

PJM 2017/2018 Stage 1A Over Allocation Notice

This document is to inform PJM members that Stage 1A of the 2017/2018 Annual ARR allocation was infeasible and PJM was required per PJM Tariff and Operating Agreement to increase the capability limits on these facilities in order to allocate all Stage 1A ARRs.

Section 7.4.2 (i) of the PJM OATT and Operating Agreement states:

If any Auction Revenue Right requests made during stage 1A of the annual allocation process are not feasible due to system conditions, then PJM shall increase the capability limits of the binding constraints that would have rendered the Auction Revenue Rights infeasible to the extent necessary in order to allocate such Auction Revenue Rights without their being infeasible unless such infeasibility is caused by extraordinary circumstances. Such increased limits shall be included in all rounds of the annual allocation and auction processes and in subsequent modeling during the Planning Year to support any incremental allocations of Auction Revenue Rights and monthly and balance of the Planning Period Financial Transmission Rights auctions unless and to the extent those system conditions that contributed to infeasibility in the annual process are not extant for the time period subject to the subsequent modeling, such as would be the case, for example, if transmission facilities are returned to service during the Planning Year. In these cases, any increase in the capability limits taken under this subsection (i) during the annual process will be removed from subsequent modeling to support any incremental allocations of Auction Revenue Rights and monthly and balance of the Planning Period Financial Transmission Rights auctions. In addition, PJM may remove or lower the increased capability limits, if feasible, during subsequent FTR Auctions if the removal or lowering of the increased capability limits does not impact Auction Revenue Rights funding and net auction revenues are positive.

The below facilities were infeasible and required an increase to the capability limits. These increases will be modeled for all future rounds of the 2017/2018 Annual ARR Allocation and all FTR Auctions effective for the 2017/2018 planning period unless the reason for infeasibility is because of Transmission Outages in which case the increase to capability limits will only apply when the transmission outage is out of service. In addition, PJM may remove or lower the increased capability limits, if feasible, during subsequent FTR Auctions if the removal or lowering of the increased capability limits does not impact Auction Revenue Rights funding and net auction revenues are positive.

Equipment Name	Contingency Description	Required MW Increase in Capability Limits	Type	Reason for Infeasibility
0404 Quad Cities-H471 I/o 15503 Cordova-Nelson 345 kV		318	M2M Flowgate	Network Load
0621 Byron-Cherry Valley 345 kV I/o 0622 Byron-Cherry Valley 345 kV		4	M2M Flowgate	Network Load
107 Dixon-169 McGirrRd 10714 138kV I/o Byron-LeeCo 0627 345kV		67	M2M Flowgate	Network Load
124 Maryland-11902 138kV I/o Byron-LeeCo 345kV		38	M2M Flowgate	Network Load
155 Nelson 345/138kV TR82 I/o Byron-LeeCo 345kV		22	M2M Flowgate	Network Load
155 Nelson-15508 138kV I/o Nelson-ElectricJct 15502 345kV		28	M2M Flowgate	Network Load
15616 Cherry Valley-Silver Lake I/o 15502 Nelson-Electric Jct.		94	M2M Flowgate	Network Load
15627-Glidden 138 kV I/o Cherry Valley-Silver Lake 345 kV		10	M2M Flowgate	Network Load
6101-Hennepin 138I/o Princetp 138 Sub		62	M2M Flowgate	Network Load
6101HennepinTap-Hennepin 138 kV I/o Havana-Powerton-Danvers 138 kV		28	M2M Flowgate	Network Load
6101Tap - Hennepin 138 kV I/o Nelson - Electric Junction 345 kV		47	M2M Flowgate	Network Load
6101tap_Hennepin138_FLO_KickapooCrk_Lasalle138		26	M2M Flowgate	Network Load
83 Glidden-15627 138 kV I/o Nelson-Electric Junction 345 kV		2	M2M Flowgate	Network Load
Albany-Garden Plain 138 I/o Quad Cities-H471 345		12	M2M Flowgate	Network Load
Batesvill_Hubbl_138kV_flo_Tanners_Creek_Miami_Fort_345kV		67	M2M Flowgate	Network Load

Equipment Name	Contingency Description	Required MW Increase in Capability Limits	Type	Reason for Infeasibility
Braidwood-East Frankfurt 2001 345 I/o Braidwood-East Frankfurt 2003 345		65	M2M Flowgate	Network Load
Braidwood-EastFrankfurt 2001 345KV I/o Braidwood-Davis Creek + DC TR83 345kv		71	M2M Flowgate	Network Load
BRUNNERI230KV BRU-YOR	L230.Jackson-TMI.1051	23	Internal PJM	Transmission Outage
BUNSONVL_TR1_flo_SULLIVAN_CASEY_345		9	Pseudo Tie Flowgate	Network Load
Burnham-Munster 345 flo Dumont-Wilton Center 765		12	M2M Flowgate	Network Load
CARL PN 115 KV CAR-GAR		2	Internal PJM	Transmission Outage
Cherry Valley-Silver Lake (15616) 345 kv line		44	M2M Flowgate	Network Load
CHESTNAE69 KV CHE-MOSS	L230.NewFreedom-Cardiff.2310	33	Internal PJM	Transmission Outage
CHESTNAE69 KV CHE-MOT6	L230.NewFreedom-Cardiff.2310	36	Internal PJM	Transmission Outage
CIN34015_CAYUGA_9P_9P		8	Pseudo Tie Flowgate	Network Load
Clifty Creek-Trimble County 345		241	M2M Flowgate	Network Load
CONASTON230 KV CNS-OTT	L500.Hunterstown-Conastone.5013	104	Internal PJM	Transmission Outage
Cordova-Nelson 345 (flo) Quad Cities-H471 345		326	M2M Flowgate	Network Load
Cordova-Nelson 345 kv (15503) I/o H471-Nelson 345 kv (15504)		318	M2M Flowgate	Network Load
Crescent - 7713 138kv line for I/o Lockport-Kendall 10805 345kv line		7	M2M Flowgate	Network Load
Crescent-7713 138 I/o Kewanee-Streator 6101 138		22	M2M Flowgate	Network Load
Crete-St. John 345 kv I/o Burnham-Munster 345 kv & Wilton Center-Dumon		39	M2M Flowgate	Network Load
DEEPWATE69 KV DEE-WOOD2	L230.NewFreedom-Cardiff.2310	27	Internal PJM	Transmission Outage
Dixon-McGirr Rd 138 kv I/o Nelson-Electric Jct 345 kv		49	M2M Flowgate	Network Load
E Frankfurt-Goodings Grove 345-kV (11601 line)		40	M2M Flowgate	Network Load
East Frankfurt-Goodings Grove (11602) 345 kv line		13	M2M Flowgate	Network Load
EMILIE 138 KV EMI-FAL	L500.NewFreedom-EastWindsor.5038	49	Internal PJM	Network Load
EMILIE 138 KV EMI-FAL		33	Internal PJM	Network Load
FALLS 138 KV FAL-STE	L500.NewFreedom-EastWindsor.5038	17	Internal PJM	Transmission Outage
Galesburg 161/138 Xfm #2 flo Electric Jct.-Nelson B 345		43	M2M Flowgate	Network Load
Galesburg 161/138 Xfmr 4 flo Nelson - Sterling (H471ESS) 345kv		22	M2M Flowgate	Network Load
Garden Plain-15518 138kv I/o Nelson TR84 345/138kv		3	M2M Flowgate	Network Load
Garden Plain-15518 2 138kv I/o Quad Cities-H471 0404 345kv		31	M2M Flowgate	Network Load
Gary Ave xfmr 2 345kv/138kv I/o Dumont - Wilton Center		8	M2M Flowgate	Network Load
GRACETON230 KV GRA-SAF	L500.Hunterstown-Conastone.5013	156	Internal PJM	Transmission Outage
GRACETON230 KV GRA-SAF		137	Internal PJM	Transmission Outage
Greentown 765/138 xfmr1 Greentown 765/138 xfmr2		8	M2M Flowgate	Network Load
Greentown 765/138 xfmr2 I/o Dumont-Greentown 765		247	M2M Flowgate	Network Load
Greentown 765/138 xfmr2 I/o Rockport-Sullivan 765		346	M2M Flowgate	Network Load
Greentown_765_138_T1_flo_Greentown_Dumont_765_kv_line_and_Greentown_T2		88	M2M Flowgate	Network Load
Greentown-Delco 138 kv I/o Greentown-Chrysler 138 kv		18	M2M Flowgate	Network Load
Greentown-Delco 138 kv I/o Gtown-Chrysler 138 kv + Dumont-Greentown 765 kv		17	M2M Flowgate	Network Load
Greentown-KokomoE 230 kv I/o Walton-Peru 230 kv + Peru-Greentown 230 kv		32	M2M Flowgate	Network Load
HavanaE-HavanaS 138 kv I/o DuckCreek-Tazewell 345 kv		45	Pseudo Tie Flowgate	Network Load
Havana-Elkhart Jct 138 kv I/o DuckCreek-Tazewell 345 kv		31	Pseudo Tie Flowgate	Network Load
HEBRON 69 KV HEB-MAR	L138.Loretto-Vienna.13780	13	Internal PJM	Transmission Outage
HEBRON 69 KV HEB-ROC	L138.Loretto-Vienna.13780	12	Internal PJM	Transmission Outage
Hennepin-LTVSteel 138 kv I/o Kendall-Tazewell 345 kv		8	M2M Flowgate	Network Load
HUNTINGT138 KV HUN-HUN1		10	Internal PJM	Transmission Outage
Ipava S-Frederc3 138 kv I/o Duck Creek-Maple Ridge 345 kv		8	M2M Flowgate	Network Load
JEFFERS0345 KV JEF-CL11	L765.Rockport-Sullivan	189	Internal PJM	Transmission Outage
Kewanee_Edwards138kv_flo_Powerton_Tazewell_345kv_SPS		6	M2M Flowgate	Network Load
Kewanee-6101 138 I/o Nelson-Electric Junction 345		21	M2M Flowgate	Network Load
Kewanee-6101 138 I/o Oglesby Tap 138 sub		26	M2M Flowgate	Network Load
Kewanee-Edwards 138 kv I/o Nelson-Electric Jct 345 kv		41	M2M Flowgate	Network Load
Labadie-GraySummit 2 345 kv I/o Labadie-GraySummit 1 345 kv		67	Pseudo Tie Flowgate	Network Load
Lakeview-Zion 138 I/o Pleasant Prairie-Zion 345+Pleasant Prairie-Zion EC 345		27	M2M Flowgate	Network Load
LAKEWOOD230 KV LAK-LAR		47	Internal PJM	Transmission Outage
LAUREL 69 KV LAU-WOO	L230.NewFreedom-Cardiff.2310	7	Internal PJM	Transmission Outage
Leesburg-Northeast 138 kv I/o Leesburg-Hiple 345 kv		6	M2M Flowgate	Network Load
LOCKS 230 KV 249A	L230.Carson-Poe.2002 (Sctnlz)	9	Internal PJM	Transmission Outage
Loretto-Wilton Center 345 kv I/o Pontiac-Dresden 345 kv + TR82		52	M2M Flowgate	Network Load
Louisvil-Olney 138 kv I/o Casey-Newton 345 kv		21	Pseudo Tie Flowgate	Network Load
Maple Ridge-Tazewell 345kv I/o Fargo-Maple Ridge 345kv		165	M2M Flowgate	Network Load
MARDELA 69 KV MAR-VIE	L138.Loretto-Vienna.13780	17	Internal PJM	Transmission Outage
MarengoTap-PlsntValley(12204-2)138kv I/o ChryVly-SilverLake(15616)345KV		23	M2M Flowgate	Network Load
Mercer IP-Galesburg 161kv I/o Nelson-Electric Junction 345kv		30	M2M Flowgate	Network Load
Mercer IP-Galesburg 161kv I/o Sterling Steel-Nelson 345 kv		24	M2M Flowgate	Network Load
MercerE-Galesbur 161 kv I/o Cherry Valley-Silver Lake 345 kv		43	M2M Flowgate	Network Load
MercrP-Galesburg 161 kv I/o Cordova-Nelson 345 kv		39	M2M Flowgate	Network Load
MercrP-Galesburg 161kv I/o Byron-Lee Co 345kv		26	M2M Flowgate	Network Load
Merom_Dresser_345_flo_Merom_Worthington_345		16	Pseudo Tie Flowgate	Network Load
Michigan City-Bosserman 138 I/o Michigan City-Trail Creek 138		37	M2M Flowgate	Network Load
Mlcity-Trlcrk 138 kv I/o Bosserman-Mlcity 138 kv+Dumont-Wilton 765 kv		25	M2M Flowgate	Network Load
MONR AE 69 KV MON-VINE	L230.NewFreedom-Cardiff.2310	45	Internal PJM	Transmission Outage
Monroe-Lallendorf 345 kv		97	M2M Flowgate	Network Load
Monroe-Lallendorf 345 kv I/o Lulu 345 kv Sub		383	M2M Flowgate	Network Load
Monticello_EWinamac138kv_flo_MeadowLake_Olive345kv		49	M2M Flowgate	Network Load

