

Projected Formula Rate for

**AEP Appalachian Transmission Company, Inc.
AEP Indiana Michigan Transmission Company, Inc.
AEP Kentucky Transmission Company, Inc.
AEP Ohio Transmission Company, Inc.
AEP West Virginia Transmission Company, Inc.**

**To be Effective January 1, 2023
Docket No ER17-406**

Pursuant to Attachment H-20A (Formula Rate Implementation Protocols) in PJM Tariff, AEP has calculated its Projected Transmission Revenue Requirements (PTRR) to produce the Rates beginning January 1, 2023 through December 31, 2023. All the files pertaining to the PTRR are also posted on the PJM website in PDF format along with supporting workpapers. The first file provides the PTRR and rates for Network transmission service and Scheduling System Control and Dispatch Service, Schedule 1A.

AEP network service rate will increase effective January 1, 2023 from \$60,046.55 per MW per year to \$68,721.61 per MW per year with the AEP annual revenue requirement increasing from \$1,316,538,537 to \$1,492,434,149

The AEP Transmission Companies' Schedule 1A rate will be \$(0.0086) per MWh.

An annual revenue requirement of \$156,214,008 for RTEP projects (including true-up and interest) is to be collected under PJM Tariff Schedule 12. The RTEP Project revenue requirement includes:

1. b1465.4 (Rockport Jefferson) of \$760,535
2. b1465.2 (Rockport Jefferson-MVAR Bank) \$1,774,460
3. b2048 (Tanners Creek 345/138 kV transformer) \$684,377
4. b1818 (Expand the Allen station) \$7,305,972
5. b1819 (Rebuild Robinson Park) \$12,498,110
6. b1659 (Sorenson Add 765/345 kV transformer) \$6,631,516
7. b1659.13 (Sorenson Exp. Work 765kV) \$6,406,807
8. b1659.14 (Sorenson 14miles 765 line) \$7,978,307
9. b1465.1 (Add a 3rd 2250 MVA 765/345kV transformer Sullivan) \$4,206,175
10. b1465.5 (Sullivan Inst Baker 765kV tsfr) \$1,060,247
11. b0570 (Lima-Sterling) \$1,425,939
12. b1231 (Wapakoneta-West Moulton) \$460,418
13. b1034.1 (South Canton-Wagenhals-Wayview 138 kV) \$1,178,828
14. b1034.8 (South Canton Wagenhals Station) \$609,731
15. b1864.2 (West Bellaire-Brues 138 kV Circuit) \$151,636
16. b1870 (Ohio Central Transformer) \$969,800
17. b1032.2 (Two 138kV outlets to Delano/Camp Sherman) \$3,242,962

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18. b1034.2 (Loop existing South Canton-Wayview 138kV) \$933,876
19. b1034.3 (345/138kV 450 MVA transformer Canton Central) \$1,970,423
20. b2018 (Loop Conesville-Bixby 345 kV) \$1,946,617
21. b2021 (OHTCo - Add 345/138kV trans. Sporn, Kanawha & Muskingum River stations) \$3,078,280
22. b2032 (Rebuild 138kV Elliott Tap Poston line) \$548,505
23. b1032.1 (Construct new 345/138kV station Marquis-Bixby) \$4,183,281
24. b1032.4 (Install 138/69kV transformer Ross Highland) \$922,670
25. b1666 (Build 8 breaker 138kV station Fostoria-East Lima) \$2,740,233
26. b1957 (Terminate Transformer #2 SW Lima) \$1,109,434
27. b2019 (Establish Burger 345/138kV station) \$7,566,527
28. b2017 (OHTCo Rebuild Sporn-Waterford-Muskingum River) \$7,758,486
29. b1818 (Allen Station Expansion) \$423,117
30. b2833 (Reconductor Maddox Creed-East Lima 345kV circuit) \$3,750,412
31. b1661 (765kV circuit breaker Wyoming station) \$256,346
32. b1864.1 (Add 2 345/138kV transformers at Kammer) \$9,887,949
33. b2021 (WVTCO - Add 345/138kV trans. Sporn, Kanawha & Muskingum River stations) \$2,297,496
34. b1948 (New 765/345 interconnection Sporn) \$6,734,704
35. b1962 (Add four 765kV breakers Kammer) \$2,618,626
36. b2017 (WVTCO Rebuild Sporn-Waterford-Muskingum River) \$174,128
37. b2020 (Rebuild Amos-Kanawha River 138 kV corridor) \$18,091,277
38. b2022 (Tristate-Kyger Creek 345kV line at Sporn) \$522,290
39. b1875 (138 kV Bradley to McClung upgrades) \$8,831,537
40. b2230 (Replace 3 765kV reactors Amos-Hanging Rock) \$1,529,200
41. b2423 (Install 300 MVAR shunt reactor Wyoming 765kV station) \$2,498,065
42. b1495 (Add 765/345 kV transf. Baker Station) \$5,840,710
43. b2777 (Reconductor the entire Dequine - Eugene 345 kV circuit #1) \$2,656,999