4	74345	RAINEY	345	74612 8W DUM	138	8	0.30001	-250.1	313.0	OPEN	74530	[RAINEY8E 138]	TO	74611	[8E DUM 138]	CKT 1
5572.8	74345	RAINEY	345	74612 8W DUM	138	8	0.30000	-250.3	313.0	OPEN	74530	[RAINEY8E 138]	TO	74556	[VERNON-E 138]	CKT 1
5588.7	74345	RAINEY	345	74612 8W DUM	138	8	0.22376	-183.7	240.0	BASE	CASE					
5612.5	79304	N.M.TAP	345	79322 SHOEMTAP	138	1	0.06668	539.2	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
5630.6	74345	RAINEY	345	74612 8W DUM	138	8	0.30001	-267.6	313.0	OPEN	74345	[RAINEY 345]	TO	74611	[8E DUM 138]	CKT 8
5675.5	74001	ROCK TAV	345	74347 RAMAPO	345	1	0.30902	1557.1	2169.0	OPEN	74331	[FISHKILL 345]	TO	74022	[E FISH I 115]	CKT 1
										OPEN	74331	[FISHKILL 345]	TO	74002	[ROSETON 345]	CKT 1
5689.9	74001	ROCK TAV	345	74347 RAMAPO	345	1	0.30372	1563.2	2169.0	OPEN	74002	[ROSETON 345]	TO	74331	[FISHKILL 345]	CKT 1
5702.6	74403	ASTORIAW	138	74496 HG 5	138	1	0.15341	172.1	480.0	OPEN	74403	[ASTORIAW 138]	TO	74494	[HG 3 138]	CKT 1
5703.2	79304	N.M.TAP	345	75400 COOPC345	345	1	-0.27948	-1231.8	1793.0	OPEN	74001	[ROCK TAV 345]	TO	75400	[COOPC345 345]	CKT 2
										OPEN	75400	[COOPC345 345]	TO	75440	[COOPC115 115]	CKT 1
5704.7	74403	ASTORIAW	138	74496 HG 5	138	1	0.15341	171.8	480.0	OPEN	74403	[ASTORIAW 138]	TO	74493	[HG 2 138]	CKT 1
5705.9	*74345	RAINEY	345	74612 8W DUM	138	8	0.22376	-136.9	313.0	OPEN	74612	[8W DUM 138]	TO	74728	[RYYGT81113.8]	CKT 1
5715.0	79304	N.M.TAP	345	75400 COOPC345	345	1	-0.27926	-1229.0	1793.0	OPEN	74001	[ROCK TAV 345]	TO	75400	[COOPC345 345]	CKT 2
5749.8	*74403	ASTORIAW	138	74496 HG 5	138	1	0.15306	165.5	480.0	OPEN	74348	[SPRBROOK 345]	TO	74351	[TREMONT 345]	CKT 1
										OPEN	74348	[SPRBROOK 345]	TO	74419	[DUN NO T 138]	CKT 6
5755.9	74435	E179 ST	138	74492 HG 1	138	1	0.15004	-148.2	161.0	BASE	CASE					
5755.9	74435	E179 ST	138	74495 HG 4	138	1	0.15004	-148.2	161.0	BASE	CASE					
5764.1	79302	SMAHWAHL	345	5028 WALDWICK	345	1	0.04637	506.1	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
5775.0	79308	CHESTER	138	79323 SGRLF138	138	1	0.04941	201.6	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
5807.5	74345	RAINEY	345	74691 S. BRONX	345	3	-0.21077	-269.8	715.0	BASE	CASE					
5807.5	74345	RAINEY	345	74691 S. BRONX	345	4	-0.21077	-269.8	715.0	BASE	CASE					

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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	896.9
74331 FISHKILL 345	74342 PL VILLE 345	1	0.18770	819.8
74341 MILLWOOD 345	74318 E VIEW2 345	1	0.16988	870.3
74341 MILLWOOD 345	74319 E VIEW3 345	1	0.16059	827.7
74341 MILLWOOD 345	74320 E VIEW4 345	1	0.16059	827.7
74355 WOOD A 345	74343 PL VILLW 345	1	0.18836	762.9
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	200.0
73166 NORHR138	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	6435.3

TOTAL TRANS CAPAB	LIMITING ELEMENT	FROM	TO	CKT	DISTR. FACTOR	PRE-SHIFT MW	RATING BAS/CNT A/C	CONTINGENCY DESCRIPTION
3481.4	79319 RAMP138	138	79361 TALLMAN	138	1	0.02377	374.6 304.4	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
5222.7	79303 SMAHWAH2	345	5028 WALDWICK	345	1	0.04198	639.9 589.0	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
5268.2	74018 SUGARLF	115	74046 ROCK TV1	115	1	-0.02084	-242.3 218.0	OPEN 79321 [SHOEM138 138] TO 79322 [SHOEMTAP 138] CKT 1
5268.2	74018 SUGARLF	115	74046 ROCK TV1	115	1	-0.02084	-242.3 218.0	OPEN 79304 [N.M.TAP 345] TO 79322 [SHOEMTAP 138] CKT 1
5293.1	74018 SUGARLF	115	79359 SGRLF69	69.0	1	0.02084	241.8 218.0	OPEN 79321 [SHOEM138 138] TO 79322 [SHOEMTAP 138] CKT 1
5293.1	74018 SUGARLF	115	79359 SGRLF69	69.0	1	0.02084	241.8 218.0	OPEN 79304 [N.M.TAP 345] TO 79322 [SHOEMTAP 138] CKT 1
5828.6	74018 SUGARLF	115	74046 ROCK TV1	115	1	-0.02125	-230.9 218.0	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
5853.0	74018 SUGARLF	115	79359 SGRLF69	69.0	1	0.02125	230.4 218.0	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
5879.9	79313 MONSEY	138	79361 TALLMAN	138	1	-0.02378	-317.6 304.4	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
6765.5	74403 ASTORIAW	138	74496 HG	5	138	1	0.15302	126.5 177.0 BASE CASE
6825.3	74403 ASTORIAW	138	74497 HG	6	138	1	0.14505	120.4 177.0 BASE CASE
6899.9	74018 SUGARLF	115	74046 ROCK TV1	115	1	-0.02324	-207.2 218.0	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	LIMITING ELEMENT						DISTR.	PRE- RATING		CONTINGENCY DESCRIPTION		
TRANS	FROM	TO	CKT	FACTOR	MW	A/C	SHIFT	BAS/CNT				
CAPAB	FROM	TO	CKT	FACTOR	MW	A/C	SHIFT	BAS/CNT				
6922.3	74018 SUGARLF	115 79359 SGRLF69	69.0 1	0.02324	206.7	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	
7020.7	*74018 SUGARLF	115 74046 ROCK TV1	115 1	-0.02545	-203.1	218.0	OPEN	74001 [ROCK TAV 345]	TO	74347 [RAMAPO 345]	CKT 1	
7041.1	*74018 SUGARLF	115 79359 SGRLF69	69.0 1	0.02545	202.6	218.0	OPEN	74001 [ROCK TAV 345]	TO	74347 [RAMAPO 345]	CKT 1	
7051.3	74344 PLTVLLEY	345 78701 LEEDS 3	345 2	-0.28818	-1546.5	1724.0	OPEN	74344 [PLTVLLEY 345]	TO	78705 [ATHENS 345]	CKT 1	
7074.8	74316 DUNWODIE	345 75000 SHORE RD	345 1	0.17909	572.5	687.0	BASE CASE					
7187.9	79308 CHESTER	138 79321 SHOEM138	138 1	-0.05336	-264.2	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	
7194.2	74344 PLTVLLEY	345 78705 ATHENS	345 1	-0.28027	-1511.3	1724.0	OPEN	74344 [PLTVLLEY 345]	TO	78701 [LEEDS 3 345]	CKT 2	
7239.1	74344 PLTVLLEY	345 78701 LEEDS 3	345 2	-0.27637	-1501.8	1724.0	OPEN	78705 [ATHENS 345]	TO	74344 [PLTVLLEY 345]	CKT 1	
							OPEN	74344 [PLTVLLEY 345]	TO	74341 [MILLWOOD 345]	CKT 1	
7240.5	74403 ASTORIAW	138 74496 HG 5	138 1	0.29384	243.4	480.0	OPEN	74403 [ASTORIAW 138]	TO	74497 [HG 6 138]	CKT 1	
7243.1	74403 ASTORIAW	138 74497 HG 6	138 1	0.29337	243.0	480.0	OPEN	74403 [ASTORIAW 138]	TO	74496 [HG 5 138]	CKT 1	
7243.6	74435 E179 ST	138 74497 HG 6	138 1	-0.30037	20.8	222.0	BASE CASE					
7246.2	74344 PLTVLLEY	345 78701 LEEDS 3	345 2	-0.27666	-1499.7	1724.0	OPEN	78705 [ATHENS 345]	TO	74344 [PLTVLLEY 345]	CKT 1	
							OPEN	74344 [PLTVLLEY 345]	TO	74356 [WOOD B 345]	CKT 1	
7255.4	79311 BURNS138	138 79313 MONSEY	138 1	-0.02377	-284.9	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 [BOWL 20.0]	TO	74310 [BOWLINE1 345]	CKT 1	
							REDUCE BUS 79391 [BOWL 20.0] GENERATION BY 100 PERCENT DISPATCH					
7394.0	74344 PLTVLLEY	345 78705 ATHENS	345 1	-0.26912	-1466.0	1724.0	OPEN	78701 [LEEDS 3 345]	TO	74344 [PLTVLLEY 345]	CKT 2	
							OPEN	74344 [PLTVLLEY 345]	TO	74356 [WOOD B 345]	CKT 1	
7535.9	74344 PLTVLLEY	345 78705 ATHENS	345 1	-0.26250	-1435.1	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	
7634.7	74344 PLTVLLEY	345 78701 LEEDS 3	345 2	-0.27101	-1399.0	1724.0	OPEN	79583 [MARCY T1 345]	TO	75400 [COOPC345 345]	CKT 1	
							OPEN	75403 [FRASR345 345]	TO	75400 [COOPC345 345]	CKT 1	
7663.6	*74344 PLTVLLEY	345 78701 LEEDS 3	345 2	-0.20243	-1082.3	1331.0	BASE CASE					
7680.4	74403 ASTORIAW	138 74497 HG 6	138 1	0.29449	113.3	480.0	OPEN	74496 [HG 5 138]	TO	74497 [HG 6 138]	CKT 1	
7686.0	79303 SMAHWAH2	345 5028 WALDWICK	345 1	0.03577	544.3	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	
7766.5	74345 RAINEY	345 74691 S. BRONX	345 4	-0.41396	-529.9	1081.0	OPEN	74345 [RAINEY 345]	TO	74691 [S. BRONX 345]	CKT 3	
7766.5	74345 RAINEY	345 74691 S. BRONX	345 3	-0.41396	-529.9	1081.0	OPEN	74345 [RAINEY 345]	TO	74691 [S. BRONX 345]	CKT 4	
7820.4	79308 CHESTER	138 79323 SGRLF138	138 1	0.05335	230.5	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	
7832.0	79308 CHESTER	138 79321 SHOEM138	138 1	-0.04941	-235.4	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	
7846.9	74435 E179 ST	138 74497 HG 6	138 1	-0.30044	-55.9	480.0	OPEN	74348 [SPRBROOK 345]	TO	74351 [TREMONT 345]	CKT 1	
							OPEN	74348 [SPRBROOK 345]	TO	74419 [DUN NO T 138]	CKT 6	
7857.0	74435 E179 ST	138 74497 HG 6	138 1	-0.30043	-52.9	480.0	OPEN	74348 [SPRBROOK 345]	TO	74351 [TREMONT 345]	CKT 1	
							OPEN	74348 [SPRBROOK 345]	TO	74423 [DUN SO T 138]	CKT 7	

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

TOTAL	LIMITING ELEMENT							DISTR.	PRE- RATING		CONTINGENCY DESCRIPTION					
TRANS	FROM	TO	CKT	FACTOR	MW	A/C	SHIFT	BAS	CNT							
CAPAB	FROM	TO	CKT	FACTOR	MW	A/C	SHIFT	BAS	CNT							
7881.7	74435	E179 ST	138	74497 HG 6	138	1	-0.30175	-43.5	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
7908.5	74344	PLTVLLEY	345	78705 ATHENS	345	1	-0.25790	-1344.0	1724.0	OPEN	79583	[MARCY T1 345]	TO	75400	[COOPC345 345]	CKT 1
										OPEN	75403	[FRASR345 345]	TO	75400	[COOPC345 345]	CKT 1
7918.4	*74435	E179 ST	138	74497 HG 6	138	1	-0.30037	-34.5	480.0	OPEN	74348	[SPRBROOK 345]	TO	74351	[TREMONT 345]	CKT 1
										OPEN	74351	[TREMONT 345]	TO	74512	[PARK TR1 138]	CKT 1
										OPEN	74351	[TREMONT 345]	TO	74513	[PARK TR2 138]	CKT 1
7931.6	*74344	PLTVLLEY	345	78705 ATHENS	345	1	-0.19264	-1042.7	1331.0	BASE CASE						
7958.1	74316	DUNWODIE	345	74651 REAC72	345	SR	0.21079	394.0	715.0	BASE CASE						
7958.1	74316	DUNWODIE	345	74650 REAC71	345	SR	0.21079	394.0	715.0	BASE CASE						
7958.1	74651	REAC72	345	74691 S. BRONX	345	4	0.21079	394.0	715.0	BASE CASE						
7958.1	74650	REAC71	345	74691 S. BRONX	345	3	0.21079	394.0	715.0	BASE CASE						
7960.0	74384	ASTE-ERG	138	74495 HG 4	138	1	-0.15011	67.9	161.0	BASE CASE						
7970.3	74402	ASTE-WRG	138	74492 HG 1	138	1	-0.14999	69.2	161.0	BASE CASE						
8011.2	79308	CHESTER	138	79321 SHOEM138	138	1	-0.04913	-227.0	304.4	OPEN	74001	[ROCK TAV 345]	TO	75400	[COOPC345 345]	CKT 2
										OPEN	74001	[ROCK TAV 345]	TO	74347	[RAMAPO 345]	CKT 1
8055.4	79308	CHESTER	138	79321 SHOEM138	138	1	-0.04566	-230.4	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
8068.3	*79308	CHESTER	138	79321 SHOEM138	138	1	-0.04865	-224.9	304.4	OPEN	74001	[ROCK TAV 345]	TO	74347	[RAMAPO 345]	CKT 1
8102.4	74002	ROSETON	345	74331 FISHKILL	345	1	0.20033	1601.0	1935.0	BASE CASE						
8198.1	74348	SPRBROOK	345	74567 REACM51	345	SR	0.19963	422.1	774.0	BASE CASE						
8198.1	74348	SPRBROOK	345	74568 REACM52	345	SR	0.19963	422.1	774.0	BASE CASE						
8204.8	74354	W 49 ST	345	74568 REACM52	345	2	-0.19963	-420.7	774.0	BASE CASE						
8204.8	74354	W 49 ST	345	74567 REACM51	345	1	-0.19963	-420.7	774.0	BASE CASE						
8312.3	74345	RAINEY	345	74612 8W DUM	138	8	0.30001	-250.1	313.0	OPEN	74530	[RAINEY8E 138]	TO	74611	[8E DUM 138]	CKT 1
8312.7	74345	RAINEY	345	74612 8W DUM	138	8	0.30001	-250.3	313.0	OPEN	74530	[RAINEY8E 138]	TO	74556	[VERNON-E 138]	CKT 1
8328.6	74345	RAINEY	345	74612 8W DUM	138	8	0.22376	-183.7	240.0	BASE CASE						
8352.4	79304	N.M.TAP	345	79322 SHOEMTAP	138	1	0.06668	539.2	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
8370.5	74345	RAINEY	345	74612 8W DUM	138	8	0.30001	-267.6	313.0	OPEN	74345	[RAINEY 345]	TO	74611	[8E DUM 138]	CKT 8
8415.3	74001	ROCK TAV	345	74347 RAMAPO	345	1	0.30903	1557.1	2169.0	OPEN	74331	[FISHKILL 345]	TO	74022	[E FISH I 115]	CKT 1
										OPEN	74331	[FISHKILL 345]	TO	74002	[ROSETON 345]	CKT 1
8429.8	74001	ROCK TAV	345	74347 RAMAPO	345	1	0.30373	1563.2	2169.0	OPEN	74002	[ROSETON 345]	TO	74331	[FISHKILL 345]	CKT 1
8442.5	74403	ASTORIAW	138	74496 HG 5	138	1	0.15341	172.1	480.0	OPEN	74403	[ASTORIAW 138]	TO	74494	[HG 3 138]	CKT 1
8443.1	79304	N.M.TAP	345	75400 COOPC345	345	1	-0.27949	-1231.8	1793.0	OPEN	74001	[ROCK TAV 345]	TO	75400	[COOPC345 345]	CKT 2
										OPEN	75400	[COOPC345 345]	TO	75440	[COOPC115 115]	CKT 1
8444.6	74403	ASTORIAW	138	74496 HG 5	138	1	0.15341	171.8	480.0	OPEN	74403	[ASTORIAW 138]	TO	74493	[HG 2 138]	CKT 1
8445.8	*74345	RAINEY	345	74612 8W DUM	138	8	0.22376	-136.9	313.0	OPEN	74612	[8W DUM 138]	TO	74728	[RYYGT81113.8]	CKT 1
8454.9	79304	N.M.TAP	345	75400 COOPC345	345	1	-0.27927	-1229.0	1793.0	OPEN	74001	[ROCK TAV 345]	TO	75400	[COOPC345 345]	CKT 2
8489.7	*74403	ASTORIAW	138	74496 HG 5	138	1	0.15306	165.5	480.0	OPEN	74348	[SPRBROOK 345]	TO	74351	[TREMONT 345]	CKT 1
										OPEN	74348	[SPRBROOK 345]	TO	74419	[DUN NO T 138]	CKT 6
8495.8	74435	E179 ST	138	74492 HG 1	138	1	0.15005	-148.2	161.0	BASE CASE						
8495.8	74435	E179 ST	138	74495 HG 4	138	1	0.15005	-148.2	161.0	BASE CASE						

CRPP SUM2009 BASE CASE V6B
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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\contdsl.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	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 ----->				
FROM	TO	CKT	TOTAL	PRE-	POST-	LIMIT			
FROM	TO	CKT	TRANS	RATING	SHIFT	SHIFT	CASE	DISTR.	
FROM	TO	CKT	CAPAB	A	MW	MW	MW	FACTOR	
74650	REAC71 345	74691 S. BRONX	345	3	2069.1	715	394.0	628.5	715.0* 0.23447
74651	REAC72 345	74691 S. BRONX	345	4	2069.1	715	394.0	628.5	715.0* 0.23447
74316	DUNWODIE 345	74651 REAC72	345	SR	2069.1	715	394.0	628.5	715.0 0.23447
74316	DUNWODIE 345	74650 REAC71	345	SR	2069.1	715	394.0	628.5	715.0 0.23447
74316	DUNWODIE 345	75000 SHORE RD	345	1	2147.5	687	572.5	651.6	680.8 0.07913
74348	SPRBROOK 345	74567 REACM51	345	SR	2258.9	774	422.1	647.8	731.2 0.22575
74348	SPRBROOK 345	74568 REACM52	345	SR	2258.9	774	422.1	647.8	731.2 0.22575
74354	W 49 ST 345	74567 REACM51	345	1	2264.8	774	-420.7	-646.5	-729.8 -0.22575
74354	W 49 ST 345	74568 REACM52	345	2	2264.8	774	-420.7	-646.5	-729.8 -0.22575
74345	RAINEY 345	74691 S. BRONX	345	3	2598.9	715	-269.8	-504.3	-590.8 -0.23445
74345	RAINEY 345	74691 S. BRONX	345	4	2598.9	715	-269.8	-504.3	-590.8 -0.23445
		INTERFACE I TO J			2631.9	4026	2247.9	3168.3	3508.0 0.92045
		INTERFACE DUNW-SOUTH P			2663.2	5421	3458.7	4458.3	4827.1 0.99958
		INTERFACE DUNW-SOUTH O			2892.7	4554	2535.8	3456.2	3795.9 0.92045
74322	E15ST 45 345	74354 W 49 ST	345	1	4981.0	774	195.7	-30.8	-114.4 -0.22651
74323	E15ST 46 345	74354 W 49 ST	345	1	4996.1	774	191.8	-33.0	-116.0 -0.22481
74484	GRENWOOD 138	74504 KENTTAP	138	1	5488.4	179	-34.9	-65.0	-76.1 -0.03009
74484	GRENWOOD 138	74556 VERNON-E	138	1	5565.3	179	-33.4	-63.3	-74.3 -0.02994

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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	572.5
74348 SPRBROOK 345	74351 TREMONT 345	1	0.00000	359.7
74349 REACBUS 345	79607 DVNPT NK 345	1	0.00000	638.4
74420 DUN NO1R 138	74533 S CREEK 138	1	0.00000	64.5
74421 DUN NO2R 138	74533 S CREEK 138	1	0.00000	64.5
74424 DUN SO1R 138	74435 E179 ST 138	1	0.00000	129.6
74650 REAC71 345	74691 S. BRONX 345	3	0.23457	394.0
74651 REAC72 345	74691 S. BRONX 345	4	0.23457	394.0
74567 REACM51 345	74354 W 49 ST 345	1	0.22585	420.7
74568 REACM52 345	74354 W 49 ST 345	2	0.22585	420.7
TOTALS FOR INTERFACE DUNW-SOUTH P			1.00000	3458.7

TOTAL TRANS CAPAB	LIMITING ELEMENT	CKT	DISTR. FACTOR	PRE-SHIFT MW	RATING BAS/CNT	CONTINGENCY DESCRIPTION
4827.1	74650 REAC71 345 74691 S. BRONX 345 3	0.23457	394.0	715.0	BASE CASE	
4827.1	74651 REAC72 345 74691 S. BRONX 345 4	0.23457	394.0	715.0	BASE CASE	
4827.1	74316 DUNWODIE 345 74651 REAC72 345 SR	0.23457	394.0	715.0	BASE CASE	
4827.1	74316 DUNWODIE 345 74650 REAC71 345 SR	0.23457	394.0	715.0	BASE CASE	
4905.5	74316 DUNWODIE 345 75000 SHORE RD 345 1	0.07916	572.5	687.0	BASE CASE	
5016.9	74348 SPRBROOK 345 74568 REACM52 345 SR	0.22585	422.1	774.0	BASE CASE	
5016.9	74348 SPRBROOK 345 74567 REACM51 345 SR	0.22585	422.1	774.0	BASE CASE	
5022.8	74354 W 49 ST 345 74568 REACM52 345 2	-0.22585	-420.7	774.0	BASE CASE	
5022.8	74354 W 49 ST 345 74567 REACM51 345 1	-0.22585	-420.7	774.0	BASE CASE	
5356.7	74345 RAINY 345 74691 S. BRONX 345 4	-0.23455	-269.8	715.0	BASE CASE	
5356.7	74345 RAINY 345 74691 S. BRONX 345 3	-0.23455	-269.8	715.0	BASE CASE	
5389.7	INTERFACE I TO J	0.92084	2247.9	4026.0	BASE CASE	
5421.0	INTERFACE DUNW-SOUTH P	1.00000	3458.7	5421.0	BASE CASE	
5623.9	74316 DUNWODIE 345 74650 REAC71 345 SR	0.27792	479.3	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	
5623.9	74316 DUNWODIE 345 74651 REAC72 345 SR	0.27792	479.3	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	
5623.9	74316 DUNWODIE 345 74651 REAC72 345 SR	0.27792	479.3	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	
5623.9	74316 DUNWODIE 345 74650 REAC71 345 SR	0.27792	479.3	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	
5623.9	74651 REAC72 345 74691 S. BRONX 345 4	0.27791	479.3	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	
5623.9	74650 REAC71 345 74691 S. BRONX 345 3	0.27791	479.3	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	

