



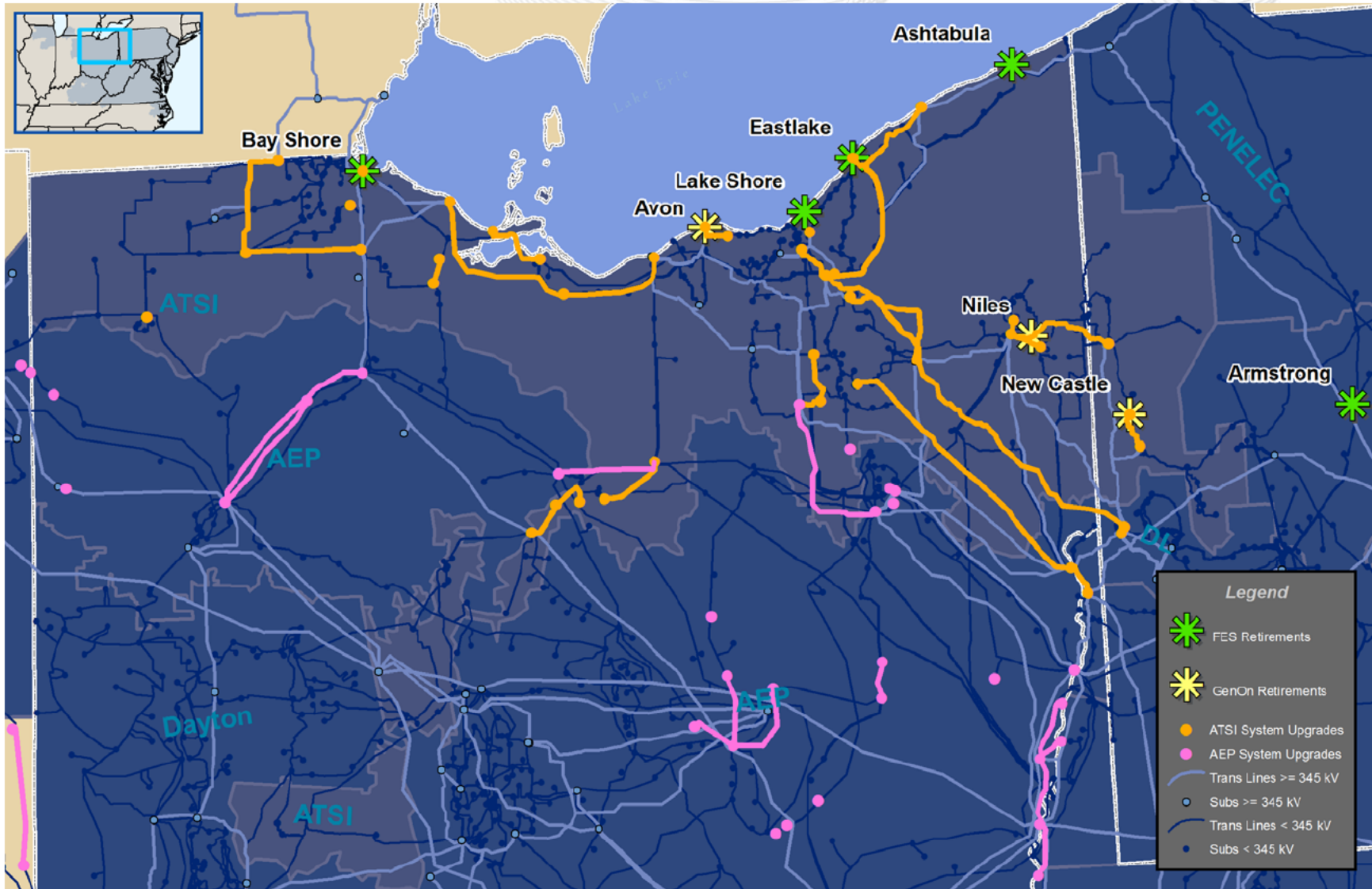
LDA Evaluation – Cleveland Area

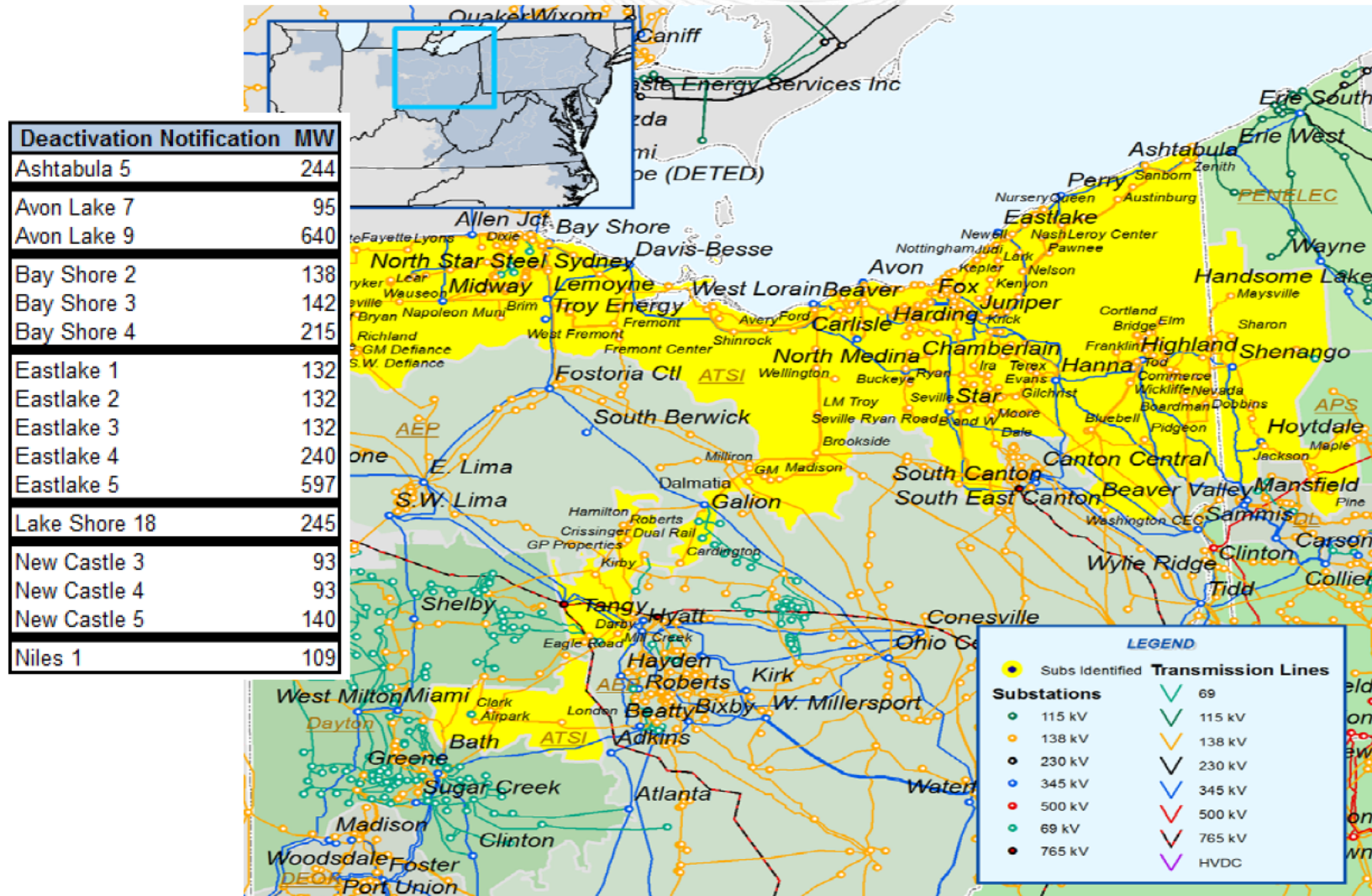
PJM Planning Committee
6/14/2012

- Previous Evaluation
- Retirement Activity
- RPM Activity



- Existing ATSI LDA
- Cleveland Reactive Operational Interface
- Greater Cleveland LDA
- South Canton LDA

