



ATRR, NITS and NSPL Documents on PJM.com

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August 16, 2022

- On June 1, 2022, PJM posted a new view of the NITS Revenue Requirement and Rates document on PJM.com
 - Shows the NITS rate by Zone
 - Shows the total transmission revenue requirement
- PJM felt that the previously format did not provide enough details, however, the new format created downloading issues
 - The new format is still posted, however, if the old format is desired, please email mss@pjm.com and PJM can send it

- The Network Integration Transmission Service (NITS) Rate is derived a few different ways:
 - Formula using the Annual Transmission Revenue Requirement (ATRR) filing (Attachment H) and Network Service Peak Load (NSPL) value or another value agreed upon with FERC
 - Stated value contained in Attachment H that is not impacted by the NSPL
 - Charged zonal regardless if multiple ATRRs in one zone
- Not all ATRRs are recovered through NITS, some are recovered through Schedule 12 (Transmission Enhancement)
- Total ATRR across all PJM transmission zones is an input into Firm Transmission charges/credits

- Original purpose for document was to provide data for Members to calculate on their own rates
- PJM has evolved, as has the recoverable mechanisms
- Current 1 page document no longer meets these needs and creates more confusion with less transparency
- Proposed:
 - Create three (3) separate documents representing each value (ATTRR, NITS, NSPL) posted on PJM.com as PDF file
 - Add into DataMiner as three (3) separate downloadable files



Annual Transmission Revenue Requirement (ATRR)

| Annual Transmission Revenue Requirements (ATRR) | | | |
|---|---|---|---------------------|
| Transmission Zone Short Name | Transmission Owner | Annual Transmission Revenue Requirement | Rate Year Beginning |
| AECO | Atlantic City Electric Company | \$ 210,153,068.00 | June |
| AEP | AEP East Operating Companies | \$ 1,112,801,191.00 | January |
| AEP | AEP East Transmission Companies | \$ 1,316,538,537.00 | January |
| AEP | AMP Transmission, LLC | \$ 1,244,450.50 | January |
| APS | South FirstEnergy Operating Companies | \$ 161,006,850.00 | January |
| ATSI | American Transmission Systems, Inc. | \$ 842,080,007.00 | January |
| ATSI | AMP Transmission, LLC | \$ 7,704,993.00 | January |
| BGE | Baltimore Gas and Electric Company | \$ 295,312,882.00 | June |
| COMED | Commonwealth Edison Company | \$ 763,490,165.00 | June |
| DAY | The Dayton Power and Light Company | \$ 61,304,201.00 | January |
| DEOK | Duke Energy Ohio, Inc. and Duke Energy Kentucky, Inc. | \$ 200,020,318.00 | June |
| DOM | Virginia Electric and Power Company | \$ 1,278,249,262.00 | January |
| DOM | Virginia Electric and Power Company Underground | \$ 13,811,451.91 | January |
| DPL | Delmarva Power & Light Company | \$ 193,598,433.00 | June |
| DPL | Old Dominion Electric Cooperative | \$ 4,602,195.00 | June |
| DUQ | Duquesne Light Company | \$ 167,886,897.00 | June |
| EKPC | East Kentucky Power Cooperative | \$ 89,590,957.00 | June |
| JCPL | Jersey Central Power and Light Company | \$ 166,618,012.00 | January |
| METED/PENELEC | Mid-Atlantic Interstate Transmission, LLC | \$ 269,369,398.00 | January |
| OVEC | Ohio Valley Electric Cooperative | \$ 11,256,927.00 | Stated |
| PECO | PECO Energy Company | \$ 194,998,428.00 | June |
| PEPCO | Potomac Electric Power Company | \$ 199,759,404.00 | June |
| PEPCO | Southern Maryland Electric Cooperative | \$ 17,086,212.00 | Stated |
| PPL | PPL Electric Utilities Corporation | \$ 655,118,825.00 | June |
| PPL | Allegheny Electric Cooperative, Inc. | \$ 2,584,702.00 | Stated |
| PPL | UGI Utilities, Inc. | \$ 7,974,096.00 | June |
| PSEG | Public Service Electric & Gas Company | \$ 1,602,691,525.00 | January |
| RECO | Rockland Electric Company | \$ 16,833,707.00 | Stated |
| N/A | NextEra Energy Transmission MidAtlantic Indiana | \$ 322,216.00 | June |
| N/A | Silver Run Electric, LLC | \$ 25,098,547.00 | January |
| N/A | Trans-Allegheny Interstate Line Company | \$ 229,226,166.93 | June |
| N/A | Transource West Virginia, LLC | \$ 10,472,960.00 | January |
| TOTAL | Total Annual Transmission Revenue Requirement | \$ 10,128,806,984.34 | |

- Proposed view
- Annual Transmission Revenue Requirement is by Transmission Owner as submitted in Attachment H of Tariff
- Input into Firm Transmission
- Added Transmission Zone for awareness of what values are used in which Zone
- Added Rate Year Beginning for transparency of when those values may change
- Short Name is consistent with all other MSRS Zone Short Names