Equipment Name	Contingency Description	Required MW Increase in Capability Limits	Type	Reason for Infeasibility
MITHERMON69 KV MTH-NSA	L138.Loretto-Vienna.13780	8	Internal PJM	Transmission Outage
Nelson-Electric Jct (15502) I/o Cherry Val-Silver Lake (15616)		193	M2M Flowgate	Network Load
Nelson-Electric Junction (15502) I/o Byron-Cherry Valley (0621)		221	M2M Flowgate	Network Load
Newlondon-Kokomo 230 I/o Cayuga-Nucor 345		14	M2M Flowgate	Network Load
NLG-Burlington 138 kV I/o Cherry Valley-Silver Lake 345 kV		10	M2M Flowgate	Network Load
Norris-Crossville 138kV I/o Newton-Xenia 345kV		12	M2M Flowgate	Network Load
NSALISBU69 KV NSA-ROCK	L138.Loretto-Vienna.13780	15	Internal PJM	Transmission Outage
Nucor_Whitestown_345 flo_Rockport_Jefferson_765		55	M2M Flowgate	Network Load
Oak Grove-Mercer 161 kV I/o Byron-LeeCo 345 kV		15	M2M Flowgate	Network Load
Oak Grove-Mercer 161 kV I/o Cordova-Nelson 345 kV		27	M2M Flowgate	Network Load
Oak Grove-Mercer 161 kV I/o Nelson-Electric Junction 345 kV		32	M2M Flowgate	Network Load
Oak Grove-Mercer 161 kV I/o Sterling Steel-Nelson 345 kV		27	M2M Flowgate	Network Load
Pierce_Beckjord138_ckt1889 flo_Pierce_Foster345		100	M2M Flowgate	Network Load
Pierce-Foster 345		301	M2M Flowgate	Network Load
Pierce-Foster 345 kV I/o East Bend-Terminal 345 kV		395	M2M Flowgate	Network Load
Pleasant Prairie-Zion 345 kV		20	M2M Flowgate	Network Load
Quad Cities-Cordova 0402 345 I/o Quad Cities-Cordova 0403 345		195	M2M Flowgate	Network Load
RantoulJ_PAXE_SDNY-1_B_138Kv flo_TiltonEC_WTilton_138Kv		3	Pseudo Tie Flowgate	Network Load
RANTOULICT_PAXE_138 flo_DARWIN_SULLIVAN_345		10	Pseudo Tie Flowgate	Network Load
Reynolds_Goodland_138Kv flo_Bunsonville_Eugene_345Kv		4	Pseudo Tie Flowgate	Network Load
State Line-Roxana 138 kV I/o State Line-Wolf Lake 138 kV		2	M2M Flowgate	Network Load
State Line-Roxana 138 kV I/o Sheffield 345/138-kV xfmr		12	M2M Flowgate	Network Load
State Line-Roxana 138 I/o Burnham-Sheffield 345		9	M2M Flowgate	Network Load
State Line-Roxanna 138 kV I/o Wilton Center-Dumont 765 kV		12	M2M Flowgate	Network Load
Stateline-Roxana 138 kV I/o Gary Ave-Sheffield 345 kV		12	M2M Flowgate	Network Load
Stillwell_Dumont345 flo_WiltonCenter_Dumont765		176	M2M Flowgate	Network Load
VermilioP-1572_VE flo_Sidney2_138Kv_7Sidney_345Kv		2	Pseudo Tie Flowgate	Network Load
Whitestown-Hortonville 345 kV I/o Whitestown-Guion 345 kV+Guion N 345/138 kV		20	M2M Flowgate	Network Load
Zion-Waukegan 138kV I/o Zion-Pleasant Prairie 345kV		34	M2M Flowgate	Network Load

Listed below are the aggregate MW quantities, by source and sinks, of infeasible ARR in Stage 1A of the 2017/2018 Annual ARR Allocation.

Source	Sink	Infeasible MW Quantity
1 LASALL24 KV LA-1	BATAVIA	4.9
1 LASALL24 KV LA-1	COMED	1.5
1 LASALL24 KV LA-1	COMED_RESID_AGG	647.4
1 LASALL24 KV LA-1	GENEVA	2.8
1 LASALL24 KV LA-1	NAPERVILLE	18.6
1 LASALL24 KV LA-1	ST. CHARLES	6.5
1 LASALL24 KV LA-2	BATAVIA	4.9
1 LASALL24 KV LA-2	COMED	1.5
1 LASALL24 KV LA-2	COMED_RESID_AGG	647.8
1 LASALL24 KV LA-2	GENEVA	2.8
1 LASALL24 KV LA-2	NAPERVILLE	18.6
1 LASALL24 KV LA-2	ST. CHARLES	6.5
100 SHAD34.5 KV GSG6WF	COMED_RESID_AGG	0.1
107 DIXO138 KV DIXONLEE	BATAVIA	0.1
107 DIXO138 KV DIXONLEE	COMED	0.2
107 DIXO138 KV DIXONLEE	COMED_RESID_AGG	4.7
107 DIXO138 KV DIXONLEE	GENEVA	0.1
107 DIXO138 KV DIXONLEE	NAPERVILLE	0.1
107 DIXO138 KV DIXONLEE	ROCHELLE	0.1
107 DIXO138 KV DIXONLEE	ST. CHARLES	0.1
107 DIXO138 KV SUBLETTE	BATAVIA	0.1
107 DIXO138 KV SUBLETTE	COMED	0.2
107 DIXO138 KV SUBLETTE	COMED_RESID_AGG	6.4
107 DIXO138 KV SUBLETTE	GENEVA	0.1
107 DIXO138 KV SUBLETTE	NAPERVILLE	0.1
107 DIXO138 KV SUBLETTE	ROCHELLE	0.1
107 DIXO138 KV SUBLETTE	ST. CHARLES	0.1
20 BRAID24 KV BR-1	COMED	0.1
20 BRAID24 KV BR-1	COMED_RESID_AGG	47.9
20 BRAID24 KV BR-1	NAPERVILLE	0.2
21 KINCA20 KV KN-1	BATAVIA	1.2
21 KINCA20 KV KN-1	COMED_RESID_AGG	283.6
21 KINCA20 KV KN-1	GENEVA	1.2
21 KINCA20 KV KN-1	NAPERVILLE	7.2
21 KINCA20 KV KN-1	ROCHELLE	0.4
21 KINCA20 KV KN-1	ST. CHARLES	2
21 KINCA20 KV KN-2	BATAVIA	0.6