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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	359.7
74420 DUN NO1R 138	74533 S CREEK 138	1	0.00000	64.5
74421 DUN NO2R 138	74533 S CREEK 138	1	0.00000	64.5
74424 DUN SO1R 138	74435 E179 ST 138	1	0.00000	129.6
74650 REAC71 345	74691 S. BRONX 345	3	0.25474	394.0
74651 REAC72 345	74691 S. BRONX 345	4	0.25474	394.0
74567 REACM51 345	74354 W 49 ST 345	1	0.24526	420.7
74568 REACM52 345	74354 W 49 ST 345	2	0.24526	420.7
75047 L SUCSPH 138	74505 JAMAICA 138	1	0.00000	147.0
75067 V STRM P 138	74505 JAMAICA 138	1	0.00000	140.9
TOTALS FOR INTERFACE DUNW-SOUTH O			1.00000	2535.8

TOTAL TRANS CAPAB	LIMITING ELEMENT	CKT	DISTR. FACTOR	PRE-SHIFT MW	RATING BAS/CNT	CONTINGENCY DESCRIPTION
3795.9	74650 REAC71 345	74691 S. BRONX 345	3	0.25474	394.0	715.0 BASE CASE
3795.9	74651 REAC72 345	74691 S. BRONX 345	4	0.25474	394.0	715.0 BASE CASE
3795.9	74316 DUNWODIE 345	74651 REAC72 345	SR	0.25474	394.0	715.0 BASE CASE
3795.9	74316 DUNWODIE 345	74650 REAC71 345	SR	0.25474	394.0	715.0 BASE CASE
3868.0	74316 DUNWODIE 345	75000 SHORE RD 345	1	0.08597	572.5	687.0 BASE CASE
3970.6	74348 SPRBROOK 345	74568 REACM52 345	SR	0.24526	422.1	774.0 BASE CASE
3970.6	74348 SPRBROOK 345	74567 REACM51 345	SR	0.24526	422.1	774.0 BASE CASE
3976.1	74354 W 49 ST 345	74568 REACM52 345	2	-0.24526	-420.7	774.0 BASE CASE
3976.1	74354 W 49 ST 345	74567 REACM51 345	1	-0.24526	-420.7	774.0 BASE CASE
4283.5	74345 RAINY 345	74691 S. BRONX 345	4	-0.25472	-269.8	715.0 BASE CASE
4283.5	74345 RAINY 345	74691 S. BRONX 345	3	-0.25472	-269.8	715.0 BASE CASE
4313.9	INTERFACE I TO J			1.00000	2247.9	4026.0 BASE CASE
4342.7	INTERFACE DUNW-SOUTH P			1.08596	3458.7	5421.0 BASE CASE
4529.5	74316 DUNWODIE 345	74650 REAC71 345	SR	0.30181	479.3	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
4529.5	74316 DUNWODIE 345	74651 REAC72 345	SR	0.30181	479.3	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
4529.5	74316 DUNWODIE 345	74651 REAC72 345	SR	0.30181	479.3	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
4529.5	74316 DUNWODIE 345	74650 REAC71 345	SR	0.30181	479.3	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
4529.6	74651 REAC72 345	74691 S. BRONX 345	4	0.30180	479.3	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
4529.6	74650 REAC71 345	74691 S. BRONX 345	3	0.30180	479.3	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

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

-< INTERFACE 'I TO J		' DEFINITION ->		PRE-	
FROM	TO	CKT	DISTR.	SHIFT	MW
74348 SPRBROOK	345 74351 TREMONT	345 1	0.00000	359.7	
74420 DUN NO1R	138 74533 S CREEK	138 1	0.00000	64.5	
74421 DUN NO2R	138 74533 S CREEK	138 1	0.00000	64.5	
74424 DUN SO1R	138 74435 E179 ST	138 1	0.00000	129.6	
74650 REAC71	345 74691 S. BRONX	345 3	0.25474	394.0	
74651 REAC72	345 74691 S. BRONX	345 4	0.25474	394.0	
74567 REACM51	345 74354 W 49 ST	345 1	0.24526	420.7	
74568 REACM52	345 74354 W 49 ST	345 2	0.24526	420.7	
TOTALS FOR INTERFACE I TO J			1.00000	2247.9	

TOTAL TRANS	LIMITING ELEMENT		CKT	DISTR.	PRE- RATING	CONTINGENCY DESCRIPTION	
CAPAB	FROM	TO		FACTOR	MW	A/C	BAS/CNT
3508.0	74650 REAC71	345 74691 S. BRONX	345 3	0.25474	394.0	715.0	BASE CASE
3508.0	74651 REAC72	345 74691 S. BRONX	345 4	0.25474	394.0	715.0	BASE CASE
3508.0	74316 DUNWODIE	345 74651 REAC72	345 SR	0.25474	394.0	715.0	BASE CASE
3508.0	74316 DUNWODIE	345 74650 REAC71	345 SR	0.25474	394.0	715.0	BASE CASE
3580.1	74316 DUNWODIE	345 75000 SHORE RD	345 1	0.08597	572.5	687.0	BASE CASE
3682.7	74348 SPRBROOK	345 74568 REACM52	345 SR	0.24526	422.1	774.0	BASE CASE
3682.7	74348 SPRBROOK	345 74567 REACM51	345 SR	0.24526	422.1	774.0	BASE CASE
3688.2	74354 W 49 ST	345 74568 REACM52	345 2	-0.24526	-420.7	774.0	BASE CASE
3688.2	74354 W 49 ST	345 74567 REACM51	345 1	-0.24526	-420.7	774.0	BASE CASE
3995.6	74345 RAINEY	345 74691 S. BRONX	345 4	-0.25472	-269.8	715.0	BASE CASE
3995.6	74345 RAINEY	345 74691 S. BRONX	345 3	-0.25472	-269.8	715.0	BASE CASE
4026.0	INTERFACE I TO J			1.00000	2247.9	4026.0	BASE CASE
4054.8	INTERFACE DUNW-SOUTH P			1.08596	3458.7	5421.0	BASE CASE
4241.6	74316 DUNWODIE	345 74650 REAC71	345 SR	0.30181	479.3	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
4241.6	74316 DUNWODIE	345 74651 REAC72	345 SR	0.30181	479.3	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
4241.6	74316 DUNWODIE	345 74651 REAC72	345 SR	0.30181	479.3	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
4241.6	74316 DUNWODIE	345 74650 REAC71	345 SR	0.30181	479.3	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
4241.7	74651 REAC72	345 74691 S. BRONX	345 4	0.30180	479.3	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
4241.7	74650 REAC71	345 74691 S. BRONX	345 3	0.30180	479.3	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
4241.7	74651 REAC72	345 74691 S. BRONX	345 4	0.30180	479.3	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

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

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<- INTERFACE 'LI IMPORT' DEFINITION ->

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FROM	TO	CKT	DISTR. FACTOR	PRE-SHIFT MW
74316 DUNWODIE 345	75000 SHORE RD 345	1	1.00000	572.5
79607 DVNPT NK 345	75004 HMP HRBR 345	1	0.00000	637.2
74505 JAMAICA 138	75047 L SUCSPH 138	1	0.00000	-147.0
74505 JAMAICA 138	75067 V STRM P 138	1	0.00000	-140.9
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	597.0
TOTALS FOR INTERFACE LI IMPORT			1.00000	1948.4

TOTAL TRANS CAPAB	LIMITING ELEMENT	DISTR. FACTOR	PRE-SHIFT MW	RATING BAS/CNT A/C	CONTINGENCY DESCRIPTION
1804.0	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
1804.0	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
1954.0	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
1954.0	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
2062.9	75000 SHORE RD 345 74316 DUNWODIE 345 1	-1.00000	-572.5	687.0	BASE CASE
2558.6	75000 SHORE RD 345 74316 DUNWODIE 345 1	-1.00000	-901.8	1512.0	OPEN 79607 [DVNPT NK 345] TO 75004 [HMP HRBR 345] CKT 1
2590.7	74557 VERNON-W 138 74707 RAV 1 20.0 1	-0.08871	-202.0	259.0	BASE CASE
2746.0	INTERFACE LI IMPORT	1.00000	1948.4	2746.0	BASE CASE
2773.2	75000 SHORE RD 345 74316 DUNWODIE 345 1	-1.00000	-687.2	1512.0	OPEN 75038 [E.G.C. 138] TO 75002 [E.G.C.-1 345] CKT 1
2773.4	75000 SHORE RD 345 74316 DUNWODIE 345 1	-1.00000	-687.0	1512.0	OPEN 75074 [E.G.C.-2 138] TO 75003 [E.G.C.-2 345] CKT 1
2774.1	*75000 SHORE RD 345 74316 DUNWODIE 345 1	-0.99905	-687.0	1512.0	OPEN 75038 [E.G.C. 138] TO 75050 [NEWBRGE 138] CKT 1
2806.3	74332 FR KILLS 345 74700 AK 3 22.0 1	-0.11775	-491.0	592.0	BASE CASE
2813.0	74556 VERNON-E 138 74707 RAV 1 20.0 2	-0.08792	-183.0	259.0	BASE CASE
2895.1	75030 GLNWD NO 138 75163 GLNWD NO69.0 1	0.05905	62.1	118.0	BASE CASE
2913.0	75031 GLNWD SO 138 75164 GLNWD SO69.0 1	0.04950	70.3	118.0	BASE CASE
2926.6	INTERFACE CE/LI TIES	1.00000	921.8	1900.0	BASE CASE
2978.7	75030 GLNWD NO 138 75163 GLNWD NO69.0 1	0.09251	69.7	165.0	OPEN 75031 [GLNWD SO 138] TO 75041 [SHORE RD 138] CKT 1
3041.4	75031 GLNWD SO 138 75164 GLNWD SO69.0 1	0.08014	77.4	165.0	OPEN 75030 [GLNWD NO 138] TO 75041 [SHORE RD 138] CKT 1
3068.1	75004 HMP HRBR 345 75005 EGC DUM 345 1	0.44954	895.6	1399.0	OPEN 74316 [DUNWODIE 345] TO 75000 [SHORE RD 345] CKT 1
3071.6	75001 EGC PAR 345 75005 EGC DUM 345 1	-0.44955	-894.1	1399.0	OPEN 75000 [SHORE RD 345] TO 75041 [SHORE RD 138] CKT 1
3099.9	75030 GLNWD NO 138 75163 GLNWD NO69.0 1	0.08209	70.5	165.0	OPEN 75000 [SHORE RD 345] TO 75041 [SHORE RD 138] CKT 2
3100.2	75004 HMP HRBR 345 75005 EGC DUM 345 1	0.44947	881.3	1399.0	OPEN 75038 [E.G.C. 138] TO 75060 [ROSLYN 138] CKT 1
3102.0	75004 HMP HRBR 345 75005 EGC DUM 345 1	0.44974	880.2	1399.0	OPEN 75038 [E.G.C. 138] TO 75002 [E.G.C.-1 345] CKT 1
3103.7	75001 EGC PAR 345 75005 EGC DUM 345 1	-0.44947	-879.7	1399.0	OPEN 74316 [DUNWODIE 345] TO 74422 [DUN SO 138] CKT 1
					OPEN 74316 [DUNWODIE 345] TO 74343 [PL VILLW 345] CKT 1
					OPEN 74316 [DUNWODIE 345] TO 74418 [DUN NO 138] CKT 1
					OPEN 74316 [DUNWODIE 345] TO 74342 [PL VILLE 345] CKT 1
					OPEN 74316 [DUNWODIE 345] TO 75000 [SHORE RD 345] CKT 1
					OPEN 74316 [DUNWODIE 345] TO 74422 [DUN SO 138] CKT 1
					OPEN 74316 [DUNWODIE 345] TO 74343 [PL VILLW 345] 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:	4258.6	-1000.0	3258.6
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	820.8	740.8	-80.0
81422	LENNOXG220.0	505.5	838.8	333.3	74702	RAV 3	22.0	972.0	712.0
81425	LENNOXG420.0	505.5	838.8	333.3	74703	AK 2	20.0	334.0	254.0
					74705	AST 4	20.0	161.8	81.8
					74907	NRTPTG2	22.0	380.0	280.0
					74908	NRTPTG3	22.0	360.0	260.0
					79390	BOW2	20.0	592.0	472.0
					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 ----->					<----- 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	2244.3	238	-202.5	-236.6	-238.0*	-0.03413		
75414	MEYER230	230	75417	STOLE230	230	1	2834.2	430	-250.0	-360.4	-364.9	-0.11045		
76702	LOCKPORT	115	77126	TELRDTP1	115	1	2996.6	144	94.4	122.1	123.2	0.02770		
75465	HINMN115	115	76702	LOCKPORT	115	1	3047.9	238	173.2	208.4	209.8	0.03513		
76702	LOCKPORT	115	77101	SHEL-113	115	1	3143.9	144	88.4	117.1	118.2	0.02866		
76702	LOCKPORT	115	77122	SOUR-111	115	1	3164.0	131	78.0	105.0	106.1	0.02705		
79584	NIAG 345	345	79800	ROCH 345	345	1	3217.9	1301	575.3	935.7	950.1	0.36041		
77122	SOUR-111	115	77123	SWDN-111	115	1	3311.9	131	74.0	101.0	102.1	0.02705		
75426	BORDR115	115	77447	FRMGTN-4	115	1	3477.9	150	-75.2	-108.1	-109.4	-0.03292		
77101	SHEL-113	115	77124	SWDN-113	115	1	3493.7	144	78.3	107.0	108.2	0.02868		
77109	LAPPINS1	115	77116	NLEROYTA	115	1	3509.9	139	73.0	101.6	102.8	0.02864		
75405	OAKDL345	345	75403	FRASR345	345	1	3528.4	1255	642.5	906.0	916.6	0.26357		
77400	CLAY	345	78450	EDIC	345	2	3533.4	1033	589.2	779.7	787.4	0.19056		
77400	CLAY	345	78450	EDIC	345	1	3551.1	1033	587.3	777.2	784.8	0.18992		
77447	FRMGTN-4	115	79825	PANNELLI	115	1	3552.7	206	-124.8	-159.4	-160.8	-0.03457		
77100	SOUR-114	115	77111	MORTIMER	115	1	3571.9	129	59.7	89.0	90.1	0.02927		
77110	LAWLER-1	115	77111	MORTIMER	115	1	3575.8	129	-68.9	-94.3	-95.3	-0.02532		
77112	MUMFORD1	115	77116	NLEROYTA	115	1	3623.9	129	-58.6	-87.7	-88.8	-0.02911		
77100	SOUR-114	115	77126	TELRDTP1	115	1	3654.5	143	-71.2	-100.5	-101.7	-0.02929		
79592	NIAGAR2W	230	81516	PA27 REG	230	1	3758.2	400	103.3	-93.8	-101.6	-0.19709		

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

<- INTERFACE 'DYSE OPEN' DEFINITION ->							PRE-
FROM	TO	CKT	DISTR.	SHIFT	FACTOR	MW	
75404 KINTI345 345	79800 ROCH 345 345	1	0.29379	564.9			
79584 NIAG 345 345	79800 ROCH 345 345	1	0.43076	575.3			
75417 STOLE230 230	75414 MEYER230 230	1	0.13201	250.0			
75994 PALMT115 115	75992 BENET115 115	1	0.00000	-6.8			
76702 LOCKPORT 115	77125 TELRDTP1 115	1	0.01542	77.9			
76702 LOCKPORT 115	77115 NAKR-108 115	1	0.01299	55.5			
76702 LOCKPORT 115	77117 OAKFLDTP 115	1	0.01534	65.4			
76702 LOCKPORT 115	77122 SOUR-111 115	1	0.03233	78.0			
76702 LOCKPORT 115	77101 SHEL-113 115	1	0.03425	88.4			
76702 LOCKPORT 115	77126 TELRDTP1 115	1	0.03311	94.4			
TOTALS FOR INTERFACE DYSE OPEN			1.00000	1843.0			

TOTAL TRANS CAPAB	LIMITING ELEMENT			DISTR. FACTOR	PRE-SHIFT MW	RATING BAS/CNT A/C	CONTINGENCY DESCRIPTION		
1750.2	76660 ELM-70	230	76837 ELMST23	23.0 1	0.02625	98.4 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
2418.2	75476 MEYER115	115	75995 S.PER115	115 1	-0.02792	-87.9 104.0	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
2470.0	75476 MEYER115	115	75995 S.PER115	115 1	-0.02778	-86.6 104.0	OPEN 75417 [STOLE230 230]	TO 75414 [MEYER230 230]	CKT 1
2497.6	75476 MEYER115	115	75995 S.PER115	115 1	-0.02997	-84.4 104.0	OPEN 75417 [STOLE230 230]	TO 75414 [MEYER230 230]	CKT 1
							OPEN 75406 [STOLE345 345]	TO 479 [HOMER CY 345]	CKT 1
2559.6	76527 FALCONER	115	281 WARREN	115 1	0.05120	45.3 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
2713.1	75465 HINMN115	115	76261 HARIS115	115 1	-0.04079	-202.5 238.0	BASE CASE		
2815.6	77103 BATAVIA1	115	77121 SENECAP	115 1	0.05100	109.4 159.0	OPEN 79800 [ROCH 345 345]	TO 79584 [NIAG 345 345]	CKT 1
							OPEN 79800 [ROCH 345 345]	TO 79819 [S80 1TR 115]	CKT 1
2829.4	77103 BATAVIA1	115	77121 SENECAP	115 1	0.05073	109.0 159.0	OPEN 79800 [ROCH 345 345]	TO 79584 [NIAG 345 345]	CKT 1
							OPEN 79592 [NIAGAR2W 230]	TO 79584 [NIAG 345 345]	CKT 1
2833.2	75405 OAKDL345	345	75403 FRASR345	345 1	0.38144	1002.3 1380.0	OPEN 78450 [EDIC 345]	TO 75403 [FRASR345 345]	CKT 1
							OPEN 79583 [MARCY T1 345]	TO 75400 [COOPC345 345]	CKT 1
2836.1	75465 HINMN115	115	76261 HARIS115	115 1	-0.05920	-247.2 306.0	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
2844.7	77103 BATAVIA1	115	77121 SENECAP	115 1	0.05121	107.7 159.0	OPEN 79584 [NIAG 345 345]	TO 79800 [ROCH 345 345]	CKT 1
2858.2	76527 FALCONER	115	281 WARREN	115 1	0.05176	29.5 82.0	OPEN 76500 [DUNKIRK 230]	TO 76501 [S RIPLEY 230]	CKT 1
2859.6	77103 BATAVIA1	115	77121 SENECAP	115 1	0.05069	107.5 159.0	OPEN 79801 [PANNELL3 345]	TO 79800 [ROCH 345 345]	CKT 2
							OPEN 79800 [ROCH 345 345]	TO 79584 [NIAG 345 345]	CKT 1
2883.0	75465 HINMN115	115	76261 HARIS115	115 1	-0.05829	-245.4 306.0	OPEN 75416 [ROBIN230 230]	TO 75417 [STOLE230 230]	CKT 1
2912.1	76527 FALCONER	115	281 WARREN	115 1	0.04995	28.6 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
2954.1	76702 LOCKPORT	115	77122 SOUR-111	115 1	0.04996	103.5 159.0	OPEN 79800 [ROCH 345 345]	TO 79584 [NIAG 345 345]	CKT 1
							OPEN 79800 [ROCH 345 345]	TO 79819 [S80 1TR 115]	CKT 1

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

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

TOTAL TRANS CAPAB	LIMITING ELEMENT						DISTR. FACTOR	PRE-RATING		CONTINGENCY	DESCRIPTION
	FROM	TO	CKT	MW	A/C	SHIFT		BAS/CNT			
2963.2	75465 HINMN115	115 76261 HARIS115	115 1	-0.06333	-235.1	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	
2968.7	76702 LOCKPORT	115 77122 SOUR-111	115 1	0.04970	103.1	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	
2975.5	*75465 HINMN115	115 76261 HARIS115	115 1	-0.06291	-234.8	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	
2982.7	76702 LOCKPORT	115 77122 SOUR-111	115 1	0.05017	101.8	159.0	OPEN 79584	[NIAG 345 345]	TO 79800	[ROCH 345 345] CKT 1	
2999.0	76702 LOCKPORT	115 77122 SOUR-111	115 1	0.04966	101.6	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	
3006.6	76702 LOCKPORT	115 77126 TELRDTP1	115 1	0.05117	120.5	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	
3021.4	76702 LOCKPORT	115 77126 TELRDTP1	115 1	0.05090	120.0	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	
3026.5	75469 KATEL115	115 75467 JENN 115	115 1	0.03872	113.2	159.0	OPEN 75405	[OAKDL345 345]	TO 75403	[FRASR345 345] CKT 1	
3034.1	77122 SOUR-111	115 77123 SWDN-111	115 1	0.04996	99.5	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	
3035.0	76702 LOCKPORT	115 77126 TELRDTP1	115 1	0.05138	118.8	180.0	OPEN 79584	[NIAG 345 345]	TO 79800	[ROCH 345 345] CKT 1	
3049.1	77122 SOUR-111	115 77123 SWDN-111	115 1	0.04970	99.1	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	
3051.8	76702 LOCKPORT	115 77126 TELRDTP1	115 1	0.05085	118.5	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	
3058.4	77100 SOUR-114	115 77111 MORTIMER	115 1	0.05406	87.3	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	
3062.4	77122 SOUR-111	115 77123 SWDN-111	115 1	0.05017	97.8	159.0	OPEN 79584	[NIAG 345 345]	TO 79800	[ROCH 345 345] CKT 1	
3062.9	76702 LOCKPORT	115 77101 SHEL-113	115 1	0.05293	115.4	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	
3073.5	77100 SOUR-114	115 77111 MORTIMER	115 1	0.05378	86.8	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	
3078.0	76702 LOCKPORT	115 77101 SHEL-113	115 1	0.05266	115.0	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	
3079.5	77122 SOUR-111	115 77123 SWDN-111	115 1	0.04966	97.6	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	
3086.6	77100 SOUR-114	115 77111 MORTIMER	115 1	0.05428	85.5	153.0	OPEN 79584	[NIAG 345 345]	TO 79800	[ROCH 345 345] CKT 1	
3091.0	76702 LOCKPORT	115 77101 SHEL-113	115 1	0.05315	113.7	180.0	OPEN 79584	[NIAG 345 345]	TO 79800	[ROCH 345 345] CKT 1	
3093.2	*77103 BATAVIA1	115 77121 SENECAP	115 1	0.04318	105.0	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	
3103.9	77100 SOUR-114	115 77111 MORTIMER	115 1	0.05373	85.2	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	
3108.4	76702 LOCKPORT	115 77101 SHEL-113	115 1	0.05261	113.4	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	
3205.1	79584 NIAG 345	345 79800 ROCH 345	345 1	0.58995	881.4	1685.0	OPEN 75404	[KINTI345 345]	TO 79800	[ROCH 345 345] CKT 1	
3206.6	75414 MEYER230	230 75417 STOLE230	230 1	-0.13201	-250.0	430.0	BASE CASE				
3214.2	75405 OAKDL345	345 75403 FRASR345	345 1	0.36243	883.0	1380.0	OPEN 77400	[CLAY 345]	TO 78450	[EDIC 345] CKT 2	
							OPEN 78450	[EDIC 345]	TO 75403	[FRASR345 345] CKT 1	
3217.5	79584 NIAG 345	345 79800 ROCH 345	345 1	0.59037	873.5	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	
3223.6	77109 LAPPINS1	115 77116 NLEROYTA	115 1	0.05291	100.0	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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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	90.5
79801 PANNELL3 345	77400 CLAY 345	2	0.36395	90.8
75417 STOLE230 230	75414 MEYER230 230	1	0.13201	250.0
75994 PALMT115 115	75992 BENET115 115	1	0.00000	-6.8
79826 QUAKER 115	75892 MACDN115 115	1	0.00327	38.3
77111 MORTIMER 115	77110 LAWLER-1 115	1	0.03027	68.9
77111 MORTIMER 115	77463 LAWLER-2 115	1	0.03164	47.5
79825 PANNELLI 115	77447 FRMGTN-4 115	1	0.04132	124.8
79804 S121 B#2 115	75893 SLEIG115 115	1	0.02969	83.0
79810 STA 162 115	75995 S.PER115 115	1	0.00510	12.5
79805 CLYDE199 115	75893 SLEIG115 115	1	-0.03075	-41.0
79805 CLYDE199 115	77433 CLTNCORN 115	1	0.03075	24.2
79875 FARMNGTN34.5	77444 FARMGTN1 115	1	0.00197	-24.1
79875 FARMNGTN34.5	77447 FRMGTN-4 115	1	-0.00197	-42.8
79946 S168 12.0	77447 FRMGTN-4 115	1	0.00000	-5.2
TOTALS FOR INTERFACE WESTC OPEN				710.6

