

zInterfDefV.txt

```
'DYSINGER-EAST' 1 5.7 4.7 1 /VARNAME=DYEOP,DYEQ
75404 79800 1 1 F/ KINTIGH TO ROCHESTER 345KV
75417 75414 1 1 F/ STOLLE 230 TO MEYER 230
76510 75994 1 1 F/ ANDOVER TO PALMT115 115KV OPERATED NORMALLY OPEN
76702 77101 1 1 F/ LOCKPORT TO SWDN113 115KV
76702 77115 1 1 F/ LOCKPORT TO NAKR108 115KV 108
76702 77117 1 1 F/ LOCKPORT TO OAKFLD 115KV 112
76702 77122 1 1 F/ LOCKPORT TO SOUR111 115KV
76702 77125 1 1 F/ LOCKPORT TO TELR107 115KV 107
76702 77126 1 1 F/ LOCKPORT TO TELR114 115KV
79584 79800 1 1 T/ NIAGRA TO ROCHESTER 345KV
'DYSINGER-EAST-(C)' 2 5.7 4.6 2 /VARNAME=DYECF,DYECQ
1 0 0 2 F/ DYSINGER EAST
2 74300 1 2 T/ BRANCHBG 500 RAMAPO 5 500
382 75413 1 2 T/ E.TOWNDA 230 HILSD230 230
383 75486 1 2 F/ E.SAYRE 115 N.WAV115 115
387 75457 1 2 T/ LAUREL L 115 GOUDY115 115
479 75407 1 2 F/ HOMER CY 345 WATRC345 345
4989 74328 1 2 T/ HUDSON-1 345 FARRGUT1 345
4996 74371 1 2 T/ LINDEN 9 230 GOETHALS 230
5028 79302 1 2 T/ WALDWICK 345 SMAHWAH1 345
5028 79303 1 2 T/ WALDWICK 345 SMAHWAH2 345
5039 74329 1 2 T/ HUDSON-2 345 FARRGUT2 345
81255 79589 1 2 T/ STLAWL34 230 MOSES E 230
81256 79589 1 2 T/ STLAWL33 230 MOSES E 230
9803 79311 1 2 F/ HCOR138 138 BURNS138 138 RECO TIE
9804 79302 1 2 F/ SMAH138 138 SMAHWAH1 345 RECO TIE
9804 79319 1 2 F/ SMAH138 138 RAMP138 138 RECO TIE
9806 79357 1 2 T/ CLOSTR6969.0 SPARKILL69.0 RECO TIE
9808 79362 1 2 T/ HCOR69 69.0 WNYA69 69.0 RECO TIE
9809 79327 1 2 T/ MONTVALE69.0 BLUHILL 69.0 RECO TIE
9809 79327 2 2 T/ MONTVALE69.0 BLUHILL 69.0 RECO TIE
9809 79400 1 2 F/ MONTVALE69.0 L491T 69.0 RECO TIE
9810 79340 1 2 F/ SMAH69 69.0 HILB69 69.0 RECO TIE
9811 79376 1 2 T/ HCOR34 34.5 PEARL34 34.5 RECO TIE
74959 74958 1 2 T/ NEPTCONV 345 NWBRG 345 NEPTUNE PJM-LI TIE
'WEST-CENTRAL' 3 7.10 4.70 1 /VARNAME=WCOP,WCOQ
75417 75414 1 3 F/ STOLE230 230 MEYER230 230
75901 75902 1 3 T/ BROWNS C 34.5 CLYDE34 (BROWNS_TIE) 34.5
76510 75994 1 3 F/ ANDOVER1 115 PALMT115 115 OPERATED NORMALLY OPEN
77111 77110 1 3 F/ MORTIMER 115 LAWLER-1 115
77111 77463 1 3 F/ MORTIMER 115 LAWLER-2 115
79801 77400 1 3 T/ PANNELL3 345 CLAY 345
79801 77400 2 3 T/ PANNELL3 345 CLAY 345
79804 75893 1 3 T/ S121 B#2 115 SLEIG115 115
79805 75893 1 3 F/ CLYDE199 115 SLEIG115 115
79805 77433 1 3 F/ CLYDE199 115 CLTNCORN 115
79810 75995 1 3 F/ STA 162 115 S.PER115 115
79825 77447 1 3 F/ PANNELLI 115 FRMGTN-4 115
79826 75892 1 3 F/ QUAKER 115 MACDN115 115
79826 75893 1 3 F/ QUAKER 115 SLEIG115 115
79874 77417 1 3 T/ STA127 34.5 HOOKRD 115
79875 77444 1 3 F/ FARMNGTN 34.5 FARMGTN1 115
79875 77447 1 3 F/ FARMNGTN 34.5 FRMGTN-4 115
79918 79805 1 3 F/ CLYDE34 34.5 CLYDE199 115
79922 75576 1 3 F/ C708 LB 34.5 WOLCOT34 34.5
```

79946 77447 1 3 F/ S168 12 FRMGTN-4 115
 'WEST-CENTRAL-(C)' 4 7.1 4.6 2/VARNAME=WCCP,WCCQ
 3 0 0 4 F/ WEST CENTRAL O
 2 74300 1 4 T/ BRANCHBG 500 RAMAPO 5 500
 382 75413 1 4 T/ E.TOWNDA 230 HILSD230 230
 383 75486 1 4 F/ E.SAYRE 115 N.WAV115 115
 387 75457 1 4 T/ LAUREL L 115 GOUDY115 115
 479 75407 1 4 F/ HOMER CY 345 WATRC345 345
 4989 74328 1 4 T/ HUDSON-1 345 FARRGUT1 345
 4996 74371 1 4 T/ LINDEN 9 230 GOETHALS 230
 5028 79302 1 4 T/ WALDWICK 345 SMAHWAH1 345
 5028 79303 1 4 T/ WALDWICK 345 SMAHWAH2 345
 5039 74329 1 4 T/ HUDSON-2 345 FARRGUT2 345
 81255 79589 1 4 T/ STLAWL34 230 MOSES E 230
 81256 79589 1 4 T/ STLAWL33 230 MOSES E 230
 9803 79311 1 4 F/ HCOR138 138 BURNS138 138 RECO TIE
 9804 79302 1 4 F/ SMAH138 138 SMAHWAH1 345 RECO TIE
 9804 79319 1 4 F/ SMAH138 138 RAMP138 138 RECO TIE
 9806 79357 1 4 T/ CLOSTR6969.0 SPARKILL69.0 RECO TIE
 9808 79362 1 4 T/ HCOR69 69.0 WNYA69 69.0 RECO TIE
 9809 79327 1 4 T/ MONTVALE69.0 BLUHILL 69.0 RECO TIE
 9809 79327 2 4 T/ MONTVALE69.0 BLUHILL 69.0 RECO TIE
 9809 79400 1 4 F/ MONTVALE69.0 L491T 69.0 RECO TIE
 9810 79340 1 4 F/ SMAH69 69.0 HILB69 69.0 RECO TIE
 9811 79376 1 4 T/ HCOR34 34.5 PEARL34 34.5 RECO TIE
 74959 74958 1 4 T/ NEPTCONV 345 NWBRG 345 NEPTUNE PJM-LI TIE
 'VOLNEY-EAST' 5 7.1 5.3 1/VARNAME=VEOP,VEOQ
 75405 75403 1 5 T/ OAKDL345 345 FRASR345 345
