

Annual ARR Allocation and FTR Auction Transmission Outage Modeling

PJM determines the transmission outages to model in the simultaneous feasibility test utilized in the Annual ARR Allocation and FTR Auction using the following procedure.

PJM executes the SFT analysis on transmission outages as follows:

1. PJM begins with the initial outage list as it is submitted to PJM by the transmission owners posted on the PJM OASIS. This is a raw list of outages available to the public on the PJM OASIS page. This list is not necessarily a list of approved outages or actual outages that will be occurring as it changes daily and many of the outages are not yet approved. This list consists of all transmission outages of duration of two weeks or longer. Transmission outages will only be considered in the final model if scheduled for at least two months or if identified in step four below.
2. PJM reviews the initial outage list for all PJM transmission zones and identifies outages that are occurring during the period of the Annual ARR allocation and FTR Auction which do not occur simultaneously. Outages often occur during different times of the year and would not be approved to occur simultaneously because they would cause reliability concerns. Therefore, PJM models the best representation of outages to reflect the expected conditions of the auction time period. In many instances it is impractical and unrealistic to model multiple outages in a similar region that occur during different time periods because the Annual ARR/FTR model is a single year period and if these multiple outages were modeled the optimization program would fail because of a power imbalance or infeasibility.
3. PJM market engineers also review all transmission outages of interest with the PJM interconnection and operations group for the likelihood of the outages actually occurring. In many instances outages are submitted to PJM and posted on OASIS that are not yet approved and will be delayed, cancelled, or rescheduled. Outages might be delayed, cancelled, or rescheduled for reasons such as cancelled transmission upgrades, conflicts with other outages, maintenance cancellations, etc. This information is gathered by the PJM Interconnection Planning department, PJM System Operations department, and the actual transmission owners.
4. PJM market engineers will review the transmission outage list and identify transmission outages that could have a large impact on congestion and possibly FTR revenue adequacy. This determination is made by comparing transmission outages to historical data, focusing on higher voltage transmission outages, considering outage duration, and performing power flow congestion analysis.
5. After this analysis is performed on the initial OASIS outage list and PJM determines the actual outages that will be placed in the optimization program, PJM posts a separate FTR outage list to the FTR web page. This separate FTR outage list is posted publicly along with the actual FTR model usually at least one week before the

bidding window opens so that PJM members have a transparent view of the conditions to be used for the optimization program.

PJM must use reasonable assumptions for the topology to be used as part of the optimization program. The goal of the simultaneous feasibility determination shall be to ensure that there are sufficient revenues from Transmission Congestion Charges to satisfy all Financial Transmission Rights obligations for the auction period under expected conditions and to ensure that there are sufficient revenues from the Annual Financial Transmission Right Auction to satisfy all Auction Revenue Rights obligations.

The SFT analysis has resulted in the below transmission outages to be modeled in the 2024/2025 Annual ARR Allocation and FTR Auction.

2024/2025 Annual ARR/FTR Outages						
Zone	Facility Name	Type	Modeled Period	Scheduled Start Day	Scheduled End Day	
AE	CARLLS 69 KV CAR-SHE	LINE	All	4/15/2025	5/21/2025	
AE	MICKLETO230 KV MICK #1	XFRM	All	9/23/2024	1/17/2025	
AE	MONR AE 69 KV MON-VINE	LINE	All	4/16/2025	5/20/2025	
AE	NEWPORT 69 KV NEW-SML	LINE	All	9/17/2024	5/22/2025	
AE	SECONDST69 KV SEC-SHE2	LINE	All	9/4/2024 4/15/2025	11/6/2024 5/21/2025	
AE	SHERMAN 138 KV SHER #2	XFRM	All	4/15/2025	5/21/2025	
AEP-AP	BROADFO2500 KV BRO-SUL	LINE	All	3/17/2025 4/29/2025	3/20/2025 5/23/2025	
AEP-AP	BROADFO2765 KV T6	XFRM	All	3/17/2025 4/29/2025	3/20/2025 5/23/2025	
AEP-AP	CLOVERD2345 KV 3	XFRM	All	9/17/2024	11/21/2024	
AEP-AP	DANVILLE138 KV DAN-EDA1	LINE	All	9/17/2024	12/19/2024	
AEP-AP	KAMMER2 765 KV .200	XFRM	All	10/7/2024	10/25/2024	
AEP-AP	KENNA 138 KV KEN-SISS	LINE	All	12/12/2024	10/9/2025	
AEP-AP	KINCAIDA138 KV 1-P	XFRM	All	8/5/2024	12/19/2024	
AEP-AP	MEADOWVI138 KV TR2	XFRM	All	3/3/2025	6/11/2025	
AEP-AP	NBLACKSB138 KV TR1	XFRM	All	6/3/2024	8/8/2024	
AEP-AP	RIDGEWAY138 KV RID-DAN1	LINE	All	9/17/2024	12/3/2024	
AEP-AP	SPORNAEP345 KV SPO-TRI	LINE	All	3/17/2025	6/5/2025	
AEP-AP	TRISTATE345 KV 2	XFRM	All	3/17/2025	6/5/2025	
AEP-IM	ALLENIM 138 KV ALL-HARP	LINE	All	8/16/2022	12/29/2024	
AEP-IM	BENTONHA138 KV BEN-RIV1	LINE	All	8/28/2024	11/6/2024	
AEP-IM	BENTONHA138 KV BEN-WES1	LINE	All	8/1/2024	9/11/2024	
AEP-IM	CONCORD 138 KV CON-TWI	LINE	All	1/13/2025	5/1/2025	
AEP-IM	DUMONT2 345 KV DUM-ELD	LINE	All	10/7/2024 11/6/2024	10/11/2024 1/15/2025	
AEP-IM	DUMONT2 765 KV T2	XFRM	All	11/6/2024	1/15/2025	
AEP-IM	EUGENE 345 KV EUG-BUN1	LINE	All	12/2/2024	2/20/2025	
AEP-IM	GUARDIAN138 KV GUA-TWI1	LINE	All	1/13/2025	5/1/2025	
AEP-IM	HADLEY 69 KV HAD-IND	LINE	All	4/2/2024	9/5/2024	
AEP-IM	HODGIN 138 KV HOD-RAN1	LINE	All	4/15/2024	10/31/2024	

