Projected Formula Rate for AEP East subsidiaries in PJM

To be Effective January 1, 2024 through December 31, 2024
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, 2024 through December 31, 2024. 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 decrease effective January 1,2024 from $56,926.66 per MW per year to $56,386.46 per MW per year with the AEP annual revenue requirement increasing from $1,236,281,972 to $1,287,054,780.

The AEP Schedule 1A rate will be $0.0291 per MWh.

An annual revenue requirement of $48,775,505 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) $876,394
2. b0318 (Amos 765/138 kV Transformer) $1,298,673
3. b0504 (Hanging Rock) $715,593
4. b0570 (East Side Lima) $177,871
5. b1034.1 (Torrey-West Canton) $832,154
6. b1034.6 (138kV circuit South Canton Station) $305,305
7. b1231 (West Moulton Station) $928,316
8. b1465.2 (Rockport Jefferson 300 MVAR bank) $69,602
9. b1465.3 (Rockport Jefferson 765 kV line) $2,595,667
10. b1712.2 (Altavista-Leesville 138kV line) $254,139
11. b1864.1 (OPCo Kammer 345/138 kV transformers) $855,435
12. b1864.2 (West Bellaire-Brues 138 kV circuit) of $114,951
13. b2020 (Rebuild Amos-Kanawha River) $3,122,101
14. b2021 (APCo Kanawha River Gen Retirement Upgrades) $265,878
15. b2017 (APCo Rebuild Sporn-Waterford Muskingum River 345kV line) $1,681,360
16. b1659.14 (Ft. Wayne Relocate) $144,658
17. b2048 (Tanners Creek-Transformer Replacement) $98,550
18. b1818 (Expand the Allen Station) $1,745,889
19. b1819 (Rebuild Robinson Park 138kV line corridor) $433,122
20. b1465.4 (Switching imp at Sullivan Jefferson 765kV station) $26,057
21. b2021 (OPCo 345/138kV Transformer) $583,333
22. b2032 (Rebuild 138kV Elliott Tap-Poston) $16,897
23. b1034.2 (Loop South Canton-Wayview) $521,499

24. b1034.7 (Replace circuit breakers Torrey/Wagenhals) $649,784
25. b2018 (Loop Conesville-Bixby 345kV) $1,078,584
26. b1032.4 (Loop the existing South Canton-Wayview 138kV circuit) $184,203
27. b1666 (Build an 8 breaker 138kV station Fosteria-East Lima) $469,544
28. b1957 (Terminate transformer #2 SW Lima) $332,947
29. b1962 (Add four 765kV breakers Kammer) $95,280
30. b2019 (Burger 345/138kV Station) $1,051,847
31. b2017 (OPCo Reconductor Sporn-Waterford-Muskingum River) $922,387
32. b1660 (Install 765/500 kV transformer Cloverdale) $392,656
33. b1660.1 (Cloverdale Establish 500 kV station) $3,443,388
34. b1663.2 (Jacksons-Ferry 765kV breakers) $615,770
35. b1875 (138 kV Bradley to McClung upgrades) $1,665,524
36. b1797.1 (Reconductor Cloverdale-Lexington 500 kV line) $7,361,979
37. b1712.1 (Altavista-Leesville 138kV line) $28,851
38. b1032.2 (Two 138kV outlets to Delano&Camp) $97,372
39. b1818 (Expand Allen w/345/138kV xfmr) $125,374
40. b2687.1 (Install a 450 MVAR SVC Jacksons Ferry 765kV Substation) $8,321,532
41. b2687.2 (Reactor Replacement at Broadford) $1,122,210
42. b1870 (Replace Ohio Central Tfmr) $1,281
43. b1465.5 (Switching Imp at Sullivan Jefferson 765kV stations) $83,100
44. b2831.1 (Upgrade Tanners Creek Miami Fort 345kV circuit) $88,676
45. b2777 (Reconductor the entire Dequine - Eugene 345 kV circuit #1) $985,596
46. b2230 (Amos Station retire 3 765kV reactors Amos-Hanging Rock) $82,752
47. b2423 (Install a 300 MVAR reactor at AEP's Wyoming 765 kV station.) $5,686
48. b2668 (Reconductor Dequine - Meadow Lake 345 kV circuit #1) $342,416
49. b2776 (Reconductor Dequine - Meadow Lake 345 kV circuit #2) $1,455,515
50. b3775.10 (Perform a sag study on the Olive – University Park 345kV line) $172
51. b3775.6 (Perform sag study mitigation work on the Dumont-Stillwell 345 kV line) $32
52. b3775.7 (Upgrade the limiting element at Dumont substation) $17
53. b2833 (Reconductor the Maddox Creek - East Lima 345 kV circuit) $107,581