 75469 75467 1 5 T/ KATEL115 115 JENN 115 115
 75488 75444 1 5 F/ OAKDL115 115 DELHI115 115
 75513 75446 1 5 T/ WILET115 115 E.NOR115 115
 77400 78450 1 5 F/ CLAY 345 EDIC 345
 77400 78450 2 5 F/ CLAY 345 EDIC 345
 77406 79583 1 5 F/ VOLNEY 345 MARCY T1 345
 77466 78005 1 5 T/ LTHSE HL 115 BLACK RV 115
 77466 78018 1 5 T/ LTHSE HL 115 E WTRTWN 115
 77494 78483 1 5 F/ TEALL 115 ONEIDA 115
 77500 78483 1 5 F/ WHITMAN 115 ONEIDA 115
 78484 78483 1 5 F/ PETRBORO 115 ONEIDA 115
 79580 78450 1 5 T/ JA FITZP 345 EDIC 345
 77779 78610 1 5 T/ OMEGAWIR 34.5 CAMDEN 34.5
 'VOLNEY-EAST-(C)' 6 7.1 5.2 2/VARNAME=VECP,VECQ
 5 0 0 6 F/ VOLNEY EAST OP
 2 74300 1 6 T/ BRANCHBG 500 RAMAPO 5 500
 4989 74328 1 6 T/ HUDSON-1 345 FARRGUT1 345
 4996 74371 1 6 T/ LINDEN 9 230 GOETHALS 230
 5028 79302 1 6 T/ WALDWICK 345 SMAHWAH1 345
 5028 79303 1 6 T/ WALDWICK 345 SMAHWAH2 345
 5039 74329 1 6 T/ HUDSON-2 345 FARRGUT2 345
 81255 79589 1 6 T/ STLAWL34 230 MOSES E 230
 81256 79589 1 6 T/ STLAWL33 230 MOSES E 230
 9803 79311 1 6 F/ HCOR138 138 BURNS138 138 RECO TIE
 9804 79302 1 6 F/ SMAH138 138 SMAHWAH1 345 RECO TIE
 9804 79319 1 6 F/ SMAH138 138 RAMP138 138 RECO TIE
 9806 79357 1 6 T/ CLOSTR6969.0 SPARKILL69.0 RECO TIE
 9808 79362 1 6 T/ HCOR69 69.0 WNYA69 69.0 RECO TIE

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9809 79327 1 6 T/ MONTVALE69.0 BLUHILL 69.0 RECO TIE
9809 79327 2 6 T/ MONTVALE69.0 BLUHILL 69.0 RECO TIE
9809 79400 1 6 F/ MONTVALE69.0 L491T 69.0 RECO TIE
9810 79340 1 6 F/ SMAH69 69.0 HILB69 69.0 RECO TIE
9811 79376 1 6 T/ HCOR34 34.5 PEARL34 34.5 RECO TIE
74959 74958 1 6 T/ NEPTCONV 345 NWBRG 345 NEPTUNE PJM-LI TIE
'MOSES-SOUTH' 7 9.5 6.80 1 /VARNAME=MSP,MSQ
78000 78010 1 7 F/ ALCOA-NM 115 BRADY 115
78017 78002 1 7 F/ DENNISON 115 ANDRWS-4 115
78017 78032 1 7 F/ DENNISON 115 LWRNCE-B 115
79578 79577 1 7 F/ MASS 765 765 MARCY765 765
79590 79585 1 7 F/ MOSES W 230 ADRON B1 230
79590 79586 1 7 F/ MOSES W 230 ADRON B2 230
78001 78014 1 7 T/ ALLENS F 115 COLTON 115
'MOSES-SOUTH-(C)' 8 9.5 6.70 2 /VARNAME=MSCP,MSCQ
7 0 0 8 F/ ADD MOSES-SOUT
79589 81255 1 8 F/ MOSES E 230 STLAWL34 230
79589 81256 1 8 F/ MOSES E 230 STLAWL33 230
79602 70511 1 8 F/ PLAT T#3 115 GRAND IS 115
'CENTRAL-EAST' 9 9.8 4.7 1 /VARNAME=CEP,CEQ
75447 79136 1 9 T/ E.SPR115 115 INGHAM-E 115
78450 78702 1 9 T/ EDIC 345 N.SCOT77 345
78460 78980 1 9 T/ PORTER 2 230 ROTRDM.2 230
78460 78980 2 9 T/ PORTER 2 230 ROTRDM.2 230
78478 79136 1 9 T/ INGMS-CD 115 INGHAM-E 115
78478 78552 1 9 F/ INGMS-CD 115 INGHAMS 46.0
79583 78703 1 9 T/ MARCY T1 345 N.SCOT99 345
79602 70511 1 9 F/ PLAT T#3 115 GRAND IS 115
'TOTAL-EAST' 10 8.7 4.7 1 /VARNAME=TEP,TEQ
9 0 0 10 F/ ADD CENTRAL EAST
2 74300 1 10 T/ BRANCHBG 500 RAMAPO 5 500
4989 74328 1 10 T/ HUDSON-1 345 FARRGUT1 345
4996 74371 1 10 T/ LINDEN 9 230 GOETHALS 230
5028 79302 1 10 T/ WALDWICK 345 SMAHWAH1 345
5028 79303 1 10 T/ WALDWICK 345 SMAHWAH2 345
5039 74329 1 10 T/ HUDSON-2 345 FARRGUT2 345
75400 74001 2 10 T/ COOPC345 345 ROCKTAV 345 REPLACED BY CALPINE WAWAYANDA
75400 79304 1 10 T/ COOPC345 345 SHOEMTAP 345
75403 79581 1 10 F/ FRASR345 345 GILB 345 345
75512 76210 1 10 F/ W.WDB115 115 W.WDBR69 69.0
9803 79311 1 10 F/ HCOR138 138 BURNS138 138 RECO TIE
9804 79302 1 10 F/ SMAH138 138 SMAHWAH1 345 RECO TIE
9804 79319 1 10 F/ SMAH138 138 RAMP138 138 RECO TIE
9806 79357 1 10 T/ CLOSTR6969.0 SPARKILL69.0 RECO TIE
9808 79362 1 10 T/ HCOR69 69.0 WNYA69 69.0 RECO TIE
9809 79327 1 10 T/ MONTVALE69.0 BLUHILL 69.0 RECO TIE
9809 79327 2 10 T/ MONTVALE69.0 BLUHILL 69.0 RECO TIE
9809 79400 1 10 F/ MONTVALE69.0 L491T 69.0 RECO TIE
9810 79340 1 10 F/ SMAH69 69.0 HILB69 69.0 RECO TIE
9811 79376 1 10 T/ HCOR34 34.5 PEARL34 34.5 RECO TIE
74959 74958 1 10 T/ NEPTCONV 345 NWBRG 345 NEPTUNE PJM-LI TIE
'UPNY-SENY' 11 9.9 4.0 1 /VARNAME=USOP,USOQ
2 74300 1 11 T/ BRANCHBG 500 RAMAPO 5 500
73117 74344 1 11 T/ LONGMTN 345 PLTVLLEY 345
75400 74001 2 11 T/ COOPC345 345 ROCKTAV 345 REPLACED BY CALPINE WAWAYANDA
75400 79304 1 11 T/ COOPC345 345 SHOEMTAP 345