Source	Sink	Infeasible MW Quantity
21 KINCA20 KV KN-2	COMED_RESID_AGG	142
4 QUAD C18 KV QC-1	BATAVIA	2.8
4 QUAD C18 KV QC-1	COMED	1.4
4 QUAD C18 KV QC-1	COMED_RESID_AGG	620.2
4 QUAD C18 KV QC-1	GENEVA	1.6
4 QUAD C18 KV QC-1	N ILLINOIS HUB	120
4 QUAD C18 KV QC-1	NAPERVILLE	10.6
4 QUAD C18 KV QC-1	ROCHELLE	0.9
4 QUAD C18 KV QC-1	ST. CHARLES	3.7
4 QUAD C18 KV QC-2	BATAVIA	2.8
4 QUAD C18 KV QC-2	COMED	1.4
4 QUAD C18 KV QC-2	COMED_RESID_AGG	620.1
4 QUAD C18 KV QC-2	GENEVA	1.6
4 QUAD C18 KV QC-2	N ILLINOIS HUB	280
4 QUAD C18 KV QC-2	NAPERVILLE	10.6
4 QUAD C18 KV QC-2	ROCHELLE	0.9
4 QUAD C18 KV QC-2	ST. CHARLES	3.7
6 BYRON 25 KV BY-1	BATAVIA	4.2
6 BYRON 25 KV BY-1	COMED	2.2
6 BYRON 25 KV BY-1	COMED_RESID_AGG	971.7
6 BYRON 25 KV BY-1	GENEVA	2.5
6 BYRON 25 KV BY-1	N ILLINOIS HUB	105.2
6 BYRON 25 KV BY-1	NAPERVILLE	16.6
6 BYRON 25 KV BY-1	ST. CHARLES	5.6
6 BYRON 25 KV BY-2	BATAVIA	4.2
6 BYRON 25 KV BY-2	COMED	2.1
6 BYRON 25 KV BY-2	COMED_RESID_AGG	947.9
6 BYRON 25 KV BY-2	GENEVA	2.4
6 BYRON 25 KV BY-2	N ILLINOIS HUB	245.5
6 BYRON 25 KV BY-2	NAPERVILLE	16.3
6 BYRON 25 KV BY-2	ST. CHARLES	5.5
81 TOULO138 KV CAMPGAEP	BATAVIA	0.1
81 TOULO138 KV CAMPGAEP	COMED	0.1
81 TOULO138 KV CAMPGAEP	COMED_RESID_AGG	2.7
81 TOULO138 KV CAMPGAEP	NAPERVILLE	0.1
81 TOULO138 KV CAMPGAEP	ST. CHARLES	0.1
81 TOULO138 KV CAMPGCE	BATAVIA	0.1
81 TOULO138 KV CAMPGCE	COMED	0.1
81 TOULO138 KV CAMPGCE	COMED_RESID_AGG	2.6

Source	Sink	Infeasible MW Quantity
81 TOULO138 KV CAMPGCE	NAPERVILLE	0.1
81 TOULO138 KV CAMPGCE	ST. CHARLES	0.1
937 LEE 13.5 KV LEE31-1	BATAVIA	0.3
937 LEE 13.5 KV LEE31-1	COMED	0.2
937 LEE 13.5 KV LEE31-1	COMED_RESID_AGG	74
937 LEE 13.5 KV LEE31-1	GENEVA	0.1
937 LEE 13.5 KV LEE31-1	NAPERVILLE	1.3
937 LEE 13.5 KV LEE31-1	ROCHELLE	0.1
937 LEE 13.5 KV LEE31-1	ST. CHARLES	0.4
937 LEE 13.5 KV LEE31-2	BATAVIA	0.3
937 LEE 13.5 KV LEE31-2	COMED	0.2
937 LEE 13.5 KV LEE31-2	COMED_RESID_AGG	74.3
937 LEE 13.5 KV LEE31-2	GENEVA	0.1
937 LEE 13.5 KV LEE31-2	NAPERVILLE	1.3
937 LEE 13.5 KV LEE31-2	ROCHELLE	0.1
937 LEE 13.5 KV LEE31-2	ST. CHARLES	0.4
937 LEE 13.5 KV LEE32-1	BATAVIA	0.1
937 LEE 13.5 KV LEE32-1	COMED	0.2
937 LEE 13.5 KV LEE32-1	COMED_RESID_AGG	36
937 LEE 13.5 KV LEE32-1	GENEVA	0.1
937 LEE 13.5 KV LEE32-1	NAPERVILLE	0.6
937 LEE 13.5 KV LEE32-1	ROCHELLE	0.1
937 LEE 13.5 KV LEE32-1	ST. CHARLES	0.2
937 LEE 13.5 KV LEE32-2	BATAVIA	0.1
937 LEE 13.5 KV LEE32-2	COMED	0.2
937 LEE 13.5 KV LEE32-2	COMED_RESID_AGG	36.1
937 LEE 13.5 KV LEE32-2	GENEVA	0.1
937 LEE 13.5 KV LEE32-2	NAPERVILLE	0.6
937 LEE 13.5 KV LEE32-2	ROCHELLE	0.1
937 LEE 13.5 KV LEE32-2	ST. CHARLES	0.2
937 LEE 13.5 KV LEE33-1	BATAVIA	0.3
937 LEE 13.5 KV LEE33-1	COMED	0.2
937 LEE 13.5 KV LEE33-1	COMED_RESID_AGG	72.8
937 LEE 13.5 KV LEE33-1	GENEVA	0.1
937 LEE 13.5 KV LEE33-1	NAPERVILLE	1.3
937 LEE 13.5 KV LEE33-1	ROCHELLE	0.1
937 LEE 13.5 KV LEE33-1	ST. CHARLES	0.4
937 LEE 13.5 KV LEE33-2	BATAVIA	0.3
937 LEE 13.5 KV LEE33-2	COMED	0.2

Source	Sink	Infeasible MW Quantity
937 LEE 13.5 KV LEE33-2	COMED_RESID_AGG	72.8
937 LEE 13.5 KV LEE33-2	GENEVA	0.1
937 LEE 13.5 KV LEE33-2	NAPERVILLE	1.3
937 LEE 13.5 KV LEE33-2	ROCHELLE	0.1
937 LEE 13.5 KV LEE33-2	ST. CHARLES	0.4
937 LEE 13.5 KV LEE34-1	BATAVIA	0.1
937 LEE 13.5 KV LEE34-1	COMED	0.2
937 LEE 13.5 KV LEE34-1	COMED_RESID_AGG	35.9
937 LEE 13.5 KV LEE34-1	GENEVA	0.1
937 LEE 13.5 KV LEE34-1	NAPERVILLE	0.6
937 LEE 13.5 KV LEE34-1	ROCHELLE	0.1
937 LEE 13.5 KV LEE34-1	ST. CHARLES	0.2
937 LEE 13.5 KV LEE34-2	BATAVIA	0.1
937 LEE 13.5 KV LEE34-2	COMED	0.2
937 LEE 13.5 KV LEE34-2	COMED_RESID_AGG	35.9
937 LEE 13.5 KV LEE34-2	GENEVA	0.1
937 LEE 13.5 KV LEE34-2	NAPERVILLE	0.6
937 LEE 13.5 KV LEE34-2	ROCHELLE	0.1
937 LEE 13.5 KV LEE34-2	ST. CHARLES	0.2
940 CORD18 KV CD-1	BATAVIA	0.5
940 CORD18 KV CD-1	COMED	0.3
940 CORD18 KV CD-1	COMED_RESID_AGG	107.7
940 CORD18 KV CD-1	GENEVA	0.2
940 CORD18 KV CD-1	NAPERVILLE	1.9
940 CORD18 KV CD-1	ROCHELLE	0.1
940 CORD18 KV CD-1	ST. CHARLES	0.6
940 CORD18 KV CD-2	BATAVIA	0.5
940 CORD18 KV CD-2	COMED	0.3
940 CORD18 KV CD-2	COMED_RESID_AGG	107.8
940 CORD18 KV CD-2	GENEVA	0.2
940 CORD18 KV CD-2	NAPERVILLE	1.9
940 CORD18 KV CD-2	ROCHELLE	0.1
940 CORD18 KV CD-2	ST. CHARLES	0.6
941 GRND34.5 KV GRIDG2WF	BATAVIA	0.1
941 GRND34.5 KV GRIDG2WF	COMED	0.2
941 GRND34.5 KV GRIDG2WF	COMED_RESID_AGG	10.9
941 GRND34.5 KV GRIDG2WF	GENEVA	0.1
941 GRND34.5 KV GRIDG2WF	NAPERVILLE	0.1
941 GRND34.5 KV GRIDG2WF	ROCHELLE	0.1

