

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, 2017
Docket No ER10-355**

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, 2017 through December 31, 2017. 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, 2017 from \$14,565.47 per MW per year or \$39.91/MW Day to \$20,624.88 per MW per year or \$56.51/MW Day with the AEP annual revenue requirement increasing from \$360,132,800 to \$463,558,513.

The AEP Transmission Companies' Schedule 1A rates are not applicable because they are handled via AEP Operating Companies.

An annual revenue requirement of \$152,074,418 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 \$1,745,054
2. b1465.2 (Rockport Jefferson-MVAR Bank) \$2,009,698
3. b2048 (Tanners Creek 345/138 kV transformer) \$783,738
4. b1818 (Expand the Allen station) \$9,074,293
5. b1819 (Rebuild Robinson Park) \$8,454,247
6. b1659 (Sorenson Add 765/345 kV transformer) \$5,667,478
7. b1659.13 (Sorenson Exp. Work 765kV) \$7,261,914
8. b1659.14 (Sorenson 14miles 765 line) \$8,131,617
9. b0570 (Lima-Sterling) \$1,641,401
10. b1231 (Wapakoneta-West Moulton) \$608,428
11. b1034.1 (South Canton-Wagenhals-Wayview 138 kV) \$1,563,485
12. b1034.8 (South Canton Wagenhals Station) \$788,081
13. b1864.2 (West Bellaire-Brues 138 kV Circuit) \$196,798
14. b1870 (Ohio Central Transformer) \$1,254,621
15. b1032.2 (Two 138kV outlets to Delano/Camp Sherman) \$5,142,039
16. b1034.2 (Loop existing South Canton-Wayview 138kV) \$1,250,842

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- 17. b1034.3 (345/138kV 450 MVA transformer Canton Central) \$2,575,090
- 18. b1970 (Reconductor Kammer-West Bellaire) \$2,578,153
- 19. b2018 (Loop Conesville-Bixby 345 kV) \$2,910,415
- 20. b2021 (OHTCo - Add 345/138kV trans. Sporn, Kanawha & Muskingum River stations) \$4,149,322
- 21. b2032 (Rebuild 138kV Elliott Tap Poston line) \$92,431
- 22. b1032.1 (Construct new 345/138kV station Marquis-Bixby) \$(318,603)
- 23. b1032.4 (Install 138/69kV transformer Ross Highland) \$1,390,691
- 24. b1666 (Build 8 breaker 138kV station Fostoria-East Lima) \$1,126,676
- 25. b1819 (Rebuild Robinson Park 345kV double circuit) \$(1,045,271)
- 26. b1957 (Terminate Transformer #2 SW Lima) \$1,660,139
- 27. b2019 (Establish Burger 345/138kV station) \$11,043,378
- 28. b2017 (OHTCo Rebuild Sporn-Waterford-Muskingum River) \$11,408,635
- 29. b1661 (765kV circuit breaker Wyoming station) \$543,030
- 30. b1864.1 (Add 2 345/138kV transformers at Kammer) \$12,516,126
- 31. b2021 (WVTCO - Add 345/138kV trans. Sporn, Kanawha & Muskingum River stations) \$2,512,922
- 32. b1948 (New 765/345 interconnection Sporn) \$8,661,090
- 33. b1962 (Add four 765kV breakers Kammer) \$3,329,695
- 34. b2017 (WVTCO Rebuild Sporn-Waterford-Muskingum River) \$189,766
- 35. b2020 (Rebuild Amos-Kanawha River 138 kV corridor) \$19,278,915
- 36. b2022 (Tristate-Kyger Creek 345kV line at Sporn) \$701,182
- 37. b1875 (138 kV Bradley to McClung upgrades) \$282,208
- 38. b1495 (Add 765/345 kV transf. Baker Station) \$5,097,838
- 39. b1465.1 (Add 3rd 2250 MVA 765/345 kv xfmr. Sullivan) \$3,283,917
- 40. b1818 (Expand Allen w/2nd xfmr. 138kV double circuit tower) \$525,167
- 41. b2230 (Replace existing 150 MVAR reactor Amos 765kV) \$781,130
- 42. b2423 (Install 300 MVAR shunt reactor Wyoming 765kV station) \$1,226,646