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75512 76210 1 11 F/ W.WDB115 115 W.WDBR69 69
78701 74000 1 11 F/ LEEDS 3 345 HURLEY 3 345
78701 74344 2 11 F/ LEEDS 3 345 PLTVLLEY 345
78705 74344 1 11 F/ ATHENS 345 PLTVLLEY 345
78730 74043 1 11 F/ ADM 115 PL.VAL 1 115
78739 74043 1 11 F/ BL STR 115 PL.VAL 1 115
78742 74043 1 11 F/ BLUES-8 115 PL.VAL 1 115
78757 74040 1 11 F/ AIRCO-2T 115 N.CAT.1 115 REPLACES JMC-PH2B N.CAT IN 1994
78757 74040 2 11 F/ AIRCO-2T 115 N.CAT.1 115 REPLACES JMC-PH2B N.CAT IN 1994
73337 74127 1 11 F/ SALISBRY69.0 SMITHFLD 69 NORMALLY OPEN
'UPNY-SENY-(C)' 12 9.9 3.9 2 / VARNAME=USCP,OSCQ
11 0 0 12 F/ ADD UPNY-SENY
4989 74328 1 12 T/ HUDSON-1 345 FARRGUT1 345
4996 74371 1 12 T/ LINDEN 9 230 GOETHALS 230
5028 79302 1 12 T/ WALDWICK 345 SMAHWAH1 345
5028 79303 1 12 T/ WALDWICK 345 SMAHWAH2 345
5039 74329 1 12 T/ HUDSON-2 345 FARRGUT2 345
73166 75053 1 12 F/ NOR HBR 138 NRTHTPT P 138
75078 75062 1 12 T/ SHMHVDCL 192 SHOREHAM 138
9803 79311 1 12 F/ HCOR138 138 BURNS138 138 RECO TIE
9804 79302 1 12 F/ SMAH138 138 SMAHWAH1 345 RECO TIE
9804 79319 1 12 F/ SMAH138 138 RAMP138 138 RECO TIE
9806 79357 1 12 T/ CLOSTR6969.0 SPARKILL69.0 RECO TIE
9808 79362 1 12 T/ HCOR69 69.0 WNYA69 69.0 RECO TIE
9809 79327 1 12 T/ MONTVALE69.0 BLUHILL 69.0 RECO TIE
9809 79327 2 12 T/ MONTVALE69.0 BLUHILL 69.0 RECO TIE
9809 79400 1 12 F/ MONTVALE69.0 L491T 69.0 RECO TIE
9810 79340 1 12 F/ SMAH69 69.0 HILB69 69.0 RECO TIE
9811 79376 1 12 T/ HCOR34 34.5 PEARL34 34.5 RECO TIE
74959 74958 1 12 T/ NEPTCONV 345 NWBRG 345 NEPTUNE PJM-LI TIE
'UPNY-CONED' 13 9.9 3.2 1 / VARNAME=UCOP,UCOQ
74002 74331 1 13 T/ ROSETON 345 FISHKILL 345
74022 74331 1 13 T/ E FISH I 115 FISHKILL 345
74026 75762 1 13 F/ FISHKILL 115 SYLVN115 115
74340 74313 1 13 T/ LADENTWN 345 BUCH S 345
74344 74331 1 13 F/ PLTVLLEY 345 FISHKILL 345
74344 74331 2 13 F/ PLTVLLEY 345 FISHKILL 345
74344 74341 1 13 F/ PLTVLLEY 345 MILLWOOD 345
74344 74356 1 13 F/ PLTVLLEY 345 WOOD B 345
74347 74312 1 13 F/ RAMAPO 345 BUCH N 345
'UPNY-CONED-(C)' 14 9.9 3.1 2 / VARNAME=UCCP,UCCQ
13 0 0 14 F/ ADD UPNY-CONED
4989 74328 1 14 T/ HUDSON-1 345 FARRGUT1 345
4996 74371 1 14 T/ LINDEN 9 230 GOETHALS 230
5039 74329 1 14 T/ HUDSON-2 345 FARRGUT2 345
73166 75053 1 14 F/ NOR HBR 138 NRTHTPT P 138
75078 75062 1 14 T/ SHMHVDCL 192 SHOREHAM 138
74959 74958 1 14 T/ NEPTCONV 345 NWBRG 345 NEPTUNE PJM-LI TIE
'MILLWOOD-SOUTH' 15 10.1 2.65 1 / VARNAME=MILLSTHP,MILLSTHQ
4989 74328 1 15 T/ HUDSON-1 345 FARRGUT1 345
4996 74371 1 15 T/ LINDEN 9 230 GOETHALS 230
5039 74329 1 15 T/ HUDSON-2 345 FARRGUT2 345
73166 75053 1 15 F/ NOR HBR 138 NRTHTPT P 138
75078 75062 1 15 T/ SHMHVDCL 192 SHOREHAM 138
74312 74317 1 15 T/ BUCH N 345 E VIEW1 345
74331 74342 1 15 T/ FISHKILL 345 PL VILLE 345

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74341 74318 1 15 T/ MILLWOOD 345 E VIEW2 345
74341 74319 1 15 T/ MILLWOOD 345 E VIEW3 345
74341 74320 1 15 T/ MILLWOOD 345 E VIEW4 345
74355 74343 1 15 T/ WOOD A 345 PL VILLW 345
'LIPA-IMPORT' 16 12.8 .7 1 / VARNAME=LIMPTP,LIMPTQ
73166 75053 1 16 F/ NOR HBR 138 NRTHTPT P 138
74316 75000 1 16 T/ DUNWODIE 345 SHORE RD 345
74349 79607 1 16 T/ REACBUS 345 DVNPT NK 345
74505 75047 1 16 F/ JAMAICA 138 L SUCSPH 138
74505 75067 1 16 F/ JAMAICA 138 V STRM P 138
75078 75062 1 16 T/ SHMHVDCL 192 SHOREHAM 138
74959 74958 1 16 T/ NEPTCONV 345 NWBRG 345 NEPTUNE PJM-LI TIE
'DUNWOODIE-SOUTH' 17 10.54 1.7 1 / VARNAME=DSOP,DSOQ
74348 74351 1 17 F/ SPRBROOK 345 TREMONT 345
74348 74897 1 17 F/ SPRBROOK 345 SHCRK 345 M29 PROJ
74420 74533 1 17 F/ DUN NO1R 138 S CREEK 138
74421 74533 1 17 F/ DUN NO2R 138 S CREEK 138
74424 74435 1 17 F/ DUN SO1R 138 E179 ST 138
74567 74354 1 17 F/ REACM51 345 W 49 ST 345
74568 74354 2 17 F/ REACM52 345 W 49 ST 345
74650 74691 3 17 F/ REAC71 345 S. BRONX 345 MOTT-HAVEN
74651 74691 4 17 F/ REAC72 345 S. BRONX 345 MOTT-HAVEN
74650 74345 3 17 F/ REAC71 345 RAINEY 345 REPLACED BY MOTT
74651 74345 4 17 F/ REAC72 345 RAINEY 345 REPLACED BY MOTT
74316 75000 1 17 T/ DUNWODIE 345 SHORE RD 345
74349 79607 1 17 T/ REACBUS 345 DVNPT NK 345
