

Projected Formula Rate for AEP East subsidiaries in PJM

To be Effective January 1, 2021 through December 31, 2021
Docket No ER17-405

Pursuant to PJM OATT Attachment H-14A (Formula Rate Implementation Protocols), AEP has calculated its Projected Transmission Revenue Requirements (PTRR) for the Rate Year beginning January 1, 2021 through December 31, 2021. All the files pertaining to the PTRR are to be posted on the PJM website in PDF format. The first file provides the PTRR and rates for Network transmission service and Scheduling System Control and Dispatch Service (Schedule 1A), and the annual transmission revenue requirement for RTEP projects (Schedule 12). An informational filing will also be submitted to the FERC.

AEP network service rate will increase effective January 1, 2021 from \$38,726.59 per MW per year to \$45,887.72 per MW per year with the AEP annual revenue requirement increasing from \$871,336,638 to \$993,170,901.

The AEP Schedule 1A rate will be \$(0.0308) per MWh.

An annual revenue requirement of \$44,665,223.22 for RTEP projects (including true-up and interest) is to be collected under PJM Tariff Schedule 12. The RTEP Projected revenue requirement includes:

1. b0839 (Twin Branch) \$801,103
2. b0318 (Amos 765/138 kV Transformer) \$1,280,264
3. b0504 (Hanging Rock) \$743,708
4. b0570 (East Side Lima) \$232,941
5. b1034.1 (Torrey-West Canton) \$856,084
6. b1034.6 (138kV circuit South Canton Station) \$314,034
7. b1231 (West Moulton Station) \$956,908
8. b1465.2 (Rockport Jefferson 300 MVAR bank) \$62,031
9. b1465.3 (Rockport Jefferson 765 kV line) \$2,315,511
10. b1712.2 (Altavista-Leesville 138kV line) \$234,859
11. b1864.1 (OPCo Kammer 345/138 kV transformers) \$1,841,350
12. b1864.2 (West Bellaire-Brues 138 kV circuit) of \$109,344
13. b2020 (Rebuild Amos-Kanawha River) \$4,641,447
14. b2021 (APCo Kanawha River Gen Retirement Upgrades) \$257,583
15. b2017 (APCo Rebuild Sporn-Waterford Muskingum River 345kV line) \$1,627,346
16. b1659.14 (Ft. Wayne Relocate) \$133,042
17. b2048 (Tanners Creek-Transformer Replacement) \$87,583
18. b1818 (Expand the Allen Station) \$1,771,781
19. b1819 (Rebuild Robinson Park 138kV line corridor) \$399,656
20. b1465.4 (Switching imp at Sullivan Jefferson 765kV station) \$(75,179)
21. b2021 (OPCo 345/138kV Transformer) \$526,025
22. b2032 (Rebuild 138kV Elliott Tap-Poston) \$17,411
23. b1034.2 (Loop South Canton-Wayview) \$535,156

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- 24. b1034.7 (Replace circuit breakers Torrey/Wagenhals) \$668,687
- 25. b2018 (Loop Conesville-Bixby 345kV) \$1,106,997
- 26. b1032.4 (Loop the existing South Canton-Wayview 138kV circuit) \$188,942
- 27. b1666 (Build an 8 breaker 138kV station Fosteria-East Lima) \$481,195
- 28. b1957 (Terminate transformer #2 SW Lima) \$341,208
- 29. b1962 (Add four 765kV breakers Kammer) \$97,644
- 30. b2019 (Burger 345/138kV Station) \$1,077,946
- 31. b2017 (OPCo Reconductor Sporn-Waterford-Muskingum River) \$969,050
- 32. b1660 (Install 765/500 kV transformer Cloverdale) \$395,175
- 33. b1660.1 (Cloverdale Establish 500 kV station) \$3,429,036
- 34. b1663.2 (Jacksons-Ferry 765kV breakers) \$595,207
- 35. b1875 (138 kV Bradley to McClung upgrades) \$1,472,361
- 36. b1797.1 (Reconductor Cloverdale-Lexington 500 kV line) \$5,565,755
- 37. b1712.1 (Altavista-Leesville 138kV line) \$28,012
- 38. b1032.2 (Two 138kV outlets to Delano&Camp) \$209,443
- 39. b1818 (Expand Allen w/345/138kV xfmr) \$38,490
- 40. b2687.1 (Install a 450 MVAR SVC Jacksons Ferry 765kV Substation) \$7,765,344
- 41. b2687.2 (Reactor Replacement at Broadford) \$1,089,477
- 42. b1870 (Replace Ohio Central Tfmr) \$1,316
- 43. b1465.5 (Switching Imp at Sullivan Jefferson 765kV stations) \$72,745
- 44. b2831.1 (Upgrade Tanners Creek Miami Fort 345kV circuit) \$166,646
- 45. b2833 (Reconductor Maddox Creek East Lima 345kV circuit) \$(873,482)
- 46. b2230 (Amos Station retire 3 765kV reactors Amos-Hanging Rock) \$79,575
- 47. b2423 (Install a 300 MVAR reactor at AEP's Wyoming 765 kV station.) \$28,468