2024/2025 Annual ARR/FTR Outages						
Zone	Facility Name	Type	Modeled Period	Scheduled Start Day	Scheduled End Day	
AEP-IM	ILLINOIS138 KV ILL-IND1	LINE	All	8/1/2024	9/5/2024	
AEP-IM	INDUSTRI138 KV IND-MCK1	LINE	All	8/1/2024	9/5/2024	
AEP-IM	INDUSTRI138 KV X1-P	XFRM	All	4/2/2024	9/5/2024	
AEP-IM	INDUSTRI34 KV X1-T	XFRM	All	4/2/2024	9/5/2024	
AEP-IM	INDUSTRI69 KV X1-S	XFRM	All	4/2/2024	9/5/2024	
AEP-IM	LINCOLN2138 KV LIN-ROB1	LINE	All	7/12/2022	12/29/2024	
AEP-IM	MADISON 138 KV MAD-MEA1	LINE	All	9/30/2024	1/31/2025	
AEP-IM	MEADOW 138 KV 1	XFRM	All	9/30/2024	1/31/2025	
AEP-IM	MEADOW 138 KV MEA-PEN1	LINE	All	9/30/2024	1/31/2025	
AEP-IM	PIPECREE138 KV PIP-STR	LINE	All	1/22/2024	8/30/2024	
AEP-IM	REED 138 KV REE-ROB1	LINE	All	9/16/2024	12/19/2024	
AEP-IM	REED 138 KV REE-TRI1	LINE	All	9/11/2024 3/10/2025	12/19/2024 4/30/2025	
AEP-IM	STUBYROA69 KV STU-STU1	LINE	All	10/9/2024 11/8/2024	10/9/2024 2/7/2025	
AEP-IM	STURGIS 69 KV STU-HOW1	LINE	All	10/8/2024 11/18/2024	10/8/2024 2/7/2025	
AEP-OH	ACADEMIA138 KV ACA-MIL1	LINE	All	6/3/2024	1/8/2025	
AEP-OH	ASTOR 138 KV AST-EBR1	LINE	All	8/28/2024	12/17/2024	
AEP-OH	BADGRAEP138 KV BAD-CORR	LINE	All	12/11/2024	3/4/2025	
AEP-OH	BEATTY 345 KV BEA-CHEN	LINE	All	6/3/2024	8/1/2024	
AEP-OH	BELLRIDG138 KV BEL-DVLA	LINE	All	1/3/2024	2/1/2025	
AEP-OH	BRICE 138 KV BRI-REFU	LINE	All	12/18/2024	8/19/2025	
AEP-OH	BRIDGEV2138 KV BRI-GMC1	LINE	All	4/17/2024	12/17/2024	
AEP-OH	CANALAE138 KV CAN-CYPR	LINE	All	9/20/2024	12/11/2024	
AEP-OH	CANNELVI138 KV CAN-PHI	LINE	All	11/16/2023 11/11/2024	10/22/2024 12/11/2024	
AEP-OH	CARROLLT138 KV CAR-GAB	LINE	All	8/4/2023	12/2/2024	
AEP-OH	CONESVIL345 KV CON-COR1	LINE	All	5/1/2024 12/16/2024 3/18/2025	9/4/2024 12/20/2024 4/28/2025	
AEP-OH	CROOKSVI138 KV CRO-ISAB	LINE	All	12/2/2024	6/1/2025	
AEP-OH	CROOKSVI138 KV CRO-SLA1	LINE	All	2/24/2025	5/29/2025	
AEP-OH	CYPRUS 138 KV CYP-PAR1	LINE	All	9/27/2024	12/3/2024	
AEP-OH	CYPRUS 138 KV CYP-PAR2	LINE	All	9/20/2024	12/11/2024	
AEP-OH	EASTTOWN138 KV EAS-ROC1	LINE	All	5/29/2024 9/18/2024	6/11/2024 12/17/2024	
AEP-OH	EBERSOLE138 KV EBE-FOS1	LINE	All	11/5/2024 4/14/2025	2/13/2025 4/18/2025	
AEP-OH	EBERSOLE138 KV EBE-FOS2	LINE	All	9/17/2024 11/5/2024 4/14/2025	9/18/2024 2/13/2025 4/18/2025	
AEP-OH	EBROAD 138 KV EBR-YEA1	LINE	All	8/5/2024 9/9/2024	8/16/2024 11/15/2024	
AEP-OH	ELEIPSIC138 KV ELE-RIC1	LINE	All	7/26/2024 9/24/2024	8/9/2024 11/21/2024	