Source	Sink	Infeasible MW Quantity
941 GRND34.5 KV GRIDG2WF	ST. CHARLES	0.1
941 GRND34.5 KV GRIDG3WF	BATAVIA	0.1
941 GRND34.5 KV GRIDG3WF	COMED	0.1
941 GRND34.5 KV GRIDG3WF	COMED_RESID_AGG	9.8
941 GRND34.5 KV GRIDG3WF	GENEVA	0.1
941 GRND34.5 KV GRIDG3WF	NAPERVILLE	0.1
941 GRND34.5 KV GRIDG3WF	ROCHELLE	0.1
941 GRND34.5 KV GRIDG3WF	ST. CHARLES	0.1
941 GRND34.5 KV GRIDG4WF	BATAVIA	0.1
941 GRND34.5 KV GRIDG4WF	COMED	0.1
941 GRND34.5 KV GRIDG4WF	COMED_RESID_AGG	5.3
941 GRND34.5 KV GRIDG4WF	GENEVA	0.1
941 GRND34.5 KV GRIDG4WF	ROCHELLE	0.1
941 GRND34.5 KV GRIDG4WF	ST. CHARLES	0.1
941 GRND34.5 KV GRIDGEWF	BATAVIA	0.1
941 GRND34.5 KV GRIDGEWF	COMED	0.1
941 GRND34.5 KV GRIDGEWF	COMED_RESID_AGG	17.3
941 GRND34.5 KV GRIDGEWF	GENEVA	0.1
941 GRND34.5 KV GRIDGEWF	NAPERVILLE	0.3
941 GRND34.5 KV GRIDGEWF	ROCHELLE	0.1
941 GRND34.5 KV GRIDGEWF	ST. CHARLES	0.1
959ERDBS34.5 KV BSWFBRS1	BATAVIA	0.1
959ERDBS34.5 KV BSWFBRS1	COMED	0.2
959ERDBS34.5 KV BSWFBRS1	COMED_RESID_AGG	28.5
959ERDBS34.5 KV BSWFBRS1	GENEVA	0.1
959ERDBS34.5 KV BSWFBRS1	NAPERVILLE	0.5
959ERDBS34.5 KV BSWFBRS1	ROCHELLE	0.1
959ERDBS34.5 KV BSWFBRS1	ST. CHARLES	0.1
969 ECOG34.5 KV LENAUF	COMED	0.1
969 ECOG34.5 KV LENAUF	COMED_RESID_AGG	2.2
969 ECOG34.5 KV LENAUF	GENEVA	0.1
974 ZION18 KV ZE11	COMED	0.3
974 ZION18 KV ZE11	COMED_RESID_AGG	58
974 ZION18 KV ZE12	COMED	0.1
974 ZION18 KV ZE12	COMED_RESID_AGG	54.1
974 ZION18 KV ZE-3	COMED_RESID_AGG	63.9
981 CRES138 KV CRIDGEWF	COMED_RESID_AGG	0.1
981 CRES138 KV PROVIDWF	COMED_RESID_AGG	0.1
989 TWIN34.5 KV HTRAILWF	COMED_RESID_AGG	0.6

Source	Sink	Infeasible MW Quantity
989 TWIN34.5 KV OTRAILWF	COMED_RESID_AGG	0.7
AMOS 26 KV AM1	AEPIM_RESID_AGG	6.9
AMOS 26 KV AM1	AEPOHIO W.O. MON POWER	64.2
AMOS 26 KV AM1	AMP-OHIO	1.2
AMOS 26 KV AM2	AEPIM_RESID_AGG	89.5
AMOS 26 KV AM2	AEPOHIO W.O. MON POWER	16.1
AMOS 26 KV AM2	AMP-OHIO	0.4
AMOS 26 KV AM3	AEPIM_RESID_AGG	11.7
AMOS 26 KV AM3	AEPOHIO W.O. MON POWER	101.4
AMOS 26 KV AM3	AMP-OHIO	2.1
ASYLUM 23 KV LIBRTY10	BGE	0.2
ASYLUM 23 KV LIBRTY10	BGE_RESID_AGG	6.8
ASYLUM 23 KV LIBRTY10	PENELEC	7.4
ASYLUM 23 KV LIBRTY10	PENELEC_RESID_AGG	80.3
ASYLUM 23 KV LIBRTY10	PEPCO DC	3.8
ASYLUM 23 KV LIBRTY10	PEPCO MD	5.5
ASYLUM 23 KV LIBRTY10	SMECO_RESID_AGG	1.1
BEAV DUQ22 KV UNIT1	AMP-ATSI OH	21.2
BEAV DUQ22 KV UNIT1	CPP	3.9
BEAV DUQ22 KV UNIT1	FEOHIO_RESID_AGG	443.8
BEAV DUQ22 KV UNIT2	AMP-ATSI OH	20.9
BEAV DUQ22 KV UNIT2	CPP	3.9
BEAV DUQ22 KV UNIT2	FEOHIO_RESID_AGG	413.5
BIGSANDY22 KV BS1	AEPIM_RESID_AGG	0.6
BIGSANDY22 KV BS1	AEPOHIO W.O. MON POWER	0.1
BIGSANDY22 KV BS1	AMP-OHIO	0.2
BLOSSBUR13 KV UNITCT	PENELEC_RESID_AGG	1.4
BLUECREE34.5 KV BLUEC3WF	AEPIM_RESID_AGG	0.1
BRIDGEPO22 KV LOGAN	AECO	4.7
BRIDGEPO22 KV LOGAN	AECO_RESID_AGG	30.1
BRIDGEPO22 KV LOGAN	VINELAND_RESID_AGG	5
BSPEAKER138 KV 1	AEPOHIO W.O. MON POWER	0.3
BSPEAKER138 KV 2	AEPOHIO W.O. MON POWER	0.3
BSPEAKER138 KV 3	AEPOHIO W.O. MON POWER	0.3
BSPEAKER138 KV 4	AEPOHIO W.O. MON POWER	0.3
BSPEAKER138 KV 5	AEPOHIO W.O. MON POWER	0.3
BSPEAKER138 KV 6	AEPOHIO W.O. MON POWER	0.3
BUCHANAN2 KV BU1	AEPOHIO W.O. MON POWER	0.1
BURLINGT13 KV UNIT121	PSEG_RESID_AGG	8.9

Source	Sink	Infeasible MW Quantity
BURLINGT13 KV UNIT122	PSEG_RESID_AGG	8.9
BURLINGT13 KV UNIT123	PSEG_RESID_AGG	8.9
BURLINGT13 KV UNIT124	PSEG_RESID_AGG	8.9
CAMDENGN13 KV CMDN#2	BRUNSWICK	0.1
CAMDENGN13 KV CMDN#2	PSEG_RESID_AGG	18.8
CHAMBERS23 KV CCLPGEN	AECO	1.1
CHAMBERS23 KV CCLPGEN	AECO_RESID_AGG	22
CHAMBERS23 KV CCLPGEN	VINELAND_RESID_AGG	5.5
CONESVIL24 KV CV5	AEPIM_RESID_AGG	45.3
CONESVIL24 KV CV6	AEPIM_RESID_AGG	45.3
CONESVIL26 KV CV4	AEPIM_RESID_AGG	37.9
CONESVIL26 KV CV4	DAY	0.5
CONESVIL26 KV CV4	DAY_RESID_AGG	54.8
CONESVIL26 KV CV4	DEOK	0.1
CONESVIL26 KV CV4	DEOK_RESID_AGG	88
CONESVIL26 KV CV4	WILLIAMSTOWN	0.1
CONSTANT2 KV CO1	AEPOHIO W.O. MON POWER	0.1
COOK 26 KV CK1	AEPAPCO_RESID_AGG	0.7
COOK 26 KV CK1	AEPIM_RESID_AGG	118.6
COOK 26 KV CK1	AEPOHIO W.O. MON POWER	143.2
COOK 26 KV CK1	AMP-OHIO	3
COOK 26 KV CK1	BLUE RIDGE	9.6
COOK 26 KV CK1	MERIDIAN EWHITLEY	1
COOK 26 KV CK2	AEPAPCO_RESID_AGG	178.8
COOK 26 KV CK2	AEPIM_RESID_AGG	119.2
COOK 26 KV CK2	AEPOHIO W.O. MON POWER	389.2
COOK 26 KV CK2	AMP-OHIO	6.8
COOK 26 KV CK2	BLUE RIDGE	10.8
COOK 26 KV CK2	MERIDIAN EWHITLEY	0.3
CORNU 18 KV 1GT1	AEPIM_RESID_AGG	31.7
CORNU 18 KV 1GT1	AEPOHIO W.O. MON POWER	20.1
CORNU 18 KV 1GT1	AMP-OHIO	0.6
CORNU 18 KV 1GT2	AEPIM_RESID_AGG	31.7
CORNU 18 KV 1GT2	AEPOHIO W.O. MON POWER	18.3
CORNU 18 KV 1GT2	AMP-OHIO	0.6
CORNU 18 KV 2GT1	AEPIM_RESID_AGG	31.7
CORNU 18 KV 2GT1	AEPOHIO W.O. MON POWER	15
CORNU 18 KV 2GT1	AMP-OHIO	0.6
CORNU 18 KV 2GT2	AEPIM_RESID_AGG	33.1