Network Integration Transmission Service (NITS)

| Network Integration Transmission Service (NITS) Rates | | |
|---|---|--|
| Transmission Zone Short Name | Transmission Zone | Network Integration Transmission Service Rate (\$/MW-Year) |
| AECO | Atlantic City Electric Company | \$ 79,876.00 |
| AEP | AEP East Zone | \$ 110,857.47 |
| APS | Allegheny Power | \$ 18,162.00 |
| ATSI | American Transmission Systems, Inc. | \$ 67,420.78 |
| BGE | Baltimore Gas and Electric Company | \$ 45,531.00 |
| COMED | Commonwealth Edison Company | \$ 36,069.00 |
| DAY | The Dayton Power and Light Company | \$ 18,410.22 |
| DEOK | Duke Energy Ohio, Inc. and Duke Energy Kentucky, Inc. | \$ 37,718.00 |
| DOM | Virginia Electric and Power Company | \$ 62,645.46 |
| DOM | Virginia Electric and Power Company (Underground) | \$ 700.61 |
| DPL | Delmarva Power & Light Company | \$ 49,476.00 |
| DUQ | Duquesne Light Company | \$ 60,850.63 |
| EKPC | East Kentucky Power Cooperative | \$ 28,271.00 |
| JCPL | Jersey Central Power and Light Company | \$ 27,008.48 |
| METED | Metropolitan Edison Company | \$ 45,112.82 |
| PENELEC | Pennsylvania Electric Company | \$ 45,112.82 |
| OVEC | Ohio Valley Electric Cooperative | \$ 5,163.73 |
| PECO | PECO Energy Company | \$ 22,998.00 |
| PEPCO | Potomac Electric Power Company | \$ 37,201.24 |
| PPL | PPL Electric Utilities Corporation | \$ 88,606.00 |
| PSEG | Public Service Electric & Gas Company | \$ 159,248.37 |
| RECO | Rockland Electric Company | \$ 42,548.00 |

- Proposed view
- Shows zonal rate used to charge load by Zone
- Similar to today with a cleaner view
- Short Name is consistent with all other MSRS Zone Short Names



Network Service Peak Load (NSPL)

Network Service Peak Loads (NSPLs)

| Transmission Zone Short Name | Transmission Zone | Zonal Peak (MW) | Date | HourEnding (EPT) |
|------------------------------|---|-----------------|-----------|------------------|
| AECO | Atlantic City Electric Company | 2,631.0 | 8/13/2021 | 19 |
| AEP | AEP East Zone | 21,925.3 | 8/24/2021 | 17 |
| APS | Allegheny Power | 8,865.0 | 8/12/2021 | 17 |
| ATSI | American Transmission Systems, Inc. | 12,604.2 | 6/29/2021 | 15 |
| BGE | Baltimore Gas and Electric Company | 6,486.0 | 8/12/2021 | 18 |
| COMED | Commonwealth Edison Company | 21,167.2 | 8/24/2021 | 17 |
| DAY | The Dayton Power and Light Company | 3,329.9 | 8/12/2021 | 17 |
| DEOK | Duke Energy Ohio, Inc. and Duke Energy Kentucky, Inc. | 5,305.7 | 8/12/2021 | 16 |
| DOM | Virginia Electric and Power Company | 20,404.5 | 8/12/2021 | 18 |
| DPL | Delmarva Power & Light Company | 4,006.0 | 8/12/2021 | 18 |
| DUQ | Duquesne Light Company | 2,759.3 | 6/29/2021 | 17 |
| EKPC | East Kentucky Power Cooperative | 2,850.8 | 2/20/2021 | 8 |
| JCPL | Jersey Central Power and Light Company | 6,169.1 | 6/30/2021 | 18 |
| METED | Metropolitan Edison Company | 3,071.5 | 8/12/2021 | 18 |
| OVEC | Ohio Valley Electric Cooperative | 106.0 | 2/1/2021 | 4 |
| PECO | PECO Energy Company | 8,479.1 | 6/30/2021 | 18 |
| PENELEC | Pennsylvania Electric Company | 2,899.5 | 6/29/2021 | 14 |
| PEPCO | Potomac Electric Power Company | 5,829.0 | 8/12/2021 | 18 |
| PPL | PPL Electric Utilities Corporation | 7,516.9 | 6/30/2021 | 16 |
| PSEG | Public Service Electric & Gas Company | 10,064.1 | 6/30/2021 | 18 |
| RECO | Rockland Electric Company | 427.4 | 6/30/2021 | 17 |

- Proposed view
- Shows zonal peak load MW value, date occurred and hour ending time (in EPT)
- Similar to today with the Date and HourEnding broken down
- Short Name is consistent with all other MSRS Zone Short Names

- PJM will further review internally and determine more accurate timing of DataMiner implementation and new format posting on PJM.com
 - Communication at MSS will occur prior to implementation
- Creating technical documentation for DataMiner download and PDF formatting
- Send feedback to mss@pjm.com

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ATRR, NITS, and NSPL Documents



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