TOTAL TRANS CAPAB	LIMITING ELEMENT	DISTR. FACTOR	PRE-SHIFT MW	RATING BAS/CNT A/C	CONTINGENCY DESCRIPTION
617.9	76660 ELM-70 230 76837 ELMST23.23.0 1	0.02625	98.4	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
1285.8	75476 MEYER115 115 75995 S.PER115 115 1	-0.02792	-87.9	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
1337.7	75476 MEYER115 115 75995 S.PER115 115 1	-0.02778	-86.6	104.0	OPEN 75417 [STOLE230 230] TO 75414 [MEYER230 230] CKT 1
1365.3	75476 MEYER115 115 75995 S.PER115 115 1	-0.02997	-84.4	104.0	OPEN 75417 [STOLE230 230] TO 75414 [MEYER230 230] CKT 1 OPEN 75406 [STOLE345 345] TO 479 [HOMER CY 345] CKT 1
1427.3	76527 FALCONER 115 281 WARREN 115 1	0.05120	45.3	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
1580.7	75465 HINMN115 115 76261 HARIS115 115 1	-0.04079	-202.5	238.0	BASE CASE
1683.2	77103 BATAVIA1 115 77121 SENECA1 115 1	0.05100	109.4	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
1697.0	77103 BATAVIA1 115 77121 SENECA1 115 1	0.05073	109.0	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
1700.9	75405 OAKDL345 345 75403 FRASR345 345 1	0.38144	1002.3	1380.0	OPEN 78450 [EDIC 345] TO 75403 [FRASR345 345] CKT 1 OPEN 79583 [MARCY T1 345] TO 75400 [COOPC345 345] CKT 1
1703.7	75465 HINMN115 115 76261 HARIS115 115 1	-0.05920	-247.2	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
1712.4	77103 BATAVIA1 115 77121 SENECA1 115 1	0.05121	107.7	159.0	OPEN 79584 [NIAG 345 345] TO 79800 [ROCH 345 345] CKT 1
1725.8	76527 FALCONER 115 281 WARREN 115 1	0.05176	29.5	82.0	OPEN 76500 [DUNKIRK 230] TO 76501 [S RIPLEY 230] CKT 1
1727.2	77103 BATAVIA1 115 77121 SENECA1 115 1	0.05069	107.5	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
1750.6	75465 HINMN115 115 76261 HARIS115 115 1	-0.05829	-245.4	306.0	OPEN 75416 [ROBIN230 230] TO 75417 [STOLE230 230] CKT 1

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

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

TOTAL	LIMITING ELEMENT						DISTR.	PRE- RATING		CONTINGENCY DESCRIPTION			
TRANS	FROM	TO	CKT	FACTOR	MW	A/C	SHIFT	BAS/CNT					
CAPAB	FROM	TO	CKT	FACTOR	MW	A/C	SHIFT	BAS/CNT					
1779.8	76527 FALCONER	115 281 WARREN	115 1	0.04995	28.6	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
1821.8	76702 LOCKPORT	115 77122 SOUR-111	115 1	0.04996	103.5	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
1830.9	75465 HINMN115	115 76261 HARIS115	115 1	-0.06333	-235.1	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
1836.3	76702 LOCKPORT	115 77122 SOUR-111	115 1	0.04970	103.1	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
1843.1	*75465 HINMN115	115 76261 HARIS115	115 1	-0.06291	-234.8	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
1850.3	76702 LOCKPORT	115 77122 SOUR-111	115 1	0.05017	101.8	159.0	OPEN	79584	[NIAG 345 345]	TO	79800	[ROCH 345 345]	CKT 1
1866.6	76702 LOCKPORT	115 77122 SOUR-111	115 1	0.04966	101.6	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
1874.3	76702 LOCKPORT	115 77126 TELRDTP1	115 1	0.05117	120.5	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
1889.1	76702 LOCKPORT	115 77126 TELRDTP1	115 1	0.05090	120.0	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
1894.1	75469 KATEL115	115 75467 JENN 115	115 1	0.03872	113.2	159.0	OPEN	75405	[OAKDL345 345]	TO	75403	[FRASR345 345]	CKT 1
1901.8	77122 SOUR-111	115 77123 SWDN-111	115 1	0.04996	99.5	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
1902.6	76702 LOCKPORT	115 77126 TELRDTP1	115 1	0.05138	118.8	180.0	OPEN	79584	[NIAG 345 345]	TO	79800	[ROCH 345 345]	CKT 1
1916.7	77122 SOUR-111	115 77123 SWDN-111	115 1	0.04970	99.1	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
1919.5	76702 LOCKPORT	115 77126 TELRDTP1	115 1	0.05085	118.5	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
1926.1	77100 SOUR-114	115 77111 MORTIMER	115 1	0.05406	87.3	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
1930.0	77122 SOUR-111	115 77123 SWDN-111	115 1	0.05017	97.8	159.0	OPEN	79584	[NIAG 345 345]	TO	79800	[ROCH 345 345]	CKT 1
1930.5	76702 LOCKPORT	115 77101 SHEL-113	115 1	0.05293	115.4	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
1941.2	77100 SOUR-114	115 77111 MORTIMER	115 1	0.05378	86.8	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
1945.6	76702 LOCKPORT	115 77101 SHEL-113	115 1	0.05266	115.0	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
1947.1	77122 SOUR-111	115 77123 SWDN-111	115 1	0.04966	97.6	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
1954.2	77100 SOUR-114	115 77111 MORTIMER	115 1	0.05428	85.5	153.0	OPEN	79584	[NIAG 345 345]	TO	79800	[ROCH 345 345]	CKT 1
1958.6	76702 LOCKPORT	115 77101 SHEL-113	115 1	0.05315	113.7	180.0	OPEN	79584	[NIAG 345 345]	TO	79800	[ROCH 345 345]	CKT 1
1960.8	*77103 BATAVIA1	115 77121 SENECAP	115 1	0.04318	105.0	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
1971.6	77100 SOUR-114	115 77111 MORTIMER	115 1	0.05373	85.2	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
1976.0	76702 LOCKPORT	115 77101 SHEL-113	115 1	0.05261	113.4	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
2072.8	79584 NIAG 345	345 79800 ROCH 345	345 1	0.58995	881.4	1685.0	OPEN	75404	[KINTI345 345]	TO	79800	[ROCH 345 345]	CKT 1
2074.2	75414 MEYER230	230 75417 STOLE230	230 1	-0.13201	-250.0	430.0	BASE	CASE					

CRPP SUM 2010 BASE CASE V6B
2005 SUMMER PEAK, LEVEL 5 (04/01/05)

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

TOTAL TRANS CAPAB	LIMITING ELEMENT						DISTR. FACTOR	PRE- RATING		CONTINGENCY	DESCRIPTION
	FROM	TO	CKT	SHIFT	BAS/CNT	MW		A/C			
2081.9	75405 OAKDL345 345	75403 FRASR345 345	1	0.36243	883.0	1380.0	OPEN 77400 [CLAY 345]	TO 78450 [EDIC 345]	CKT 2		
							OPEN 78450 [EDIC 345]	TO 75403 [FRASR345 345]	CKT 1		
2085.2	79584 NIAG 345 345	79800 ROCH 345 345	1	0.59037	873.5	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		
2091.2	77109 LAPPINS1 115	77116 NLEROYTA 115	1	0.05291	100.0	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		
2107.2	77109 LAPPINS1 115	77116 NLEROYTA 115	1	0.05263	99.5	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		
2118.7	77109 LAPPINS1 115	77116 NLEROYTA 115	1	0.05312	98.2	173.0	OPEN 79584 [NIAG 345 345]	TO 79800 [ROCH 345 345]	CKT 1		
2119.2	77101 SHEL-113 115	77124 SWDN-113 115	1	0.05298	105.4	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		
2124.5	*76702 LOCKPORT 115	77122 SOUR-111 115	1	0.04230	99.2	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		
2135.3	77101 SHEL-113 115	77124 SWDN-113 115	1	0.05271	104.9	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		
2136.0	79584 NIAG 345 345	79800 ROCH 345 345	1	0.57022	872.2	1685.0	OPEN 79801 [PANNELL3 345]	TO 79800 [ROCH 345 345]	CKT 1		
							OPEN 75404 [KINTI345 345]	TO 79800 [ROCH 345 345]	CKT 1		
2137.7	77109 LAPPINS1 115	77116 NLEROYTA 115	1	0.05258	98.0	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		
2143.5	75405 OAKDL345 345	75403 FRASR345 345	1	0.37014	849.6	1380.0	OPEN 78450 [EDIC 345]	TO 75403 [FRASR345 345]	CKT 1		
							OPEN 75403 [FRASR345 345]	TO 75455 [FRASR115 115]	CKT 1		
2146.6	77101 SHEL-113 115	77124 SWDN-113 115	1	0.05320	103.6	180.0	OPEN 79584 [NIAG 345 345]	TO 79800 [ROCH 345 345]	CKT 1		
2157.6	75498 S.OWE115 115	75668 LOUNS115 115	1	-0.05948	-56.9	143.0	OPEN 75405 [OAKDL345 345]	TO 75407 [WATRC345 345]	CKT 1		
2164.2	77111 MORTIMER 115	77124 SWDN-113 115	1	-0.05594	-71.7	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		
2165.9	77101 SHEL-113 115	77124 SWDN-113 115	1	0.05266	103.4	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		
2170.8	76501 S RIPLEY 230	361 ERIE E 230	1	0.12538	315.9	499.0	OPEN 75417 [STOLE230 230]	TO 75414 [MEYER230 230]	CKT 1		
							OPEN 75406 [STOLE345 345]	TO 479 [HOMER CY 345]	CKT 1		
2180.4	77111 MORTIMER 115	77123 SWDN-111 115	1	-0.05309	-75.0	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		
2180.6	77111 MORTIMER 115	77124 SWDN-113 115	1	-0.05564	-71.2	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		
2181.9	75405 OAKDL345 345	75403 FRASR345 345	1	0.35094	863.7	1380.0	OPEN 78460 [PORTER 2 230]	TO 78980 [ROTRDM.2 230]	CKT 1		
							OPEN 78450 [EDIC 345]	TO 75403 [FRASR345 345]	CKT 1		
2186.5	*76702 LOCKPORT 115	77126 TELRDTP1 115	1	0.04332	116.1	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		
2191.4	77111 MORTIMER 115	77124 SWDN-113 115	1	-0.05617	-69.8	153.0	OPEN 79584 [NIAG 345 345]	TO 79800 [ROCH 345 345]	CKT 1		
2196.9	77111 MORTIMER 115	77123 SWDN-111 115	1	-0.05281	-74.5	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		
2207.5	77111 MORTIMER 115	77123 SWDN-111 115	1	-0.05331	-73.2	153.0	OPEN 79584 [NIAG 345 345]	TO 79800 [ROCH 345 345]	CKT 1		
2210.6	77100 SOUR-114 115	77126 TELRDTP1 115	1	-0.05411	-98.8	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		
2211.2	77111 MORTIMER 115	77124 SWDN-113 115	1	-0.05560	-69.6	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		
2211.6	75414 MEYER230 230	75417 STOLE230 230	1	-0.16515	-292.1	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		

CRPP SUM 2010 BASE CASE V6B
 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:	218.5	1000.0	1218.5
OPPOSING SYSTEM MW GENERATION:	2617.6	-1000.0	1617.6
STUDY SYSTEM NET INTERCHANGE:	217.8	1000.0	1217.8

<----- STUDY SYSTEM ----->					<----- OPPOSING SYSTEM ----->				
<---- GENERATOR MW ---->					<---- GENERATOR MW ---->				
BUS	BUS NAME	BASE	SHIFT	CHANGE	BUS	BUS NAME	BASE	SHIFT	CHANGE
79513	MOS17-1813.8	104.5	604.5	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	<----- BASE CASE ----->					
TOTAL	TRANS	RATING	PRE-	POST-	LIMIT	DISTR.												
CAPAB	A	MW	SHIFT	SHIFT	CASE	FACTOR												
			MW	MW	MW													
79590	MOSES W	230	79517	MOS21-2413.8	6	279.4	258	-227.2	-727.2*	-258.0*	-0.50000							
79589	MOSES E	230	79514	MOS17-2013.8	5	298.2	258	-217.8	-717.8*	-248.6	-0.50000							
78009	BRNS FLS	115	78057	TAYLORVL	115	1	2001.9	102	40.1	74.8	42.2	0.03471						
78009	BRNS FLS	115	78021	FLAT RCK	115	1	2061.7	102	-38.1	-72.8	-40.3	-0.03463						
78460	PORTER 2	230	79586	ADRON B2	230	1	2074.3	321	-143.6	-239.2	-149.5	-0.09557						
78009	BRNS FLS	115	78025	HIGLEY	115	1	2077.4	102	-37.3	-72.1	-39.4	-0.03479						
78460	PORTER 2	230	79585	ADRON B1	230	1	2099.8	321	-141.1	-236.7	-147.0	-0.09557						
78009	BRNS FLS	115	78057	TAYLORVL	115	2	2117.1	106	40.1	74.8	42.2	0.03471						
79577	MARCY765	765	79583	MARCY T1	345	1	2157.5	1488	720.8	1116.3	745.2	0.39552						
79586	ADRON B2	230	79590	MOSES W	230	1	2314.9	348	-147.6	-243.2	-153.5	-0.09557						
79585	ADRON B1	230	79590	MOSES W	230	1	2314.9	348	-147.6	-243.2	-153.5	-0.09557						
78014	COLTON	115	78021	FLAT RCK	115	1	2451.5	114	36.6	71.3	38.8	0.03463						
79588	MASS230B	230	79589	MOSES E	230	1	2552.9	936	-72.6	-442.4	-95.4	-0.36973						
79587	MASS230A	230	79589	MOSES E	230	1	2552.9	936	-72.6	-442.4	-95.4	-0.36973						
79578	MASS 765	765	79587	MASS230A	230	1	2553.0	936	-72.6	-442.3	-95.4	-0.36973						
79578	MASS 765	765	79588	MASS230B	230	1	2553.0	936	-72.6	-442.3	-95.4	-0.36973						
78014	COLTON	115	78025	HIGLEY	115	1	2679.0	125	39.4	74.2	41.5	0.03479						
79577	MARCY765	765	79583	MARCY T1	345	2	2767.7	1488	611.0	954.9	632.1	0.34395						
78450	EDIC	345	79583	MARCY T1	345	1	3275.6	1677	-314.4	-760.0	-341.8	-0.44563						
79577	MARCY765	765	79578	MASS 765	765	1	3778.0	3975	-1342.	-2082.	-1388.	-0.73947						
	INTERFACE MOSES	OPEN					4006.2	5358	1569.5	2569.6	1631.1	1.00003						
	INTERFACE MOSES	SOUTH					4034.4	5400	1583.7	2583.7	1645.2	1.00003						

CRPP SUM 2010 BASE CASE V6B
2005 SUMMER PEAK, LEVEL 5 (04/01/05)

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

<- INTERFACE 'MOSESSOUTH' DEFINITION ->

FROM	TO	CKT	DISTR. FACTOR	PRE-SHIFT MW
79578 MASS 765	79577 MARCY765	765	1 0.73945	1342.4
79590 MOSES W 230	79585 ADRON B1	230	1 0.09557	147.6
79590 MOSES W 230	79586 ADRON B2	230	1 0.09557	147.6
78017 DENNISON 115	78002 ANDRWS-4	115	1 0.02156	-3.5
78017 DENNISON 115	78032 LWRNCE-B	115	1 0.02157	-2.5
78000 ALCOA-NM 115	78010 BRADY	115	1 0.01109	-22.1
78033 MALONE 115	78041 NICHOLVL	115	1 0.01521	-25.9
TOTALS FOR INTERFACE MOSESSOUTH			1.00000	1583.7

TOTAL TRANS CAPAB	LIMITING ELEMENT	DISTR. FACTOR	PRE-SHIFT MW	RATING BAS/CNT A/C	CONTINGENCY DESCRIPTION
1645.2	79590 MOSES W 230	79517 MOS21-2413.8	6	-0.49999	-227.2 258.0 BASE CASE
1664.0	79589 MOSES E 230	79514 MOS17-2013.8	5	-0.49998	-217.8 258.0 BASE CASE
1766.9	78009 BRNS FLS 115	78057 TAYLORVL 115	2	0.07852	119.6 134.0 OPEN 79578 [MASS 765 765] TO 79577 [MARCY765 765] CKT 1
1779.7	78009 BRNS FLS 115	78057 TAYLORVL 115	1	0.07852	119.6 135.0 OPEN 79578 [MASS 765 765] TO 79577 [MARCY765 765] CKT 1
1793.2	79586 ADRON B2 230	79590 MOSES W 230	1	-0.23008	-391.8 440.0 OPEN 79578 [MASS 765 765] TO 79577 [MARCY765 765] CKT 1
1793.2	79585 ADRON B1 230	79590 MOSES W 230	1	-0.23008	-391.8 440.0 OPEN 79578 [MASS 765 765] TO 79577 [MARCY765 765] CKT 1
1807.1	78009 BRNS FLS 115	78021 FLAT RCK 115	1	-0.07835	-117.5 135.0 OPEN 79578 [MASS 765 765] TO 79577 [MARCY765 765] CKT 1
1812.1	78009 BRNS FLS 115	78025 HIGLEY 115	1	-0.07870	-117.0 135.0 OPEN 79578 [MASS 765 765] TO 79577 [MARCY765 765] CKT 1
1849.7	78460 PORTER 2 230	79586 ADRON B2 230	1	-0.23008	-387.8 449.0 OPEN 79578 [MASS 765 765] TO 79577 [MARCY765 765] CKT 1
1860.3	78460 PORTER 2 230	79585 ADRON B1 230	1	-0.23008	-385.4 449.0 OPEN 79578 [MASS 765 765] TO 79577 [MARCY765 765] CKT 1
1902.2	79602 PLAT T#3 115	70511 GRAND IS 115	1	0.08661	274.4 302.0 OPEN 79578 [MASS 765 765] TO 79577 [MARCY765 765] CKT 1
1902.3	79602 PLAT T#3 115	79672 PLAT 115	3	-0.08660	-274.4 302.0 OPEN 79578 [MASS 765 765] TO 79577 [MARCY765 765] CKT 1
1915.6	78014 COLTON 115	78021 FLAT RCK 115	1	0.07835	116.0 142.0 OPEN 79578 [MASS 765 765] TO 79577 [MARCY765 765] CKT 1
1926.5	78028 LOWVILLE 115	78057 TAYLORVL 115	1	-0.04210	-119.6 134.0 OPEN 79578 [MASS 765 765] TO 79577 [MARCY765 765] CKT 1
2040.0	78014 COLTON 115	78025 HIGLEY 115	1	0.07870	119.1 155.0 OPEN 79578 [MASS 765 765] TO 79577 [MARCY765 765] CKT 1
2113.9	78008 BREMEN 115	78057 TAYLORVL 115	1	-0.04208	-111.7 134.0 OPEN 79578 [MASS 765 765] TO 79577 [MARCY765 765] CKT 1
2220.1	79577 MARCY765 765	79583 MARCY T1 345	1	0.69995	1208.5 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
2384.2	78028 LOWVILLE 115	78471 BOONVL 115	1	0.04210	100.3 134.0 OPEN 79578 [MASS 765 765] TO 79577 [MARCY765 765] CKT 1
2412.3	79589 MOSES E 230	81255 STLAWL34 230	1	0.16866	306.2 446.0 OPEN 79578 [MASS 765 765] TO 79577 [MARCY765 765] CKT 1
2416.5	78011 BU+LY+MO 115	78471 BOONVL 115	1	0.04208	111.0 146.0 OPEN 79578 [MASS 765 765] TO 79577 [MARCY765 765] CKT 1
2531.9	78009 BRNS FLS 115	78057 TAYLORVL 115	2	0.07852	59.5 134.0 OPEN 79577 [MARCY765 765] TO 79578 [MASS 765 765] CKT 1
					OPEN 79578 [MASS 765 765] TO 84819 [CHA-NY 765] CKT 1
2542.7	78008 BREMEN 115	78011 BU+LY+MO 115	1	0.04208	105.6 146.0 OPEN 79578 [MASS 765 765] TO 79577 [MARCY765 765] CKT 1
2544.6	78009 BRNS FLS 115	78057 TAYLORVL 115	1	0.07852	59.5 135.0 OPEN 79577 [MARCY765 765] TO 79578 [MASS 765 765] CKT 1
					OPEN 79578 [MASS 765 765] TO 84819 [CHA-NY 765] CKT 1
2572.0	78009 BRNS FLS 115	78021 FLAT RCK 115	1	-0.07835	-57.6 135.0 OPEN 79577 [MARCY765 765] TO 79578 [MASS 765 765] CKT 1
					OPEN 79578 [MASS 765 765] TO 84819 [CHA-NY 765] CKT 1
2577.0	78009 BRNS FLS 115	78025 HIGLEY 115	1	-0.07870	-56.8 135.0 OPEN 79577 [MARCY765 765] TO 79578 [MASS 765 765] CKT 1
					OPEN 79578 [MASS 765 765] TO 84819 [CHA-NY 765] CKT 1
2577.7	79586 ADRON B2 230	79590 MOSES W 230	1	-0.23008	-211.3 440.0 OPEN 79577 [MARCY765 765] TO 79578 [MASS 765 765] CKT 1
					OPEN 79578 [MASS 765 765] TO 84819 [CHA-NY 765] CKT 1
2577.7	79585 ADRON B1 230	79590 MOSES W 230	1	-0.23008	-211.3 440.0 OPEN 79577 [MARCY765 765] TO 79578 [MASS 765 765] CKT 1
					OPEN 79578 [MASS 765 765] TO 84819 [CHA-NY 765] CKT 1
2633.5	78000 ALCOA-NM 115	78017 DENNISON 115	1	0.10269	102.2 210.0 OPEN 79578 [MASS 765 765] TO 79577 [MARCY765 765] CKT 1

CRPP SUM 2010 BASE CASE V6B
 2005 SUMMER PEAK, LEVEL 5 (04/01/05)

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

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

	PRE-SHIFT	DELTA	POST-SHIFT
STUDY SYSTEM MW GENERATION:	1833.5	1000.0	2833.5
OPPOSING SYSTEM MW GENERATION:	3270.8	-1000.0	2270.8
STUDY SYSTEM NET INTERCHANGE:	1786.1	1000.0	2786.1

<----- 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	161.8	61.8	-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	POLETGT218.0	222.0	162.0	-60.0
					79539	POLETSTG18.0	194.0	134.0	-60.0
					79540	POLETGT118.0	222.0	152.0	-70.0

