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Executive Summary

The Transmission Mitigation Plan involves building a single circuit 345 kV line approximately 85 miles from Wilton Center, IL to Reynolds, IN and splitting the 765kV Greentown to Jefferson circuit at or near the Gwynneville (DUK-IN) substation. A new 765 kV substation (Gwynneville 765 kV) will be formed at the split with a new 765/345 kV Transformer from this substation to Gwynneville 345 kV substation. This will mitigate the 15Year Gen Deliv violations of DeQuine-Meadow Lake and reduce congestion on Crete-St.John and Burnham-Munster. The facilities would increase the overall transfer capability between IL and IN providing both increased export and import capability to both states. The facilities will allow for better utilization of on and off peak resources increasing the efficiency and reliability of the grid.

Major Components

- 85 Miles of Single Circuit 345 kV 2-954 ACSR from Wilton Center to Reynolds, each circuit rated at 1581/1897 SN/SE MVA and 1854/2122 WN/WE MVA
- 1-765/345 kV Transformer at Gwynneville rated at 2250 MVA

Project cost is estimated at $240M. The estimated In-Service Date will be 2022.

All new Right of Way will need to be secured.

Total estimated time to construct is 48 months.

NIPSCO will be requesting Designated Entity status and affirms that the pre-qualification information on record with PJM and as posted on PJM's website reflects the company's current status.

Please reference Northern Indiana Public Service Company Pre-Qualification Filing for Company Evaluation, Project Constructability and Maintenance plan.

Pre-qualification ID: PJM ID Q13-14

For Component Cost Estimates and Project Milestones please see included files.