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, 2018
Docket No ER17-405

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, 2018 through December 31, 2018. 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 decrease effective January 1, 2018 from $28,877.87 per MW per year to $24,822.32 per MW per year with the AEP annual revenue requirement decreasing from $625,494,728 to $537,651,367.

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

An annual revenue requirement of $169,970,737 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 $2,335,961
2. b1465.2 (Rockport Jefferson-MVAR Bank) $1,616,239
3. b2048 (Tanners Creek 345/138 kV transformer) $626,728
4. b1818 (Expand the Allen station) $6,912,167
5. b1819 (Rebuild Robinson Park) $17,518,822
6. b1659 (Sorenson Add 765/345 kV transformer) $7,019,322
7. b1659.13 (Sorenson Exp. Work 765kV) $8,998,234
8. b1659.14 (Sorenson 14miles 765 line) $11,043,548
9. b1465.1 (Add a 3rd 2250 MVA 765/345kV transformer Sullivan) $3,670,194
10. b0570 (Lima-Sterling) $1,986,235
11. b1231 (Wapakoneta-West Moulton) $590,889
12. b1034.1 (South Canton-Wagenhals-Wayview 138 kV) $1,489,088
13. b1034.8 (South Canton Wagenhals Station) $767,171
14. b1864.2 (West Bellaire-Brues 138 kV Circuit) $191,400
15. b1870 (Ohio Central Transformer) $1,220,362
16. b1032.2 (Two 138kV outlets to Delano/Camp Sherman) $3,540,017

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17. b1034.2 (Loop existing South Canton-Wayview 138kV) $1,238,423
18. b1034.3 (345/138kV 450 MVA transformer Canton Central) $2,468,255
19. b1970 (Reconductor Kammer-West Bellaire) $2,444,745
20. b2018 (Loop Conesville-Bixby 345 kV) $2,452,721
21. b2021 (OHTCo - Add 345/138kV trans. Sporn, Kanawha & Muskingum River stations) $3,867,113
22. b2032 (Rebuild 138kV Elliott Tap Poston line) $685,334
23. b1032.1 (Construct new 345/138kV station Marquis-Bixby) $5,835,059
24. b1032.4 (Install 138/69kV transformer Ross Highland) $1,254,871
25. b1666 (Build 8 breaker 138kV station Fostoria-East Lima) $717,072
26. b1819 (Rebuild Robinson Park 345kV double circuit) $(2,157,606)
27. b1957 (Terminate Transformer #2 SW Lima) $1,538,303
28. b2019 (Establish Burger 345/138kV station) $9,528,885
29. b2017 (OHTCo Rebuild Sporn-Waterford-Muskingum River) $9,449,180
30. b1818 (Allen Station Expansion) $737,139
31. b1661 (765kV circuit breaker Wyoming station) $484,238
32. b1864.1 (Add 2 345/138kV transformers at Kammer) $9,321,291
33. b2021 (WVTCo - Add 345/138kV trans. Sporn, Kanawha & Muskingum River stations) $2,156,688
34. b1948 (New 765/345 interconnection Sporn) $6,164,438
35. b1962 (Add four 765kV breakers Kammer) $2,525,235
36. b2017 (WVTCo Rebuild Sporn-Waterford-Muskingum River) $143,445
37. b2020 (Rebuild Amos-Kanawha River 138 kV corridor) $26,522,180
38. b2022 (Tristate-Kyger Creek 345kV line at Sporn) $578,766
39. b1875 (138 kV Bradley to McClung upgrades) $524,083
40. b2230 (Replace 3 765kV reactors Amos-Hanging Rock) $2,774,716
41. b2423 (Install 300 MVAR shunt reactor Wyoming 765kV station) $2,159,068
42. b1495 (Add 765/345 kV transf. Baker Station) $7,030,717