LOADINGS AT OR ABOVE 100.0 % OF RATING ARE MARKED WITH '*'						<----- BASE CASE ----->					
<----- FROM -----> <----- TO -----> CKT						TOTAL	PRE-	POST-	LIMIT		
						TRANS	RATING	SHIFT	SHIFT	CASE	DISTR.
						CAPAB	A	MW	MW	MW	FACTOR
INTERFACE CENTRAL EAST						2718.3	3100	2638.8	3133.5*	3100.0*	0.49469
74344	PLTVLLEY	345	78701	LEEDS 3	345 2	2971.8	1331	-1091.	-1293.	-1280.	-0.20205
INTERFACE TOTAL EAST						3142.2	6500	5144.0	6143.9	6076.1	0.99995
74344	PLTVLLEY	345	78705	ATHENS	345 1	3240.5	1331	-1051.	-1244.	-1231.	-0.19228
74002	ROSETON	345	74331	FISHKILL	345 1	3374.4	1935	1639.1	1825.4	1812.8	0.18629
75400	COOPC345	345	75403	FRASR345	345 1	3410.8	1207	-890.8	-1085.	-1072.	-0.19461
78450	EDIC	345	78702	N.SCOT77	345 1	4115.4	1331	889.0	1078.8	1065.9	0.18974
78703	N.SCOT99	345	79583	MARCY T1	345 1	4187.5	1487	-995.1	-1200.	-1186.	-0.20482
78701	LEEDS 3	345	78702	N.SCOT77	345 1	4491.1	1331	-819.4	-1009.	-995.7	-0.18915
78701	LEEDS 3	345	78703	N.SCOT99	345 2	4531.1	1331	-814.9	-1003.	-990.2	-0.18801
78450	EDIC	345	77400	CLAY	345 2	4559.6	1033	-589.2	-749.2	-738.4	-0.16002
78450	EDIC	345	77400	CLAY	345 1	4580.6	1033	-587.3	-746.8	-736.0	-0.15949
75403	FRASR345	345	75405	OAKDL345	345 1	4784.7	1255	-642.5	-846.7	-832.9	-0.20427
74001	ROCK TAV	345	74347	RAMAPO	345 1	4943.2	1720	964.9	1204.1	1187.9	0.23917
INTERFACE CENT E+FGILB						5588.5	5600	3095.6	3754.2	3709.6	0.65865
75400	COOPC345	345	79304	N.M.TAP	345 1	5627.8	1464	795.5	969.5	957.7	0.17401
78701	LEEDS 3	345	78705	ATHENS	345 1	5684.8	1331	581.4	773.6	760.6	0.19228
78460	PORTER 2	230	78980	ROTRDM.2	230 2	5718.5	439	256.6	303.0	299.9	0.04638
INTERFACE CE GROUP						5732.8	8438	4491.6	5491.6	5423.8	0.99995
INTERFACE VOLNEY EAST						5886.2	7190	3500.1	4400.1	4339.1	0.89996

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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	642.5
75469 KATEL115	115 75467 JENN 115	115 1	0.01085	67.8
75488 OAKDL115	115 75444 DELHI115	115 1	0.01371	42.4
75513 WILET115	115 75446 E.NOR115	115 1	0.01212	61.9
77400 CLAY	345 78450 EDIC	345 1	0.17722	587.3
77400 CLAY	345 78450 EDIC	345 2	0.17781	589.2
77406 VOLNEY	345 79583 MARCY T1	345 1	0.17393	733.7
77426 BRDGPORT	115 78484 PETRBORO	115 1	0.01262	35.7
77466 LTHSE HL	115 78005 BLACK RV	115 1	0.00494	-6.2
77466 LTHSE HL	115 78018 E WTRTWN	115 1	0.00493	-2.5
77494 TEALL	115 78483 ONEIDA	115 1	0.01268	34.2
77500 WHITMAN	115 78483 ONEIDA	115 1	0.00745	-16.2
77779 OMEGAWIR	34.5 78610 CAMDEN	34.5 1	0.00000	-2.9
79580 JA FITZP	345 78450 EDIC	345 1	0.16476	733.1
TOTALS FOR INTERFACE VOLNEY EAST			1.00000	3500.1

TOTAL TRANS CAPAB	LIMITING ELEMENT	FROM	TO	CKT	DISTR. FACTOR	PRE-SHIFT MW	RATING BAS/CNT A/C	CONTINGENCY DESCRIPTION
1879.1	79303 SMAHWAH2	345	5028 WALDWICK	345 1	0.03129	639.7	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
2950.8	INTERFACE CENTRAL EAST				0.73034	3501.2	3100.0	OPEN 78450 [EDIC 345] TO 75403 [FRASR345 345] CKT 1 OPEN 79583 [MARCY T1 345] TO 75400 [COOPC345 345] CKT 1
3239.7	INTERFACE CENTRAL EAST				0.69922	3282.1	3100.0	OPEN 79583 [MARCY T1 345] TO 75400 [COOPC345 345] CKT 1 OPEN 75403 [FRASR345 345] TO 75400 [COOPC345 345] CKT 1
3434.2	INTERFACE CENTRAL EAST				0.67651	3144.6	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
3470.9	INTERFACE CENTRAL EAST				0.54968	3116.1	3100.0	SET BUS 71786 [SANDY PD 345] LOAD TO 0 MW DISPATCH
3470.9 *	INTERFACE CENTRAL EAST				0.54968	3116.1	3100.0	OPEN 70509 [SB RCTOR 115] TO 70508 [SANDB115 115] CKT 2 SET BUS 71786 [SANDY PD 345] LOAD TO 0 MW DISPATCH
3475.8	INTERFACE TOTAL EAST				1.11110	6527.0	6500.0	OPEN 70509 [SB RCTOR 115] TO 70508 [SANDB115 115] CKT 2 SET BUS 71786 [SANDY PD 345] LOAD TO 0 MW DISPATCH
3475.8	INTERFACE TOTAL EAST				1.11110	6527.0	6500.0	SET BUS 71786 [SANDY PD 345] LOAD TO 0 MW DISPATCH
3645.9	INTERFACE TOTAL EAST				1.11110	6338.0	6500.0	OPEN 70509 [SB RCTOR 115] TO 70508 [SANDB115 115] CKT 2 REMOVE MACHINE 1 FROM BUS 72869 [SBRK G1 25.0] DISPATCH
3645.9	INTERFACE TOTAL EAST				1.11110	6338.0	6500.0	REMOVE MACHINE 1 FROM BUS 72869 [SBRK G1 25.0] DISPATCH
3675.1 *	INTERFACE TOTAL EAST				1.11110	6305.6	6500.0	REMOVE MACHINE 3 FROM BUS 73563 [MILL#3 24.0] DISPATCH
4015.1	74344 PLTVLLEY	345 78701 LEEDS 3	345 2		-0.31962	-1559.4	1724.0	OPEN 78705 [ATHENS 345] TO 74344 [PLTVLLEY 345] CKT 1
4144.0	74344 PLTVLLEY	345 78705 ATHENS	345 1		-0.31085	-1523.9	1724.0	OPEN 78701 [LEEDS 3 345] TO 74344 [PLTVLLEY 345] CKT 2
4185.2	74344 PLTVLLEY	345 78701 LEEDS 3	345 2		-0.30645	-1514.1	1724.0	OPEN 78705 [ATHENS 345] TO 74344 [PLTVLLEY 345] CKT 1 OPEN 74344 [PLTVLLEY 345] TO 74341 [MILLWOOD 345] CKT 1
4191.8	74344 PLTVLLEY	345 78701 LEEDS 3	345 2		-0.30678	-1511.8	1724.0	OPEN 78705 [ATHENS 345] TO 74344 [PLTVLLEY 345] CKT 1 OPEN 74344 [PLTVLLEY 345] TO 74356 [WOOD B 345] CKT 1
4325.1	74344 PLTVLLEY	345 78705 ATHENS	345 1		-0.29843	-1477.8	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	LIMITING ELEMENT						DISTR.	PRE- RATING		CONTINGENCY DESCRIPTION			
TRANS	FROM	TO	CKT	FACTOR	MW	A/C	SHIFT	BAS/CNT					
CAPAB	FROM	TO	CKT	FACTOR	MW	A/C	SHIFT	BAS/CNT					
4453.8	74344	PLTVLLEY 345	78705	ATHENS 345 1	-0.29046	-1447.0	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
4545.7	74344	PLTVLLEY 345	78701	LEEDS 3 345 2	-0.29981	-1410.5	1724.0	OPEN	79583	[MARCY T1 345]	TO	75400	[COOPC345 345] CKT 1
								OPEN	75403	[FRASR345 345]	TO	75400	[COOPC345 345] CKT 1
4556.9	79303	SMAHWAH2 345	5028	WALDWICK 345 1	0.04106	545.6	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
4567.2	*74344	PLTVLLEY 345	78701	LEEDS 3 345 2	-0.22451	-1091.4	1331.0	BASE CASE					
4756.9	75403	FRASR345 345	75405	OAKDL345 345 1	-0.30054	-1002.3	1380.0	OPEN	78450	[EDIC 345]	TO	75403	[FRASR345 345] CKT 1
								OPEN	79583	[MARCY T1 345]	TO	75400	[COOPC345 345] CKT 1
4793.4	74344	PLTVLLEY 345	78705	ATHENS 345 1	-0.28531	-1355.0	1724.0	OPEN	79583	[MARCY T1 345]	TO	75400	[COOPC345 345] CKT 1
								OPEN	75403	[FRASR345 345]	TO	75400	[COOPC345 345] CKT 1
4809.0	*74344	PLTVLLEY 345	78705	ATHENS 345 1	-0.21366	-1051.4	1331.0	BASE CASE					
4853.0	78701	LEEDS 3 345	78703	N.SCOT99 345 2	-0.32821	-1280.0	1724.0	OPEN	78701	[LEEDS 3 345]	TO	78702	[N.SCOT77 345] CKT 1
4902.6	78703	N.SCOT99 345	79583	MARCY T1 345 1	-0.30732	-1361.0	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
4929.5	74002	ROSETON 345	74331	FISHKILL 345 1	0.20700	1639.1	1935.0	BASE CASE					
4958.1	78703	N.SCOT99 345	79583	MARCY T1 345 1	-0.30226	-1351.3	1792.0	OPEN	78450	[EDIC 345]	TO	75403	[FRASR345 345] CKT 1
								OPEN	79583	[MARCY T1 345]	TO	75400	[COOPC345 345] CKT 1
4962.3	75400	COOPC345 345	75403	FRASR345 345 1	-0.21624	-890.8	1207.0	BASE CASE					
5015.6	75403	FRASR345 345	79581	GILB 345 345 1	0.32117	1037.3	1524.0	OPEN	79583	[MARCY T1 345]	TO	75400	[COOPC345 345] CKT 1
								OPEN	75403	[FRASR345 345]	TO	75400	[COOPC345 345] CKT 1
5022.7	79304	N.M.TAP 345	79322	SHOEMTAP 138 1	0.07771	548.7	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
5031.6	75403	FRASR345 345	79581	GILB 345 345 1	0.32471	1026.7	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
5121.2	78703	N.SCOT99 345	79583	MARCY T1 345 1	-0.30089	-1304.2	1792.0	OPEN	78450	[EDIC 345]	TO	78702	[N.SCOT77 345] CKT 1
5132.5	79586	ADRON B2 230	79590	MOSES W 230 1	-0.02954	-391.8	440.0	OPEN	79578	[MASS 765 765]	TO	79577	[MARCY765 765] CKT 1
5132.5	79585	ADRON B1 230	79590	MOSES W 230 1	-0.02954	-391.8	440.0	OPEN	79578	[MASS 765 765]	TO	79577	[MARCY765 765] CKT 1
5165.5	74001	ROCK TAV 345	74347	RAMAPO 345 1	0.35059	1585.2	2169.0	OPEN	74331	[FISHKILL 345]	TO	74022	[E FISH I 115] CKT 1
								OPEN	74331	[FISHKILL 345]	TO	74002	[ROSETON 345] CKT 1
5172.3	74001	ROCK TAV 345	74347	RAMAPO 345 1	0.34497	1592.1	2169.0	OPEN	74002	[ROSETON 345]	TO	74331	[FISHKILL 345] CKT 1
5182.3	75400	COOPC345 345	75403	FRASR345 345 1	-0.28966	-1215.8	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
5200.7	75400	COOPC345 345	79583	MARCY T1 345 1	-0.22369	-964.6	1345.0	OPEN	75403	[FRASR345 345]	TO	75400	[COOPC345 345] CKT 1
								OPEN	75405	[OAKDL345 345]	TO	75403	[FRASR345 345] CKT 1
5227.5	78703	N.SCOT99 345	79583	MARCY T1 345 1	-0.29573	-1281.2	1792.0	OPEN	79580	[JA FITZP 345]	TO	78450	[EDIC 345] CKT 1
								OPEN	78702	[N.SCOT77 345]	TO	78450	[EDIC 345] CKT 1
5242.7	75400	COOPC345 345	75403	FRASR345 345 1	-0.28704	-1202.8	1703.0	OPEN	79583	[MARCY T1 345]	TO	75400	[COOPC345 345] CKT 1
5244.7	75400	COOPC345 345	79583	MARCY T1 345 1	-0.22137	-958.8	1345.0	OPEN	75403	[FRASR345 345]	TO	75400	[COOPC345 345] CKT 1
5245.5	75400	COOPC345 345	75403	FRASR345 345 1	-0.28697	-1202.1	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
5247.6	75400	COOPC345 345	79583	MARCY T1 345 1	-0.22136	-958.2	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 ->

FROM	TO	CKT	DISTR. FACTOR	PRE-SHIFT MW
75512 W.WDB115 115	76210 W.WDBR6969.0	1	0.00483	20.2
75403 FRASR345 345	79581 GILB 345 345	1	0.16397	456.7
75400 COOPC345 345	74001 ROCK TAV 345	2	0.16248	697.4
75400 COOPC345 345	79304 N.M.TAP 345	1	0.17401	795.5
2 BRANCHBG 500	74300 RAMAPO 5 500	1	0.00000	440.1
4989 HUDSON1 345	74328 FARRGUT1 345	1	0.00000	400.4
5039 HUDSON2 345	74329 FARRGUT2 345	1	0.00000	400.4
4996 LINDEN 230	74371 GOETHALS 230	1	0.00000	200.4
5028 WALDWICK 345	79302 SMAHWAH1 345	1	-0.00242	-441.7
5028 WALDWICK 345	79303 SMAHWAH2 345	1	0.00242	-577.1
79314 HCOR138 138	79311 BURNS138 138	1	-0.00048	-100.0
79320 SMAH138 138	79302 SMAHWAH1 345	1	0.00734	-202.5
79320 SMAH138 138	79319 RAMP138 138	1	-0.00437	-85.2
79334 CLOSTR6969.0	79357 SPARKILL69.0	1	0.00066	-12.4
79338 HCOR69 69.0	79362 WNYA69 69.0	1	0.00172	-17.9
79346 MONTVALE69.0	79327 BLUHILL 69.0	1	0.00000	5.9
79346 MONTVALE69.0	79327 BLUHILL 69.0	2	0.00000	5.9
79346 MONTVALE69.0	79400 L491T 69.0	1	0.00046	-35.0
79356 SMAH69 69.0	79340 HILB69 69.0	1	-0.00523	-45.7
79370 HCOR34 34.5	79376 PEARL34 34.5	1	-0.00010	2.6
75447 E.SPR115 115	79136 INGHAM-E 115	1	0.00861	11.0
78450 EDIC 345	78702 N.SCOT77 345	1	0.18975	889.0
78460 PORTER 2 230	78980 ROTRDM.2 230	1	0.04514	250.0
78460 PORTER 2 230	78980 ROTRDM.2 230	2	0.04638	256.6
78478 INGMS-CD 115	79136 INGHAM-E 115	1	0.00000	119.9
79583 MARCY T1 345	78703 N.SCOT99 345	1	0.20484	995.1
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	5144.0

TOTAL TRANS	LIMITING ELEMENT	DISTR. FACTOR	PRE-SHIFT MW	RATING BAS/CNT	CONTINGENCY DESCRIPTION
3342.8	79303 SMAHWAH2 345 5028 WALDWICK 345 1	0.02816	639.7	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
4533.6	INTERFACE CENTRAL EAST	0.65731	3501.2	3100.0	OPEN 78450 [EDIC 345] TO 75403 [FRASR345 345] CKT 1 OPEN 79583 [MARCY T1 345] TO 75400 [COOPC345 345] CKT 1
4854.6	INTERFACE CENTRAL EAST	0.62930	3282.1	3100.0	OPEN 79583 [MARCY T1 345] TO 75400 [COOPC345 345] CKT 1 OPEN 75403 [FRASR345 345] TO 75400 [COOPC345 345] CKT 1
5070.7	INTERFACE CENTRAL EAST	0.60887	3144.6	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
5111.4	INTERFACE CENTRAL EAST	0.49471	3116.1	3100.0	SET BUS 71786 [SANDY PD 345] LOAD TO 0 MW DISPATCH
5111.4 *	INTERFACE CENTRAL EAST	0.49471	3116.1	3100.0	OPEN 70509 [SB RCTOR 115] TO 70508 [SANDB115 115] CKT 2 SET BUS 71786 [SANDY PD 345] LOAD TO 0 MW DISPATCH
5117.0	INTERFACE TOTAL EAST	1.00000	6527.0	6500.0	OPEN 70509 [SB RCTOR 115] TO 70508 [SANDB115 115] CKT 2 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	LIMITING ELEMENT						DISTR.	PRE- RATING		CONTINGENCY DESCRIPTION		
CAPAB	FROM	TO	CKT	FACTOR	MW	A/C	SHIFT	BAS/CNT				
5117.0	INTERFACE TOTAL EAST						1.00000	6527.0	6500.0	SET BUS 71786 [SANDY PD 345] LOAD TO 0 MW DISPATCH		
5305.9	INTERFACE TOTAL EAST						1.00000	6338.0	6500.0	OPEN 70509 [SB RCTOR 115] TO 70508 [SANDB115 115] CKT 2 REMOVE MACHINE 1 FROM BUS 72869 [SBRK G1 25.0] DISPATCH		
5305.9	INTERFACE TOTAL EAST						1.00000	6338.0	6500.0	REMOVE MACHINE 1 FROM BUS 72869 [SBRK G1 25.0] DISPATCH		
5338.4 *	INTERFACE TOTAL EAST						1.00000	6305.6	6500.0	REMOVE MACHINE 3 FROM BUS 73563 [MILL#3 24.0] DISPATCH		
5716.1	74344	PLTVLLEY 345	78701 LEEDS 3	345 2	-0.28766	-1559.4	1724.0	OPEN 78705 [ATHENS 345]	TO 74344 [PLTVLLEY 345] CKT 1			
5859.3	74344	PLTVLLEY 345	78705 ATHENS	345 1	-0.27977	-1523.9	1724.0	OPEN 78701 [LEEDS 3 345]	TO 74344 [PLTVLLEY 345] CKT 2			
5905.1	74344	PLTVLLEY 345	78701 LEEDS 3	345 2	-0.27581	-1514.1	1724.0	OPEN 78705 [ATHENS 345]	TO 74344 [PLTVLLEY 345] CKT 1			
5912.5	74344	PLTVLLEY 345	78701 LEEDS 3	345 2	-0.27611	-1511.8	1724.0	OPEN 78705 [ATHENS 345]	TO 74344 [PLTVLLEY 345] CKT 1			
6060.6	74344	PLTVLLEY 345	78705 ATHENS	345 1	-0.26859	-1477.8	1724.0	OPEN 78701 [LEEDS 3 345]	TO 74344 [PLTVLLEY 345] CKT 2			
6203.6	74344	PLTVLLEY 345	78705 ATHENS	345 1	-0.26141	-1447.0	1724.0	OPEN 74344 [PLTVLLEY 345]	TO 74356 [WOOD B 345] CKT 1			
6305.7	74344	PLTVLLEY 345	78701 LEEDS 3	345 2	-0.26983	-1410.5	1724.0	OPEN 78702 [N.SCOT77 345]	TO 78701 [LEEDS 3 345] CKT 1			
6318.2	79303	SMAHWAH2 345	5028 WALDWICK	345 1	0.03696	545.6	589.0	OPEN 74347 [RAMAPO 345]	TO 74340 [LADENTWN 345] CKT 1			
6329.6 *	74344	PLTVLLEY 345	78701 LEEDS 3	345 2	-0.20206	-1091.4	1331.0	OPEN 74347 [RAMAPO 345]	TO 74312 [BUCH N 345] CKT 1			
6540.4	75403	FRASR345 345	75405 OAKDL345	345 1	-0.27049	-1002.3	1380.0	OPEN 74410 [BUCHNTA5 138]	TO 74312 [BUCH N 345] CKT 1			
6581.0	74344	PLTVLLEY 345	78705 ATHENS	345 1	-0.25678	-1355.0	1724.0	OPEN 78450 [EDIC 345]	TO 75403 [FRASR345 345] CKT 1			
6598.2 *	74344	PLTVLLEY 345	78705 ATHENS	345 1	-0.19229	-1051.4	1331.0	OPEN 79583 [MARCY T1 345]	TO 75400 [COOPC345 345] CKT 1			
6647.2	78701	LEEDS 3 345	78703 N.SCOT99	345 2	-0.29539	-1280.0	1724.0	OPEN 79583 [MARCY T1 345]	TO 75400 [COOPC345 345] CKT 1			
6702.3	78703	N.SCOT99 345	79583 MARCY T1	345 1	-0.27659	-1361.0	1792.0	OPEN 75403 [FRASR345 345]	TO 75400 [COOPC345 345] CKT 1			
6732.1	74002	ROSETON 345	74331 FISHKILL	345 1	0.18630	1639.1	1935.0	OPEN 78450 [EDIC 345]	TO 78460 [PORTER 2 230] CKT 1			
6763.9	78703	N.SCOT99 345	79583 MARCY T1	345 1	-0.27204	-1351.3	1792.0	OPEN 78450 [EDIC 345]	TO 78485 [PORTER 1 115] CKT 1			
6768.6	75400	COOPC345 345	75403 FRASR345	345 1	-0.19462	-890.8	1207.0	OPEN 78450 [EDIC 345]	TO 75403 [FRASR345 345] CKT 1			
6827.8	75403	FRASR345 345	79581 GILB 345	345 1	0.28906	1037.3	1524.0	OPEN 79583 [MARCY T1 345]	TO 75400 [COOPC345 345] CKT 1			
6835.7	79304	N.M.TAP 345	79322 SHOEMTAP	138 1	0.06994	548.7	667.0	OPEN 75403 [FRASR345 345]	TO 75400 [COOPC345 345] CKT 1			
6845.6	75403	FRASR345 345	79581 GILB 345	345 1	0.29224	1026.7	1524.0	OPEN 74001 [ROCK TAV 345]	TO 74347 [RAMAPO 345] CKT 1			
6945.2	78703	N.SCOT99 345	79583 MARCY T1	345 1	-0.27080	-1304.2	1792.0	OPEN 74001 [ROCK TAV 345]	TO 74046 [ROCK TV1 115] CKT 1			
6957.6	79586	ADRON B2 230	79590 MOSES W	230 1	-0.02658	-391.8	440.0	OPEN 74046 [ROCK TV1 115]	TO 74018 [SUGARLF 115] CKT 1			
6957.7	79585	ADRON B1 230	79590 MOSES W	230 1	-0.02658	-391.8	440.0	OPEN 75400 [COOPC345 345]	TO 79304 [N.M.TAP 345] CKT 1			
6994.3	74001	ROCK TAV 345	74347 RAMAPO	345 1	0.31553	1585.2	2169.0	OPEN 79304 [N.M.TAP 345]	TO 74001 [ROCK TAV 345] CKT 1			
7002.0	74001	ROCK TAV 345	74347 RAMAPO	345 1	0.31048	1592.1	2169.0	OPEN 78450 [EDIC 345]	TO 78702 [N.SCOT77 345] CKT 1			
								OPEN 79578 [MASS 765 765]	TO 79577 [MARCY765 765] CKT 1			
								OPEN 79578 [MASS 765 765]	TO 79577 [MARCY765 765] CKT 1			
								OPEN 74331 [FISHKILL 345]	TO 74022 [E FISH I 115] CKT 1			
								OPEN 74331 [FISHKILL 345]	TO 74002 [ROSETON 345] CKT 1			
								OPEN 74002 [ROSETON 345]	TO 74331 [FISHKILL 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	11.0
78450 EDIC	345 78702 N.SCOT77	345 1	0.38356	889.0
78460 PORTER 2	230 78980 ROTRDM.2	230 1	0.09124	250.0
78460 PORTER 2	230 78980 ROTRDM.2	230 2	0.09375	256.6
78478 INGMS-CD	115 79136 INGHAM-E	115 1	0.00000	119.9
79583 MARCY T1	345 78703 N.SCOT99	345 1	0.41405	995.1
79602 PLAT T#3	115 70511 GRAND IS	115 1	0.00000	117.2
TOTALS FOR INTERFACE CENTRAL EAST			1.00000	2638.8

