



List of Facilities with High Congestion

October 15, 2025

For Public Use

Overview

This is the list of congested facilities, based on 2024 historical congestion.

Assumptions

- For each facility, the Transmission Owner will need to evaluate the limiting transmission equipment and determine the suitability for GETS application. PJM does not have the authority to mandate GETS implementation, but will facilitate analysis as well as implementation ([PJM - Grid Optimization Solutions](#)).
- The attached list represents the total congestion dollars for facilities that experienced at least \$2 million in total congestion under the system conditions and outages during the 2024 calendar year. This does not imply these facilities are candidates for GETS, as the analysis does not include conductor limiting element analysis nor does historical congestion serve as a definitive predictor of future congestion as studied in future production cost simulations within the Market Efficiency window. However, it highlights congested facilities on the PJM system in 2024 that could potentially be considered for GETS, subject to the discretion of incumbent and non-incumbent transmission owners and/or developers.
- PJM used the same \$2 million threshold as referenced in FERC Dockets No. RM24-6-000 ([linked here](#)) and AD22-5-000 ([linked here](#)).
- Some of the identified facilities may also have active RTEP upgrades which may mitigate some or all of the congestion - <https://www.pjm.com/planning/m/project-construction>.
- Some of the identified facilities also have plans for DLR installations. These are annotated with an asterisk (*).
- Some of the identified facilities also have plans for ACDC installations. These are annotated with a cross (+).
- A list of proposed GETS installations is also available at [20251008-item-16---dlr-updates.pdf](#).

The following are 85 high congestion facilities, listed by Transmission Owner, based on total 2024 annual congestion.

Area	Facility (B1B2B3)	Type	Day-Ahead Congestion	BAL Cong	Real-Time Binding Hours	Total Congestion (Day-Ahead Congestion-BAL Congestion)
AEP	ELIMA 138 KV ELI-HAV1	Line	\$ 36,088,922	\$ (7,375,023)	406	\$ 28,713,899
AEP	GEORGEWA 138 KV GEO-KAM	Line	\$ 25,112,451	\$ 907,025	91	\$ 26,019,475
AEP	FREMNT 138 KV FRE-FRE1	Line	\$ 19,315,635	\$ (10,464,378)	331	\$ 8,851,257
AEP	GRABILL 138 KV GRA-ROB1	Line	\$ 15,922,455	\$ (8,462,688)	157	\$ 7,459,767
AEP	ALLENIM 345 KV ALL-RPM	Line	\$ 7,699,212	\$ (1,648,560)	162	\$ 6,050,652
AEP	FREMNT 138 KV FRE-WFR1	Line	\$ 5,860,762			\$ 5,860,762
AEP	DESOTO 138 KV DES-SEL	Line	\$ 8,230,728	\$ (2,434,946)	86	\$ 5,795,782
AEP	LOCKWOOD 138 KV LOC-RIC1	Line	\$ 4,816,888	\$ (328,033)	83	\$ 4,488,855
AEP	WMOULTON 69 KV WMO-09S1	Line	\$ 6,063,718	\$ (1,699,821)	81	\$ 4,363,898
AEP	HAVILAND 138 KV HAV-TIM	Line	\$ 2,520,145			\$ 2,520,145
AEP	DEXTER 138 KV DEX-ROSE	Line	\$ 2,179,194	\$ (16,209)	1	\$ 2,162,984
APS	BIGPINET 138 KV BIG-KIS	Line	\$ 4,455,689	\$ 1,038,706	100	\$ 5,494,395
APS	DOUBS 500 KV DOU-GOO	Line	\$ 5,715,042	\$ (972,206)	26	\$ 4,742,836
APS	MITCHELL 138 KV MIT-WIL	Line	\$ 3,843,063	\$ 571,946	12	\$ 4,415,009
APS	MAHANSLA 138 KV MAH-TID	Line	\$ 3,832,083	\$ (367,748)	118	\$ 3,464,336
APS	BARTONVI 138 KV BAR-MEA	Line	\$ 3,375,745			\$ 3,375,745
APS	ALLDAM6 138 KV ALL-KIT	Line	\$ 2,686,637	\$ 166,256	175	\$ 2,852,893
APS	BUTL APS 138 KV BUT-KAR	Line	\$ 2,569,093	\$ 247,432	51	\$ 2,816,526
APS	LAYTOJCT 138 KV LAY-SMI	Line	\$ 2,759,982			\$ 2,759,982
APS	MESSICRD 138 KV MES-RID	Line	\$ 2,759,175			\$ 2,759,175
BC	CONASTON 230 KV CNS-NOR2	Line	\$ 85,559,580	\$ 1,208,349	507	\$ 86,767,930
BC	CONASTON 500 KV CNS-PEA	Line	\$ 7,629,373	\$ 322,313	111	\$ 7,951,686
BC	CONASTON 230 KV CNS-GRA	Line	\$ 2,918,570			\$ 2,918,570
BC	HOWARD 230 KV HOW-PUM	Line	\$ 2,435,770	\$ 359,599	20	\$ 2,795,369
COMED	20 BRAID 345 KV 2001	Line	\$ 37,292,310	\$ (3,800,246)	10	\$ 33,492,064
COMED	945 CRET 345 KV CRE-CRET	Line	\$ 17,006,594	\$ (1,437,019)	209	\$ 15,569,574
COMED	94 HAURD 138 KV 11323	Line	\$ 12,425,049	\$ (358,901)	1220	\$ 12,066,148
COMED	77 MAZON 138 KV 0108 2	Line	\$ 9,382,203	\$ (250,080)	11	\$ 9,132,123
COMED	1808 138 KV 1808 3	Line	\$ 8,972,321			\$ 8,972,321
COMED	4 QUAD C 345 KV 405	Line	\$ 8,873,964	\$ (731,992)	95	\$ 8,141,972
COMED	111 ELEC 345 KV 11124	Line	\$ 8,565,588	\$ (829,831)	14	\$ 7,735,757
COMED	116 GOOD 345 KV 11622	Line	\$ 6,011,653	\$ (1,219,499)	63	\$ 4,792,153