2024/2025 Annual ARR/FTR Outages					
Zone	Facility Name	Type	Modeled Period	Scheduled Start Day	Scheduled End Day
AEP-OH	ELEIPSIC138 KV TR3	XFRM	All	7/26/2024 9/24/2024	8/9/2024 11/21/2024
AEP-OH	ELIMA 138 KV ELI-HAV1	LINE	All	2/14/2024 9/18/2024	6/11/2024 10/1/2024
AEP-OH	FIFTHAVE138 KV FIF-WIL1	LINE	All	12/5/2024	2/13/2025
AEP-OH	GEORGEWA138 KV GEO-KAM	LINE	All	10/1/2024	5/29/2025
AEP-OH	GREENCHA138 KV GRE-INN1	LINE	All	4/30/2024	2/26/2025
AEP-OH	GREENCHA138 KV GRE-INN2	LINE	All	4/30/2024	2/26/2025
AEP-OH	GROVES 138 KV GRO-REF	LINE	All	12/18/2024	8/19/2025
AEP-OH	HILLSBOR138 KV HIL-SIN1	LINE	All	5/30/2024	9/25/2024
AEP-OH	MARYSVI2765 KV XF2	XFRM	All	9/18/2024	12/20/2024
AEP-OH	MILLWOO2138 KV MIL-WTR1	LINE	All	6/3/2024	1/8/2025
AEP-OH	NOTINGHA138 KV NOT-YAG1	LINE	All	9/4/2024	12/27/2024
AEP-OH	OHIOCENT138 KV OHI-WAKA	LINE	All	8/13/2024	2/27/2025
AEP-OH	REEDURBA138 KV REE-NEG1	LINE	All	9/16/2024	12/4/2024
AEP-OH	REFUGEE 138 KV REF-SHA1	LINE	All	9/11/2024	8/19/2025
AEP-OH	TIDD_AEP138 KV C-S	XFRM	All	2/13/2024	10/17/2024
AEP-OH	TIDD_AEP345 KV C-P	XFRM	All	2/13/2024	10/17/2024
AEP-OH	WDOVER 138 KV T1_XF	XFRM	All	8/26/2024	12/12/2024
APSS	502JCT 500 KV 502-KAM	LINE	All	10/7/2024	10/25/2024
APSS	ALBRIGHT138 KV ALB-MTZ	LINE	All	10/9/2024 11/11/2024	11/8/2024 12/11/2024
APSS	BELMONT 500 KV TRAN 2	XFRM	All	8/7/2024	8/29/2024
APSS	BLACKOAK500 KV TRAN 3	XFRM	All	9/16/2024 3/3/2025	10/4/2024 5/9/2025
APSS	CONNELSV138 KV CON-STO	LINE	All	11/4/2024 3/3/2025	11/20/2024 6/15/2025
APSS	FEAGANSM138 KV FEA-STO	LINE	All	10/7/2024	5/30/2025
APSS	FTMARTIN500 KV FTM-PRU	LINE	All	9/16/2024 3/31/2025	10/18/2024 6/1/2025
APSS	GLENFALL138 KV GLE-HAR	LINE	All	9/3/2024 1/6/2025	10/2/2024 7/5/2025
APSS	GORE APS138 KV GOR-STO	LINE	All	10/7/2024 4/7/2025	10/18/2024 5/30/2025
APSS	HARSNRES138 KV HAR-MAR2	LINE	All	1/6/2025	7/5/2025
APSS	HARSNRES138 KV HAR-ROB	LINE	All	1/6/2025	7/5/2025
APSS	HUNTINGD138 KV HUN-SPR	LINE	All	9/16/2024	12/31/2024
APSS	INWOOD 138 KV INW-STO	LINE	All	10/7/2024 4/7/2025	10/18/2024 5/30/2025
APSS	IRONBRID138 KV IRO-STO	LINE	All	9/16/2024	11/20/2024
APSS	KINGFARM138 KV KIN-STO	LINE	All	11/4/2024 11/26/2024	11/20/2024 12/19/2024
APSS	MEADOWBR500 KV TRAN 1	XFRM	All	9/16/2024	11/1/2024
APSS	NFRANKLI138 KV NFR-NPE	LINE	All	6/3/2024	7/3/2024
APSS	SBEND 500 KV SBE-YUK	LINE	All	5/27/2024	6/14/2024
APSS	SPRINGDA138 KV SPR-WYC	LINE	All	9/16/2024	12/31/2024

2024/2025 Annual ARR/FTR Outages					
Zone	Facility Name	Type	Modeled Period	Scheduled Start Day	Scheduled End Day
APSS	STEPHENS138 KV STE-STO	LINE	All	5/20/2024 10/7/2024 4/7/2025	6/15/2024 10/18/2024 5/30/2025
APSS	WYCOFF 138 KV WYC-YUK	LINE	All	9/16/2024	12/31/2024
BC	CALVERTC500 KV CAL-CHA	LINE	All	9/3/2024	9/24/2024
BC	COLONIAL115 KV COL-ROC2	LINE	All	6/18/2024 11/3/2024 12/2/2024 12/18/2024 3/3/2025 5/2/2025	6/22/2024 11/9/2024 12/2/2024 12/18/2024 3/3/2025 5/13/2025
BC	CONASTON230 KV CNS-NOR2	LINE	All	10/26/2024 4/13/2025	12/15/2024 6/2/2025
BC	CONASTON500 KV 500-4	XFRM	All	9/27/2024 10/15/2024 4/3/2025	9/29/2024 10/17/2024 5/11/2025
BC	ERDMAN 115 KV ERD-MON8	LINE	All	9/16/2024	11/22/2024
BC	ERDMAN 115 KV ERD-WIN2	LINE	All	9/16/2024	11/22/2024
BC	FIVEFORK115 KV FIV-ROC1	LINE	All	6/24/2024 7/8/2024 7/15/2024 7/22/2024 7/29/2024 8/5/2024 9/16/2024	6/28/2024 7/12/2024 7/19/2024 7/26/2024 8/2/2024 9/13/2024 12/19/2024
BC	FIVEFORK115 KV FIV-ROC2	LINE	All	6/18/2024 11/3/2024 12/2/2024 3/3/2025	6/22/2024 11/9/2024 12/18/2024 5/13/2025
BC	GOULDST 34 KV GOU-RIV2	LINE	All	9/4/2020	1/3/2025
BC	HIGHRIDG230 KV HIG-SAN1	LINE	All	8/1/2024	8/16/2024
BC	MONUMEST115 KV 110-1	XFRM	All	9/16/2024	11/22/2024
COMED	108 LOCK345 KV 10807	LINE	All	1/13/2025	3/6/2025
COMED	112 WILT345 KV 11613 3	LINE	All	9/17/2024	10/31/2024
COMED	112 WILT345 KV TR94CT-S	XFRM	All	9/24/2024 10/22/2024 11/5/2024 12/5/2024	9/30/2024 10/31/2024 11/11/2024 12/10/2024
COMED	112 WILT765 KV TR94CT-P	XFRM	All	9/24/2024 10/22/2024 11/5/2024 12/5/2024	9/30/2024 10/31/2024 11/11/2024 12/10/2024
COMED	120 LOMB345 KV 12004	LINE	All	12/30/2024 1/13/2025	1/2/2025 3/6/2025
COMED	135 ELMH138 KV TR84CT-S	XFRM	All	12/30/2024	3/6/2025
COMED	135 ELMH345 KV TR84CT-P	XFRM	All	12/30/2024	3/6/2025