'DUNWOODIE-SOUTH-(C)' 18 10.54 1.6 2 / VARNAME=DSCP,DSCQ
17 0 0 18 F/ ADD DUNWOODIE-SOUTH
4989 74328 1 18 T/ HUDSON-1 345 FARRGUT1 345
4996 74371 1 18 T/ LINDEN 9 230 GOETHALS 230
5039 74329 1 18 T/ HUDSON-2 345 FARRGUT2 345
75078 75062 1 18 T/ SHMHVDCL 192 SHOREHAM 138
73166 75053 1 18 F/ NOR HBR 138 NRTHTPT P 138
74959 74958 1 18 T/ NEPTCONV 345 NWBRG 345 NEPTUNE PJM-LI TIE
'CONED-CABLE-INT-(C)' 19 / VARNAME=CECBOP,CECBOQ
74348 74897 1 19 F/ SPRBROOK 345 SHCRK 345 M29 PROJ
74650 74691 3 19 F/ REAC71 345 S. BRONX 345 MOTT-HAVEN
74651 74691 4 19 F/ REAC72 345 S. BRONX 345 MOTT-HAVEN
4989 74328 1 19 T/ HUDSON-1 345 FARRGUT1 345
4996 74371 1 19 T/ LINDEN 9 230 GOETHALS 230
5039 74329 1 19 T/ HUDSON-2 345 FARRGUT2 345
74348 74351 1 19 F/ SPRBROOK 345 TREMONT 345
74420 74533 1 19 F/ DUN NO1R 138 S CREEK 138
74421 74533 1 19 F/ DUN NO2R 138 S CREEK 138
74424 74435 1 19 F/ DUN SO1R 138 E179 ST 138
75047 74505 1 19 T/ L SUCSPH 138 JAMAICA 138
75067 74505 1 19 T/ V STRM P 138 JAMAICA 138
74650 74345 3 19 F/ REAC71 345 RAINEY 345 REPLACED BY MOTT
74651 74345 4 19 F/ REAC72 345 RAINEY 345 REPLACED BY MOTT
74567 74354 1 19 F/ REACM51 345 W 49 ST 345
74568 74354 2 19 F/ REACM52 345 W 49 ST 345
'A-B-C-J-K-PAR-IMBALANCE' 20 / VARNAME=PSCEP,PSCEQ
4989 74328 1 20 T/ HUDSON-1 345 FARRGUT1 345
4996 74371 1 20 T/ LINDEN 9 230 GOETHALS 230
5039 74329 1 20 T/ HUDSON-2 345 FARRGUT2 345
5028 79302 1 20 T/ WALDWICK 345 SMAHWAH1 345

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5028 79303 1 20 T/ WALDWICK 345 SMAHWAH2 345
'SENY-115kV' 21 / VARNAME=NIAGOHP,NIAGOHQ
75512 76210 1 21 F/ W.WDB115 115 W.WDBR69 69
78730 74043 1 21 F/ ADM 115 PL.VAL 1 115
78739 74043 1 21 F/ BL STR 115 PL.VAL 1 115
78742 74043 1 21 F/ BLUES-8 115 PL.VAL 1 115
78757 74040 1 21 F/ AIRCO-2T 115 N.CAT. 1 115 REPLACES JMC-PH2B N.CAT IN 1994
78757 74040 2 21 F/ AIRCO-2T 115 N.CAT. 1 115 REPLACES JMC-PH2B N.CAT IN 1994
73337 74127 1 21 F/ SALISBRY69.0 SMITHFLD 69 NORMALLY OPEN
'SENY F To G' 22 / VARNAME=CEDIMPP,CEDIMPQ
78701 74000 1 22 F/ LEEDS 3 345 HURLEY 3 345
78701 74344 2 22 F/ LEEDS 3 345 PLTVLLEY 345
78705 74344 1 22 F/ ATHENS 345 PLTVLLEY 345
78730 74043 1 22 F/ ADM 115 PL.VAL 1 115
78739 74043 1 22 F/ BL STR 115 PL.VAL 1 115
78742 74043 1 22 F/ BLUES-8 115 PL.VAL 1 115
78757 74040 1 22 F/ AIRCO-2T 115 N.CAT. 1 115 REPLACES JMC-PH2B N.CAT IN 1994
78757 74040 2 22 F/ AIRCO-2T 115 N.CAT. 1 115 REPLACES JMC-PH2B N.CAT IN 1994
73337 74127 1 22 F/ SALISBRY69.0 SMITHFLD 69 NORMALLY OPEN
'PJM-NY' 23 7.2 2.15 1 / VARNAME=PJNYQ,PJNYQ
2 74300 1 23 T/ BRANCHBG 500 RAMAPO 5 500
281 76527 1 23 F/ WARREN 115 FALCONER 115
382 75413 1 23 T/ E.TOWNDA 230 HILSD230 230
383 75486 1 23 F/ E.SAYRE 115 N.WAV115 115
361 76501 1 23 F/ ERIE SO. 230 S RIPLEY 230
479 75406 1 23 F/ HOMER CY 345 STOLE345 345
479 75407 1 23 F/ HOMER CY 345 WATRC345 345
387 75457 1 23 T/ LAUREL L 115 GOUDY115 115
4989 74328 1 23 T/ HUDSON-1 345 FARRGUT1 345
4996 74371 1 23 T/ LINDEN 9 230 GOETHALS 230
5028 79302 1 23 T/ WALDWICK 345 SMAHWAH1 345
5028 79303 1 23 T/ WALDWICK 345 SMAHWAH2 345
5039 74329 1 23 T/ HUDSON-2 345 FARRGUT2 345
9803 79311 1 23 F/ HCOR138 138 BURNS138 138 RECO TIE
9804 79302 1 23 F/ SMAH138 138 SMAHWAH1 345 RECO TIE
9804 79319 1 23 F/ SMAH138 138 RAMP138 138 RECO TIE
9806 79357 1 23 T/ CLOSTR6969.0 SPARKILL69.0 RECO TIE
9808 79362 1 23 T/ HCOR69 69.0 WNYA69 69.0 RECO TIE
9809 79327 1 23 T/ MONTVALE69.0 BLUHILL 69.0 RECO TIE
9809 79327 2 23 T/ MONTVALE69.0 BLUHILL 69.0 RECO TIE
9809 79400 1 23 F/ MONTVALE69.0 L491T 69.0 RECO TIE
9810 79340 1 23 F/ SMAH69 69.0 HILB69 69.0 RECO TIE
9811 79376 1 23 T/ HCOR34 34.5 PEARL34 34.5 RECO TIE
74959 74958 1 23 T/ NEPTCONV 345 NWBRG 345 NEPTUNE PJM-LI TIE
'NE-NY' 24 12.4 5.85 1 / VARNAME=NENYP,NENYQ
70511 79602 1 24 T/ GRAND IS 115 PLAT T#3 115 1
70522 79135 1 24 T/ BNNINGTN 115 HOOSICK 115 1
70525 79167 1 24 T/ BLISSVIL 115 WHITEHAL 115 1 REPLACED BY BLIS PAR
70649 79167 1 24 T/ BLIS PAR 115 WHITEHAL 115 1 BLISSVILLE PAR
72385 78980 1 24 F/ BRSWAMP 230 ROTRDM.2 230 1