Area	Facility (B1B2B3)	Type	Day-Ahead Congestion	BAL Cong	Real-Time Binding Hours	Total Congestion (Day-Ahead Congestion-BAL Congestion)
COMED	116 GOOD 345 KV 11620	Line	\$ 7,883,694	\$ (3,350,575)	83	\$ 4,533,119
COMED	74 KEWAN 138 KV B1Z1	Line	\$ 4,107,109	\$ (375,327)	1556	\$ 3,731,782
COMED	138 SILV 345 KV 15616	Line	\$ 5,115,940	\$ (2,405,458)	71	\$ 2,710,482
COMED	108 LOCK 345 KV 10805	Line	\$ 2,591,878			\$ 2,591,878
COMED	122 BELV 138 KV 15623 2	Line	\$ 4,908,231	\$ (2,575,408)	24	\$ 2,332,823
DOM	CHAPRLTP 230 KV 249B	Line	\$ 56,013,344	\$ (4,312,959)	379	\$ 51,700,385
DOM **	PLEASNTV 230 KV 274D	Line	\$ 38,248,875	\$ (57,416)	19	\$ 38,191,459
DOM +	ELKRUNDP 230 KV ELK-ROLN	Line	\$ 34,991,503	\$ (16,235)	2	\$ 34,975,269
DOM **	ASHBURN 230 KV ASH-GOOS	Line	\$ 31,256,349			\$ 31,256,349
DOM	CHARLTSV 230 KV 2054B1	Line	\$ 14,495,463	\$ 90,456	41	\$ 14,585,919
DOM	REMNTNCT 230 KV 299A	Line	\$ 15,007,022	\$ (1,704,293)	89	\$ 13,302,729
DOM	STAFFORD 230 KV 2104B	Line	\$ 8,492,522	\$ (700,540)	25	\$ 7,791,983
DOM +	EDWSFERY 230 KV 23111	Line	\$ 6,697,606	\$ (333,167)	7	\$ 6,364,439
DPL	COOLSPRI 230 KV COL-MIL	Line	\$ 35,592,277	\$ (5,267,583)	80	\$ 30,324,694
DPL	CEDARCRE 230 KV CED-SIL	Line	\$ 25,899,053	\$ (427,290)	12	\$ 25,471,763
DPL	MARDELA 69 KV MAR-VIE	Line	\$ 11,053,560	\$ (1,518,259)	200	\$ 9,535,301
DPL	LORETTO 138 KV LOR-VIE	Line	\$ 7,333,245	\$ (47,127)	4	\$ 7,286,118
DPL	PRESTON 69 KV PRE-TAN	Line	\$ 5,485,319	\$ (23,705)	2	\$ 5,461,615
DPL	GLASGOW 138 KV GLA-KEE	Line	\$ 2,449,794	\$ (7,440)	16	\$ 2,442,354
FE	HIGHLAOE 138 KV HIG-COM1	Line	\$ 9,726,886	\$ 539,884	507	\$ 10,266,770
FE	SALTSPRG 138 KV SAL-MAS1	Line	\$ 4,856,991	\$ (1,024,576)	252	\$ 3,832,414
FE	EAKRON 138 KV EAK-HAY	Line	\$ 3,787,340	\$ (116,507)	11	\$ 3,670,833
FE	BROADVW 138 KV BRO-FIN	Line	\$ 2,291,950	\$ 23,261	26	\$ 2,315,211
JC	SAYRECON 230 KV SAY-SAY	Line	\$ 2,036,174			\$ 2,036,174
ME	GARDNERS 115 KV GAR-TEX	Line	\$ 12,466,644	\$ (651,909)	85	\$ 11,814,735
ME	JACK ME 230 KV JAC-TMI	Line	\$ 4,663,146	\$ (66,331)	32	\$ 4,596,815
ME	LINCOLN 115 KV LIN-STR	Line	\$ 4,315,907	\$ (7,155)	61	\$ 4,308,752
ME	BOONETWN 230 KV BOO-SRE	Line	\$ 3,312,572	\$ 160,556	137	\$ 3,473,128
ME	YORKHAVE 115 KV YOR-ZIO	Line	\$ 3,254,518			\$ 3,254,518
PE	PLYMOUTH 230 KV PLY-WHI3	Line	\$ 16,105,095	\$ (919,907)	77	\$ 15,185,188
PE	PLYMOUTH 230 KV PLY-WHI4	Line	\$ 14,771,218	\$ (6,023)	2	\$ 14,765,195
PEP	DICKERSH 230 KV DIC-DIC3	Line	\$ 13,991,139	\$ (2,011,209)	68	\$ 11,979,930
PEP	DICKERSH 230 KV DIC-DOU2	Line	\$ 9,295,371	\$ (120,643)	4	\$ 9,174,728
PEP	DICKERSH 230 KV DIC-DIC4	Line	\$ 4,264,592	\$ (24,518)	11	\$ 4,240,074