2024/2025 Annual ARR/FTR Outages					
Zone	Facility Name	Type	Modeled Period	Scheduled Start Day	Scheduled End Day
COMED	174 UNIV138 KV 17401	LINE	All	10/14/2024	12/13/2024
COMED	37 NATOM138 KV 3705	LINE	All	1/14/2025	3/21/2025
COMED	46 DESPL138 KV TR83CT-S	XFRM	All	1/7/2025	4/10/2025
COMED	46 DESPL34.5 KV TR83CT-T	XFRM	All	1/7/2025	4/10/2025
COMED	46 DESPL345 KV TR83CT-P	XFRM	All	1/7/2025	4/10/2025
COMED	51 MC CO345 KV TR81CT_P	XFRM	All	1/18/2024	12/31/2025
COMED	51 MC CO345 KV TR83CT_P	XFRM	All	1/18/2024	12/31/2025
COMED	7615 138 KV 7615 6	LINE	All	2/3/2025	3/14/2025
COMED	77 MAZON138 KV 0108 2	LINE	All	9/9/2024	11/8/2024
COMED	78 FRANK138 KV P3705T38	XFRM	All	1/14/2025	3/21/2025
COMED	78 FRANK138 KV TR76 34	XFRM	All	1/14/2025	2/21/2025
COMED	78 FRANK138 KV Z3705T38	XFRM	All	1/14/2025	3/21/2025
COMED	79 SPAUL138 KV 7901	LINE	All	9/16/2024 11/11/2024	10/11/2024 11/15/2024
COMED	79 SPAUL138 KV 7910 1	LINE	All	9/16/2024 11/11/2024	10/11/2024 11/15/2024
COMED	79 SPAUL138 KV TR76 34	XFRM	All	9/16/2024	11/15/2024
COMED	K320 138 KV 8604 5	LINE	All	7/15/2021	12/31/2024
DAYTON	09AMSTRD138 KV AMS-WMOU	LINE	All	12/21/2022	12/17/2025
DAYTON	09SIDNEY138 KV 09S1-MIL	LINE	All	7/11/2024	9/12/2024
DAYTON	CLAY 345 KV CLA-CLIN	LINE	All	3/3/2025 4/15/2025	3/31/2025 6/2/2025
DAYTON	FAYETTE2345 KV FAY-MAD2	LINE	All	5/27/2024	12/31/2024
DEOK	08ASHLD7138 KV ASH-OAK1	LINE	All	3/23/2021	12/31/2024
DEOK	BECKJORD138 KV BEC-08F1	LINE	All	9/16/2024 2/24/2025 4/28/2025	10/11/2024 3/14/2025 5/23/2025
DEOK	BUFFINGT345 KV 46	XFRM	All	11/13/2024	12/6/2024
DEOK	MIAMIFOR138 KV MIA-CLI1	LINE	All	7/8/2022 2/24/2025	12/31/2024 4/4/2025
DEOK	MIAMIFOR138 KV MIA-HEB	LINE	All	10/6/2024 11/4/2024 2/24/2025	10/11/2024 12/13/2024 5/1/2025
DEOK	MIAMIFOR345 KV MIA-WMI1	LINE	All	5/13/2024 8/12/2024	6/21/2024 8/16/2024
DEOK	MONTGMRY138 KV MON-08R1	LINE	All	12/6/2024 3/24/2025	12/13/2024 5/16/2025
DEOK	REDBANK 138 KV RED-OAK	LINE	All	3/23/2021	12/31/2024
DEOK	TODDHUNT345 KV 17	XFRM	All	9/29/2024	12/6/2024
DEOK	TRENTON2138 KV BK-8	XFRM	All	10/14/2024	11/8/2024
DEOK	TRENTON2138 KV HUS-TRE	LINE	All	9/30/2024 11/4/2024	10/17/2024 11/7/2024
DOM-C	CHANCELR500 KV 4	XFRM	All	9/16/2024	12/29/2024
DOM-C	CHANCELR500 KV 581	LINE	All	9/16/2024	12/29/2024
DOM-C	CHAPRLTP230 KV 249B	LINE	All	6/5/2024	6/8/2025

2024/2025 Annual ARR/FTR Outages					
Zone	Facility Name	Type	Modeled Period	Scheduled Start Day	Scheduled End Day
DOM-C	CHICKHOM500 KV 557A	LINE	All	9/16/2024 3/10/2025	12/20/2024 6/13/2025
DOM-C	CLOVER 500 KV 556B	LINE	All	1/23/2025	5/2/2025
DOM-C	CLOVER 500 KV TX7	XFRM	All	1/6/2025	5/2/2025
DOM-C	CLOVER 500 KV TX8	XFRM	All	1/23/2025	5/2/2025
DOM-C	CLOVER 500 KV TX9	XFRM	All	1/23/2025	5/2/2025
DOM-C	CRANESCR230 KV 2157A	LINE	All	12/1/2024	3/16/2025
DOM-C	FARMVILL230 KV TX5	XFRM	All	9/3/2024	11/14/2024
DOM-C	FOURRIVR115 KV 1008B	LINE	All	9/2/2024	11/1/2024
DOM-C	FRDRKSBG115 KV FRE-TRIA	LINE	All	12/1/2024	6/24/2025
DOM-C	HOPEWEL4230 KV 211A	LINE	All	2/28/2025	5/30/2025
DOM-C	HOPEWEL4230 KV 228A	LINE	All	2/28/2025	5/30/2025
DOM-C	KDOMINDP115 KV 1008A	LINE	All	9/2/2024	11/1/2024
DOM-C	LADYSMTH500 KV 568A	LINE	All	9/16/2024 3/29/2025	12/31/2024 5/9/2025
DOM-C	LADYSMTH500 KV 574A	LINE	All	9/16/2024 3/1/2025	12/31/2024 6/14/2025
DOM-C	LADYSMTH500 KV TX1	XFRM	All	9/16/2024	12/29/2024
DOM-C	LADYSMTH500 KV TX2	XFRM	All	9/16/2024	12/31/2024
DOM-C	LOCKS 230 KV 249A	LINE	All	6/5/2024	6/12/2025
DOM-C	NANNA4 500 KV RSS1	XFRM	All	7/8/2024	11/7/2024
DOM-C	NRTHNECK230 KV 224B	LINE	All	8/6/2023 9/9/2024	7/31/2024 12/10/2024
DOM-C	PIPELINE115 KV 63B	LINE	All	6/3/2024	8/12/2024
DOM-C	POE 230 KV 2002A	LINE	All	4/8/2024	6/28/2024
DOM-C	POE 230 KV TX4	XFRM	All	4/8/2024	6/28/2024
DOM-C	POE 230 KV TX6	XFRM	All	4/8/2024 7/8/2024	6/28/2024 8/9/2024
DOM-C	REAMSDP 115 KV 69C	LINE	All	6/1/2024	1/1/2026
DOM-C	SAPONY 115 KV 69B	LINE	All	6/1/2024	6/30/2025
DOM-C	SHACKLFD115 KV 85A	LINE	All	9/17/2024 4/15/2025	10/16/2024 5/13/2025
DOM-C	TWELFTHS115 KV TX2	XFRM	All	6/3/2024	8/12/2024
DOM-C	TYLER 230 KV 2003B1	LINE	All	4/8/2024	6/28/2024
DOM-E	BAYSIDE 115 KV 27A1	LINE	All	3/31/2025	9/30/2025
DOM-E	BURTON 115 KV 181B	LINE	All	11/14/2023	6/16/2026
DOM-E	FENTRES4500 KV 588A	LINE	All	10/31/2024 3/1/2025	11/21/2024 12/31/2025
DOM-E	FENTRES4500 KV TX1	XFRM	All	9/3/2024 3/1/2025	11/21/2024 12/31/2025
DOM-E	FENTRES4500 KV TX3	XFRM	All	6/6/2024 10/31/2024 3/1/2025	6/20/2024 11/21/2024 12/31/2025
DOM-E	OAKWOOD 115 KV 196A	LINE	All	9/11/2024	11/16/2024
DOM-E	OAKWOOD 115 KV TX1	XFRM	All	9/11/2024	11/16/2024
DOM-E	OAKWOOD 115 KV TX3	XFRM	All	9/11/2024	11/16/2024