TOTAL TRANS CAPAB	LIMITING ELEMENT	FROM	TO	CKT	DISTR. FACTOR	PRE-SHIFT MW	RATING BAS/CNT A/C	CONTINGENCY DESCRIPTION
1747.8		79303 SMAHWAH2	345 5028 WALDWICK	345 1	0.05693	639.7	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
2336.9	INTERFACE CENTRAL EAST				1.32868	3501.2	3100.0	OPEN 78450 [EDIC 345] TO 75403 [FRASR345 345] CKT 1 OPEN 79583 [MARCY T1 345] TO 75400 [COOPC345 345] CKT 1
2495.7	INTERFACE CENTRAL EAST				1.27206	3282.1	3100.0	OPEN 79583 [MARCY T1 345] TO 75400 [COOPC345 345] CKT 1 OPEN 75403 [FRASR345 345] TO 75400 [COOPC345 345] CKT 1
2602.6	INTERFACE CENTRAL EAST				1.23075	3144.6	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	3116.1	3100.0	SET BUS 71786 [SANDY PD 345] LOAD TO 0 MW DISPATCH
2622.8 *	INTERFACE CENTRAL EAST				1.00000	3116.1	3100.0	OPEN 70509 [SB RCTOR 115] TO 70508 [SANDB115 115] CKT 2 SET BUS 71786 [SANDY PD 345] LOAD TO 0 MW DISPATCH
2625.5	INTERFACE TOTAL EAST				2.02138	6527.0	6500.0	OPEN 70509 [SB RCTOR 115] TO 70508 [SANDB115 115] CKT 2 SET BUS 71786 [SANDY PD 345] LOAD TO 0 MW DISPATCH
2625.5	INTERFACE TOTAL EAST				2.02138	6527.0	6500.0	SET BUS 71786 [SANDY PD 345] LOAD TO 0 MW DISPATCH
2719.0	INTERFACE TOTAL EAST				2.02138	6338.0	6500.0	OPEN 70509 [SB RCTOR 115] TO 70508 [SANDB115 115] CKT 2 REMOVE MACHINE 1 FROM BUS 72869 [SBRK G1 25.0] DISPATCH
2719.0	INTERFACE TOTAL EAST				2.02138	6338.0	6500.0	REMOVE MACHINE 1 FROM BUS 72869 [SBRK G1 25.0] DISPATCH
2735.0 *	INTERFACE TOTAL EAST				2.02138	6305.6	6500.0	REMOVE MACHINE 3 FROM BUS 73563 [MILL#3 24.0] DISPATCH
2921.9	74344 PLTVLLEY 345 78701 LEEDS 3 345 2				-0.58147	-1559.4	1724.0	OPEN 78705 [ATHENS 345] TO 74344 [PLTVLLEY 345] CKT 1
2992.7	74344 PLTVLLEY 345 78705 ATHENS 345 1				-0.56552	-1523.9	1724.0	OPEN 78701 [LEEDS 3 345] TO 74344 [PLTVLLEY 345] CKT 2
3015.4	74344 PLTVLLEY 345 78701 LEEDS 3 345 2				-0.55752	-1514.1	1724.0	OPEN 78705 [ATHENS 345] TO 74344 [PLTVLLEY 345] CKT 1 OPEN 74344 [PLTVLLEY 345] TO 74341 [MILLWOOD 345] CKT 1
3019.0	74344 PLTVLLEY 345 78701 LEEDS 3 345 2				-0.55811	-1511.8	1724.0	OPEN 78705 [ATHENS 345] TO 74344 [PLTVLLEY 345] CKT 1 OPEN 74344 [PLTVLLEY 345] TO 74356 [WOOD B 345] CKT 1
3092.3	74344 PLTVLLEY 345 78705 ATHENS 345 1				-0.54292	-1477.8	1724.0	OPEN 78701 [LEEDS 3 345] TO 74344 [PLTVLLEY 345] CKT 2 OPEN 74344 [PLTVLLEY 345] TO 74356 [WOOD B 345] CKT 1
3163.1	74344 PLTVLLEY 345 78705 ATHENS 345 1				-0.52841	-1447.0	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
3213.6	74344 PLTVLLEY 345 78701 LEEDS 3 345 2				-0.54543	-1410.5	1724.0	OPEN 79583 [MARCY T1 345] TO 75400 [COOPC345 345] CKT 1 OPEN 75403 [FRASR345 345] TO 75400 [COOPC345 345] CKT 1
3219.7	79303 SMAHWAH2 345 5028 WALDWICK 345 1				0.07470	545.6	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
3225.4	*74344 PLTVLLEY 345 78701 LEEDS 3 345 2				-0.40845	-1091.4	1331.0	BASE CASE

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

TOTAL	LIMITING ELEMENT						DISTR.	PRE- RATING		CONTINGENCY			DESCRIPTION
TRANS	FROM	TO	CKT	FACTOR	MW	A/C	SHIFT	BAS/CNT					
3329.7	75403 FRASR345	345 75405 OAKDL345	345 1	-0.54676	-1002.3	1380.0	OPEN	78450 [EDIC	345]	TO	75403 [FRASR345	345] CKT 1	
							OPEN	79583 [MARCY T1	345]	TO	75400 [COOPC345	345] CKT 1	
3349.7	74344 PLTVLLEY	345 78705 ATHENS	345 1	-0.51905	-1355.0	1724.0	OPEN	79583 [MARCY T1	345]	TO	75400 [COOPC345	345] CKT 1	
							OPEN	75403 [FRASR345	345]	TO	75400 [COOPC345	345] CKT 1	
3358.3	*74344 PLTVLLEY	345 78705 ATHENS	345 1	-0.38869	-1051.4	1331.0	BASE CASE						
3382.5	78701 LEEDS 3	345 78703 N.SCOT99	345 2	-0.59709	-1280.0	1724.0	OPEN	78701 [LEEDS 3	345]	TO	78702 [N.SCOT77	345] CKT 1	
3409.7	78703 N.SCOT99	345 79583 MARCY T1	345 1	-0.55908	-1361.0	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	
3424.5	74002 ROSETON	345 74331 FISHKILL	345 1	0.37659	1639.1	1935.0	BASE CASE						
3440.2	78703 N.SCOT99	345 79583 MARCY T1	345 1	-0.54989	-1351.3	1792.0	OPEN	78450 [EDIC	345]	TO	75403 [FRASR345	345] CKT 1	
							OPEN	79583 [MARCY T1	345]	TO	75400 [COOPC345	345] CKT 1	
3442.6	75400 COOPC345	345 75403 FRASR345	345 1	-0.39339	-890.8	1207.0	BASE CASE						
3471.9	75403 FRASR345	345 79581 GILB 345	345 1	0.58429	1037.3	1524.0	OPEN	79583 [MARCY T1	345]	TO	75400 [COOPC345	345] CKT 1	
							OPEN	75403 [FRASR345	345]	TO	75400 [COOPC345	345] CKT 1	
3475.8	79304 N.M.TAP	345 79322 SHOEMTAP	138 1	0.14137	548.7	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	
3480.7	75403 FRASR345	345 79581 GILB 345	345 1	0.59074	1026.7	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	
3529.9	78703 N.SCOT99	345 79583 MARCY T1	345 1	-0.54740	-1304.2	1792.0	OPEN	78450 [EDIC	345]	TO	78702 [N.SCOT77	345] CKT 1	
3536.1	79586 ADRON B2	230 79590 MOSES W	230 1	-0.05373	-391.8	440.0	OPEN	79578 [MASS 765	765]	TO	79577 [MARCY765	765] CKT 1	
3536.1	79585 ADRON B1	230 79590 MOSES W	230 1	-0.05373	-391.8	440.0	OPEN	79578 [MASS 765	765]	TO	79577 [MARCY765	765] CKT 1	
3554.2	74001 ROCK TAV	345 74347 RAMAPO	345 1	0.63780	1585.2	2169.0	OPEN	74331 [FISHKILL	345]	TO	74022 [E FISH I	115] CKT 1	
							OPEN	74331 [FISHKILL	345]	TO	74002 [ROSETON	345] CKT 1	
3558.0	74001 ROCK TAV	345 74347 RAMAPO	345 1	0.62759	1592.1	2169.0	OPEN	74002 [ROSETON	345]	TO	74331 [FISHKILL	345] CKT 1	
3563.5	75400 COOPC345	345 75403 FRASR345	345 1	-0.52697	-1215.8	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	
3573.6	75400 COOPC345	345 79583 MARCY T1	345 1	-0.40694	-964.6	1345.0	OPEN	75403 [FRASR345	345]	TO	75400 [COOPC345	345] CKT 1	
							OPEN	75405 [OAKDL345	345]	TO	75403 [FRASR345	345] CKT 1	
3588.3	78703 N.SCOT99	345 79583 MARCY T1	345 1	-0.53800	-1281.2	1792.0	OPEN	79580 [JA FITZP	345]	TO	78450 [EDIC	345] CKT 1	
							OPEN	78702 [N.SCOT77	345]	TO	78450 [EDIC	345] CKT 1	
3596.7	75400 COOPC345	345 75403 FRASR345	345 1	-0.52219	-1202.8	1703.0	OPEN	79583 [MARCY T1	345]	TO	75400 [COOPC345	345] CKT 1	
3597.8	75400 COOPC345	345 79583 MARCY T1	345 1	-0.40274	-958.8	1345.0	OPEN	75403 [FRASR345	345]	TO	75400 [COOPC345	345] CKT 1	
3598.2	75400 COOPC345	345 75403 FRASR345	345 1	-0.52207	-1202.1	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	
3599.4	75400 COOPC345	345 79583 MARCY T1	345 1	-0.40271	-958.2	1345.0	OPEN	75403 [FRASR345	345]	TO	75400 [COOPC345	345] CKT 1	
							OPEN	75400 [COOPC345	345]	TO	75440 [COOPC115	115] CKT 1	
3603.2	*75400 COOPC345	345 75403 FRASR345	345 1	-0.52188	-1199.7	1703.0	OPEN	79577 [MARCY765	765]	TO	79583 [MARCY T1	345] CKT 1	
							OPEN	79583 [MARCY T1	345]	TO	75400 [COOPC345	345] CKT 1	
3612.6	78450 EDIC	345 78702 N.SCOT77	345 1	0.52012	1217.5	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	
3613.8	78450 EDIC	345 78702 N.SCOT77	345 1	0.52002	1217.0	1724.0	OPEN	78703 [N.SCOT99	345]	TO	79583 [MARCY T1	345] CKT 1	
3623.7	75403 FRASR345	345 75405 OAKDL345	345 1	-0.50461	-883.0	1380.0	OPEN	77400 [CLAY	345]	TO	78450 [EDIC	345] CKT 2	
							OPEN	78450 [EDIC	345]	TO	75403 [FRASR345	345] CKT 1	
3625.9	75400 COOPC345	345 79304 N.M.TAP	345 1	0.56015	1240.1	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 CENT E+FGILB ***

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

FROM	TO	CKT	DISTR. FACTOR	PRE-SHIFT MW
75403 FRASR345 345	79581 GILB 345 345	1	0.24894	456.7
75447 E.SPR115 115	79136 INGHAM-E 115	1	0.01307	11.0
78450 EDIC 345	78702 N.SCOT77 345	1	0.28808	889.0
78460 PORTER 2 230	78980 ROTRDM.2 230	1	0.06853	250.0
78460 PORTER 2 230	78980 ROTRDM.2 230	2	0.07041	256.6
78478 INGMS-CD 115	79136 INGHAM-E 115	1	0.00000	119.9
79583 MARCY T1 345	78703 N.SCOT99 345	1	0.31098	995.1
79602 PLAT T#3 115	70511 GRAND IS 115	1	0.00000	117.2
TOTALS FOR INTERFACE CENT E+FGILB			1.00000	3095.6

TOTAL TRANS	FROM	TO	CKT	DISTR. FACTOR	PRE-RATING MW	A/C	CONTINGENCY DESCRIPTION
1909.2	79303 SMAHWAH2 345	5028 WALDWICK 345	1	0.04276	639.7	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
2693.5	INTERFACE CENTRAL EAST			0.99792	3501.2	3100.0	OPEN 78450 [EDIC 345] TO 75403 [FRASR345 345] CKT 1 OPEN 79583 [MARCY T1 345] TO 75400 [COOPC345 345] CKT 1
2905.0	INTERFACE CENTRAL EAST			0.95540	3282.1	3100.0	OPEN 79583 [MARCY T1 345] TO 75400 [COOPC345 345] CKT 1 OPEN 75403 [FRASR345 345] TO 75400 [COOPC345 345] CKT 1
3047.3	INTERFACE CENTRAL EAST			0.92437	3144.6	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
3074.1	INTERFACE CENTRAL EAST			0.75106	3116.1	3100.0	SET BUS 71786 [SANDY PD 345] LOAD TO 0 MW DISPATCH
3074.1 *	INTERFACE CENTRAL EAST			0.75106	3116.1	3100.0	OPEN 70509 [SB RCTOR 115] TO 70508 [SANDB115 115] CKT 2 SET BUS 71786 [SANDY PD 345] LOAD TO 0 MW DISPATCH
3077.8	INTERFACE TOTAL EAST			1.51819	6527.0	6500.0	OPEN 70509 [SB RCTOR 115] TO 70508 [SANDB115 115] CKT 2 SET BUS 71786 [SANDY PD 345] LOAD TO 0 MW DISPATCH
3077.8	INTERFACE TOTAL EAST			1.51819	6527.0	6500.0	SET BUS 71786 [SANDY PD 345] LOAD TO 0 MW DISPATCH
3202.3	INTERFACE TOTAL EAST			1.51819	6338.0	6500.0	OPEN 70509 [SB RCTOR 115] TO 70508 [SANDB115 115] CKT 2 REMOVE MACHINE 1 FROM BUS 72869 [SBRK G1 25.0] DISPATCH
3202.3	INTERFACE TOTAL EAST			1.51819	6338.0	6500.0	REMOVE MACHINE 1 FROM BUS 72869 [SBRK G1 25.0] DISPATCH
3223.6 *	INTERFACE TOTAL EAST			1.51819	6305.6	6500.0	REMOVE MACHINE 3 FROM BUS 73563 [MILL#3 24.0] DISPATCH
3472.4	74344 PLTVLLEY 345	78701 LEEDS 3	345 2	-0.43672	-1559.4	1724.0	OPEN 78705 [ATHENS 345] TO 74344 [PLTVLLEY 345] CKT 1
3566.8	74344 PLTVLLEY 345	78705 ATHENS	345 1	-0.42474	-1523.9	1724.0	OPEN 78701 [LEEDS 3 345] TO 74344 [PLTVLLEY 345] CKT 2
3596.9	74344 PLTVLLEY 345	78701 LEEDS 3	345 2	-0.41873	-1514.1	1724.0	OPEN 78705 [ATHENS 345] TO 74344 [PLTVLLEY 345] CKT 1 OPEN 74344 [PLTVLLEY 345] TO 74341 [MILLWOOD 345] CKT 1
3601.8	74344 PLTVLLEY 345	78701 LEEDS 3	345 2	-0.41918	-1511.8	1724.0	OPEN 78705 [ATHENS 345] TO 74344 [PLTVLLEY 345] CKT 1 OPEN 74344 [PLTVLLEY 345] TO 74356 [WOOD B 345] CKT 1
3699.3	74344 PLTVLLEY 345	78705 ATHENS	345 1	-0.40777	-1477.8	1724.0	OPEN 78701 [LEEDS 3 345] TO 74344 [PLTVLLEY 345] CKT 2 OPEN 74344 [PLTVLLEY 345] TO 74356 [WOOD B 345] CKT 1
3793.5	74344 PLTVLLEY 345	78705 ATHENS	345 1	-0.39687	-1447.0	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
3860.8	74344 PLTVLLEY 345	78701 LEEDS 3	345 2	-0.40965	-1410.5	1724.0	OPEN 79583 [MARCY T1 345] TO 75400 [COOPC345 345] CKT 1 OPEN 75403 [FRASR345 345] TO 75400 [COOPC345 345] CKT 1
3869.0	79303 SMAHWAH2 345	5028 WALDWICK 345	1	0.05611	545.6	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 CENT E+FGILB ***

TOTAL	LIMITING ELEMENT										PRE- RATING		CONTINGENCY DESCRIPTION	
TRANS	FROM	TO	CTKT	DISTR.	SHIFT	BAS/CNT	FACTOR	MW	A/C					
3876.5	*74344	PLTVLLEY 345	78701	LEEDS 3 345 2	-0.30677	-1091.4	1331.0				BASE CASE			
4015.4	75403	FRASR345 345	75405	OAKDL345 345 1	-0.41065	-1002.3	1380.0				OPEN 78450 [EDIC 345] TO 75403 [FRASR345 345] CKT 1			
4042.1	74344	PLTVLLEY 345	78705	ATHENS 345 1	-0.38984	-1355.0	1724.0				OPEN 79583 [MARCY T1 345] TO 75400 [COOPC345 345] CKT 1			
4053.5	*74344	PLTVLLEY 345	78705	ATHENS 345 1	-0.29193	-1051.4	1331.0				OPEN 79583 [MARCY T1 345] TO 75400 [COOPC345 345] CKT 1			
4085.7	78701	LEEDS 3 345	78703	N.SCOT99 345 2	-0.44845	-1280.0	1724.0				OPEN 75403 [FRASR345 345] TO 75400 [COOPC345 345] CKT 1			
4122.0	78703	N.SCOT99 345	79583	MARCY T1 345 1	-0.41991	-1361.0	1792.0				OPEN 78701 [LEEDS 3 345] TO 78702 [N.SCOT77 345] CKT 1			
4141.7	74002	ROSETON 345	74331	FISHKILL 345 1	0.28284	1639.1	1935.0				OPEN 78450 [EDIC 345] TO 78450 [EDIC 345] CKT 1			
4162.6	78703	N.SCOT99 345	79583	MARCY T1 345 1	-0.41300	-1351.3	1792.0				OPEN 78450 [EDIC 345] TO 78485 [PORTER 1 115] CKT 1			
4165.7	75400	COOPC345 345	75403	FRASR345 345 1	-0.29546	-890.8	1207.0				OPEN 79583 [MARCY T1 345] TO 75400 [COOPC345 345] CKT 1			
4204.7	75403	FRASR345 345	79581	GILB 345 345 1	0.43884	1037.3	1524.0				OPEN 75403 [FRASR345 345] TO 75400 [COOPC345 345] CKT 1			
4209.9	79304	N.M.TAP 345	79322	SHOEMTAP 138 1	0.10618	548.7	667.0				OPEN 74001 [ROCK TAV 345] TO 74347 [RAMAPO 345] CKT 1			
4216.4	75403	FRASR345 345	79581	GILB 345 345 1	0.44368	1026.7	1524.0				OPEN 74001 [ROCK TV1 115] TO 74018 [SUGARLF 115] CKT 1			
4282.0	78703	N.SCOT99 345	79583	MARCY T1 345 1	-0.41113	-1304.2	1792.0				OPEN 75400 [COOPC345 345] TO 79304 [N.M.TAP 345] CKT 1			
4290.2	79586	ADRON B2 230	79590	MOSES W 230 1	-0.04036	-391.8	440.0				OPEN 79304 [N.M.TAP 345] TO 74001 [ROCK TAV 345] CKT 1			
4290.2	79585	ADRON B1 230	79590	MOSES W 230 1	-0.04036	-391.8	440.0				OPEN 79304 [N.M.TAP 345] TO 74001 [ROCK TAV 345] CKT 1			
4314.4	74001	ROCK TAV 345	74347	RAMAPO 345 1	0.47903	1585.2	2169.0				OPEN 79304 [N.M.TAP 345] TO 74001 [ROCK TAV 345] CKT 1			
4319.4	74001	ROCK TAV 345	74347	RAMAPO 345 1	0.47136	1592.1	2169.0				OPEN 74331 [FISHKILL 345] TO 74002 [ROSETON 345] CKT 1			
4326.6	75400	COOPC345 345	75403	FRASR345 345 1	-0.39579	-1215.8	1703.0				OPEN 74001 [ROCK TV1 115] TO 74018 [SUGARLF 115] CKT 1			
4340.2	75400	COOPC345 345	79583	MARCY T1 345 1	-0.30564	-964.6	1345.0				OPEN 75400 [COOPC345 345] TO 79304 [N.M.TAP 345] CKT 1			
4359.8	78703	N.SCOT99 345	79583	MARCY T1 345 1	-0.40407	-1281.2	1792.0				OPEN 79304 [N.M.TAP 345] TO 74001 [ROCK TAV 345] CKT 1			
4370.9	75400	COOPC345 345	75403	FRASR345 345 1	-0.39220	-1202.8	1703.0				OPEN 74001 [ROCK TV1 115] TO 74018 [SUGARLF 115] CKT 1			
4372.3	75400	COOPC345 345	79583	MARCY T1 345 1	-0.30248	-958.8	1345.0				OPEN 74002 [ROSETON 345] TO 74331 [FISHKILL 345] CKT 1			
4373.0	75400	COOPC345 345	75403	FRASR345 345 1	-0.39211	-1202.1	1703.0				OPEN 74002 [ROSETON 345] TO 74331 [FISHKILL 345] CKT 1			
4374.5	75400	COOPC345 345	79583	MARCY T1 345 1	-0.30246	-958.2	1345.0				OPEN 74331 [FISHKILL 345] TO 74002 [ROSETON 345] CKT 1			
4379.6	*75400	COOPC345 345	75403	FRASR345 345 1	-0.39196	-1199.7	1703.0				OPEN 75400 [COOPC345 345] TO 75440 [COOPC115 115] CKT 1			
4392.0	78450	EDIC 345	78702	N.SCOT77 345 1	0.39065	1217.5	1724.0				OPEN 75400 [COOPC345 345] TO 75440 [COOPC115 115] CKT 1			
4393.6	78450	EDIC 345	78702	N.SCOT77 345 1	0.39057	1217.0	1724.0				OPEN 79577 [MARCY T1 345] TO 79583 [MARCY T1 345] CKT 1			
4406.9	75403	FRASR345 345	75405	OAKDL345 345 1	-0.37900	-883.0	1380.0				OPEN 79577 [MARCY T1 345] TO 79583 [MARCY T1 345] CKT 1			
											OPEN 79583 [MARCY T1 345] TO 78703 [N.SCOT99 345] CKT 1			
											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 CE GROUP ***