72928 78700 1 24 T/ MANY393 345 ALPS345 345 1
73117 74344 1 24 T/ CTNY398 345 PLTVLLEY 345 1
73166 75053 1 24 F/ NORHR138 138 NRTHPT P 138 1
73337 74127 1 24 F/ SALISBRY69.0 SMITHFLD69.0 1 NORMALLY OPEN
75078 75062 1 24 T/ SHMHVDCL 192 SHOREHAM 138 1
'ON-NY' 25 2.7 5.9 1 / VARNAME=OHNYQ,OHNYQ

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81255 79589 1 25 T/ STLAWL34 230 MOSES E 230
81256 79589 1 25 T/ STLAWL33 230 MOSES E 230
81508 79584 1 25 T/ BECK B 345 NIAG 345 345
81509 79584 1 25 T/ BECK A 345 NIAG 345 345
81515 76665 1 25 F/ BP76 REG 230 PACKARD2 230
81516 79592 1 25 T/ PA27 REG 230 NIAGAR2W 230
'ONTARIO-MICHIGAN' 26 1.0 5.7 1 /VARNAME=OHMICHP,OHMICHQ
82590 28883 1 26 F/ 82590* J5D PS 230 28883 19WTRMN 230 1
82602 29027 1 26 F/ 82602* LAMB L51 220 29028 19STCPP 220 1
82645 29003 1 26 T/ 82645 SCOTT 220 29003* 19B3N PS 220 1
82695 28849 1 26 T/ 82695 LAMB L4D 345 28849* 19STCPP 345 1
'SPRDWRReactorFlow' 27 /VARNAME=C345P,C345Q
74316 74650 SR 27 F/ Dun REAC71 345
74316 74651 SR 27 F/ Dun REAC72 345
74348 74567 SR 27 F/ SPRBROOK 345 REACM51 345
74348 74568 SR 27 F/ SPRBROOK 345 REACM52 345
'CONED-138' 28 /VARNAME=C138P,C138Q
74348 74897 1 28 F/ SPRBROOK 345 SHCRK 345 M29 PROJ
74348 74351 1 28 F/ SPRBROOK 345 TREMONT 345
74420 74533 1 28 F/ DUN NO1R 138 S CREEK 138
74421 74533 1 28 F/ DUN NO2R 138 S CREEK 138
74424 74435 1 28 F/ DUN SO1R 138 E179 ST 138
'Y49-Y50' 29 /VARNAME=Y4950P,Y4950Q
74316 75000 1 29 T/ DUNWODIE 345 SHORE RD 345
74349 79607 1 29 T/ REACBUS 345 DVNPT NK 345
'138-POCKET' 30 /VARNAME=P138P,P138Q
28 0 0 30 F/ ADD CONED-138
74502 74505 1 30 T/ HUDAVE E 138 JAMAICA 138* 1
74502 74505 2 30 T/ HUDAVE E 138 JAMAICA 138* 2
74468 74570 1 30 T/ FR-KILLS 138 WILOWBK1 138* 1
74468 74571 1 30 T/ FR-KILLS 138 WILOWBK2 138* 1
74336 74477 1 30 T/ GOWANUSN 345 GOWNUS1T 138* 1
74337 74479 1 30 T/ GOWANUSS 345 GOWNUS2T 138* 1
74345 74611 8 30 T/ RAINEY 345 8E DUM 138* 8
74345 74612 8 30 T/ RAINEY 345 8W DUM 138* 8
75047 74505 1 30 T/ L SUCSPH 138 JAMAICA 138
75067 74505 1 30 T/ V STRM P 138 JAMAICA 138
'AST-POCKET' 31 /VARNAME=ASTPP,ASTPQ
28 0 0 31 F/ ADD CONED-138
74502 74505 1 31 T/ HUDAVE E 138 JAMAICA 138* 1
74502 74505 2 31 T/ HUDAVE E 138 JAMAICA 138* 2
74556 74525 2 31 F/ VERNON-E 138* QUENBRDG 138
74557 74525 1 31 F/ VERNON-W 138* QUENBRDG 138
'GRNWD-POCKET' 32 /VARNAME=GRNWDP,GRNWDQ
74468 74570 1 32 T/ FR-KILLS 138 WILOWBK1 138* 1
74468 74571 1 32 T/ FR-KILLS 138 WILOWBK2 138* 1
74336 74477 1 32 T/ GOWANUSN 345 GOWNUS1T 138* 1
74337 74479 1 32 T/ GOWANUSS 345 GOWNUS2T 138* 1
74504 74484 1 32 F/ KENTTAP 138* GRENEWOOD 138
74556 74484 1 32 F/ VERNON-E 138* GRENEWOOD 138
'STAT-POCKET' 33 /VARNAME=STATP,STATQ
74332 74469 1 33 T/ Freshkills 345kV Freshkills PS 2 138kV
74332 74470 1 33 T/ Freshkills 345kV Freshkills PS 1 138kV
74484 74466 1 33 F/ Greenwood 138kV Foxhills 1 138kV
74484 74467 1 33 F/ Greenwood 138kV Foxhills 2 138kV
'E13-POCKET' 34 /VARNAME=E13P,E13Q

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74322 74434 15 34 T / E15ST 45 345 E13 ST 138
74322 74545 14 34 F / E15ST 45 345 T14MPT 138
74323 74434 12 34 T / E15ST 46 345 E13 ST 138
74323 74547 13 34 F / E15ST 46 345 T13MPT 138
74324 74434 16 34 T / E15ST 47 345 E13 ST 138
74324 74632 17 34 T / E15ST 47 345 E RIVER 69.0
74325 74434 10 34 T / E15ST 48 345 E13 ST 138
74325 74549 11 34 F / E15ST 48 345 T11MPT 138
'W49-POCKET' 35 / VARNAME=W49P,W49Q
74327 74322 1 35 F / FARRAGUT 345* E15ST 45 345
74327 74323 1 35 F / FARRAGUT 345* E15ST 46 345
74327 74324 1 35 F / FARRAGUT 345* E15ST 47 345
74327 74325 1 35 F / FARRAGUT 345* E15ST 48 345
74348 74567 BY 35 T / SPRBROOK 345 REACM51 345*
74348 74567 SR 35 T / SPRBROOK 345 REACM51 345*
74348 74568 BY 35 T / SPRBROOK 345 REACM52 345*
74348 74568 SR 35 T / SPRBROOK 345 REACM52 345*
'EVIEW-POCKET' 36 / VARNAME=EVIEWP,EVIEWQ
74317 74428 1 36 T / Eastview 1 345 Eastview 138 kV
74318 74428 1 36 T / Eastview 2 345 Eastview 138 kV
74319 74428 1 36 T / Eastview 3 345 Eastview 138 kV
74320 74428 1 36 T / Eastview 4 345 Eastview 138 kV