2024/2025 Annual ARR/FTR Outages					
Zone	Facility Name	Type	Modeled Period	Scheduled Start Day	Scheduled End Day
DOM-E	SEPTA4 500 KV 579A1	LINE	All	3/1/2025	12/31/2025
DOM-E	THALIA 230 KV 2019A	LINE	All	10/3/2024	12/20/2024
DOM-E	THALIA 230 KV TX3	XFRM	All	10/3/2024	12/20/2024
DOM-N	AIRPORT 230 KV AIR-SAND	LINE	All	8/19/2024	10/18/2024
DOM-N	ARLINGTON230 KV 258A	LINE	All	10/21/2024	5/1/2025
DOM-N	BATTERYHT230 KV 2011B	LINE	All	9/16/2024 3/1/2025	12/15/2024 6/15/2025
DOM-N	BRAMBLET230 KV BRA-EVRG	LINE	All	1/12/2025	2/5/2025
DOM-N	BRISTERS115 KV 183D	LINE	All	9/16/2024 1/2/2025	11/24/2024 2/14/2025
DOM-N	BRISTERS230 KV 2101A	LINE	All	9/16/2024 1/2/2025	11/24/2024 2/7/2025
DOM-N	BRISTERS230 KV TX2	XFRM	All	9/16/2024 1/2/2025	11/24/2024 2/14/2025
DOM-N	BRISTERS500 KV 539	LINE	All	9/16/2024 12/17/2024	11/24/2024 12/18/2024
DOM-N	BRISTERS500 KV TX1	XFRM	All	9/16/2024 12/17/2024	11/24/2024 12/18/2024
DOM-N	CLARK4 230 KV TX2	XFRM	All	9/4/2024	12/20/2024
DOM-N	CLIFTON 500 KV TX1	XFRM	All	9/16/2024	12/15/2024
DOM-N	DULLES 230 KV TX1	XFRM	All	8/26/2024	11/14/2024
DOM-N	DULLES 230 KV TX4	XFRM	All	8/26/2024	11/14/2024
DOM-N	ELKRUNDP230 KV ELK-ROLN	LINE	All	9/16/2024 3/17/2025	12/19/2024 6/20/2025
DOM-N	ENTRPRIS230 KV 2186A	LINE	All	8/26/2024	9/13/2024
DOM-N	GAINESVL230 KV 2151A1	LINE	All	9/17/2024 12/16/2024	12/5/2024 2/28/2025
DOM-N	GLEBE 230 KV 2036A1	LINE	All	10/21/2024	5/1/2025
DOM-N	GLEBE 230 KV GLE-POTO	LINE	All	10/21/2024	4/25/2025
DOM-N	GODWINDP115 KV 172C	LINE	All	7/1/2024 11/4/2024	8/15/2024 11/27/2024
DOM-N	IDYLWOO4230 KV 202A	LINE	All	9/4/2024	12/20/2024
DOM-N	IDYLWOO4230 KV IDY-TYS1	LINE	All	9/4/2024	12/20/2024
DOM-N	KEENMILL230 KV 266D	LINE	All	9/16/2024 5/1/2025	12/19/2024 6/15/2025
DOM-N	LOMARDP 115 KV 172D	LINE	All	11/4/2024 2/18/2025	11/27/2024 3/7/2025
DOM-N	MOOREDP 230 KV 2063B	LINE	All	9/16/2024	12/19/2024
DOM-N	PENDER 230 KV 2051A	LINE	All	9/16/2024	12/15/2024
DOM-N	POLANDRD230 KV 2183A	LINE	All	9/23/2024 1/12/2025	10/11/2024 2/5/2025
DOM-N	POSSUMP4500 KV TX1	XFRM	All	9/16/2024 3/1/2025	12/31/2024 6/14/2025
DOM-N	PRINCWIL230 KV 2011C	LINE	All	9/16/2024	12/15/2024
DOM-N	RESTON 230 KV 2010A	LINE	All	5/31/2024	12/15/2024