-<- INTERFACE 'CE GROUP		' DEFINITION ->		PRE-
FROM	TO	CKT	DISTR. FACTOR	SHIFT MW
75512 W.WDB115	115 76210 W.WDBR6969.0	1	0.00483	20.2
75403 FRASR345	345 79581 GILB 345 345	1	0.16397	456.7
75400 COOPC345	345 74001 ROCK TAV 345	2	0.16248	697.4
75400 COOPC345	345 79304 N.M.TAP 345	1	0.17401	795.5
75447 E.SPR115	115 79136 INGHAM-E 115	1	0.00861	11.0
78450 EDIC	345 78702 N.SCOT77 345	1	0.18975	889.0
78460 PORTER 2	230 78980 ROTRDM.2 230	1	0.04514	250.0
78460 PORTER 2	230 78980 ROTRDM.2 230	2	0.04638	256.6
78478 INGMS-CD	115 79136 INGHAM-E 115	1	0.00000	119.9
79583 MARCY T1	345 78703 N.SCOT99 345	1	0.20483	995.1
TOTALS FOR INTERFACE CE GROUP			1.00000	4491.6

TOTAL TRANS CAPAB	-----> LIMITING ELEMENT <----->	CKT	DISTR. FACTOR	PRE-SHIFT MW	RATING BAS/CNT A/C	CONTINGENCY DESCRIPTION
2690.5	79303 SMAHWAH2 345 5028 WALDWICK 345	1	0.02816	639.7	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
3881.2	INTERFACE CENTRAL EAST		0.65731	3501.2	3100.0	OPEN 78450 [EDIC 345] TO 75403 [FRASR345 345] CKT 1 OPEN 79583 [MARCY T1 345] TO 75400 [COOPC345 345] CKT 1
4202.2	INTERFACE CENTRAL EAST		0.62930	3282.1	3100.0	OPEN 79583 [MARCY T1 345] TO 75400 [COOPC345 345] CKT 1 OPEN 75403 [FRASR345 345] TO 75400 [COOPC345 345] CKT 1
4418.3	INTERFACE CENTRAL EAST		0.60887	3144.6	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
4459.1	INTERFACE CENTRAL EAST		0.49471	3116.1	3100.0	SET BUS 71786 [SANDY PD 345] LOAD TO 0 MW DISPATCH
4459.1 *	INTERFACE CENTRAL EAST		0.49471	3116.1	3100.0	OPEN 70509 [SB RCTOR 115] TO 70508 [SANDB115 115] CKT 2 SET BUS 71786 [SANDY PD 345] LOAD TO 0 MW DISPATCH
4464.6	INTERFACE TOTAL EAST		1.00000	6527.0	6500.0	OPEN 70509 [SB RCTOR 115] TO 70508 [SANDB115 115] CKT 2 SET BUS 71786 [SANDY PD 345] LOAD TO 0 MW DISPATCH
4464.6	INTERFACE TOTAL EAST		1.00000	6527.0	6500.0	SET BUS 71786 [SANDY PD 345] LOAD TO 0 MW DISPATCH
4653.6	INTERFACE TOTAL EAST		1.00000	6338.0	6500.0	OPEN 70509 [SB RCTOR 115] TO 70508 [SANDB115 115] CKT 2 REMOVE MACHINE 1 FROM BUS 72869 [SBRK G1 25.0] DISPATCH
4653.6	INTERFACE TOTAL EAST		1.00000	6338.0	6500.0	REMOVE MACHINE 1 FROM BUS 72869 [SBRK G1 25.0] DISPATCH
4686.0 *	INTERFACE TOTAL EAST		1.00000	6305.6	6500.0	REMOVE MACHINE 3 FROM BUS 73563 [MILL#3 24.0] DISPATCH
5063.7	74344 PLTVLLEY 345 78701 LEEDS 3	345 2	-0.28766	-1559.4	1724.0	OPEN 78705 [ATHENS 345] TO 74344 [PLTVLLEY 345] CKT 1
5207.0	74344 PLTVLLEY 345 78705 ATHENS	345 1	-0.27977	-1523.9	1724.0	OPEN 78701 [LEEDS 3 345] TO 74344 [PLTVLLEY 345] CKT 2
5252.8	74344 PLTVLLEY 345 78701 LEEDS 3	345 2	-0.27581	-1514.1	1724.0	OPEN 78705 [ATHENS 345] TO 74344 [PLTVLLEY 345] CKT 1 OPEN 74344 [PLTVLLEY 345] TO 74341 [MILLWOOD 345] CKT 1
5260.1	74344 PLTVLLEY 345 78701 LEEDS 3	345 2	-0.27610	-1511.8	1724.0	OPEN 78705 [ATHENS 345] TO 74344 [PLTVLLEY 345] CKT 1 OPEN 74344 [PLTVLLEY 345] TO 74356 [WOOD B 345] CKT 1
5408.2	74344 PLTVLLEY 345 78705 ATHENS	345 1	-0.26859	-1477.8	1724.0	OPEN 78701 [LEEDS 3 345] TO 74344 [PLTVLLEY 345] CKT 2 OPEN 74344 [PLTVLLEY 345] TO 74356 [WOOD B 345] CKT 1
5551.3	74344 PLTVLLEY 345 78705 ATHENS	345 1	-0.26141	-1447.0	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
5653.4	74344 PLTVLLEY 345 78701 LEEDS 3	345 2	-0.26983	-1410.5	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	LIMITING ELEMENT						DISTR.	PRE- RATING		CONTINGENCY DESCRIPTION				
TRANS	FROM	TO	CKT	FACTOR	MW	A/C	SHIFT	BAS/CNT						
CAPAB	FROM	TO	CKT	FACTOR	MW	A/C	SHIFT	BAS/CNT						
5665.8	79303	SMAHWAH2 345	5028	WALDWICK 345 1	0.03696	545.6	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
5677.2	*74344	PLTVLLEY 345	78701	LEEDS 3 345 2	-0.20206	-1091.4	1331.0	BASE	CASE					
5888.0	75403	FRASR345 345	75405	OAKDL345 345 1	-0.27049	-1002.3	1380.0	OPEN	78450	[EDIC 345]	TO	75403	[FRASR345 345]	CKT 1
								OPEN	79583	[MARCY T1 345]	TO	75400	[COOPC345 345]	CKT 1
5928.6	74344	PLTVLLEY 345	78705	ATHENS 345 1	-0.25678	-1355.0	1724.0	OPEN	79583	[MARCY T1 345]	TO	75400	[COOPC345 345]	CKT 1
								OPEN	75403	[FRASR345 345]	TO	75400	[COOPC345 345]	CKT 1
5945.9	*74344	PLTVLLEY 345	78705	ATHENS 345 1	-0.19229	-1051.4	1331.0	BASE	CASE					
5994.8	78701	LEEDS 3 345	78703	N.SCOT99 345 2	-0.29539	-1280.0	1724.0	OPEN	78701	[LEEDS 3 345]	TO	78702	[N.SCOT77 345]	CKT 1
6049.9	78703	N.SCOT99 345	79583	MARCY T1 345 1	-0.27659	-1361.0	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
6079.8	74002	ROSETON 345	74331	FISHKILL 345 1	0.18630	1639.1	1935.0	BASE	CASE					
6111.5	78703	N.SCOT99 345	79583	MARCY T1 345 1	-0.27203	-1351.3	1792.0	OPEN	78450	[EDIC 345]	TO	75403	[FRASR345 345]	CKT 1
								OPEN	79583	[MARCY T1 345]	TO	75400	[COOPC345 345]	CKT 1
6116.2	75400	COOPC345 345	75403	FRASR345 345 1	-0.19462	-890.8	1207.0	BASE	CASE					
6175.4	75403	FRASR345 345	79581	GILB 345 345 1	0.28906	1037.3	1524.0	OPEN	79583	[MARCY T1 345]	TO	75400	[COOPC345 345]	CKT 1
								OPEN	75403	[FRASR345 345]	TO	75400	[COOPC345 345]	CKT 1
6183.4	79304	N.M.TAP 345	79322	SHOEMTAP 138 1	0.06994	548.7	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
6193.3	75403	FRASR345 345	79581	GILB 345 345 1	0.29224	1026.7	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
6292.8	78703	N.SCOT99 345	79583	MARCY T1 345 1	-0.27080	-1304.2	1792.0	OPEN	78450	[EDIC 345]	TO	78702	[N.SCOT77 345]	CKT 1
6305.3	79586	ADRON B2 230	79590	MOSES W 230 1	-0.02658	-391.8	440.0	OPEN	79578	[MASS 765 765]	TO	79577	[MARCY765 765]	CKT 1
6305.3	79585	ADRON B1 230	79590	MOSES W 230 1	-0.02658	-391.8	440.0	OPEN	79578	[MASS 765 765]	TO	79577	[MARCY765 765]	CKT 1
6342.0	74001	ROCK TAV 345	74347	RAMAPO 345 1	0.31553	1585.2	2169.0	OPEN	74331	[FISHKILL 345]	TO	74022	[E FISH I 115]	CKT 1
								OPEN	74331	[FISHKILL 345]	TO	74002	[ROSETON 345]	CKT 1
6349.6	74001	ROCK TAV 345	74347	RAMAPO 345 1	0.31048	1592.1	2169.0	OPEN	74002	[ROSETON 345]	TO	74331	[FISHKILL 345]	CKT 1
6360.6	75400	COOPC345 345	75403	FRASR345 345 1	-0.26070	-1215.8	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
6381.1	75400	COOPC345 345	79583	MARCY T1 345 1	-0.20132	-964.6	1345.0	OPEN	75403	[FRASR345 345]	TO	75400	[COOPC345 345]	CKT 1
								OPEN	75405	[OAKDL345 345]	TO	75403	[FRASR345 345]	CKT 1
6410.9	78703	N.SCOT99 345	79583	MARCY T1 345 1	-0.26615	-1281.2	1792.0	OPEN	79580	[JA FITZP 345]	TO	78450	[EDIC 345]	CKT 1
								OPEN	78702	[N.SCOT77 345]	TO	78450	[EDIC 345]	CKT 1
6427.8	75400	COOPC345 345	75403	FRASR345 345 1	-0.25833	-1202.8	1703.0	OPEN	79583	[MARCY T1 345]	TO	75400	[COOPC345 345]	CKT 1
6430.0	75400	COOPC345 345	79583	MARCY T1 345 1	-0.19924	-958.8	1345.0	OPEN	75403	[FRASR345 345]	TO	75400	[COOPC345 345]	CKT 1
6430.9	75400	COOPC345 345	75403	FRASR345 345 1	-0.25827	-1202.1	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
6433.2	75400	COOPC345 345	79583	MARCY T1 345 1	-0.19923	-958.2	1345.0	OPEN	75403	[FRASR345 345]	TO	75400	[COOPC345 345]	CKT 1
								OPEN	75400	[COOPC345 345]	TO	75440	[COOPC115 115]	CKT 1
6441.0	*75400	COOPC345 345	75403	FRASR345 345 1	-0.25818	-1199.7	1703.0	OPEN	79577	[MARCY765 765]	TO	79583	[MARCY T1 345]	CKT 1
								OPEN	79583	[MARCY T1 345]	TO	75400	[COOPC345 345]	CKT 1
6459.9	78450	EDIC 345	78702	N.SCOT77 345 1	0.25731	1217.5	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
6462.3	78450	EDIC 345	78702	N.SCOT77 345 1	0.25726	1217.0	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:	2425.8	-1000.0	1425.8
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	161.8	-38.2 -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 ----->										BASE CASE ----->									
										CKT										TOTAL									
																				TRANS RATING									
																				PRE- POST- LIMIT									
																				SHIFT SHIFT CASE									
																				DISTR.									
																				FACTOR									
74403	ASTORIAW 138	74496	HG 5	138	1	1106.7	177	114.8	267.8*	177.0*	0.15297																		
74403	ASTORIAW 138	74497	HG 6	138	1	1165.9	177	109.4	254.5*	168.4	0.14501																		
74316	DUNWODIE 345	75000	SHORE RD	345	1	1334.7	687	573.4	752.4*	646.2	0.17902																		
74435	E179 ST 138	74497	HG 6	138	1	1594.8	222	46.6	-253.6*	-75.5	-0.30026																		
74344	PLTVLLEY 345	78701	LEEDS 3	345	2	1884.0	1331	-1091.	-1294.	-1174.	-0.20236																		
74344	PLTVLLEY 345	78705	ATHENS	345	1	2152.2	1331	-1051.	-1244.	-1130.	-0.19257																		
74002	ROSETON 345	74331	FISHKILL	345	1	2177.6	1935	1639.1	1839.4	1720.5	0.20026																		
74316	DUNWODIE 345	74650	REAC71	345	SR	2222.8	715	394.1	604.9	479.8	0.21072																		
74316	DUNWODIE 345	74651	REAC72	345	SR	2222.8	715	394.1	604.9	479.8	0.21072																		
74650	REAC71 345	74691	S. BRONX	345	3	2222.8	715	394.1	604.9	479.8	0.21072																		
74651	REAC72 345	74691	S. BRONX	345	4	2222.8	715	394.1	604.9	479.8	0.21072																		
74384	ASTE-ERG 138	74495	HG 4	138	1	2318.2	161	81.8	-68.2	20.8	-0.15006																		
74402	ASTE-WRG 138	74492	HG 1	138	1	2382.6	161	91.3	-58.7	30.3	-0.14993																		
74348	SPRBROOK 345	74568	REACM52	345	SR	2461.6	774	422.5	622.0	503.6	0.19956																		
74348	SPRBROOK 345	74567	REACM51	345	SR	2461.6	774	422.5	622.0	503.6	0.19956																		
74354	W 49 ST 345	74568	REACM52	345	2	2468.3	774	-421.1	-620.7	-502.3	-0.19956																		
74354	W 49 ST 345	74567	REACM51	345	1	2468.3	774	-421.1	-620.7	-502.3	-0.19956																		
74345	RAINEY 345	74612	8W DUM	138	8	2755.5	240	-219.8	3.9	-128.8	0.22368																		
74345	RAINEY 345	74691	S. BRONX	345	4	2818.9	715	-268.6	-479.3	-354.2	-0.21070																		
74345	RAINEY 345	74691	S. BRONX	345	3	2818.9	715	-268.6	-479.3	-354.2	-0.21070																		
74435	E179 ST 138	74492	HG 1	138	1	2881.2	161	-166.2*	-16.2	-105.2	0.14999																		
74435	E179 ST 138	74495	HG 4	138	1	2881.2	161	-166.2*	-16.2	-105.2	0.14999																		
74345	RAINEY 345	74611	8E DUM	138	8	3154.8	271	-285.3*	-58.7	-193.1	0.22661																		

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

-< INTERFACE 'F TO G		DEFINITION ->		PRE-	
FROM	TO	CKT	DISTR. FACTOR	SHIFT	MW
78742 BLUES-8	115 74043 PL.VAL 1	115 1	0.02169		59.9
78739 BL STR E	115 74043 PL.VAL 1	115 1	0.02538		53.4
78730 ADM	115 74043 PL.VAL 1	115 1	0.02251		52.2
78757 BOC 2T	115 74040 N.CAT. 1	115 2	0.02004		91.1
78701 LEEDS 3	345 74000 HURLEY 3	345 1	0.22582		706.3
78705 ATHENS	345 74344 PLTVLLEY 345	1	0.33380		1051.4
78701 LEEDS 3	345 74344 PLTVLLEY 345	2	0.35076		1091.4
TOTALS FOR INTERFACE F TO G			1.00000		3105.7

TOTAL TRANS CAPAB	LIMITING ELEMENT	DISTR. FACTOR	PRE- SHIFT MW	RATING BAS/CNT A/C	CONTINGENCY DESCRIPTION
1248.3	79319 RAMP138 138 79361 TALLMAN 138 1	0.04121	380.9	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
2313.5	74018 SUGARLF 115 74046 ROCK TV1 115 1	-0.03612	-246.6	218.0	OPEN 79304 [N.M.TAP 345] TO 79322 [SHOEMTAP 138] CKT 1
2313.5	74018 SUGARLF 115 74046 ROCK TV1 115 1	-0.03612	-246.6	218.0	OPEN 79321 [SHOEM138 138] TO 79322 [SHOEMTAP 138] CKT 1
2328.6	74018 SUGARLF 115 79359 SGRLF69 69.0 1	0.03612	246.1	218.0	OPEN 79304 [N.M.TAP 345] TO 79322 [SHOEMTAP 138] CKT 1
2328.6	74018 SUGARLF 115 79359 SGRLF69 69.0 1	0.03612	246.1	218.0	OPEN 79321 [SHOEM138 138] TO 79322 [SHOEMTAP 138] CKT 1
2407.4	79303 SMAHWAH2 345 5028 WALDWICK 345 1	0.07264	639.7	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
2650.0	74018 SUGARLF 115 74046 ROCK TV1 115 1	-0.03683	-234.8	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
2664.8	74018 SUGARLF 115 79359 SGRLF69 69.0 1	0.03683	234.2	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
2665.6	79313 MONSEY 138 79361 TALLMAN 138 1	-0.04121	-322.5	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
3282.0	74018 SUGARLF 115 74046 ROCK TV1 115 1	-0.04028	-210.9	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
3295.5	74018 SUGARLF 115 79359 SGRLF69 69.0 1	0.04028	210.4	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
3340.3	74403 ASTORIAW 138 74496 HG 5 138 1	0.26516	114.8	177.0	BASE CASE
3366.0	*74018 SUGARLF 115 74046 ROCK TV1 115 1	-0.04411	-206.5	218.0	OPEN 74001 [ROCK TAV 345] TO 74347 [RAMAPO 345] CKT 1
3374.5	74403 ASTORIAW 138 74497 HG 6 138 1	0.25135	109.4	177.0	BASE CASE
3378.4	*74018 SUGARLF 115 79359 SGRLF69 69.0 1	0.04411	206.0	218.0	OPEN 74001 [ROCK TAV 345] TO 74347 [RAMAPO 345] CKT 1
3435.3	74344 PLTVLLEY 345 78701 LEEDS 3 345 2	-0.49935	-1559.4	1724.0	OPEN 74344 [PLTVLLEY 345] TO 78705 [ATHENS 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	440.1	
75400 COOPC345 345 79304 N.M.TAP 345	1	0.17551	795.5	
75400 COOPC345 345 74001 ROCK TAV 345	2	0.16427	697.4	
75512 W.WDB115 115 76210 W.WDBR6969.0	1	0.00506	20.2	
78742 BLUES-8 115 74043 PL.VAL 1 115	1	0.01253	59.9	
78739 BL STR E 115 74043 PL.VAL 1 115	1	0.01466	53.4	
78730 ADM 115 74043 PL.VAL 1 115	1	0.01300	52.2	
78757 BOC 2T 115 74040 N.CAT. 1 115	2	0.01158	91.1	
78701 LEEDS 3 345 74000 HURLEY 3 345	1	0.13044	706.3	
78705 ATHENS 345 74344 PLTVLLEY 345	1	0.19282	1051.4	
78701 LEEDS 3 345 74344 PLTVLLEY 345	2	0.20262	1091.4	
73117 CTNY398 345 74344 PLTVLLEY 345	1	0.07751	-301.5	
TOTALS FOR INTERFACE UPNY-S OPEN		1.00000	4757.5	

TOTAL TRANS	FROM	TO	CKT	DISTR. FACTOR	PRE-RATING SHIFT MW	A/C	CONTINGENCY DESCRIPTION
1542.0	79319 RAMP138 138 79361 TALLMAN 138 1	0.02381	380.9	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		
3386.0	74018 SUGARLF 115 74046 ROCK TV1 115 1	-0.02086	-246.6	218.0	OPEN 79304 [N.M.TAP 345] TO 79322 [SHOEMTAP 138] CKT 1		
3386.0	74018 SUGARLF 115 74046 ROCK TV1 115 1	-0.02086	-246.6	218.0	OPEN 79321 [SHOEM138 138] TO 79322 [SHOEMTAP 138] CKT 1		
3412.1	74018 SUGARLF 115 79359 SGRLF69 69.0 1	0.02086	246.1	218.0	OPEN 79304 [N.M.TAP 345] TO 79322 [SHOEMTAP 138] CKT 1		
3412.1	74018 SUGARLF 115 79359 SGRLF69 69.0 1	0.02086	246.1	218.0	OPEN 79321 [SHOEM138 138] TO 79322 [SHOEMTAP 138] CKT 1		
3548.6	79303 SMAHWAH2 345 5028 WALDWICK 345 1	0.04196	639.7	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		
3968.5	74018 SUGARLF 115 74046 ROCK TV1 115 1	-0.02127	-234.8	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		
3994.2	74018 SUGARLF 115 79359 SGRLF69 69.0 1	0.02127	234.2	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		
3995.6	79313 MONSEY 138 79361 TALLMAN 138 1	-0.02381	-322.5	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		
5062.6	74018 SUGARLF 115 74046 ROCK TV1 115 1	-0.02326	-210.9	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		
5086.1	74018 SUGARLF 115 79359 SGRLF69 69.0 1	0.02327	210.4	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	LIMITING ELEMENT						DISTR.	PRE- RATING		CONTINGENCY DESCRIPTION			
CAPAB	FROM	TO	CKT	FACTOR	MW	A/C	SHIFT	BAS/CNT					
5163.6	74403	ASTORIAW 138	74496	HG 5	138 1	0.15317	114.8	177.0	BASE CASE				
5208.1	*74018	SUGARLF 115	74046	ROCK TV1	115 1	-0.02548	-206.5	218.0	OPEN 74001	[ROCK TAV 345]	TO	74347	[RAMAPO 345] CKT 1
5222.8	74403	ASTORIAW 138	74497	HG 6	138 1	0.14519	109.4	177.0	BASE CASE				
5229.5	*74018	SUGARLF 115	79359	SGRLF69	69.0 1	0.02548	206.0	218.0	OPEN 74001	[ROCK TAV 345]	TO	74347	[RAMAPO 345] CKT 1
5328.1	74344	PLTVLLEY 345	78701	LEEDS 3	345 2	-0.28844	-1559.4	1724.0	OPEN 74344	[PLTVLLEY 345]	TO	78705	[ATHENS 345] CKT 1
5391.3	74316	DUNWODIE 345	75000	SHORE RD	345 1	0.17925	573.4	687.0	BASE CASE				
5402.9	79311	BURNS138 138	79313	MONSEY	138 1	-0.02381	-289.0	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				
5439.8	79308	CHESTER 138	79321	SHOEM138	138 1	-0.05341	-268.0	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
5470.9	74344	PLTVLLEY 345	78705	ATHENS	345 1	-0.28053	-1523.9	1724.0	OPEN 74344	[PLTVLLEY 345]	TO	78701	[LEEDS 3 345] CKT 2
5516.4	74344	PLTVLLEY 345	78701	LEEDS 3	345 2	-0.27663	-1514.1	1724.0	OPEN 78705	[ATHENS 345]	TO	74344	[PLTVLLEY 345] CKT 1
									OPEN 74344	[PLTVLLEY 345]	TO	74341	[MILLWOOD 345] CKT 1
5523.7	74344	PLTVLLEY 345	78701	LEEDS 3	345 2	-0.27692	-1511.8	1724.0	OPEN 78705	[ATHENS 345]	TO	74344	[PLTVLLEY 345] CKT 1
									OPEN 74344	[PLTVLLEY 345]	TO	74356	[WOOD B 345] CKT 1
5637.9	74403	ASTORIAW 138	74496	HG 5	138 1	0.29413	221.0	480.0	OPEN 74403	[ASTORIAW 138]	TO	74497	[HG 6 138] CKT 1
5640.4	74403	ASTORIAW 138	74497	HG 6	138 1	0.29366	220.7	480.0	OPEN 74403	[ASTORIAW 138]	TO	74496	[HG 5 138] CKT 1
5651.0	74435	E179 ST 138	74497	HG 6	138 1	-0.30065	46.6	222.0	BASE CASE				
5671.4	74344	PLTVLLEY 345	78705	ATHENS	345 1	-0.26938	-1477.8	1724.0	OPEN 78701	[LEEDS 3 345]	TO	74344	[PLTVLLEY 345] CKT 2
									OPEN 74344	[PLTVLLEY 345]	TO	74356	[WOOD B 345] CKT 1
5811.7	74344	PLTVLLEY 345	78705	ATHENS	345 1	-0.26275	-1447.0	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
5913.1	74344	PLTVLLEY 345	78701	LEEDS 3	345 2	-0.27127	-1410.5	1724.0	OPEN 79583	[MARCY T1 345]	TO	75400	[COOPC345 345] CKT 1
									OPEN 75403	[FRASR345 345]	TO	75400	[COOPC345 345] CKT 1
5939.9	*74344	PLTVLLEY 345	78701	LEEDS 3	345 2	-0.20262	-1091.4	1331.0	BASE CASE				
5971.2	79303	SMAHWAH2 345	5028	WALDWICK	345 1	0.03575	545.6	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
6082.4	74403	ASTORIAW 138	74497	HG 6	138 1	0.29477	89.5	480.0	OPEN 74496	[HG 5 138]	TO	74497	[HG 6 138] CKT 1
6087.4	79308	CHESTER 138	79323	SGRLF138	138 1	0.05341	233.4	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
									OPEN 74046	[ROCK TV1 115]	TO	74018	[SUGARLF 115] CKT 1
6087.7	79308	CHESTER 138	79321	SHOEM138	138 1	-0.04946	-238.6	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
6093.4	74345	RAINEY 345	74691	S. BRONX	345 3	-0.41434	-527.5	1081.0	OPEN 74345	[RAINEY 345]	TO	74691	[S. BRONX 345] CKT 4
6093.4	74345	RAINEY 345	74691	S. BRONX	345 4	-0.41434	-527.5	1081.0	OPEN 74345	[RAINEY 345]	TO	74691	[S. BRONX 345] CKT 3
6186.9	74344	PLTVLLEY 345	78705	ATHENS	345 1	-0.25815	-1355.0	1724.0	OPEN 79583	[MARCY T1 345]	TO	75400	[COOPC345 345] CKT 1
									OPEN 75403	[FRASR345 345]	TO	75400	[COOPC345 345] CKT 1
6207.8	*74344	PLTVLLEY 345	78705	ATHENS	345 1	-0.19282	-1051.4	1331.0	BASE CASE				
6233.1	74002	ROSETON 345	74331	FISHKILL	345 1	0.20052	1639.1	1935.0	BASE CASE				
6248.1	74435	E179 ST 138	74497	HG 6	138 1	-0.30072	-31.7	480.0	OPEN 74348	[SPRBROOK 345]	TO	74351	[TREMONT 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 UPNY-C OPEN ***

