

Upgrade ID	Description	Cost Estimate (\$M)	Trans Owner	Cost Responsibility	Required IS Date
b2826.1	Install 300 MVAR reactor at Ohio Central 345 kV substation	\$5.00	AEP	AEP	6/1/2018
b2826.2	Install 300 MVAR reactor at West Bellaire 345 kV substation	\$5.00	AEP	AEP	6/1/2018
b2839	Replace the Sickler 69kV 'H' breaker with 63kA breaker	\$0.32	AEC	AEC	6/1/2019
b2840	Replace the Sickler 69kV 'M' breaker with 63kA breaker	\$0.32	AEC	AEC	6/1/2019
b2841	Replace the Sickler 69kV 'A' breaker with 63kA breaker	\$0.32	AEC	AEC	6/1/2019
b2842	Update the nameplate for Mount Storm 500kV "57272" to be 50kA breaker	\$0.00	Dominion	Dominion	6/1/2019
b2843	Replace the Mount Storm 500kV "G2TY" with 50kA breaker	\$0.90	Dominion	Dominion	6/1/2019
b2844	Replace the Mount Storm 500kV "G2TZ" with 50kA breaker	\$0.90	Dominion	Dominion	6/1/2019
b2845	Update the nameplate for Mount Storm 500kV "G3TSX1" to be 50kA breaker	\$0.00	Dominion	Dominion	6/1/2019
b2846	Update the nameplate for Mount Storm 500kV "SX172" to be 50kA breaker	\$0.00	Dominion	Dominion	6/1/2019
b2847	Update the nameplate for Mount Storm 500kV "Y72" to be 50kA breaker	\$0.00	Dominion	Dominion	6/1/2019
b2848	Replace the Mount Storm 500kV "Z72" with 50kA breaker	\$0.90	Dominion	Dominion	6/1/2019
b2850	Replace the Waneeta 230kV "285" with 63kA breaker	\$0.38	PECO	PECO	6/1/2019
b2851	Replace the Eddystone 230kV "305" & "405" with 63kA breaker	\$0.75	Exelon Generation	Exelon Generation	6/1/2019
b2852	Replace the Chichester 230kV "195" with 63kA breaker	\$0.38	PECO	PECO	6/1/2019
b2853	Replace the Eddystone 230kV "345" with 63kA breaker	\$0.37	Exelon Generation	Exelon Generation	6/1/2019
b2854	Replace the North Philadelphia 230kV "CS 775" with 63kA breaker	\$0.38	PECO	PECO	6/1/2019
b2855	Replace the North Philadelphia 230kV "CS 885" with 63kA breaker	\$0.38	PECO	PECO	6/1/2019
b2856	Replace the Parrish 230kV "CS 715" with 63kA breaker	\$0.38	PECO	PECO	6/1/2019
b2857	Replace the Parrish 230kV "CS 825" with 63kA breaker	\$0.38	PECO	PECO	6/1/2019
b2858	Replace the Parrish 230kV "CS 935" with 63kA breaker	\$0.38	PECO	PECO	6/1/2019
b2859	Replace the Plymouth Meeting 230kV "215" with 63kA breaker	\$0.38	PECO	PECO	6/1/2019
b2860	Replace the Plymouth Meeting 230kV "235" with 63kA breaker	\$0.38	PECO	PECO	6/1/2019
b2861	Replace the Plymouth Meeting 230kV "325" with 63kA breaker	\$0.38	PECO	PECO	6/1/2019
b2862	Replace the Grays Ferry 230kV "705" with 63kA breaker	\$0.38	PECO	PECO	6/1/2019
b2863	Replace the Grays Ferry 230kV "985" with 63kA breaker	\$0.38	PECO	PECO	6/1/2019
b2864	Replace the Grays Ferry 230kV "775" with 63kA breaker	\$0.38	PECO	PECO	6/1/2019
b2865	Replace Seward 115kV breaker "Jackson Road" with 63kA breaker	\$0.30	PENELEC	PENELEC	6/1/2019
b2866	Replace Seward 115kV breaker "Conemaugh N." with 63kA breaker	\$0.30	PENELEC	PENELEC	6/1/2019
b2867	Replace Seward 115kV breaker "Conemaugh S." with 63kA breaker	\$0.30	PENELEC	PENELEC	6/1/2019
b2868	Replace Seward 115kV breaker "No.8 Xfmr" with 63kA breaker	\$0.30	PENELEC	PENELEC	6/1/2019
b2869	Replace the Crossland 138 kV breaker "B-16" with a 40 kA breaker	\$0.25	ATSI	ATSI	6/1/2019
b2870	Build new 138/26 kV Newark GIS station in a building (layout #1A) located adjacent to the existing Newark Switch and demolish the existing Newark Switch	\$275.00	PSEG	PSEG	6/1/2017
b2871	Rebuild 230kV line #247 from Swamp to Suffolk (31 miles) to current standards with a summer emergency rating of 1047 MVA at 230kV.	\$31.00	Dominion	Dominion	12/30/2022
b2875	Relocate the Richland to Ridgeville 138KV line from Richland J bus to K, extend the K bus and install a new breaker.	\$1.70	ATSI	ATSI	6/1/2019
b2878	Upgrade the Clifty Creek 345 kV risers	\$0.10	AEP	AEP	6/1/2018
b2879.1	Replace wavetrapp at the Stuart 345 kV substation	\$0.90	Dayton	Dayton	6/1/2018
b2879.2	Reconductor EKPC portion of the Stuart - Spurlock 345 kV line	\$1.60	EKPC	EKPC	6/1/2018
b2896	Rebuild/Reconductor the Black River - Lorain 138 kV circuit	\$3.20	ATSI	ATSI	6/1/2021
b2897	Reconductor the Avon - Lorain 138 kV section and upgrade line drop at Avon	\$13.46	ATSI	ATSI	6/1/2021
b2898	Reconductor the Beaver - Black River 138kV) with 954Kcmil ACSS conductor and upgrade terminal equipment on both stations	\$19.97	ATSI	ATSI	6/1/2021