2024/2025 Annual ARR/FTR Outages

Zone	Facility Name	Type	Modeled Period	Scheduled Start Day	Scheduled End Day
DOM-N	WOODBRGE230 KV 2001A	LINE	All	10/31/2024 5/19/2025	12/31/2024 6/14/2025
DOM-N	WOODBRGE230 KV 215B	LINE	All	10/31/2024 5/19/2025	12/31/2024 6/14/2025
DOM-S	BETHELCA115 KV 105A	LINE	All	11/21/2024	4/2/2025
DOM-S	CAROLINA230 KV 2141	LINE	All	7/15/2024	8/13/2024
DOM-S	DARLNGTN115 KV 81D2	LINE	All	12/17/2024	11/29/2025
DOM-S	DAWSONCR115 KV DAW-SCOT	LINE	All	10/9/2024 4/29/2025	11/7/2024 5/28/2025
DOM-S	ELIZBETH230 KV 2021A	LINE	All	9/3/2024	4/25/2025
DOM-S	HATHAWAY230 KV 2056A1	LINE	All	4/29/2024 9/5/2024	6/17/2024 10/28/2024
DOM-S	MAPLTNDP115 KV 108C	LINE	All	1/6/2025	7/31/2025
DOM-W	CLIFTNFG138 KV TX3	XFRM	All	6/3/2024	8/9/2024
DOM-W	CLIFTNFG138 KV TX4	XFRM	All	6/3/2024	8/9/2024
DOM-W	CLIFTNFG138 KV TX6	XFRM	All	6/3/2024	8/9/2024
DOM-W	CLIFTNFG230 KV 2052A	LINE	All	6/3/2024	8/9/2024
DOM-W	CLIFTNFG230 KV TX2	XFRM	All	6/3/2024	8/9/2024
DOM-W	ENDCAVRN230 KV TX5	XFRM	All	3/20/2025	10/6/2025
DOM-W	HARRSNBG230 KV TX6	XFRM	All	3/3/2025 3/31/2025	3/28/2025 7/31/2025
DOM-W	JAMESLEE115 KV 26A	LINE	All	10/14/2024	5/30/2025
DOM-W	PROFITDP230 KV 2054AC	LINE	All	1/6/2025 4/28/2025	2/4/2025 5/28/2025
DOM-W	SDRAFTDP115 KV 117F	LINE	All	9/16/2024 3/3/2025	10/15/2024 4/1/2025
DOM-W	SHERWOOD115 KV 91C	LINE	All	12/2/2024	1/30/2025
DOM-W	SKIMMER4115 KV 141A	LINE	All	3/5/2024	5/30/2025
DOM-W	STAUNTON230 KV 293	LINE	All	7/8/2024	8/22/2025
DOM-W	TRIMBLDP115 KV 83B	LINE	All	3/10/2025	8/22/2025
DPL	AIREY 69 KV AIR-VNL	LINE	All	9/4/2024 9/9/2024 9/15/2024 3/3/2025	9/6/2024 9/13/2024 12/20/2024 4/25/2025
DPL	CEDARCRE138 KV CED-CLA	LINE	All	9/9/2024	11/15/2024
DPL	CHESWOLD138 KV AT1	XFRM	All	12/2/2024	12/20/2024
DPL	CHESWOLD69 KV CHE-KEN	LINE	All	12/2/2024	12/20/2024
DPL	NELSON 138 KV NEL-VIE	LINE	All	7/22/2024 7/29/2024 8/5/2024 8/12/2024 8/19/2024 8/26/2024 9/3/2024 9/9/2024	7/26/2024 8/2/2024 8/9/2024 8/16/2024 8/23/2024 8/30/2024 9/6/2024 5/28/2025
DPL	STEELE 230 KV STE-VIE	LINE	All	4/7/2025	5/6/2025

2024/2025 Annual ARR/FTR Outages

Zone	Facility Name	Type	Modeled Period	Scheduled Start Day	Scheduled End Day
DPL	VIENNA 230 KV AT20	XFRM	All	4/7/2025	5/6/2025
DPL	VIENNA 69 KV VIE-VNL1	LINE	All	9/4/2024 9/9/2024 9/15/2024 3/3/2025	9/6/2024 9/13/2024 12/20/2024 4/25/2025
DUQU	BRUNOTIS138 KV BRU-MON	LINE	All	9/16/2024	6/1/2025
DUQU	BRUNOTIS138 KV BRU-NEV	LINE	All	9/16/2024	6/1/2025
DUQU	BRUNOTIS138 KV TR1	XFRM	All	9/16/2024 11/4/2024	10/31/2024 12/19/2024
DUQU	CHESWICK138 KV CHE-PLU	LINE	All	9/16/2024	12/31/2024
DUQU	CLIN DUQ138 KV CLI-FIN	LINE	All	9/16/2024	2/1/2025
DUQU	FORBES 138 KV FOR-OAK	LINE	All	9/15/2024	2/16/2025
DUQU	NEVILLE 138 KV NEV-NEV	LINE	All	9/16/2024	6/1/2025
DUQU	NEVILTAP138 KV NEV-SEW	LINE	All	9/16/2024	6/1/2025
EKPC	BIGBONE 69 KV BIG-BOON	LINE	All	3/18/2024	7/12/2024
EKPC	BTYVLJCT161 KV BTY-DELV	LINE	All	9/9/2024	11/15/2024
EKPC	BTYVLJCT161 KV BTY-MILL	LINE	All	9/9/2024	11/15/2024
EKPC	BULITSVL69 KV BUL-HEBR	LINE	All	3/25/2024	7/31/2024
EKPC	CHARTERS69 KV CHA-GODD	LINE	All	6/12/2023	9/6/2024
EKPC	CLAYVILL69 KV CLA-DEFO	LINE	All	3/4/2024	10/10/2024
EKPC	DUNCANLN69 KV DUN-FAW	LINE	All	1/22/2024	8/15/2024
EKPC	HEADQTRS69 KV HEA-SNOW	LINE	All	10/1/2024	5/9/2025
EKPC	SHELBYCO69 KV SHE-SHLC	LINE	All	3/4/2025	5/31/2025
FECL	JENNING 138 KV JEN-LTV7	LINE	All	1/24/2020	12/31/2025
FECL	MAYFLD 138 KV 04M-PAW1	LINE	All	9/17/2024	11/19/2024
FECL	MAYFLD 138 KV 04M-PAW2	LINE	All	9/16/2024	11/18/2024
FEOE	02HAMILT138 KV 02H-02D1	LINE	All	10/7/2024 1/6/2025 2/17/2025	11/15/2024 2/14/2025 3/28/2025
FEOE	AETNA 138 KV AET-EVAN	LINE	All	6/24/2024 10/1/2024 11/10/2024	7/24/2024 10/30/2024 11/15/2024
FEOE	BEAVER 345 KV TR1	XFRM	All	9/23/2024	12/6/2024
FEOE	CARLISLE138 KV CAR-02L1	LINE	All	7/15/2024 9/2/2024	8/13/2024 11/29/2024
FEOE	CRISS 138 KV CRI-ROBE	LINE	All	11/18/2024 2/17/2025	12/13/2024 3/28/2025
FEOE	ELWODOE 138 KV ELW-MAS1	LINE	All	9/17/2024 12/5/2024	10/28/2024 12/6/2024
FEOE	GALION 138 KV GAL-MAR1	LINE	All	10/7/2024 11/18/2024 1/6/2025 2/17/2025 3/31/2025	11/15/2024 12/13/2024 2/14/2025 3/28/2025 5/23/2025
FEOE	JOHNSOFE138 KV JOH-FIE1	LINE	All	7/15/2024 9/2/2024	8/13/2024 11/29/2024