'DUNSO-POCKET' 37 / VARNAME=DUNSP,DUNSQ
74348 74423 7 37 T / Sprain Brook 345kV Dunwoodie South T 138kV
74435 74424 1 37 T / East 179th St. 138kV Dunwoodie So. #1 138kV
74418 74422 1 37 T / Dunwoodie North 138kV Dunwoodie South 138kV
74316 74422 1 37 T / Dunwoodie 345 kV Dunwoodie South 138 kV
'DUNNO-POCKET' 38 / VARNAME=DUNNP,DUNNQ
74348 74419 6 38 T / Sprain Brook 345kV Dunwoodie North T 138kV
74533 74420 1 38 F / Sherman Creek 138kV Dunwoodie No. #1 138kV
74533 74421 1 38 F / Sherman Creek 138kV Dunwoodie No. #2 138kV
74422 74418 1 38 F / Dunwoodie South 138kV Dunwoodie North 138kV
74316 74418 1 38 T / Dunwoodie 345 kV Dunwoodie North 138 kV
'ON-MAN-MIN' 39 1.3 8.1 1 / VARNAME=ONMP,ONMQ
82260 67556 1 39 F / 82260* KENORA 220 67556 WHTSL1 4 220 1
82260 67589 1 39 F / 82260* KENORA 220 67589 WHTSL2 4 220 1
82365 61784 1 39 T / 82452 ONT-MINN 118 61784* INTPHAS7 118 1
'UPNY-SENY-(M)' 40 9.9 4.0 1 / VARNAME=USMOP,USMOQ
73117 74344 1 40 T / LONGMTN 345 PLTVLLEY 345
75400 74001 2 40 T / COOPC345 345 ROCKTAV 345 REPLACED BY CALPINE WAWAYANDA
75400 79304 1 40 T / COOPC345 345 SHOEMTAP 345
75512 76210 1 40 F / W.WDB115 115 W.WDBR69 69
78701 74000 1 40 F / LEEDS 3 345 HURLEY 3 345
78701 74344 2 40 F / LEEDS 3 345 PLTVLLEY 345
78705 74344 1 40 F / ATHENS 345 PLTVLLEY 345
78730 74043 1 40 F / ADM 115 PL.VAL 1 115
78739 74043 1 40 F / BL STR 115 PL.VAL 1 115
78742 74043 1 40 F / BLUES-8 115 PL.VAL 1 115
78757 74040 1 40 F / AIRCO-2T 115 N.CAT. 1 115 REPLACES JMC-PH2B N.CAT IN 1994
78757 74040 2 40 F / AIRCO-2T 115 N.CAT. 1 115 REPLACES JMC-PH2B N.CAT IN 1994
73337 74127 1 40 F / SALISBRY69.0 SMITHFLD 69 NORMALLY OPEN
'EAST OF HOLBROOK' 41 / VARNAME=EOHP,EOHQ
75044 75080 1 41 T / 138-882 HOLBROOK-RULAND RD
75065 75056 1 41 F / 138-881 HOLTSVILLE-PILGRIM
75044 75059 1 41 T / 138-875 HOLBROOK-RONKONKAMA
75208 75225 1 41 T / 69-877 PORT JEFFERSON-STONY BROOK

75173 75194 1 41 T / 69-673 HOLBROOK-NESCONSET
 75173 75218 1 41 T / 69-775 HOLBROOK-SAYVILLE REPLACED BY 69-775 HOLBROOK-CONETQUT
 75173 75104 1 41 T / 69-775 HOLBROOK-CONETQUT THIS IS A TAP BETWEEN 69-775
 HOLBROOK-SAYVILLE
 75127 75184 1 41 F / 69-859 HOLBROOK-MCARTHUR
 75172 75206 1 41 T / 69-841 HOLTSVILLE-PATCHOGUE
 'NEWBRIDGE EAST' 42 / VARNAME=NBEP,NBEQ
 75071 75073 1 42 F / 138-461 FREEPORT-NEWBRIDGE
 75038 75050 1 42 T / 138-462 E.G.C.-NEWBRIDGE
 75074 75050 2 42 F / 138-463 E.G.C.-NEWBRIDGE
 75038 75050 3 42 T / 138-465 E.G.C.-NEWBRIDGE
 75200 75224 1 42 F / 69-533 OYSTER BAY-SYOSSET
 75176 75192 1 42 T / 69-474 JERICHO-NEWBRIDGE
 75170 75192 1 42 F / 69-475 MITCHELL GARDENS-NEWBRIDGE
 75186 75192 1 42 T / 69-545 MEADOWBROOK-NEWBRIDGE
 75142 75139 1 42 F / 69-459 BALDWIN-BELLMORE
 75360 75384 1 42 F / 34.5 kV ROOSVELT-BELLMORE
 75288 75384 1 42 F / 34.5 kV MDWBROOK LIRR #1-BELLMORE
 75289 75384 1 42 F / 34.5 kV MDWBROOK LIRR #2-BELLMORE
 75291 75384 1 42 T / 34.5 kV MERRICKRR-BELLMORE
 'AR-3-BULK-XFMRS' 43 / VARNAME=AR3BXP,AR3BXQ
 75413 75843 1 43 F / 75413* HILSD230 230 75843 HILSD M334.5 1
 75413 75880 1 43 F / 75413* HILSD230 230 75880 HILSD M434.5 1
 75414 75993 1 43 F / 75414* MEYER230 230 75993 MEYER M434.5 1
 75415 75488 1 43 F / 75415* OAKDL230 230 75488 OAKDL115 115 1
 75405 75489 1 43 F / 75405* OAKDL345 345 75489 OAK2M115 115 1
 75405 75490 1 43 F / 75405* OAKDL345 345 75490 OAK3M115 115 1
 77400 77431 1 43 F / 77400 CLAY 345 77431* CLAY 115 1
 77400 77431 2 43 F / 77400 CLAY 345 77431* CLAY 115 2
 77401 77439 1 43 F / 77401 DEWITT 3 345 77439* DEWITT 1 115 1
 77402 77441 1 43 F / 77402 ELBRIDGE 345 77441* ELBRIDGE 115 1
 77404 77475 1 43 F / 77404 OSWEGO 345 77475* OSW 3&4 115 1
 77405 77486 1 43 F / 77405 SCRIBA 345 77486* SCRIBA 115 1
 77405 77486 2 43 F / 77405 SCRIBA 345 77486* SCRIBA 115 2
 75407 75418 1 43 F / 75407* WATRC345 345 75418 WATRC230 230 1
 'AR-4-BULK-XFMRS' 44 / VARNAME=AR4BXP,AR4BXQ
 79590 79599 1 44 F / 79590 MOSES W 230 79599* MOS 115 115 1
 79590 79599 2 44 F / 79590 MOSES W 230 79599* MOS 115 115 2
 79590 79599 3 44 F / 79590 MOSES W 230 79599* MOS 115 115 3