Source	Sink	Infeasible MW Quantity
CORNU 18 KV 2GT2	AEPOHIO W.O. MON POWER	15
CORNU 18 KV 2GT2	AMP-OHIO	0.6
COVERT 16 KV 1GTG	AEPOHIO W.O. MON POWER	64.3
CROWNPNT18 KV CTG1	AECO	47.5
CROWNPNT18 KV CTG1	AECO_RESID_AGG	47.6
CROWNPNT18 KV CTG1	VINELAND_RESID_AGG	16.5
DELCOTAP13 KV DELCO	AECO_RESID_AGG	0.3
DELCOTAP13 KV DELCO	VINELAND_RESID_AGG	0.2
DENAWASH18 KV UN1	AEPIM_RESID_AGG	1.1
DENAWASH18 KV UN2	AEPIM_RESID_AGG	32.3
DLTAPLNT13.8 KV GEN1	AECO	0.1
DLTAPLNT13.8 KV GEN1	AMP-ATSI OH	1.5
DLTAPLNT13.8 KV GEN1	AMP-ATSI PA	0.1
DLTAPLNT13.8 KV GEN1	BGE	0.1
DLTAPLNT13.8 KV GEN1	BGE_RESID_AGG	2.6
DLTAPLNT13.8 KV GEN1	CPP	0.8
DLTAPLNT13.8 KV GEN1	DEOK_RESID_AGG	19
DLTAPLNT13.8 KV GEN1	DUQ	1.5
DLTAPLNT13.8 KV GEN1	DUQ_RESID_AGG	12.4
DLTAPLNT13.8 KV GEN1	EKPC_RESID_AGG	3.8
DLTAPLNT13.8 KV GEN1	FEOHIO_RESID_AGG	30.4
DLTAPLNT13.8 KV GEN1	PENNPOWER_RESID_AGG	4.7
DLTAPLNT13.8 KV GEN1	PEPCO DC	1.5
DLTAPLNT13.8 KV GEN1	PEPCO MD	2
DLTAPLNT13.8 KV GEN1	SMECO_RESID_AGG	0.6
DLTAPLNT13.8 KV GEN1	VINELAND_RESID_AGG	0.1
DLTAPLNT13.8 KV GEN2	AECO	0.1
DLTAPLNT13.8 KV GEN2	AMP-ATSI OH	1.5
DLTAPLNT13.8 KV GEN2	AMP-ATSI PA	0.1
DLTAPLNT13.8 KV GEN2	BGE	0.1
DLTAPLNT13.8 KV GEN2	BGE_RESID_AGG	2.6
DLTAPLNT13.8 KV GEN2	CPP	0.8
DLTAPLNT13.8 KV GEN2	DEOK_RESID_AGG	19
DLTAPLNT13.8 KV GEN2	DUQ	1.5
DLTAPLNT13.8 KV GEN2	DUQ_RESID_AGG	12.3
DLTAPLNT13.8 KV GEN2	EKPC_RESID_AGG	3.8
DLTAPLNT13.8 KV GEN2	FEOHIO_RESID_AGG	29.9
DLTAPLNT13.8 KV GEN2	PENNPOWER_RESID_AGG	4.5
DLTAPLNT13.8 KV GEN2	PEPCO DC	1.5

Source	Sink	Infeasible MW Quantity
DLTAPLNT13.8 KV GEN2	PEPCO MD	2
DLTAPLNT13.8 KV GEN2	SMECO_RESID_AGG	0.6
DLTAPLNT13.8 KV GEN2	VINELAND_RESID_AGG	0.1
DLTAPLNT13.8 KV GEN3	AECO	0.1
DLTAPLNT13.8 KV GEN3	AMP-ATSI OH	1.5
DLTAPLNT13.8 KV GEN3	AMP-ATSI PA	0.1
DLTAPLNT13.8 KV GEN3	BGE	0.1
DLTAPLNT13.8 KV GEN3	BGE_RESID_AGG	2.6
DLTAPLNT13.8 KV GEN3	CPP	0.8
DLTAPLNT13.8 KV GEN3	DEOK_RESID_AGG	19
DLTAPLNT13.8 KV GEN3	DUQ	1.5
DLTAPLNT13.8 KV GEN3	DUQ_RESID_AGG	12
DLTAPLNT13.8 KV GEN3	EKPC_RESID_AGG	3.8
DLTAPLNT13.8 KV GEN3	FEOHIO_RESID_AGG	29.9
DLTAPLNT13.8 KV GEN3	PENNPOWER_RESID_AGG	4.3
DLTAPLNT13.8 KV GEN3	PEPCO DC	1.5
DLTAPLNT13.8 KV GEN3	PEPCO MD	2
DLTAPLNT13.8 KV GEN3	SMECO_RESID_AGG	0.6
DLTAPLNT13.8 KV GEN3	VINELAND_RESID_AGG	0.1
DLTAPLNT18 KV GEN4	AECO	0.1
DLTAPLNT18 KV GEN4	AMP-ATSI OH	1.5
DLTAPLNT18 KV GEN4	AMP-ATSI PA	0.1
DLTAPLNT18 KV GEN4	BGE	0.1
DLTAPLNT18 KV GEN4	BGE_RESID_AGG	2.6
DLTAPLNT18 KV GEN4	CPP	0.8
DLTAPLNT18 KV GEN4	DEOK_RESID_AGG	18.9
DLTAPLNT18 KV GEN4	DUQ	1.5
DLTAPLNT18 KV GEN4	DUQ_RESID_AGG	11.7
DLTAPLNT18 KV GEN4	EKPC_RESID_AGG	3.8
DLTAPLNT18 KV GEN4	FEOHIO_RESID_AGG	29
DLTAPLNT18 KV GEN4	PENNPOWER_RESID_AGG	4
DLTAPLNT18 KV GEN4	PEPCO DC	1.5
DLTAPLNT18 KV GEN4	PEPCO MD	2
DLTAPLNT18 KV GEN4	SMECO_RESID_AGG	0.6
DLTAPLNT18 KV GEN4	VINELAND_RESID_AGG	0.1
EAGLEGEN13 KV EGLE#1	PSEG_RESID_AGG	11.1
EAGLEGEN13 KV EGLE#2	PSEG_RESID_AGG	11.1
EAGLEGEN13 KV EGLE#3	PSEG_RESID_AGG	6
EBEND 20 KV EB2	DEK	141

Source	Sink	Infeasible MW Quantity
EBEND 20 KV EB2	EKPC_RESID_AGG	5.1
EBEND 20 KV EB2_D	DAY	1.1
EBEND 20 KV EB2_D	DAY_RESID_AGG	130.8
EDGEMOOR13 KV HAYRD4	BERLIN DPL	0.1
EDGEMOOR13 KV HAYRD4	DPL_ODEC	20.4
EDGEMOOR13 KV HAYRD5	AMP-ATSI OH	1.7
EDGEMOOR13 KV HAYRD5	AMP-ATSI PA	0.1
EDGEMOOR13 KV HAYRD5	BGE	0.1
EDGEMOOR13 KV HAYRD5	BGE_RESID_AGG	3.3
EDGEMOOR13 KV HAYRD5	CPP	1
EDGEMOOR13 KV HAYRD5	DEOK_RESID_AGG	19.4
EDGEMOOR13 KV HAYRD5	EKPC_RESID_AGG	4.2
EDGEMOOR13 KV HAYRD5	FEOHIO_RESID_AGG	31
EDGEMOOR13 KV HAYRD5	PENNPOWER_RESID_AGG	3.9
EDGEMOOR13 KV HAYRD5	PEPCO DC	1.7
EDGEMOOR13 KV HAYRD5	PEPCO MD	2.3
EDGEMOOR13 KV HAYRD5	SMECO_RESID_AGG	0.8
EDGEMOOR13 KV HAYRD6	AMP-ATSI OH	1.7
EDGEMOOR13 KV HAYRD6	AMP-ATSI PA	0.1
EDGEMOOR13 KV HAYRD6	BGE	0.1
EDGEMOOR13 KV HAYRD6	BGE_RESID_AGG	3.3
EDGEMOOR13 KV HAYRD6	CPP	1
EDGEMOOR13 KV HAYRD6	DEOK_RESID_AGG	19.4
EDGEMOOR13 KV HAYRD6	EKPC_RESID_AGG	4.2
EDGEMOOR13 KV HAYRD6	FEOHIO_RESID_AGG	30.9
EDGEMOOR13 KV HAYRD6	PENNPOWER_RESID_AGG	3.9
EDGEMOOR13 KV HAYRD6	PEPCO DC	1.7
EDGEMOOR13 KV HAYRD6	PEPCO MD	2.3
EDGEMOOR13 KV HAYRD6	SMECO_RESID_AGG	0.8
EDGEMOOR13 KV HAYRD7	AMP-ATSI OH	1.7
EDGEMOOR13 KV HAYRD7	AMP-ATSI PA	0.1
EDGEMOOR13 KV HAYRD7	BGE	0.1
EDGEMOOR13 KV HAYRD7	BGE_RESID_AGG	3.3
EDGEMOOR13 KV HAYRD7	CPP	1
EDGEMOOR13 KV HAYRD7	DEOK_RESID_AGG	19.4
EDGEMOOR13 KV HAYRD7	EKPC_RESID_AGG	4.2
EDGEMOOR13 KV HAYRD7	FEOHIO_RESID_AGG	30.8
EDGEMOOR13 KV HAYRD7	PENNPOWER_RESID_AGG	3.6
EDGEMOOR13 KV HAYRD7	PEPCO DC	1.7