2024/2025 Annual ARR/FTR Outages					
Zone	Facility Name	Type	Modeled Period	Scheduled Start Day	Scheduled End Day
FEOE	MASURY 138 KV TB3	XFRM	All	9/17/2024 12/5/2024	10/28/2024 12/6/2024
FEOE	NEWSTACY138 KV NEW-NOT	LINE	All	9/3/2024	12/26/2024
FEOE	POLOTAP 138 KV POL-WAS	LINE	All	2/3/2025	5/29/2025
FEOE	ROBERTOE138 KV ROB-02D1	LINE	All	11/18/2024 2/17/2025	12/13/2024 3/28/2025
FEOE	ROBERTOE138 KV ROB-MAR1	LINE	All	11/18/2024 2/17/2025	12/13/2024 3/28/2025
FEOE	SALTSPRG138 KV SAL-MAS1	LINE	All	9/16/2024 9/23/2024 10/29/2024 12/9/2024	9/16/2024 10/18/2024 12/4/2024 12/12/2024
FEOE	SAMMISFE345 KV SAM-STA1	LINE	All	9/23/2024 3/3/2025	11/8/2024 4/25/2025
FEP A	CAMPREY169 KV CMP-SHA	LINE	All	10/1/2024	11/26/2024
FEP A	HERMITAG69 KV HER-SHA	LINE	All	10/1/2024	11/26/2024
FEP A	HOYTDAL2345 KV 1	XFRM	All	10/11/2024	12/20/2024
FEP A	MERCERFE69 KV MER-SHA	LINE	All	10/1/2024	11/26/2024
FEP A	SHARON 138 KV TR 3	XFRM	All	10/1/2024 3/3/2025	11/26/2024 4/30/2025
FEP A	SHARON 138 KV TR2	XFRM	All	10/1/2024 3/3/2025	11/26/2024 4/30/2025
FEP A	SHARON 69 KV SHA-WMID	LINE	All	10/1/2024	11/26/2024
FEP A	SHARON 69 KV SHA-Y29	LINE	All	10/1/2024	11/26/2024
FEP A	SHENANGO138 KV SHE-MAS1	LINE	All	9/17/2024 12/5/2024	10/28/2024 12/6/2024
FETE	02ANGOLA138 KV 02A-VUL1	LINE	All	11/4/2024 1/13/2025	12/13/2024 2/14/2025
FETE	02WENTWT138 KV 02W-VUL1	LINE	All	11/4/2024 1/13/2025	12/13/2024 2/14/2025
FETE	VULCANTP138 KV VUL-VUL1	LINE	All	11/4/2024 1/13/2025	12/13/2024 2/14/2025
JC-N	TEWKSBRY230 KV MOR-TEW	LINE	All	11/25/2024 4/15/2025	1/3/2025 6/13/2025
JC-N	WWHARTON230 KV BK 3	XFRM	All	12/2/2024	12/20/2024
JC-N	WWHARTON230 KV BK_1	XFRM	All	12/2/2024	12/20/2024
JC-S	NEJESCO 230 KV NEJ-SAY	LINE	All	9/22/2024 10/13/2024 11/4/2024	10/6/2024 11/2/2024 12/6/2024
JC-S	NEJESCO 230 KV NEJ-WER	LINE	All	9/21/2024 11/4/2024	11/2/2024 12/6/2024
JC-S	WIND JC 230 KV BK 1TR	XFRM	All	3/3/2025	5/16/2025
LGEE	BEATTYVL161 KV BEA-BTYV	LINE	All	9/9/2024	11/15/2024
LGEEFL	LIBERTYU69 KV LIB-PEYT	LINE	All	6/3/2024	6/6/2025
ME	BAIR 115 KV BAI-HIL	LINE	All	9/17/2024	12/4/2024

2024/2025 Annual ARR/FTR Outages

Zone	Facility Name	Type	Modeled Period	Scheduled Start Day	Scheduled End Day
ME	CATTRACT115 KV CAT-PLV	LINE	All	3/3/2025 3/31/2025	3/28/2025 5/16/2025
ME	CATTRACT115 KV CAT-WHI	LINE	All	3/3/2025 3/31/2025	3/28/2025 5/16/2025
ME	FOXHILL 230 KV FOX-SHA	LINE	All	2/10/2025	10/24/2025
ME	GARDNERS115 KV GAR-TEX	LINE	All	10/21/2024	11/15/2024
ME	HILL 115 KV HIL-JOH	LINE	All	9/16/2024	12/18/2024
ME	HUNTERST500 KV HUN-VIN	LINE	All	10/28/2024 3/31/2025	11/29/2024 5/9/2025
ME	MIDDLJCT230 KV MID-SLE	LINE	All	10/7/2024 3/5/2025	11/7/2024 5/2/2025
ME	NORTHWOO115 KV NOR-NOR4	LINE	All	9/17/2024 11/13/2024 3/4/2025	9/17/2024 12/10/2024 4/28/2025
ME	NORTHWOO230 KV 6 BANK	XFRM	All	9/17/2024 11/13/2024 3/4/2025	9/17/2024 12/10/2024 4/28/2025
ME	NORTHWOO230 KV NOR-QUA	LINE	All	9/17/2024 11/13/2024	9/17/2024 12/10/2024
ME	SLEBANON230 KV 2BANK	XFRM	All	10/7/2024 3/5/2025	11/7/2024 5/2/2025
ME	SMITHJCT115 KV SMI-SMI	LINE	All	9/16/2024 12/30/2024 4/8/2025	11/15/2024 12/31/2024 4/25/2025
PE	CIVIC 69 KV CIV-UNIV	LINE	All	10/31/2024	12/15/2024
PE	ELROY 500 KV ELR-ELR	LINE	All	10/28/2024	12/20/2024
PE	MASTER 230 KV MAS-PAR	LINE	All	9/30/2024 3/31/2025 5/3/2025	10/13/2024 4/11/2025 5/23/2025
PE	PARRISH 230 KV PAR 2TR	XFRM	All	9/30/2024 3/31/2025 5/3/2025	10/13/2024 4/11/2025 5/23/2025
PE	SCHUYLKI69 KV SCH-UNI	LINE	All	10/19/2024	12/15/2024
PE	UNIVERSI69 KV 3TR	XFRM	All	10/19/2024	12/15/2024
PEP	22ST 69 KV 22S-TAK7	LINE	All	8/2/2024	10/31/2024
PEP	22ST 69 KV 2T	XFRM	All	8/2/2024	10/31/2024
PEP	BOWIE 230 KV BOW-BUR3	LINE	All	4/29/2024	8/16/2024
PEP	BRIGHTON230 KV BRI-BUR3	LINE	All	4/29/2024	8/16/2024
PEP	BRIGHTON500 KV BRI-DOU	LINE	All	11/4/2024	11/22/2024
PEP	BURTONSV230 KV BUR-MET6	LINE	All	4/29/2024	8/16/2024
PEP	BURTONSV230 KV BUR-SAN1	LINE	All	8/1/2024	8/16/2024
PEP	CHMPLN 69 KV 6T	XFRM	All	8/2/2024	10/31/2024
PEP	CHMPLN 69 KV CHA-TAK2	LINE	All	8/2/2024	10/31/2024
PEP	METZTAP 230 KV 163-3T	XFRM	All	4/29/2024	8/16/2024
PEP	METZTAP 230 KV MET-TAK0	LINE	All	4/29/2024	8/16/2024
PEP	PALMERS 230 KV 084-1T	XFRM	All	11/2/2020	12/31/2025

