

Retirement Study **Will County Units 1 and 2**

General

PJM received a deactivation notice from Midwest Generation, LLC (“MidwestGen”) for its Will County Units 1 and 2 with a total capacity of approximately 300 MW. MidwestGen is proposing to decommission Will County Units 1 and 2 after the end of the summer peak season of 2010, but no later than December 31, 2010.

Reliability Analysis Results

PJM Transmission Planning performed a detailed study of the 2011 system and did not identify any reliability problems.

Exelon Transmission Planning performed a high level study and identified the following potential problem areas as a result of the Will County 1&2 retirement.

Potential overload of existing 345/138 kV transformers at the following locations:

- East Frankfort
- Goodings Grove
- Wolfs
- Lisle
- Dresden

Potential overloads on the following 138 kV circuits:

- 0906
- 5104
- 0905
- 0902

The potential fixes would be to 1) install additional transformers at some of these locations and 2) reconductor the 138 kV circuits. Some capacitor additions may also be needed in the ComEd system. If more detailed analysis confirms these potential problems, it would be possible to complete the reinforcements by summer 2011.