Source	Sink	Infeasible MW Quantity
EDGEMOOR13 KV HAYRD7	PEPCO MD	2.3
EDGEMOOR13 KV HAYRD7	SMECO_RESID_AGG	0.8
EDGEMOOR18 KV HAYRD8	AMP-ATSI OH	1.7
EDGEMOOR18 KV HAYRD8	AMP-ATSI PA	0.1
EDGEMOOR18 KV HAYRD8	BGE	0.1
EDGEMOOR18 KV HAYRD8	BGE_RESID_AGG	3.3
EDGEMOOR18 KV HAYRD8	CPP	1
EDGEMOOR18 KV HAYRD8	DEOK_RESID_AGG	19.4
EDGEMOOR18 KV HAYRD8	EKPC_RESID_AGG	4.2
EDGEMOOR18 KV HAYRD8	FEOHIO_RESID_AGG	30.8
EDGEMOOR18 KV HAYRD8	PENNPPOWER_RESID_AGG	3.6
EDGEMOOR18 KV HAYRD8	PEPCO DC	1.7
EDGEMOOR18 KV HAYRD8	PEPCO MD	2.3
EDGEMOOR18 KV HAYRD8	SMECO_RESID_AGG	0.8
EDGEMOOR19 KV UNIT04	BERLIN DPL	0.1
EDGEMOOR19 KV UNIT04	DPL_ODEC	10.6
EDGEMOOR23 KV UNIT05	BERLIN DPL	0.2
EDGEMOOR23 KV UNIT05	DPL_ODEC	50.1
EVERTSUB34.5 KV ARMENIA	APS_RESID_AGG	1.5
FLATLICK18 KV 1	AEPIM_RESID_AGG	0.1
FLATLICK18 KV 1	AEPOHIO W.O. MON POWER	0.7
FLATLICK18 KV 1	AMP-OHIO	0.1
FLATLICK18 KV 2	AEPIM_RESID_AGG	0.1
FLATLICK18 KV 2	AEPOHIO W.O. MON POWER	0.6
FLATLICK18 KV 2	AMP-OHIO	0.1
FLATLICK18 KV 3	AEPIM_RESID_AGG	0.1
FLATLICK18 KV 3	AEPOHIO W.O. MON POWER	0.7
FLATLICK18 KV 3	AMP-OHIO	0.1
FLATLICK18 KV 4	AEPIM_RESID_AGG	0.1
FLATLICK18 KV 4	AEPOHIO W.O. MON POWER	0.6
FLATLICK18 KV 4	AMP-OHIO	0.1
FLATLICK18 KV 5	AEPIM_RESID_AGG	0.1
FLATLICK18 KV 5	AEPOHIO W.O. MON POWER	0.7
FLATLICK18 KV 5	AMP-OHIO	0.1
FOOTHILL18 KV UNIT 4	AMP-ATSI OH	1.6
FOOTHILL18 KV UNIT 4	CPP	0.7
FOOTHILL18 KV UNIT 4	DEOK_RESID_AGG	16
FOOTHILL18 KV UNIT 4	EKPC_RESID_AGG	2.3
FOOTHILL18 KV UNIT 4	FEOHIO_RESID_AGG	27.1

Source	Sink	Infeasible MW Quantity
FOOTHILL18 KV UNIT 5	AMP-ATSI OH	1.6
FOOTHILL18 KV UNIT 5	CPP	0.7
FOOTHILL18 KV UNIT 5	DEOK_RESID_AGG	16
FOOTHILL18 KV UNIT 5	EKPC_RESID_AGG	2.3
FOOTHILL18 KV UNIT 5	FEOHIO_RESID_AGG	27
FORDMILL18 KV FE 1ACT	AECO	0.2
FORDMILL18 KV FE 1ACT	NEW JERSEY HUB	1.1
FORDMILL18 KV FE 1BCT	AECO	0.2
FORDMILL18 KV FE 1BCT	NEW JERSEY HUB	1.1
FORDMILL18 KV FE 1STM	AECO	0.2
FORDMILL18 KV FE 1STM	NEW JERSEY HUB	1.1
FORDMILL18 KV FE 1STM	PECO	18.5
FORDMILL18 KV FE 1STM	PECO_RESID_AGG	109
FORDMILL18 KV FE 2ACT	AECO	0.2
FORDMILL18 KV FE 2ACT	NEW JERSEY HUB	1.1
FORDMILL18 KV FE 2BCT	AECO	0.2
FORDMILL18 KV FE 2BCT	NEW JERSEY HUB	1.1
FORDMILL18 KV FE 2STM	AECO	0.1
FORDMILL18 KV FE 2STM	NEW JERSEY HUB	1
FORDMILL18 KV FE 2STM	PECO	10.8
FORDMILL18 KV FE 2STM	PECO_RESID_AGG	63.2
FOWLER 34.5 KV FWL2-1WF	AEPAPCO_RESID_AGG	1.3
FOWLER 34.5 KV FWL2-1WF	AEPIM_RESID_AGG	0.7
FOWLER 34.5 KV FWL2-1WF	AEPKY_RESID_AGG	0.2
FOWLER 34.5 KV FWL2-1WF	AEPOHIO W.O. MON POWER	7
FOWLER 34.5 KV FWL2-1WF	AK STEEL	0.1
FOWLER 34.5 KV FWL2-1WF	BLUE RIDGE	0.5
FOWLER 34.5 KV FWL2-1WF	BUCKEYE - AEPOH	0.1
FOWLER 34.5 KV FWL2-1WF	MERIDIAN EWHITLEY	0.1
FOWLER 34.5 KV FWL2-2WF	AEPAPCO_RESID_AGG	1.3
FOWLER 34.5 KV FWL2-2WF	AEPIM_RESID_AGG	0.7
FOWLER 34.5 KV FWL2-2WF	AEPKY_RESID_AGG	0.2
FOWLER 34.5 KV FWL2-2WF	AEPOHIO W.O. MON POWER	6.9
FOWLER 34.5 KV FWL2-2WF	AK STEEL	0.1
FOWLER 34.5 KV FWL2-2WF	BLUE RIDGE	0.5
FOWLER 34.5 KV FWL2-2WF	BUCKEYE - AEPOH	0.1
FOWLER 34.5 KV FWL2-2WF	MERIDIAN EWHITLEY	0.1
FOWLER 34.5 KV FWL2-3WF	AEPAPCO_RESID_AGG	1.3
FOWLER 34.5 KV FWL2-3WF	AEPIM_RESID_AGG	0.7

Source	Sink	Infeasible MW Quantity
FOWLER 34.5 KV FWL2-3WF	AEPKY_RESID_AGG	0.2
FOWLER 34.5 KV FWL2-3WF	AEPOHIO W.O. MON POWER	6.7
FOWLER 34.5 KV FWL2-3WF	AK STEEL	0.1
FOWLER 34.5 KV FWL2-3WF	BLUE RIDGE	0.5
FOWLER 34.5 KV FWL2-3WF	BUCKEYE - AEPOH	0.1
FOWLER 34.5 KV FWL2-3WF	MERIDIAN EWHITLEY	0.1
FOWLER 34.5 KV FWL2-4WF	AEPAPCO_RESID_AGG	1.3
FOWLER 34.5 KV FWL2-4WF	AEPIM_RESID_AGG	0.7
FOWLER 34.5 KV FWL2-4WF	AEPKY_RESID_AGG	0.2
FOWLER 34.5 KV FWL2-4WF	AEPOHIO W.O. MON POWER	6.7
FOWLER 34.5 KV FWL2-4WF	AK STEEL	0.1
FOWLER 34.5 KV FWL2-4WF	BLUE RIDGE	0.4
FOWLER 34.5 KV FWL2-4WF	BUCKEYE - AEPOH	0.1
FOWLER 34.5 KV FWL2-4WF	MERIDIAN EWHITLEY	0.1
FOWLER 34.5 KV FWLR1AWF	AEPAPCO_RESID_AGG	3.3
FOWLER 34.5 KV FWLR1AWF	AEPIM_RESID_AGG	6.6
FOWLER 34.5 KV FWLR1AWF	AEPKY_RESID_AGG	0.6
FOWLER 34.5 KV FWLR1AWF	AEPOHIO W.O. MON POWER	7.9
FOWLER 34.5 KV FWLR1AWF	AK STEEL	0.1
FOWLER 34.5 KV FWLR1AWF	AMP-OHIO	0.2
FOWLER 34.5 KV FWLR1AWF	BLUE RIDGE	0.5
FOWLER 34.5 KV FWLR1AWF	BUCKEYE - AEPOH	0.1
FOWLER 34.5 KV FWLR1AWF	MERIDIAN EWHITLEY	0.1
FOWLER 34.5 KV FWLR1BWF	AEPAPCO_RESID_AGG	3.3
FOWLER 34.5 KV FWLR1BWF	AEPIM_RESID_AGG	6.6
FOWLER 34.5 KV FWLR1BWF	AEPKY_RESID_AGG	0.6
FOWLER 34.5 KV FWLR1BWF	AEPOHIO W.O. MON POWER	7.8
FOWLER 34.5 KV FWLR1BWF	AK STEEL	0.1
FOWLER 34.5 KV FWLR1BWF	AMP-OHIO	0.2
FOWLER 34.5 KV FWLR1BWF	BLUE RIDGE	0.5
FOWLER 34.5 KV FWLR1BWF	BUCKEYE - AEPOH	0.1
FOWLER 34.5 KV FWLR1BWF	MERIDIAN EWHITLEY	0.1
FOWLER 34.5 KV FWLR3WF	AEPAPCO_RESID_AGG	12.5
GASTON4 14 KV G1	DOM_RESID_AGG	5.9
GASTON4 14 KV G2	DOM_RESID_AGG	5.9
GASTON4 14 KV G3	DOM_RESID_AGG	5.9
GASTON4 14 KV G4	DOM_RESID_AGG	5.9
GAVINAEP26 KV GV1	AEPIM_RESID_AGG	3.3
GAVINAEP26 KV GV1	AEPOHIO W.O. MON POWER	62.3