2024/2025 Annual ARR/FTR Outages					
Zone	Facility Name	Type	Modeled Period	Scheduled Start Day	Scheduled End Day
PEP	TAKOMA 230 KV 027-5T	XFRM	All	4/29/2024	8/16/2024
PEP	TAKOMA 230 KV 027-7T	XFRM	All	4/29/2024	8/16/2024
PL-N	ELIMSPOR230 KV ELM-SAE	LINE	All	5/1/2024 5/28/2025	11/21/2024 6/20/2025
PL-N	FRACKVIL230 KV 2	XFRM	All	9/16/2024	5/9/2025
PL-N	FRACKVIL230 KV 3	XFRM	All	10/1/2024 12/26/2024 1/29/2025	10/3/2024 1/16/2025 2/12/2025
PL-N	FRACKVIL69 KV FRA-HIGH	LINE	All	9/16/2024 12/26/2024 3/3/2025	9/27/2024 1/28/2025 3/18/2025
PL-N	HARWOOD 230 KV HAR-SIE	LINE	All	9/16/2024	3/19/2025
PL-N	HUMMELSW69 KV HUM-SUNB	LINE	All	7/29/2024 8/26/2024 3/17/2025	8/23/2024 12/20/2024 11/21/2025
PL-N	LACKAWAN230 KV LAC-SUM1	LINE	All	3/1/2024	6/14/2024
PL-N	LACKAWAN230 KV LAC-SUM2	LINE	All	5/17/2024 6/17/2024	6/14/2024 8/16/2024
PL-S	BERKS 230 KV BER-SLE	LINE	All	3/3/2025 4/1/2025	3/4/2025 6/4/2025
PL-S	BERKS 230 KV TRAN3	XFRM	All	4/1/2025	5/2/2025
PL-S	BRNGSVIL138 KV TX4	XFRM	All	6/3/2024	7/2/2024
PL-S	BRNGSVIL500 KV TX2	XFRM	All	6/3/2024	7/2/2024
PL-S	CHERRYHI69 KV CHE-MTBE	LINE	All	10/21/2024	3/14/2025
PL-S	CHERRYHI69 KV CHE-NAZ1	LINE	All	10/21/2024	3/14/2025
PL-S	DAUPHIN 230 KV 2	XFRM	All	9/16/2024	12/30/2024
PL-S	DAUPHIN 230 KV DAU-JUN	LINE	All	9/16/2024	12/30/2024
PL-S	JUNIATA 230 KV 4	XFRM	All	9/3/2024	11/25/2024
PL-S	MILLWDPL230 KV MIL-SAK	LINE	All	6/17/2024 9/2/2024 11/4/2024 4/21/2025	7/26/2024 10/4/2024 3/21/2025 5/23/2025
PL-S	MILLWDPL230 KV T1	XFRM	All	6/17/2024 9/2/2024 11/4/2024 4/21/2025	7/26/2024 10/4/2024 3/21/2025 5/23/2025
PL-S	S WHI 138 KV SWH-WES1	LINE	All	9/3/2024 11/11/2024	10/5/2024 12/21/2024
PN	ALTOONA 230 KV T1	XFRM	All	9/17/2024	12/5/2024
PN	CARL PN 115 KV CAR-GAR	LINE	All	6/1/2024 10/1/2024 10/21/2024 11/18/2024 12/9/2024	6/2/2024 10/18/2024 11/15/2024 12/6/2024 12/13/2024
PN	ETOWANDA115 KV ETO-NME	LINE	All	9/16/2024	12/31/2024

2024/2025 Annual ARR/FTR Outages					
Zone	Facility Name	Type	Modeled Period	Scheduled Start Day	Scheduled End Day
PN	HILLVALL115 KV HIL-SHA	LINE	All	11/4/2024 12/9/2024	11/22/2024 12/20/2024
PN	REEDSSS 115 KV REE-SHA	LINE	All	10/21/2024 12/9/2024	11/1/2024 12/20/2024
PN	ROXBURY 115 KV ROX-SHA	LINE	All	9/16/2024 10/7/2024 12/9/2024	9/27/2024 11/5/2024 12/20/2024
PN	SHADEGAP115 KV SHA-THR	LINE	All	11/25/2024 12/9/2024	12/6/2024 12/20/2024
PS-N	BRANCHBU500 KV BRA-ELR	LINE	All	10/28/2024	12/20/2024
PS-N	DEANS 230 KV DEA-MIN1	LINE	All	9/15/2024	10/15/2024
PS-N	DEANS 500 KV DEA-EWI	LINE	All	1/6/2025 2/10/2025	2/5/2025 3/16/2025
PS-N	HUDSON 345 KV 345-1	XFRM	All	1/15/2018	12/31/2030
PS-N	LINDEN 230 KV LIN-MINR	LINE	All	9/15/2024	10/15/2024
PS-S	HOPECREE230 KV HOP-SIL	LINE	All	9/9/2024	10/4/2024
PS-S	HOPECREE500 KV 500-1	XFRM	All	9/9/2024	10/4/2024
PS-S	LAWRENCE230 KV 3TR	XFRM	All	1/2/2025	5/15/2025
SENY	FARRAGUT345 KV FAR-HUDB	LINE	All	1/15/2018	12/31/2030
SENY	FARRAGUT345 KV FAR-MAR	LINE	All	1/15/2018	12/31/2030
SENY	FARRAGUT345 KV FAR-MAR2	LINE	All	1/15/2018	12/31/2030