 79590 79599 4 44 F / 79590 MOSES W 230 79599* MOS 115 115 4
 79593 79672 1 44 F / 79593 PLAT T#1 230 79672* PLAT 115 115 1
 79594 79672 1 44 F / 79594 PLAT T#4 230 79672* PLAT 115 115 1
 79595 79606 1 44 F / 79595 WILLIS E 230 79606* WILL 115 115 1
 79596 79606 1 44 F / 79596 WILLIS W 230 79606* WILL 115 115 1
 79578 79587 1 44 F / 79578 MASS 765 765 79587* MASS230A 230 1
 79578 79588 1 44 F / 79578 MASS 765 765 79588* MASS230B 230 1
 'AR-5-BULK-XFMRS' 45 / VARNAME=AR5BXP,AR5BXQ
 78460 78485 1 45 F / 78460 PORTER 2 230 78485* PORTER 1 115 1
 78460 78485 2 45 F / 78460 PORTER 2 230 78485* PORTER 1 115 2
 79585 78071 1 45 F / 79585 ADRON B1 230 78071* KB-AD115 115 1
 75400 75440 1 45 F / 75400 COOPC345 345 75440* COOPC115 115 1
 75400 75440 2 45 F / 75400 COOPC345 345 75440* COOPC115 115 2
 75403 75455 1 45 F / 75403* FRASR345 345 75455 FRASR115 115 1
 78450 78485 1 45 F / 78450 EDIC 345 78485* PORTER 1 115 1
 78450 78485 2 45 F / 78450 EDIC 345 78485* PORTER 1 115 2
 78450 78460 1 45 F / 78450 EDIC 345 78460* PORTER 2 230 1

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79577 79583 1 45 F / 79577 MARCY765 765 79583* MARCY T1 345 1
79577 79583 2 45 F / 79577 MARCY765 765 79583* MARCY T1 345 2
'AR-6-BULK-XFMRS' 46 / VARNAME=AR6BXP,AR6BXQ
78980 78782 1 46 F / 78980* ROTRDM.2 230 78782 RTRDM1 115 1
78980 78782 2 46 F / 78980* ROTRDM.2 230 78782 RTRDM1 115 2
78980 78782 3 46 F / 78980* ROTRDM.2 230 78782 RTRDM1 115 3
78702 78766 1 46 F / 78702* N.SCOT77 345 78766 N.SCOT1 115 1
78703 78766 1 46 F / 78703* N.SCOT99 345 78766 N.SCOT1 115 1
78704 78778 1 46 F / 78704 REYNLD3 345 78778* REY. RD. 115 1
'AR-7-BULK-XFMRS' 47 / VARNAME=AR7BXP,AR7BXQ
74000 74030 1 47 F / 74000* HURLEY 3 345 74030 HURLEY 1 115 1
74001 74046 1 47 F / 74001* ROCK TAV 345 74046 ROCK TV1 115 1
74001 74046 3 47 F / 74001* ROCK TAV 345 74046 ROCK TV1 115 3
74344 74043 1 47 F / 74344* PLTVLLEY 345 74043 PL.VAL 1 115 1
74347 79319 1 47 F / 74347 RAMAPO 345 79319* RAMAPO 1 138 1
74347 79319 2 47 F / 74347 RAMAPO 345 79319* RAMAPO 1 138 2
74311 79324 1 47 F / 74311* BOWLINE2 345 79324 BOWLINE 138 1
79300 79325 1 47 F / 79300* W.HAV345 345 79325 W.HAVERS 138 1
79304 79322 1 47 F / 79304 SHOEMTAP 345 79322* SHOEMTAP 138 1
'AR-8-BULK-XFMRS' 48 / VARNAME=AR8BXP,AR8BXQ
74312 74410 1 48 F / 74312 BUCH N 345 74410* BUCHNTA5 138 1
74341 74508 1 48 F / 74341 MILLWOOD 345 74508* MLWD TA 138 1
74341 74508 2 48 F / 74341 MILLWOOD 345 74508* MLWD TA 138 2
75408 75515 1 48 F / 75408* WOODA345 345 75515 WOODS115 115 1
75409 75515 1 48 F / 75409* WOODB345 345 75515 WOODS115 115 1
'AR-3-4-5-6-7-8X' 49 / VARNAME=ARXBXP,ARXBXQ
43 0 0 49 F / ADD AR-3-BULK-XFMRS
44 0 0 49 F / ADD AR-4-BULK-XFMRS
45 0 0 49 F / ADD AR-5-BULK-XFMRS
46 0 0 49 F / ADD AR-6-BULK-XFMRS
47 0 0 49 F / ADD AR-7-BULK-XFMRS
48 0 0 49 F / ADD AR-8-BULK-XFMRS
'CONED-CABLE-INT' 50 / VARNAME=CECBOP,CECBOQ
74348 74897 1 50 F / SPRBROOK 345 SHCRK 345 M29 PROJ
74650 74691 3 50 F / REAC71 345 S. BRONX 345 MOTT-HAVEN
74651 74691 4 50 F / REAC72 345 S. BRONX 345 MOTT-HAVEN
74348 74351 1 50 F / SPRBROOK 345 TREMONT 345
74420 74533 1 50 F / DUN NO1R 138 S CREEK 138
74421 74533 1 50 F / DUN NO2R 138 S CREEK 138
74424 74435 1 50 F / DUN SO1R 138 E179 ST 138
75047 74505 1 50 T / L SUCSPH 138 JAMAICA 138
75067 74505 1 50 T / V STRM P 138 JAMAICA 138
74650 74345 3 50 F / REAC71 345 RAINEY 345 REPLACED BY MOTT
74651 74345 4 50 F / REAC72 345 RAINEY 345 REPLACED BY MOTT
74567 74354 1 50 F / REACM51 345 W 49 ST 345
74568 74354 2 50 F / REACM52 345 W 49 ST 345
'I TO J' 51 10.54 2.7 1 / VARNAME=CIJP,CIJQ
74348 74351 1 51 F / SPRBROOK 345 TREMONT 345
74348 74897 1 51 F / SPRBROOK 345 SHCRK 345 M29 PROJECT
74420 74533 1 51 F / DUN NO1R 138 S CREEK 138
74421 74533 1 51 F / DUN NO2R 138 S CREEK 138
74424 74435 1 51 F / DUN SO1R 138 E179 ST 138
74650 74345 3 51 F / REAC71 345 RAINEY 345 REPLACED BY MOTT
74651 74345 4 51 F / REAC72 345 RAINEY 345 REPLACED BY MOTT
74650 74691 3 51 F / REAC71 345 S. BRONX 345 MOTT-HAVEN
74651 74691 4 51 F / REAC72 345 S. BRONX 345 MOTT-HAVEN