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

FROM	TO	CKT	DISTR. FACTOR	PRE-SHIFT MW
74002 ROSETON 345	74331 FISHKILL 345	1	0.20032	1639.1
74026 FISHKILL 115	75762 SYLVN115 115	1	0.00963	140.1
74022 E FISH I 115	74331 FISHKILL 345	1	0.01838	-149.1
74340 LADENTWN 345	74313 BUCH S 345	1	0.13592	356.9
74344 PLTVLLEY 345	74331 FISHKILL 345	1	0.07768	145.8
74344 PLTVLLEY 345	74331 FISHKILL 345	2	0.07768	145.8
74344 PLTVLLEY 345	74341 MILLWOOD 345	1	0.17355	684.8
74344 PLTVLLEY 345	74356 WOOD B 345	1	0.17126	722.8
74347 RAMAPO 345	74312 BUCH N 345	1	0.13558	50.1
TOTALS FOR INTERFACE UPNY-C OPEN			1.00000	3736.2

TOTAL TRANS CAPAB	LIMITING ELEMENT	FROM	TO	CKT	DISTR. FACTOR	PRE-RATING MW	BAS/A/C	CONTINGENCY	DESCRIPTION	
517.7	79319 RAMP138	138	79361 TALLMAN	138	1	0.02378	380.9	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	
2363.4	74018 SUGARLF	115	74046 ROCK TV1	115	1	-0.02084	-246.6	218.0	OPEN 79304 [N.M.TAP 345] TO 79322 [SHOEMTAP 138] CKT 1 OPEN 79321 [SHOEM138 138] TO 79322 [SHOEMTAP 138] CKT 1	
2389.6	74018 SUGARLF	115	79359 SGRLF69	69.0	1	0.02084	246.1	218.0	OPEN 79304 [N.M.TAP 345] TO 79322 [SHOEMTAP 138] CKT 1	
2389.6	74018 SUGARLF	115	79359 SGRLF69	69.0	1	0.02084	246.1	218.0	OPEN 79321 [SHOEM138 138] TO 79322 [SHOEMTAP 138] CKT 1	
2526.2	79303 SMAHWAH2	345	5028 WALDWICK	345	1	0.04192	639.7	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	
2946.5	74018 SUGARLF	115	74046 ROCK TV1	115	1	-0.02125	-234.8	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	
2972.2	74018 SUGARLF	115	79359 SGRLF69	69.0	1	0.02125	234.2	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	
2973.6	79313 MONSEY	138	79361 TALLMAN	138	1	-0.02378	-322.5	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	
4041.6	74018 SUGARLF	115	74046 ROCK TV1	115	1	-0.02324	-210.9	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	
4065.2	74018 SUGARLF	115	79359 SGRLF69	69.0	1	0.02324	210.4	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	
4142.7	74403 ASTORIAW	138	74496 HG	5	138	1	0.15302	114.8	177.0	BASE CASE
4187.2	*74018 SUGARLF	115	74046 ROCK TV1	115	1	-0.02546	-206.5	218.0	OPEN 74001 [ROCK TAV 345] TO 74347 [RAMAPO 345] CKT 1	
4202.0	74403 ASTORIAW	138	74497 HG	6	138	1	0.14505	109.4	177.0	BASE CASE

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

TOTAL TRANS	LIMITING ELEMENT					DISTR. FACTOR	PRE- RATING SHIFT BAS/CNT		CONTINGENCY	DESCRIPTION
	FROM	TO	CKT	MW	A/C					
4208.7	*74018	SUGARLF 115	79359	SGRLF69 69.0	1	0.02546	206.0	218.0	OPEN 74001	[ROCK TAV 345] TO 74347 [RAMAPO 345] CKT 1
4307.4	74344	PLTVLLEY 345	78701	LEEDS 3 345	2	-0.28817	-1559.4	1724.0	OPEN 74344	[PLTVLLEY 345] TO 78705 [ATHENS 345] CKT 1
4370.7	74316	DUNWODIE 345	75000	SHORE RD 345	1	0.17908	573.4	687.0	BASE CASE	
4382.3	79311	BURNS138 138	79313	MONSEY 138	1	-0.02379	-289.0	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	
4419.2	79308	CHESTER 138	79321	SHOEM138 138	1	-0.05336	-268.0	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
4450.3	74344	PLTVLLEY 345	78705	ATHENS 345	1	-0.28027	-1523.9	1724.0	OPEN 74344	[PLTVLLEY 345] TO 78701 [LEEDS 3 345] CKT 2
4495.9	74344	PLTVLLEY 345	78701	LEEDS 3 345	2	-0.27637	-1514.1	1724.0	OPEN 78705	[ATHENS 345] TO 74344 [PLTVLLEY 345] CKT 1
									OPEN 74344	[PLTVLLEY 345] TO 74341 [MILLWOOD 345] CKT 1
4503.2	74344	PLTVLLEY 345	78701	LEEDS 3 345	2	-0.27665	-1511.8	1724.0	OPEN 78705	[ATHENS 345] TO 74344 [PLTVLLEY 345] CKT 1
									OPEN 74344	[PLTVLLEY 345] TO 74356 [WOOD B 345] CKT 1
4617.5	74403	ASTORIAW 138	74496	HG 5 138	1	0.29385	221.0	480.0	OPEN 74403	[ASTORIAW 138] TO 74497 [HG 6 138] CKT 1
4620.0	74403	ASTORIAW 138	74497	HG 6 138	1	0.29338	220.7	480.0	OPEN 74403	[ASTORIAW 138] TO 74496 [HG 5 138] CKT 1
4630.6	74435	E179 ST 138	74497	HG 6 138	1	-0.30036	46.6	222.0	BASE CASE	
4651.0	74344	PLTVLLEY 345	78705	ATHENS 345	1	-0.26912	-1477.8	1724.0	OPEN 78701	[LEEDS 3 345] TO 74344 [PLTVLLEY 345] CKT 2
									OPEN 74344	[PLTVLLEY 345] TO 74356 [WOOD B 345] CKT 1
4791.5	74344	PLTVLLEY 345	78705	ATHENS 345	1	-0.26250	-1447.0	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
4893.0	74344	PLTVLLEY 345	78701	LEEDS 3 345	2	-0.27101	-1410.5	1724.0	OPEN 79583	[MARCY T1 345] TO 75400 [COOPC345 345] CKT 1
									OPEN 75403	[FRASR345 345] TO 75400 [COOPC345 345] CKT 1
4919.7	*74344	PLTVLLEY 345	78701	LEEDS 3 345	2	-0.20242	-1091.4	1331.0	BASE CASE	
4951.1	79303	SMAHWAH2 345	5028	WALDWICK 345	1	0.03572	545.6	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
5062.4	74403	ASTORIAW 138	74497	HG 6 138	1	0.29449	89.5	480.0	OPEN 74496	[HG 5 138] TO 74497 [HG 6 138] CKT 1
5067.4	79308	CHESTER 138	79323	SGRLF138 138	1	0.05336	233.4	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
									OPEN 74046	[ROCK TV1 115] TO 74018 [SUGARLF 115] CKT 1
5067.7	79308	CHESTER 138	79321	SHOEM138 138	1	-0.04941	-238.6	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
5073.4	74345	RAINEY 345	74691	S. BRONX 345	3	-0.41395	-527.5	1081.0	OPEN 74345	[RAINEY 345] TO 74691 [S. BRONX 345] CKT 4
5073.4	74345	RAINEY 345	74691	S. BRONX 345	4	-0.41395	-527.5	1081.0	OPEN 74345	[RAINEY 345] TO 74691 [S. BRONX 345] CKT 3
5167.0	74344	PLTVLLEY 345	78705	ATHENS 345	1	-0.25790	-1355.0	1724.0	OPEN 79583	[MARCY T1 345] TO 75400 [COOPC345 345] CKT 1
									OPEN 75403	[FRASR345 345] TO 75400 [COOPC345 345] CKT 1
5187.9	*74344	PLTVLLEY 345	78705	ATHENS 345	1	-0.19263	-1051.4	1331.0	BASE CASE	
5213.3	74002	ROSETON 345	74331	FISHKILL 345	1	0.20032	1639.1	1935.0	BASE CASE	
5228.3	74435	E179 ST 138	74497	HG 6 138	1	-0.30043	-31.7	480.0	OPEN 74348	[SPRBROOK 345] TO 74351 [TREMONT 345] CKT 1
									OPEN 74348	[SPRBROOK 345] TO 74419 [DUN NO T 138] CKT 6
5238.5	74435	E179 ST 138	74497	HG 6 138	1	-0.30042	-28.7	480.0	OPEN 74348	[SPRBROOK 345] TO 74351 [TREMONT 345] CKT 1
									OPEN 74348	[SPRBROOK 345] TO 74423 [DUN SO T 138] CKT 7
5251.8	79308	CHESTER 138	79321	SHOEM138 138	1	-0.04913	-229.9	304.4	OPEN 74001	[ROCK TAV 345] TO 75400 [COOPC345 345] CKT 2
									OPEN 74001	[ROCK TAV 345] TO 74347 [RAMAPO 345] CKT 1

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

TOTAL	LIMITING ELEMENT						DISTR.	PRE- RATING		CONTINGENCY DESCRIPTION			
TRANS	FROM	TO	CKT	FACTOR	MW	A/C	SHIFT	BAS/CNT					
CAPAB	FROM	TO	CKT	FACTOR	MW	A/C	SHIFT	BAS/CNT					
5258.4	74316 DUNWODIE	345 74650 REAC71	345 SR	0.21079	394.1	715.0			BASE CASE				
5258.4	74316 DUNWODIE	345 74651 REAC72	345 SR	0.21079	394.1	715.0			BASE CASE				
5258.4	74650 REAC71	345 74691 S. BRONX	345 3	0.21079	394.1	715.0			BASE CASE				
5258.4	74651 REAC72	345 74691 S. BRONX	345 4	0.21079	394.1	715.0			BASE CASE				
5264.5	74435 E179 ST	138 74497 HG 6	138 1	-0.30174	-18.9	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				
5283.3	79308 CHESTER	138 79321 SHOEM138	138 1	-0.04566	-233.8	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				
5301.1	*74435 E179 ST	138 74497 HG 6	138 1	-0.30036	-10.0	480.0			OPEN 74348 [SPRBROOK 345] TO 74351 [TREMONT 345] CKT 1				
5308.5	*79308 CHESTER	138 79321 SHOEM138	138 1	-0.04866	-227.9	304.4			OPEN 74001 [ROCK TAV 345] TO 74347 [RAMAPO 345] CKT 1				
5353.9	74384 ASTE-ERG	138 74495 HG 4	138 1	-0.15010	81.8	161.0			BASE CASE				
5418.2	74402 ASTE-WRG	138 74492 HG 1	138 1	-0.14998	91.3	161.0			BASE CASE				
5497.2	74348 SPRBROOK	345 74567 REACM51	345 SR	0.19962	422.5	774.0			BASE CASE				
5497.2	74348 SPRBROOK	345 74568 REACM52	345 SR	0.19962	422.5	774.0			BASE CASE				
5503.9	74354 W 49 ST	345 74568 REACM52	345 2	-0.19962	-421.1	774.0			BASE CASE				
5503.9	74354 W 49 ST	345 74567 REACM51	345 1	-0.19962	-421.1	774.0			BASE CASE				
5510.6	79304 N.M.TAP	345 79322 SHOEMTAP	138 1	0.06668	548.7	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				
5625.6	74001 ROCK TAV	345 74347 RAMAPO	345 1	0.30901	1585.2	2169.0			OPEN 74331 [FISHKILL 345] TO 74022 [E FISH I 115] CKT 1				
									OPEN 74331 [FISHKILL 345] TO 74002 [ROSETON 345] CKT 1				
5635.6	74001 ROCK TAV	345 74347 RAMAPO	345 1	0.30371	1592.1	2169.0			OPEN 74002 [ROSETON 345] TO 74331 [FISHKILL 345] CKT 1				
5714.6	79304 N.M.TAP	345 75400 COOPC345	345 1	-0.27948	-1240.1	1793.0			OPEN 74001 [ROCK TAV 345] TO 75400 [COOPC345 345] CKT 2				
									OPEN 75400 [COOPC345 345] TO 75440 [COOPC115 115] CKT 1				
5726.5	79304 N.M.TAP	345 75400 COOPC345	345 1	-0.27927	-1237.2	1793.0			OPEN 74001 [ROCK TAV 345] TO 75400 [COOPC345 345] CKT 2				
5766.2	74345 RAINEY	345 74612 8W DUM	138 8	0.30039	-296.8	313.0			OPEN 74530 [RAINEY8E 138] TO 74611 [8E DUM 138] CKT 1				
5766.8	74345 RAINEY	345 74612 8W DUM	138 8	0.30039	-297.0	313.0			OPEN 74530 [RAINEY8E 138] TO 74556 [VERNON-E 138] CKT 1				
5767.6	79308 CHESTER	138 79323 SGRLF138	138 1	0.04941	204.0	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				
5791.0	74345 RAINEY	345 74612 8W DUM	138 8	0.22376	-219.8	240.0			BASE CASE				
5816.5	74403 ASTORIAW	138 74496 HG 5	138 1	0.15341	160.9	480.0			OPEN 74403 [ASTORIAW 138] TO 74494 [HG 3 138] CKT 1				
5818.5	74403 ASTORIAW	138 74496 HG 5	138 1	0.15341	160.5	480.0			OPEN 74403 [ASTORIAW 138] TO 74493 [HG 2 138] CKT 1				
5830.9	74345 RAINEY	345 74612 8W DUM	138 8	0.30039	-316.2	313.0			OPEN 74345 [RAINEY 345] TO 74611 [8E DUM 138] CKT 8				
5834.9	79319 RAMP138	138 79361 TALLMAN	138 1	0.06116	176.0	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				
5849.6	79302 SMAHWAH1	345 5028 WALDWICK	345 1	0.04629	504.2	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				
5854.4	74345 RAINEY	345 74691 S. BRONX	345 3	-0.21076	-268.6	715.0			BASE CASE				
5854.4	74345 RAINEY	345 74691 S. BRONX	345 4	-0.21076	-268.6	715.0			BASE CASE				
5861.3	*74403 ASTORIAW	138 74496 HG 5	138 1	0.15306	154.7	480.0			OPEN 74348 [SPRBROOK 345] TO 74351 [TREMONT 345] CKT 1				
									OPEN 74348 [SPRBROOK 345] TO 74419 [DUN NO T 138] CKT 6				
5863.7	*74345 RAINEY	345 74612 8W DUM	138 8	0.22376	-163.0	313.0			OPEN 74612 [8W DUM 138] TO 74728 [RYYGT81113.8] 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	905.8
74331 FISHKILL	345 74342 PL VILLE	345 1	0.18770	829.6
74341 MILLWOOD	345 74318 E VIEW2	345 1	0.16988	875.1
74341 MILLWOOD	345 74319 E VIEW3	345 1	0.16059	832.3
74341 MILLWOOD	345 74320 E VIEW4	345 1	0.16059	832.3
74355 WOOD A	345 74343 PL VILLW	345 1	0.18836	770.9
4989 HUDSON1	345 74328 FARRGUT1	345 1	0.00000	400.4
5039 HUDSON2	345 74329 FARRGUT2	345 1	0.00000	400.4
4996 LINDEN	230 74371 GOETHALS	230 1	0.00000	200.4
73166 NORHR138	138 75053 NRHTPT P	138 1	0.00000	100.0
75078 SHMHVDCL	192 75062 SHOREHAM	138 1	0.00000	329.5
TOTALS FOR INTERFACE MILLSCLOSE			1.00000	6476.9

TOTAL TRANS CAPAB	LIMITING ELEMENT	DISTR. FACTOR	PRE-SHIFT MW	RATING BAS/CNT A/C	CONTINGENCY DESCRIPTION
3258.5	79319 RAMP138 138 79361 TALLMAN 138 1	0.02378	380.9	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
5104.1	74018 SUGARLF 115 74046 ROCK TV1 115 1	-0.02084	-246.6	218.0	OPEN 79304 [N.M.TAP 345] TO 79322 [SHOEMTAP 138] CKT 1
5104.1	74018 SUGARLF 115 74046 ROCK TV1 115 1	-0.02084	-246.6	218.0	OPEN 79321 [SHOEM138 138] TO 79322 [SHOEMTAP 138] CKT 1
5130.3	74018 SUGARLF 115 79359 SGRLF69 69.0 1	0.02084	246.1	218.0	OPEN 79304 [N.M.TAP 345] TO 79322 [SHOEMTAP 138] CKT 1
5130.3	74018 SUGARLF 115 79359 SGRLF69 69.0 1	0.02084	246.1	218.0	OPEN 79321 [SHOEM138 138] TO 79322 [SHOEMTAP 138] CKT 1
5266.9	79303 SMAHWAH2 345 5028 WALDWICK 345 1	0.04192	639.7	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
5687.2	74018 SUGARLF 115 74046 ROCK TV1 115 1	-0.02125	-234.8	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
5712.9	74018 SUGARLF 115 79359 SGRLF69 69.0 1	0.02125	234.2	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
5714.3	79313 MONSEY 138 79361 TALLMAN 138 1	-0.02378	-322.5	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
6782.3	74018 SUGARLF 115 74046 ROCK TV1 115 1	-0.02324	-210.9	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
6805.8	74018 SUGARLF 115 79359 SGRLF69 69.0 1	0.02324	210.4	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
6883.4	74403 ASTORIAW 138 74496 HG 5 138 1	0.15303	114.8	177.0	BASE CASE

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

TOTAL	LIMITING ELEMENT					DISTR.	PRE- RATING		CONTINGENCY DESCRIPTION			
TRANS	FROM	TO	CKT	FACTOR	MW	A/C	SHIFT	BAS/CNT				
CAPAB	FROM	TO	CKT	FACTOR	MW	A/C	SHIFT	BAS/CNT				
7992.4	79308 CHESTER	138 79321 SHOEM138	138 1	-0.04914	-229.9	304.4	OPEN	74001 [ROCK TAV 345]	TO	75400 [COOPC345 345]	CKT 2	
							OPEN	74001 [ROCK TAV 345]	TO	74347 [RAMAPO 345]	CKT 1	
7999.0	74316 DUNWODIE	345 74650 REAC71	345 SR	0.21079	394.1	715.0	BASE	CASE				
7999.0	74316 DUNWODIE	345 74651 REAC72	345 SR	0.21079	394.1	715.0	BASE	CASE				
7999.0	74650 REAC71	345 74691 S. BRONX	345 3	0.21079	394.1	715.0	BASE	CASE				
7999.0	74651 REAC72	345 74691 S. BRONX	345 4	0.21079	394.1	715.0	BASE	CASE				
8005.1	74435 E179 ST	138 74497 HG 6	138 1	-0.30175	-18.9	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	
8023.9	79308 CHESTER	138 79321 SHOEM138	138 1	-0.04567	-233.8	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	
8041.7	*74435 E179 ST	138 74497 HG 6	138 1	-0.30037	-10.0	480.0	OPEN	74348 [SPRBROOK 345]	TO	74351 [TREMONT 345]	CKT 1	
8049.1	*79308 CHESTER	138 79321 SHOEM138	138 1	-0.04866	-227.9	304.4	OPEN	74001 [ROCK TAV 345]	TO	74347 [RAMAPO 345]	CKT 1	
8094.5	74384 ASTE-ERG	138 74495 HG 4	138 1	-0.15011	81.8	161.0	BASE	CASE				
8158.8	74402 ASTE-WRG	138 74492 HG 1	138 1	-0.14999	91.3	161.0	BASE	CASE				
8237.8	74348 SPRBROOK	345 74567 REACM51	345 SR	0.19963	422.5	774.0	BASE	CASE				
8237.8	74348 SPRBROOK	345 74568 REACM52	345 SR	0.19963	422.5	774.0	BASE	CASE				
8244.5	74354 W 49 ST	345 74568 REACM52	345 2	-0.19963	-421.1	774.0	BASE	CASE				
8244.5	74354 W 49 ST	345 74567 REACM51	345 1	-0.19963	-421.1	774.0	BASE	CASE				
8251.2	79304 N.M.TAP	345 79322 SHOEMTAP	138 1	0.06669	548.7	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	
8366.2	74001 ROCK TAV	345 74347 RAMAPO	345 1	0.30902	1585.2	2169.0	OPEN	74331 [FISHKILL 345]	TO	74022 [E FISH I 115]	CKT 1	
							OPEN	74331 [FISHKILL 345]	TO	74002 [ROSETON 345]	CKT 1	
8376.2	74001 ROCK TAV	345 74347 RAMAPO	345 1	0.30372	1592.1	2169.0	OPEN	74002 [ROSETON 345]	TO	74331 [FISHKILL 345]	CKT 1	
8455.2	79304 N.M.TAP	345 75400 COOPC345	345 1	-0.27949	-1240.1	1793.0	OPEN	74001 [ROCK TAV 345]	TO	75400 [COOPC345 345]	CKT 2	
							OPEN	75400 [COOPC345 345]	TO	75440 [COOPC115 115]	CKT 1	
8467.1	79304 N.M.TAP	345 75400 COOPC345	345 1	-0.27927	-1237.2	1793.0	OPEN	74001 [ROCK TAV 345]	TO	75400 [COOPC345 345]	CKT 2	
8506.8	74345 RAINEY	345 74612 8W DUM	138 8	0.30040	-296.8	313.0	OPEN	74530 [RAINEY8E 138]	TO	74611 [8E DUM 138]	CKT 1	
8507.4	74345 RAINEY	345 74612 8W DUM	138 8	0.30040	-297.0	313.0	OPEN	74530 [RAINEY8E 138]	TO	74556 [VERNON-E 138]	CKT 1	
8508.2	79308 CHESTER	138 79323 SGRLF138	138 1	0.04941	204.0	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	
8531.6	74345 RAINEY	345 74612 8W DUM	138 8	0.22376	-219.8	240.0	BASE	CASE				
8557.1	74403 ASTORIAW	138 74496 HG 5	138 1	0.15342	160.9	480.0	OPEN	74403 [ASTORIAW 138]	TO	74494 [HG 3 138]	CKT 1	
8559.1	74403 ASTORIAW	138 74496 HG 5	138 1	0.15342	160.5	480.0	OPEN	74403 [ASTORIAW 138]	TO	74493 [HG 2 138]	CKT 1	
8571.5	74345 RAINEY	345 74612 8W DUM	138 8	0.30040	-316.2	313.0	OPEN	74345 [RAINEY 345]	TO	74611 [8E DUM 138]	CKT 8	
8575.5	79319 RAMP138	138 79361 TALLMAN	138 1	0.06116	176.0	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	
8590.2	79302 SMAHWAH1	345 5028 WALDWICK	345 1	0.04629	504.2	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	
8595.0	74345 RAINEY	345 74691 S. BRONX	345 3	-0.21077	-268.6	715.0	BASE	CASE				
8595.0	74345 RAINEY	345 74691 S. BRONX	345 4	-0.21077	-268.6	715.0	BASE	CASE				
8601.9	*74403 ASTORIAW	138 74496 HG 5	138 1	0.15307	154.7	480.0	OPEN	74348 [SPRBROOK 345]	TO	74351 [TREMONT 345]	CKT 1	
							OPEN	74348 [SPRBROOK 345]	TO	74419 [DUN NO T 138]	CKT 6	