Source	Sink	Infeasible MW Quantity
GAVINAEP26 KV GV1	AMP-OHIO	1.4
GAVINAEP26 KV GV2	AEPIM_RESID_AGG	3.2
GAVINAEP26 KV GV2	AEPOHIO W.O. MON POWER	49.4
GAVINAEP26 KV GV2	AMP-OHIO	0.8
GLOUCEST230 KV GCRF	JCPL	0.1
GLOUCEST230 KV GCRF	JCPL_RESID_AGG	0.7
GLOUCEST26 KV CCRF	PSEG_RESID_AGG	2.6
GRAYFR_113 KV 1 GEN	AMP-ATSI OH	2
GRAYFR_113 KV 1 GEN	AMP-ATSI PA	0.1
GRAYFR_113 KV 1 GEN	BGE	0.1
GRAYFR_113 KV 1 GEN	BGE_RESID_AGG	3.8
GRAYFR_113 KV 1 GEN	CPP	1.1
GRAYFR_113 KV 1 GEN	DEOK_RESID_AGG	22.9
GRAYFR_113 KV 1 GEN	EKPC_RESID_AGG	4.9
GRAYFR_113 KV 1 GEN	FEOHIO_RESID_AGG	34.7
GRAYFR_113 KV 1 GEN	PENPOWER_RESID_AGG	3.6
GRAYFR_113 KV 1 GEN	PEPCO DC	2.2
GRAYFR_113 KV 1 GEN	PEPCO MD	2.8
GRAYFR_113 KV 1 GEN	SMECO_RESID_AGG	0.9
GREENUP	DEOK_RESID_AGG	16.8
HOPECREE25 KV UNIT 1	AECO	1.3
HOPECREE25 KV UNIT 1	AECO_RESID_AGG	4.6
HOPECREE25 KV UNIT 1	BRUNSWICK	0.3
HOPECREE25 KV UNIT 1	VINELAND_RESID_AGG	1.3
KAMMER2 26 KV ML1	AEPIM_RESID_AGG	4.6
KAMMER2 26 KV ML2	AEPIM_RESID_AGG	88.4
KEYSTNE 13 KV _UN1_15	DAY_RESID_AGG	38.2
KEYSTNE 13 KV _UN2_15	DAY_RESID_AGG	27.5
KEYSTNE 13 KV _UN3_15	DAY_RESID_AGG	19.5
KEYSTNE 13 KV _UN4_15	DAY_RESID_AGG	24.3
KILLEN 23.4 KV GT1	DAY_RESID_AGG	0.3
KILLEN 23.4 KV KI2	DAY	0.1
KILLEN 23.4 KV KI2	DAY_RESID_AGG	25.8
LAKWOOD18 KV OCEAN C1	JCPL_RESID_AGG	19.6
LAKWOOD18 KV OCEAN C2	JCPL_RESID_AGG	19.7
LAKWOOD230 KV NUG LK	JCPL	3.5
LAKWOOD230 KV NUG LK	JCPL_RESID_AGG	28.3
LAWRENC218 KV S1	AEPAPCO_RESID_AGG	0.2
LAWRENC218 KV S1	AEPIM_RESID_AGG	37.5

Source	Sink	Infeasible MW Quantity
LAWRENC218 KV S1	AEPOHIO W.O. MON POWER	85.9
LAWRENC218 KV S1	AMP-OHIO	1.5
LAWRENC218 KV S1	BLUE RIDGE	1
LAWRENC218 KV S1	MERIDIAN EWHITLEY	0.1
LAWRENC218 KV S2	AEPAPCO_RESID_AGG	0.1
LAWRENC218 KV S2	AEPIM_RESID_AGG	37.5
LAWRENC218 KV S2	AEPOHIO W.O. MON POWER	85.9
LAWRENC218 KV S2	AMP-OHIO	1.5
LAWRENC218 KV S2	BLUE RIDGE	1
LAWRENC218 KV S2	MERIDIAN EWHITLEY	0.1
LINWDPE 18 KV STM	AECO_RESID_AGG	0.2
LINWDPE 18 KV STM	AMP-ATSI OH	7.9
LINWDPE 18 KV STM	AMP-ATSI PA	0.4
LINWDPE 18 KV STM	BGE	0.5
LINWDPE 18 KV STM	BGE_RESID_AGG	18.4
LINWDPE 18 KV STM	CPP	4.3
LINWDPE 18 KV STM	DEOK	0.2
LINWDPE 18 KV STM	DEOK_RESID_AGG	101.5
LINWDPE 18 KV STM	DUQ	8.3
LINWDPE 18 KV STM	DUQ_RESID_AGG	48.7
LINWDPE 18 KV STM	EKPC_RESID_AGG	20.1
LINWDPE 18 KV STM	FEOHIO_RESID_AGG	130.2
LINWDPE 18 KV STM	PENPOWER_RESID_AGG	10.5
LINWDPE 18 KV STM	PEPCO DC	10
LINWDPE 18 KV STM	PEPCO MD	13.1
LINWDPE 18 KV STM	SMECO_RESID_AGG	3.6
LINWDPE 18 KV STM	VINELAND_RESID_AGG	0.2
LINWDPE 18 KV STM	WILLIAMSTOWN	0.1
MANSFIEL17 KV UN1	AMP-ATSI OH	19
MANSFIEL17 KV UN1	CPP	3.2
MANSFIEL17 KV UN1	FEOHIO_RESID_AGG	401.5
MANSFIEL17 KV UN2	AMP-ATSI OH	19
MANSFIEL17 KV UN2	CPP	3.2
MANSFIEL17 KV UN2	FEOHIO_RESID_AGG	400.1
MANSFIEL17 KV UN3	AMP-ATSI OH	19
MANSFIEL17 KV UN3	CPP	3.2
MANSFIEL17 KV UN3	FEOHIO_RESID_AGG	399.4
MICKLETO69 KV CT_1	AECO_RESID_AGG	3.5
MICKLETO69 KV CT_1	VINELAND_RESID_AGG	1.6

Source	Sink	Infeasible MW Quantity
MISO	AEC - AP	3
MISO	AEPAPCO_RESID_AGG	111.5
MISO	AEPIM_RESID_AGG	141.1
MISO	AEPKY_RESID_AGG	23
MISO	AEPOHIO W.O. MON POWER	208.2
MISO	AK STEEL	0.7
MISO	AMP-OHIO	19.3
MISO	APS_RESID_AGG	473
MISO	BLUE RIDGE	6.7
MISO	BUCK-CIN	0.2
MISO	BUCKEYE - AEPIM	0.1
MISO	BUCKEYE - AEPOH	3.9
MISO	BUCKEYE - DPL	1
MISO	BUCK-FE	0.7
MISO	DAY_RESID_AGG	58.6
MISO	DUKEXP	54.7
MISO	HREA - AP	1
MISO	LIDA - AP	0.6
MISO	MERIDIAN EWHITLEY	0.7
MISO	MON POWER	6
MISO	MONT ALTO - AP	0.1
MISO	NEWMARTINSVILLE-AP	0.5
MISO	PHILIPPI - AP	0.4
MISO	TARENTUM - AP	0.4
MOUNTAIN26 KV MT1	AEPIM_RESID_AGG	146
MOUNTAIN26 KV MT1	AEPOHIO W.O. MON POWER	5.4
MOUNTAIN26 KV MT1	AMP-OHIO	0.6
MTNTOP 34.5 KV MHOOPWF2	APS_RESID_AGG	3.7
N ILLINOIS HUB	COOK	359
NYIS	AEPOHIO W.O. MON POWER	3.2
NYIS	PENELEC_RESID_AGG	7.1
OVEC	AEPAPCO_RESID_AGG	7
OVEC	AEPIM_RESID_AGG	99.8
OVEC	AEPKY_RESID_AGG	9.3
OVEC	AEPOHIO W.O. MON POWER	61.8
OVEC	AMP-OHIO	1.6
OVEC	BLUE RIDGE	0.1
OVEC	BUCKEYE - AEPOH	4.9
OVEC	BUCKEYE - DPL	1.5

Source	Sink	Infeasible MW Quantity
OVEC	BUCK-FE	1
OVEC	DAY	0.6
OVEC	DAY_RESID_AGG	71.6
PEACHBOT22 KV UNIT02	AECO	7.5
PEACHBOT22 KV UNIT02	AECO_RESID_AGG	14.7
PEACHBOT22 KV UNIT02	DPL_ODEC	10.3
PEACHBOT22 KV UNIT02	VINELAND_RESID_AGG	2.2
PEACHBOT22 KV UNIT03	AECO	7.5
PEACHBOT22 KV UNIT03	AECO_RESID_AGG	14.7
PEACHBOT22 KV UNIT03	DPL_ODEC	10.3
PEACHBOT22 KV UNIT03	VINELAND_RESID_AGG	2.1
PEDRICKT13.8 KV PCLP	AECO	0.5
PEDRICKT13.8 KV PCLP	AECO_RESID_AGG	9.5
PEDRICKT13.8 KV PCLP	VINELAND_RESID_AGG	2.6
PERRY_FE22 KV PR10	FEOHIO_RESID_AGG	6.3
PRINTZ 18 KV STG	AMP-ATSI OH	6.5
PRINTZ 18 KV STG	AMP-ATSI PA	0.4
PRINTZ 18 KV STG	BGE	0.5
PRINTZ 18 KV STG	BGE_RESID_AGG	15.1
PRINTZ 18 KV STG	CPP	3.5
PRINTZ 18 KV STG	DEOK	0.2
PRINTZ 18 KV STG	DEOK_RESID_AGG	82.6
PRINTZ 18 KV STG	EKPC_RESID_AGG	16.3
PRINTZ 18 KV STG	FEOHIO_RESID_AGG	101.9
PRINTZ 18 KV STG	PENNPOWER_RESID_AGG	8.6
PRINTZ 18 KV STG	PEPCO DC	8.2
PRINTZ 18 KV STG	PEPCO MD	10.8
PRINTZ 18 KV STG	SMECO_RESID_AGG	2.9
PRINTZ 18 KV STG	WILLIAMSTOWN	0.1
PSEGGLOB18 KV 6	AMP-ATSI OH	2.3
PSEGGLOB18 KV 6	CPP	0.9
PSEGGLOB18 KV 6	DEOK_RESID_AGG	21.8
PSEGGLOB18 KV 6	EKPC_RESID_AGG	3.8
PSEGGLOB18 KV 6	FEOHIO_RESID_AGG	35.2
PSEGGLOB18 KV 7	AMP-ATSI OH	2.3
PSEGGLOB18 KV 7	CPP	0.9
PSEGGLOB18 KV 7	DEOK_RESID_AGG	21.8
PSEGGLOB18 KV 7	EKPC_RESID_AGG	3.8
PSEGGLOB18 KV 7	FEOHIO_RESID_AGG	34.9