Area	Facility (B1B2B3)	Type	Day-Ahead Congestion	BAL Cong	Real-Time Binding Hours	Total Congestion (Day-Ahead Congestion-BAL Congestion)
PL	OTTCRKPL 230 KV OTT-YOR	Line	\$ 9,254,728			\$ 9,254,728
PL	ELDRED 230 KV ELD-SUN	Line	\$ 6,604,691	\$ 224,331	11	\$ 6,829,023
PL	BRUNNERI 230 KV BRU-YOR	Line	\$ 6,379,132	\$ (84,982)	40	\$ 6,294,150
PL	ELIMSPOR 230 KV ELI-SUN	Line	\$ 5,581,489	\$ 116,210	61	\$ 5,697,699
PL	DAUPHIN 230 KV DAU-JUN	Line	\$ 5,066,370	\$ 209,694	41	\$ 5,276,064
PL	MILLWDPL 230 KV MIL-SAK	Line	\$ 3,516,310	\$ 61,026	13	\$ 3,577,336
PL	MANOR 230 KV MAN-WHE2	Line	\$ 3,341,706	\$ (400,999)	55	\$ 2,940,707
PL	BRUNNERI 230 KV BRU-MID6	Line	\$ 2,123,983	\$ 8,036	3	\$ 2,132,019
PL-BC	GRACETON 230 KV GRA-SAF	Line	\$ 36,381,268	\$ (420,258)	609	\$ 35,961,010
PN	LENOX 115 KV LEN-NME	Line	\$ 127,564,341	\$ (19,036,160)	3905	\$108,528,181
PN	ETOWANDA 230 KV ETO-HIL	Line	\$ 37,815,118	\$ 2,837,440	1138	\$ 40,652,558
PN	CARL PN 115 KV CAR-GAR	Line	\$ 2,329,656	\$ (299,203)	138	\$ 2,030,453
WVPAT	MERIDIAN 345 KV MER-TWI1	Line	\$ 17,755,492	\$ (10,369,866)	178	\$ 7,385,626