



Final Review and Recommendation 2021 RTEP Proposal Window 1 - Cluster No. 8

November 23, 2021

For Public Use

This page is intentionally left blank.

2021 RTEP Proposal Window No. 1 - Cluster No. 8

As part of its 2021 RTEP process cycle of studies, PJM identified clustered groups of flowgates that were put forward for proposals as part of 2021 RTEP Window No. 1. Specifically, Cluster No. 8 - discussed in this discussed in this Final Review and Recommendation report - includes those flowgates listed in **Table 1**.

Table 1. 2021 RTEP Proposal Window No. 1 – Cluster No. 8 List of Flowgates

Flowgate	kV Level	Driver
AEP -T1, AEP -T2, AEP -T3, AEP -T4, AEP -T5	34.5	Thermal

Proposals Submitted to PJM

PJM conducted 2021 RTEP Proposal Window No. 1 for 60 days beginning July 2, 2021 and closing August 31, 2021. During the window, several entities submitted two proposals through PJM’s Competitive Planner Tool. The proposals are summarized in **Table 2**. Publicly available redacted versions of the proposals can be found on PJM’s web site: <https://www.pjm.com/planning/competitive-planning-process/redacted-proposals.aspx>.

Table 2. 2021 RTEP Proposal Window No. 1– Cluster No.8 List of Proposals

Proposal ID#	Project Type	Project Description	Total Construction Cost M\$	Cost Capping Provisions (Y/N)
19	Upgrade	West Kingsport Line Cut In	2.097	N
909	Upgrade	West Kingsport Transformer Replacement and Line Rebuilds	7.425	N

Final Review and Recommendation

PJM completed a final review of the proposals listed in **Table 2** above based on data and information provided by the project sponsors as part of their submitted proposals. The data and information included the following preliminary analytical quality assessment:

- *Initial Performance Review* – PJM evaluated whether or not the project proposal solved the required reliability criteria violation drivers posted as part of the open solicitation process.
- *Initial Planning Level Cost Review* – PJM reviewed the estimated project cost submitted by the project sponsor and any relevant cost containment mechanisms submitted as well.
- *Initial Feasibility Review* – PJM reviewed the overall proposed implementation plan to determine if the project, as proposed, can feasibly be constructed.

- *Additional Benefits Review* – PJM reviewed information provided by the proposing entity to determine if the project, as proposed, provides additional benefits such as the elimination of other needs on the system

Initial performance reviews yielded the following results:

1. No significant difference among the two proposals as to their respective ability to solve the identified reliability criteria violations
2. No creation of additional reliability criteria violations.

The cost reviews provide no significant factors to consider other than the differences in apparent costs. A high level review of the plans identified in the proposals did not reveal any concerns.

PJM presented a First Read of the Initial Performance Review and Recommended Solution at the October 2021, TEAC meeting. No stakeholder comments in opposition to the selected solution were received at those meetings nor afterward via Planning Community.

Recommended Solution

Based on this information, Proposal No. 19 is the more efficient and cost effective solution in Cluster No. 8 with a projected in-service date of 11/1/2026.