Source	Sink	Infeasible MW Quantity
PSEGGLOB18 KV 8	AMP-ATSI OH	2.3
PSEGGLOB18 KV 8	CPP	0.9
PSEGGLOB18 KV 8	DEOK_RESID_AGG	21.8
PSEGGLOB18 KV 8	EKPC_RESID_AGG	3.8
PSEGGLOB18 KV 8	FEOHIO_RESID_AGG	31.6
PSEGGLOB22 KV 5	AMP-ATSI OH	2.3
PSEGGLOB22 KV 5	CPP	0.9
PSEGGLOB22 KV 5	DEOK_RESID_AGG	21.8
PSEGGLOB22 KV 5	EKPC_RESID_AGG	3.8
PSEGGLOB22 KV 5	FEOHIO_RESID_AGG	27.8
RACINE 8 KV RA1	AEPIM_RESID_AGG	2.5
RACINE 8 KV RA2	AEPIM_RESID_AGG	2.5
RICHMOPK69 KV 21R1	AEPIM_RESID_AGG	16.9
RICHMOPK69 KV 21R2	AEPIM_RESID_AGG	16.8
ROCKPOR226 KV RP1	AEPAPCO_RESID_AGG	202
ROCKPOR226 KV RP1	AEPIM_RESID_AGG	247
ROCKPOR226 KV RP1	AEPKY_RESID_AGG	40.8
ROCKPOR226 KV RP1	AEPOHIO W.O. MON POWER	494.8
ROCKPOR226 KV RP1	AMP-OHIO	8.6
ROCKPOR226 KV RP1	BLUE RIDGE	11.7
ROCKPOR226 KV RP1	BUCK-CIN	0.5
ROCKPOR226 KV RP1	BUCKEYE - AEPIM	0.1
ROCKPOR226 KV RP1	BUCKEYE - AEPOH	10.4
ROCKPOR226 KV RP1	BUCKEYE - DPL	2.6
ROCKPOR226 KV RP1	BUCK-FE	2
ROCKPOR226 KV RP1	MERIDIAN EWHITLEY	1.3
ROCKPOR226 KV RP2	AEPAPCO_RESID_AGG	199.5
ROCKPOR226 KV RP2	AEPIM_RESID_AGG	244.2
ROCKPOR226 KV RP2	AEPKY_RESID_AGG	40.4
ROCKPOR226 KV RP2	AEPOHIO W.O. MON POWER	488.9
ROCKPOR226 KV RP2	AMP-OHIO	8.5
ROCKPOR226 KV RP2	BLUE RIDGE	11.5
ROCKPOR226 KV RP2	BUCK-CIN	0.5
ROCKPOR226 KV RP2	BUCKEYE - AEPIM	0.1
ROCKPOR226 KV RP2	BUCKEYE - AEPOH	10.3
ROCKPOR226 KV RP2	BUCKEYE - DPL	2.6
ROCKPOR226 KV RP2	BUCK-FE	2
ROCKPOR226 KV RP2	MERIDIAN EWHITLEY	1.3
ROCKSPRI18 KV CT1	APS_RESID_AGG	22.1

Source	Sink	Infeasible MW Quantity
ROCKSPRI18 KV CT1	DPL_ODEC	29.3
ROCKSPRI18 KV CT2	APS_RESID_AGG	22.1
ROCKSPRI18 KV CT2	DPL_ODEC	29.3
ROCKSPRI18 KV CT3	DPL_ODEC	1.5
ROCKSPRI18 KV CT4	DPL_ODEC	1.5
RORAPIDS14 KV G1	DOM_RESID_AGG	4.4
RORAPIDS14 KV G2	DOM_RESID_AGG	4.6
RORAPIDS14 KV G3	DOM_RESID_AGG	4.6
RORAPIDS14 KV G4	DOM_RESID_AGG	4.6
ROSEMARY230 KV NUG	DOM_RESID_AGG	12.5
ROVALLEY230 KV NUG1	DOM_RESID_AGG	8.5
ROVALLEY230 KV NUG2	DOM_RESID_AGG	2.2
RPMONE 18 KV 1	AEPIM_RESID_AGG	0.3
RPMONE 18 KV 2	AEPIM_RESID_AGG	0.3
RPMONE 18 KV 3	AEPIM_RESID_AGG	0.3
SAFEHARB13 KV UNIT1	BGE_RESID_AGG	1.8
SAFEHARB13 KV UNIT10	BGE	0.1
SAFEHARB13 KV UNIT10	BGE_RESID_AGG	3.7
SAFEHARB13 KV UNIT11	BGE	0.1
SAFEHARB13 KV UNIT11	BGE_RESID_AGG	3.6
SAFEHARB13 KV UNIT12	BGE	0.1
SAFEHARB13 KV UNIT12	BGE_RESID_AGG	3.7
SAFEHARB13 KV UNIT2	BGE_RESID_AGG	1.8
SAFEHARB13 KV UNIT3	BGE_RESID_AGG	1.8
SAFEHARB13 KV UNIT4	BGE_RESID_AGG	1.8
SAFEHARB13 KV UNIT5	BGE_RESID_AGG	1.8
SAFEHARB13 KV UNIT6	BGE_RESID_AGG	1.8
SAFEHARB13 KV UNIT7	BGE_RESID_AGG	1.8
SAFEHARB13 KV UNIT8	BGE	0.1
SAFEHARB13 KV UNIT8	BGE_RESID_AGG	3.6
SAFEHARB13 KV UNIT9	BGE	0.1
SAFEHARB13 KV UNIT9	BGE_RESID_AGG	3.7
SALEM 13 KV SALEM3	DPL_ODEC	0.3
SALEM 13 KV SALEM3	VINELAND_RESID_AGG	0.1
SALEM 25 KV SALEM1	AECO	2
SALEM 25 KV SALEM1	AECO_RESID_AGG	11.2
SALEM 25 KV SALEM1	BRUNSWICK	0.2
SALEM 25 KV SALEM1	DPL_ODEC	9.6
SALEM 25 KV SALEM1	VINELAND_RESID_AGG	2

Source	Sink	Infeasible MW Quantity
SALEM 25 KV SALEM2	AECO	2
SALEM 25 KV SALEM2	AECO_RESID_AGG	8.9
SALEM 25 KV SALEM2	BRUNSWICK	0.2
SALEM 25 KV SALEM2	DPL_ODEC	9.5
SALEM 25 KV SALEM2	VINELAND_RESID_AGG	2
SAMMISFE138 KV SL91	FEOHIO_RESID_AGG	0.7
SAMMISFE19 KV SH30	FEOHIO_RESID_AGG	26.6
SAMMISFE19 KV SH40	FEOHIO_RESID_AGG	24
SAMMISFE19 KV SH60	FEOHIO_RESID_AGG	47.7
SAMMISFE19 KV SH70	AMP-ATSI OH	11.4
SAMMISFE19 KV SH70	CPP	1.5
SAMMISFE19 KV SH70	FEOHIO_RESID_AGG	47.2
SAMMISFE19 KV SL10	FEOHIO_RESID_AGG	0.7
SAMMISFE19 KV SL20	FEOHIO_RESID_AGG	0.7
SAMMISFE23.4 KV SH50	FEOHIO_RESID_AGG	46.2
SOUTHIMP	DOM_RESID_AGG	50
SPURLOCK18 KV SPURLK3	EKPC_RESID_AGG	67.2
SPURLOCK18 KV SPURLK4	EKPC_RESID_AGG	9.1
SPURLOCK22 KV SPURLK1	EKPC_RESID_AGG	48
STUART2 22.8 KV ST1	AEPIM_RESID_AGG	0.3
STUART2 22.8 KV ST1	AEPOHIO W.O. MON POWER	0.1
STUART2 22.8 KV ST2	AEPIM_RESID_AGG	0.2
STUART2 22.8 KV ST2	AEPOHIO W.O. MON POWER	0.1
STUART2 22.8 KV ST3	AEPOHIO W.O. MON POWER	0.1
STUART2 22.8 KV ST4	AEPOHIO W.O. MON POWER	0.1
SUSQUEHA24 KV UNIT01	BGE	0.6
SUSQUEHA24 KV UNIT01	BGE_RESID_AGG	20.2
SUSQUEHA24 KV UNIT02	BGE	0.6
SUSQUEHA24 KV UNIT02	BGE_RESID_AGG	20.1
TANNERSC18 KV TC3	MIAMIFOR18 KV G6	91.7
TIDD_AEP24 KV CD2	BUCK-CIN	6
TIDD_AEP24 KV CD2	BUCKEYE - DPL	23.1
TIDD_AEP24 KV CD2	BUCK-FE	31.2
TIDD_AEP26 KV CD3	BUCK-CIN	5.2
TIDD_AEP26 KV CD3	BUCKEYE - DPL	21.9
TIDD_AEP26 KV CD3	BUCK-FE	29.6
VIENNA 13 KV UNIT10	DPL_RESID_AGG	0.1
WCATWIND34.5 KV WDCAT2WF	AEPOHIO W.O. MON POWER	0.1
WINFIELD4 KV WI1	AEPIM_RESID_AGG	0.1

Source	Sink	Infeasible MW Quantity
WINFIELD4 KV WI2	AEPIM_RESID_AGG	0.1
WINFIELD4 KV WI3	AEPIM_RESID_AGG	0.1
ZELDA 18 KV UNIT 1	AEPOHIO W.O. MON POWER	0.9
ZELDA 18 KV UNIT 1	AMP-OHIO	0.1
ZELDA 18 KV UNIT 2	AEPOHIO W.O. MON POWER	0.9
ZELDA 18 KV UNIT 2	AMP-OHIO	0.1
ZELDA 18 KV UNIT 3	AEPOHIO W.O. MON POWER	0.8
ZELDA 18 KV UNIT 3	AMP-OHIO	0.1