74567 74354 1 51 F / REACM51 345 W 49 ST 345
 74568 74354 2 51 F / REACM52 345 W 49 ST 345
 'CE-PV20+FRAS-GILB' 52 9.8 4.7 1 / VARNAME=CEFRP,CEFRQ
 75447 79136 1 52 T / E.SPR115 115 INGHAM-E 115
 78450 78702 1 52 T / EDIC 345 N.SCOT77 345
 78460 78980 1 52 T / PORTER 2 230 ROTRDM.2 230
 78460 78980 2 52 T / PORTER 2 230 ROTRDM.2 230
 78478 79136 1 52 T / INGMS-CD 115 INGHAM-E 115
 78478 78552 1 52 F / INGMS-CD 115 INGHAMS 46.0
 79583 78703 1 52 T / MARCY T1 345 N.SCOT99 345
 75403 79581 1 52 F / FRASR345 345 GILB 345 345
 'CE GROUP ' 53 9.8 4.7 1 / VARNAME=CEGP,CEGQ
 75447 79136 1 53 T / E.SPR115 115 INGHAM-E 115
 78450 78702 1 53 T / EDIC 345 N.SCOT77 345
 78460 78980 1 53 T / PORTER 2 230 ROTRDM.2 230
 78460 78980 2 53 T / PORTER 2 230 ROTRDM.2 230
 78478 79136 1 53 T / INGMS-CD 115 INGHAM-E 115
 78478 78552 1 53 F / INGMS-CD 115 INGHAMS 46.0
 79583 78703 1 53 T / MARCY T1 345 N.SCOT99 345
 75403 79581 1 53 F / FRASR345 345 GILB 345 345
 75400 74001 2 53 T / COOPC345 345 ROCKTAV 345 REPLACED BY CALPINE WAWAYANDA
 75400 79304 1 53 T / COOPC345 345 SHOEMTAP 345
 'HUDSONVALLEY' 54 9.9 4.0 1 / VARNAME=CHVLP,CHVLQ
 11 0 0 54 F / ADD UPNY-SENY
 13 0 0 54 F / ADD UPNY-CONED
 17 0 0 54 F / ADD DUNWOODIE-SOUTH
 'SENY E to G' 55 9.9 4.0 1 / VARNAME=CHVLP,CHVLQ
 75512 76210 1 55 F / W.WDB115 115 W.WDBR69 69
 75400 74001 2 55 T / COOPC345 345 ROCKTAV 345 REPLACED BY CALPINE WAWAYANDA
 75400 79304 1 55 T / COOPC345 345 SHOEMTAP 345
 'UPNY-SENY-(MC)' 56 9.9 4.0 1 / VARNAME=USMCOP,USMCOQ
 2 74300 1 56 T / BRANCHBG 500 RAMAPO 5 500
 5028 79302 1 56 T / WALDWICK 345 SMAHWAH1 345
 5028 79303 1 56 T / WALDWICK 345 SMAHWAH2 345
 73117 74344 1 56 T / LONGMTN 345 PLTVLLEY 345
 75400 74001 2 56 T / COOPC345 345 ROCKTAV 345 REPLACED BY CALPINE WAWAYANDA
 75400 79304 1 56 T / COOPC345 345 SHOEMTAP 345
 75512 76210 1 56 F / W.WDB115 115 W.WDBR69 69
 78701 74000 1 56 F / LEEDS 3 345 HURLEY 3 345
 78701 74344 2 56 F / LEEDS 3 345 PLTVLLEY 345
 78705 74344 1 56 F / ATHENS 345 PLTVLLEY 345
 78730 74043 1 56 F / ADM 115 PL.VAL 1 115
 78739 74043 1 56 F / BL STR 115 PL.VAL 1 115
 78742 74043 1 56 F / BLUES-8 115 PL.VAL 1 115
 78757 74040 1 56 F / AIRCO-2T 115 N.CAT. 1 115 REPLACES JMC-PH2B N.CAT IN 1994
 78757 74040 2 56 F / AIRCO-2T 115 N.CAT. 1 115 REPLACES JMC-PH2B N.CAT IN 1994
 73337 74127 1 56 F / SALISBRY69.0 SMITHFLD 69 NORMALLY OPEN
 9803 79311 1 56 F / HCOR138 138 BURNS138 138 RECO TIE
 9804 79302 1 56 F / SMAH138 138 SMAHWAH1 345 RECO TIE
 9804 79319 1 56 F / SMAH138 138 RAMP138 138 RECO TIE
 9806 79357 1 56 T / CLOSTR6969.0 SPARKILL69.0 RECO TIE
 9808 79362 1 56 T / HCOR69 69.0 WNYA69 69.0 RECO TIE
 9809 79327 1 56 T / MONTVALE69.0 BLUHILL 69.0 RECO TIE
 9809 79327 2 56 T / MONTVALE69.0 BLUHILL 69.0 RECO TIE
 9809 79400 1 56 F / MONTVALE69.0 L491T 69.0 RECO TIE
 9810 79340 1 56 F / SMAH69 69.0 HILB69 69.0 RECO TIE

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9811 79376 1 56 T/ HCOR34 34.5 PEARL34 34.5 RECO TIE
 'PJMCent-NJ' 57 9.9 4.0 1 / VARNAME=PJMSP,PJMSQ
 1 2 1 57 F/ Alburdis 500 BRANCHBG 500
 7 2 1 57 F/ Elroy 500 BRANCHBG 500
 63 28 1 57 F/ Salem Tap500 Windsor 500
 4970 2884 1 57 F/ Clarksvil230 Windsoe 230
 2859 2851 1 57 F/ Larrabee 230 Atlantic 230
 2859 2876 1 57 F/ Larrabee 230 Smithbg 230
 2859 2876 2 57 F/ Larrabee 230 Smithbg 230
 2520 4962 1 57 F/ EFleming 230 Branbrg 230
 2524 2519 1 57 F/ GlenGrdnr230 Chester 230
 2540 2548 1 57 F/ Pocohatng230 WWhrtn 230
 2553 2537 1 57 F/ Newton 230 Montville 230
 'NJ5-2BADSWN_F' 58 9.9 4.0 1 / VARNAME=NJBTP,NJBTPQ
 2 4962 1 58 F/ Branchburhg 500/230 kV
 2 4962 2 58 F/ Branchburhg 500/230 kV
 2 4962 3 58 F/ Branchburhg 500/230 kV
 1 3051 1 58 F/ Alburdis 500/230 kV
 6 4978 1 58 F/ Deans 500/230 kV
 6 4978 2 58 F/ Deans 500/230 kV
 6 4978 3 58 F/ Deans 500/230 kV
 17 2876 1 58 F/ Smithbrg 500/230 kV
 28 2896 1 58 F/ Windsor 500/230 kV
 28 2896 2 58 F/ Windsor 500/230 kV
 12 5011 4 58 F/ NewFree 500/230 kV
 12 5011 2 58 F/ NewFree 500/230 kV
 12 5011 3 58 F/ NewFree 500/230 kV