CRPP SUM 2010 BASE CASE V6B
 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\contdsl.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	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	PRE-	POST-	LIMIT				
					TRANS	RATING	SHIFT	SHIFT	CASE	DISTR.		
					CAPAB	A	MW	MW	MW	FACTOR		
74650	REAC71	345	74691	S. BRONX	345	3	2068.5	715	394.1	628.6	715.0*	0.23447
74651	REAC72	345	74691	S. BRONX	345	4	2068.5	715	394.1	628.6	715.0*	0.23447
74316	DUNWODIE	345	74650	REAC71	345	SR	2068.5	715	394.1	628.6	715.0	0.23447
74316	DUNWODIE	345	74651	REAC72	345	SR	2068.5	715	394.1	628.6	715.0	0.23447
74316	DUNWODIE	345	75000	SHORE RD	345	1	2135.9	687	573.4	652.5	681.7	0.07913
74348	SPRBROOK	345	74567	REACM51	345	SR	2257.2	774	422.5	648.2	731.4	0.22575
74348	SPRBROOK	345	74568	REACM52	345	SR	2257.2	774	422.5	648.2	731.4	0.22575
74354	W 49 ST	345	74568	REACM52	345	2	2263.1	774	-421.1	-646.9	-730.1	-0.22575
74354	W 49 ST	345	74567	REACM51	345	1	2263.1	774	-421.1	-646.9	-730.1	-0.22575
74345	RAINEY	345	74691	S. BRONX	345	4	2604.2	715	-268.6	-503.0	-589.4	-0.23445
74345	RAINEY	345	74691	S. BRONX	345	3	2604.2	715	-268.6	-503.0	-589.4	-0.23445
	INTERFACE I TO J						2630.6	4026	2249.0	3169.5	3508.6	0.92045
	INTERFACE DUNW-SOUTH P						2661.2	5421	3460.7	4460.3	4828.6	0.99958
	INTERFACE DUNW-SOUTH O						2891.1	4554	2537.2	3457.7	3796.8	0.92045
74322	E15ST 45	345	74354	W 49 ST	345	1	5010.9	774	202.5	-24.1	-107.5	-0.22651
74323	E15ST 46	345	74354	W 49 ST	345	1	5025.7	774	198.5	-26.4	-109.2	-0.22481
74322	E15ST 45	345	74327	FARRAGUT	345	1	5653.3	599	-515.5	-290.5	-207.6	0.22501
74316	DUNWODIE	345	74342	PL VILLE	345	1	5683.9	1720	-786.7	-974.0	-1043.	-0.18727

CRPP SUM 2010 BASE CASE V6B
 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	0.07916	573.4
74348 SPRBROOK 345	74351 TREMONT 345	1	0.00000	359.9
74349 REACBUS 345	79607 DVNPT NK 345	1	0.00000	638.3
74420 DUN NO1R 138	74533 S CREEK 138	1	0.00000	64.5
74421 DUN NO2R 138	74533 S CREEK 138	1	0.00000	64.5
74424 DUN SO1R 138	74435 E179 ST 138	1	0.00000	129.6
74650 REAC71 345	74691 S. BRONX 345	3	0.23457	394.1
74651 REAC72 345	74691 S. BRONX 345	4	0.23457	394.1
74567 REACM51 345	74354 W 49 ST 345	1	0.22585	421.1
74568 REACM52 345	74354 W 49 ST 345	2	0.22585	421.1
TOTALS FOR INTERFACE DUNW-SOUTH P			1.00000	3460.7

TOTAL TRANS CAPAB	LIMITING ELEMENT	CKT	DISTR. FACTOR	PRE-SHIFT MW	RATING BAS/CNT	CONTINGENCY DESCRIPTION
4828.6	74651 REAC72 345 74691 S. BRONX 345 4	4	0.23457	394.1	715.0	BASE CASE
4828.6	74650 REAC71 345 74691 S. BRONX 345 3	3	0.23457	394.1	715.0	BASE CASE
4828.6	74316 DUNWODIE 345 74650 REAC71 345 SR	SR	0.23457	394.1	715.0	BASE CASE
4828.6	74316 DUNWODIE 345 74651 REAC72 345 SR	SR	0.23457	394.1	715.0	BASE CASE
4896.0	74316 DUNWODIE 345 75000 SHORE RD 345 1	1	0.07916	573.4	687.0	BASE CASE
5017.2	74348 SPRBROOK 345 74567 REACM51 345 SR	SR	0.22585	422.5	774.0	BASE CASE
5017.2	74348 SPRBROOK 345 74568 REACM52 345 SR	SR	0.22585	422.5	774.0	BASE CASE
5023.1	74354 W 49 ST 345 74567 REACM51 345 1	1	-0.22585	-421.1	774.0	BASE CASE
5023.1	74354 W 49 ST 345 74568 REACM52 345 2	2	-0.22585	-421.1	774.0	BASE CASE
5364.1	74345 RAINY 345 74691 S. BRONX 345 3	3	-0.23455	-268.6	715.0	BASE CASE
5364.1	74345 RAINY 345 74691 S. BRONX 345 4	4	-0.23455	-268.6	715.0	BASE CASE
5390.4	INTERFACE I TO J		0.92084	2249.0	4026.0	BASE CASE
5421.0	INTERFACE DUNW-SOUTH P		1.00000	3460.7	5421.0	BASE CASE
5622.8	74651 REAC72 345 74691 S. BRONX 345 4	4	0.27802	479.9	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
5622.8	74650 REAC71 345 74691 S. BRONX 345 3	3	0.27802	479.9	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
5622.8	74650 REAC71 345 74691 S. BRONX 345 3	3	0.27802	479.9	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
5622.8	74651 REAC72 345 74691 S. BRONX 345 4	4	0.27802	479.9	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
5622.9	74316 DUNWODIE 345 74651 REAC72 345 SR	SR	0.27801	479.9	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
5622.9	74316 DUNWODIE 345 74650 REAC71 345 SR	SR	0.27801	479.9	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

CRPP SUM 2010 BASE CASE V6B
2005 SUMMER PEAK, LEVEL 5 (04/01/05)

*** 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	359.9
74420 DUN NO1R 138	74533 S CREEK 138	1	0.00000	64.5
74421 DUN NO2R 138	74533 S CREEK 138	1	0.00000	64.5
74424 DUN SO1R 138	74435 E179 ST 138	1	0.00000	129.6
74650 REAC71 345	74691 S. BRONX 345	3	0.25474	394.1
74651 REAC72 345	74691 S. BRONX 345	4	0.25474	394.1
74567 REACM51 345	74354 W 49 ST 345	1	0.24526	421.1
74568 REACM52 345	74354 W 49 ST 345	2	0.24526	421.1
75047 L SUCSPH 138	74505 JAMAICA 138	1	0.00000	147.1
75067 V STRM P 138	74505 JAMAICA 138	1	0.00000	141.1
TOTALS FOR INTERFACE DUNW-SOUTH O			1.00000	2537.2

TOTAL TRANS CAPAB	LIMITING ELEMENT	CKT	DISTR. FACTOR	PRE-SHIFT MW	RATING BAS/CNT	CONTINGENCY DESCRIPTION
3796.8	74651 REAC72 345	74691 S. BRONX 345	4	0.25474	394.1	715.0 BASE CASE
3796.8	74650 REAC71 345	74691 S. BRONX 345	3	0.25474	394.1	715.0 BASE CASE
3796.8	74316 DUNWODIE 345	74650 REAC71 345	SR	0.25474	394.1	715.0 BASE CASE
3796.8	74316 DUNWODIE 345	74651 REAC72 345	SR	0.25474	394.1	715.0 BASE CASE
3858.8	74316 DUNWODIE 345	75000 SHORE RD 345	1	0.08597	573.4	687.0 BASE CASE
3970.5	74348 SPRBROOK 345	74567 REACM51 345	SR	0.24526	422.5	774.0 BASE CASE
3970.5	74348 SPRBROOK 345	74568 REACM52 345	SR	0.24526	422.5	774.0 BASE CASE
3976.0	74354 W 49 ST 345	74567 REACM51 345	1	-0.24526	-421.1	774.0 BASE CASE
3976.0	74354 W 49 ST 345	74568 REACM52 345	2	-0.24526	-421.1	774.0 BASE CASE
4289.9	74345 RAINY 345	74691 S. BRONX 345	3	-0.25472	-268.6	715.0 BASE CASE
4289.9	74345 RAINY 345	74691 S. BRONX 345	4	-0.25472	-268.6	715.0 BASE CASE
4314.2	INTERFACE I TO J			1.00000	2249.0	4026.0 BASE CASE
4342.3	INTERFACE DUNW-SOUTH P			1.08596	3460.7	5421.0 BASE CASE
4528.2	74651 REAC72 345	74691 S. BRONX 345	4	0.30192	479.9	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
4528.2	74650 REAC71 345	74691 S. BRONX 345	3	0.30192	479.9	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
4528.2	74650 REAC71 345	74691 S. BRONX 345	3	0.30192	479.9	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
4528.2	74651 REAC72 345	74691 S. BRONX 345	4	0.30192	479.9	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
4528.2	74316 DUNWODIE 345	74651 REAC72 345	SR	0.30191	479.9	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
4528.2	74316 DUNWODIE 345	74650 REAC71 345	SR	0.30191	479.9	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

CRPP SUM 2010 BASE CASE V6B
2005 SUMMER PEAK, LEVEL 5 (04/01/05)

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

-<- INTERFACE 'I TO J		' DEFINITION ->		PRE-	
FROM	TO	CKT	DISTR.	SHIFT	MW
74348	SPRBROOK 345 74351 TREMONT 345	1	0.00000	359.9	
74420	DUN NO1R 138 74533 S CREEK 138	1	0.00000	64.5	
74421	DUN NO2R 138 74533 S CREEK 138	1	0.00000	64.5	
74424	DUN SO1R 138 74435 E179 ST 138	1	0.00000	129.6	
74650	REAC71 345 74691 S. BRONX 345	3	0.25474	394.1	
74651	REAC72 345 74691 S. BRONX 345	4	0.25474	394.1	
74567	REACM51 345 74354 W 49 ST 345	1	0.24526	421.1	
74568	REACM52 345 74354 W 49 ST 345	2	0.24526	421.1	
TOTALS FOR INTERFACE I TO J			1.00000	2249.0	

TOTAL TRANS	LIMITING ELEMENT		CKT	DISTR.	PRE- RATING	CONTINGENCY DESCRIPTION	
CAPAB	FROM	TO		FACTOR	MW	A/C	
3508.6	74651 REAC72	345 74691 S. BRONX	345 4	0.25474	394.1	715.0	BASE CASE
3508.6	74650 REAC71	345 74691 S. BRONX	345 3	0.25474	394.1	715.0	BASE CASE
3508.6	74316 DUNWODIE	345 74650 REAC71	345 SR	0.25474	394.1	715.0	BASE CASE
3508.6	74316 DUNWODIE	345 74651 REAC72	345 SR	0.25474	394.1	715.0	BASE CASE
3570.7	74316 DUNWODIE	345 75000 SHORE RD	345 1	0.08597	573.4	687.0	BASE CASE
3682.3	74348 SPRBROOK	345 74567 REACM51	345 SR	0.24526	422.5	774.0	BASE CASE
3682.3	74348 SPRBROOK	345 74568 REACM52	345 SR	0.24526	422.5	774.0	BASE CASE
3687.8	74354 W 49 ST	345 74567 REACM51	345 1	-0.24526	-421.1	774.0	BASE CASE
3687.8	74354 W 49 ST	345 74568 REACM52	345 2	-0.24526	-421.1	774.0	BASE CASE
4001.7	74345 RAINEY	345 74691 S. BRONX	345 3	-0.25472	-268.6	715.0	BASE CASE
4001.7	74345 RAINEY	345 74691 S. BRONX	345 4	-0.25472	-268.6	715.0	BASE CASE
4026.0	INTERFACE I TO J			1.00000	2249.0	4026.0	BASE CASE
4054.1	INTERFACE DUNW-SOUTH P			1.08596	3460.7	5421.0	BASE CASE
4240.0	74651 REAC72	345 74691 S. BRONX	345 4	0.30192	479.9	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
4240.0	74650 REAC71	345 74691 S. BRONX	345 3	0.30192	479.9	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
4240.0	74650 REAC71	345 74691 S. BRONX	345 3	0.30192	479.9	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
4240.0	74651 REAC72	345 74691 S. BRONX	345 4	0.30192	479.9	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
4240.0	74316 DUNWODIE	345 74651 REAC72	345 SR	0.30191	479.9	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
4240.0	74316 DUNWODIE	345 74650 REAC71	345 SR	0.30191	479.9	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
4240.0	74316 DUNWODIE	345 74651 REAC72	345 SR	0.30191	479.9	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

CRPP SUM 2010 BASE CASE V6B
 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:	4334.6	1000.0	5334.6
OPPOSING SYSTEM MW GENERATION:	1386.0	-1000.0	386.0
STUDY SYSTEM NET INTERCHANGE:	4286.2	1000.0	5286.2

<----- STUDY SYSTEM ----->					<----- OPPOSING SYSTEM ----->				
<---- GENERATOR MW ---->					<---- GENERATOR MW ---->				
BUS	BUS NAME	BASE	SHIFT	CHANGE	BUS	BUS NAME	BASE	SHIFT	CHANGE
74190	ROSE GN124.0	820.8	997.3	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	161.8	220.6	58.8	74909	NRTPTG4 22.0	380.0	140.0	-240.0
74706	AST 5 20.0	361.0	478.6	117.6	79571	NYP108 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	<----- BASE CASE ----->						
FROM	TO	FROM	TO	FROM	TO	FROM	TO	FROM	TO	CKT	TOTAL	PRE-	POST-	LIMIT	DISTR.		
FROM	TO	FROM	TO	FROM	TO	FROM	TO	FROM	TO	CKT	CAPAB	RATING	SHIFT	SHIFT	CASE	FACTOR	
FROM	TO	FROM	TO	FROM	TO	FROM	TO	FROM	TO	CKT	A	MW	MW	MW			
75000	SHORE RD 345	74316	DUNWODIE 345	1	1	4399.9	687	-573.4	-1572.*	-687.0*	-0.99909						
74557	VERNON-W 138	74707	RAV 1 20.0	1	1	4933.7	259	-201.6	-290.2*	-211.7	-0.08863						
	INTERFACE LI IMPORT					5084.2	2746	1948.8	2947.9*	2062.4	0.99909						
74332	FR KILLS 345	74700	AK 3 22.0	1	1	5144.7	592	-491.0	-608.6*	-504.4	-0.11765						
74556	VERNON-E 138	74707	RAV 1 20.0	2	2	5147.0	259	-183.4	-271.2*	-193.4	-0.08784						
75030	GLNWD NO 138	75163	GLNWD NO69.0	1	1	5202.9	118	63.9	122.9*	70.6	0.05899						
75031	GLNWD SO 138	75164	GLNWD SO69.0	1	1	5203.6	118	72.6	122.1*	78.3	0.04945						
	INTERFACE CE/LI TIES					5264.8	1900	922.3	1921.4*	1036.0	0.99909						
74384	ASTE-ERG 138	74706	AST 5 20.0	2	2	5573.3	259	-183.3	-242.1	-190.0	-0.05883						
	INTERFACE LI EXPORT					5631.1	2366	-1022.	-2021.	-1136.	-0.99909						
74402	ASTE-WRG 138	74706	AST 5 20.0	1	1	5668.2	259	-177.7	-236.5	-184.4	-0.05882						
75046	L SUCS 138	75180	LKE SCSS69.0	1	1	5830.2	239	119.6	196.9	128.4	0.07735						
75046	L SUCS 138	75180	LKE SCSS69.0	2	2	6120.6	239	109.3	180.0	117.3	0.07073						
74324	E15ST 47 345	74632	E RIVER 69.0	17	17	6475.5	240	-111.2	-170.0	-117.9	-0.05882						
74384	ASTE-ERG 138	74705	AST 4 20.0	2	2	10234.0	259	-84.0	-113.5	-87.4	-0.02942						
75063	SYOSSET 138	75224	SYOSSET 69.0	1	1	10374.0	239	139.7	77.5	132.7	-0.06221						
74402	ASTE-WRG 138	74705	AST 4 20.0	1	1	10462.4	259	-77.4	-106.8	-80.7	-0.02941						
75073	NEWBRG-2 138	75192	NEWBRGE269.0	1	1	10584.0	120	64.8	35.4	61.4	-0.02934						
75039	ELWOOD 1 138	75156	ELWOOD 69.0	1	1	10613.2	114	105.4	70.8	101.5	-0.03468						
74691	S. BRONX 345	74650	REAC71 345	3	3	12319.3	715	-394.1	-256.1	-378.4	0.13807						
74691	S. BRONX 345	74651	REAC72 345	4	4	12319.3	715	-394.1	-256.1	-378.4	0.13807						
75042	GRENLAWN 138	75166	GRENLAWN69.0	1	1	12339.7	114	91.6	66.1	88.7	-0.02553						

CRPP SUM 2010 BASE CASE V6B
2005 SUMMER PEAK, LEVEL 5 (04/01/05)

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

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<- INTERFACE 'LI IMPORT' DEFINITION ->
          PRE-
          DISTR.  SHIFT
<----- FROM -----> <----- TO -----> CKT  FACTOR  MW
74316 DUNWODIE 345 75000 SHORE RD 345 1 1.00000 573.4
79607 DVNPT NK 345 75004 HMP HRBR 345 1 0.00000 637.1
74505 JAMAICA 138 75047 L SUCSPH 138 1 0.00000 -147.1
74505 JAMAICA 138 75067 V STRM P 138 1 0.00000 -141.1
73166 NORHR138 138 75053 NRTHPT P 138 1 0.00000 100.0
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 1948.8
    
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TOTAL
TRANS <----- LIMITING ELEMENT -----> DISTR.  PRE- RATING
CAPAB <----- FROM -----> <----- TO -----> CKT  FACTOR  MW  A/C  CONTINGENCY DESCRIPTION ----->
1804.4 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
1804.4 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
1954.5 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
1954.5 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
2062.4 75000 SHORE RD 345 74316 DUNWODIE 345 1 -1.00000 -573.4 687.0 BASE CASE
2557.5 75000 SHORE RD 345 74316 DUNWODIE 345 1 -1.00000 -903.2 1512.0 OPEN 79607 [DVNPT NK 345] TO 75004 [HMP HRBR 345] CKT 1
2595.7 74557 VERNON-W 138 74707 RAV 1 20.0 1 -0.08871 -201.6 259.0 BASE CASE
2746.0 INTERFACE LI IMPORT          1.00000 1948.8 2746.0 BASE CASE
2772.4 75000 SHORE RD 345 74316 DUNWODIE 345 1 -1.00000 -688.3 1512.0 OPEN 75038 [E.G.C. 138] TO 75002 [E.G.C.-1 345] CKT 1
2772.7 75000 SHORE RD 345 74316 DUNWODIE 345 1 -1.00000 -688.1 1512.0 OPEN 75074 [E.G.C.-2 138] TO 75003 [E.G.C.-2 345] CKT 1
2773.4 *75000 SHORE RD 345 74316 DUNWODIE 345 1 -0.99905 -688.2 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
2806.5 74332 FR KILLS 345 74700 AK 3 22.0 1 -0.11775 -491.0 592.0 BASE CASE
2808.8 74556 VERNON-E 138 74707 RAV 1 20.0 2 -0.08792 -183.4 259.0 BASE CASE
2864.7 75030 GLNWD NO 138 75163 GLNWD NO69.0 1 0.05905 63.9 118.0 BASE CASE
2865.4 75031 GLNWD SO 138 75164 GLNWD SO69.0 1 0.04950 72.6 118.0 BASE CASE
2926.5 INTERFACE CE/LI TIES          1.00000 922.3 1900.0 BASE CASE
2960.9 75030 GLNWD NO 138 75163 GLNWD NO69.0 1 0.09251 71.4 165.0 OPEN 75031 [GLNWD SO 138] TO 75041 [SHORE RD 138] CKT 1
3013.9 75031 GLNWD SO 138 75164 GLNWD SO69.0 1 0.08014 79.6 165.0 OPEN 75030 [GLNWD NO 138] TO 75041 [SHORE RD 138] CKT 1
3064.3 75004 HMP HRBR 345 75005 EGC DUM 345 1 0.45026 896.7 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
3067.8 75001 EGC PAR 345 75005 EGC DUM 345 1 -0.45026 -895.2 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
3081.6 75030 GLNWD NO 138 75163 GLNWD NO69.0 1 0.08209 72.0 165.0 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
3097.2 75004 HMP HRBR 345 75005 EGC DUM 345 1 0.45014 882.0 1399.0 OPEN 74316 [DUNWODIE 345] TO 75000 [SHORE RD 345] CKT 1
OPEN 74316 [DUNWODIE 345] TO 74422 [DUN SO 138] CKT 1
OPEN 74316 [DUNWODIE 345] TO 74343 [PL VILLW 345] CKT 1
3099.2 75004 HMP HRBR 345 75005 EGC DUM 345 1 0.45040 880.9 1399.0 OPEN 74316 [DUNWODIE 345] TO 75000 [SHORE RD 345] CKT 1
OPEN 74316 [DUNWODIE 345] TO 74418 [DUN NO 138] CKT 1
OPEN 74316 [DUNWODIE 345] TO 74342 [PL VILLE 345] CKT 1
3100.7 75001 EGC PAR 345 75005 EGC DUM 345 1 -0.45014 -880.5 1399.0 OPEN 74316 [DUNWODIE 345] TO 75000 [SHORE RD 345] CKT 1
OPEN 74316 [DUNWODIE 345] TO 74422 [DUN SO 138] CKT 1
OPEN 74316 [DUNWODIE 345] TO 74343 [PL VILLW 345] CKT 1
    
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