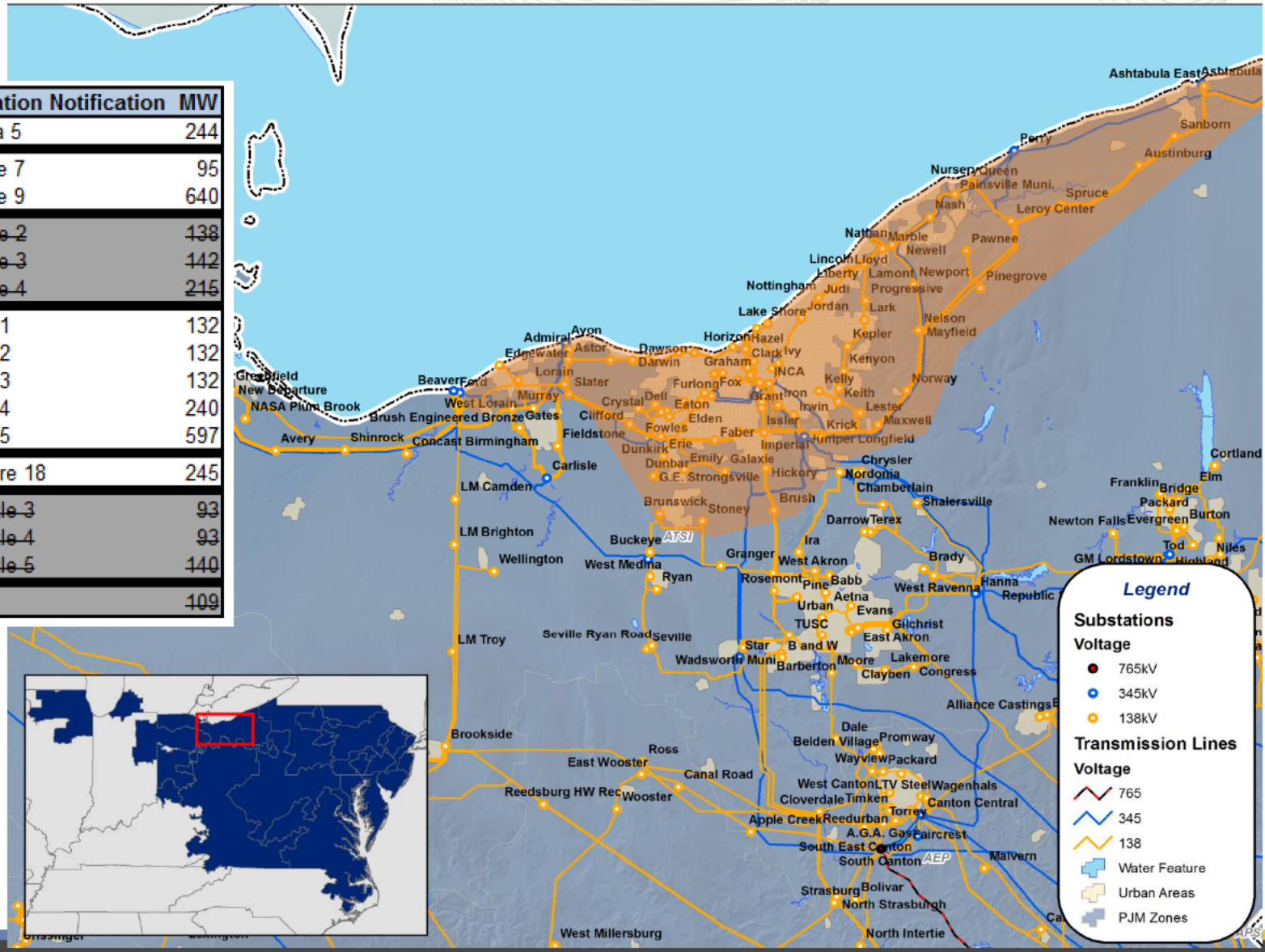






Approximate Cleveland Reactive Operational Interface

Deactivation Notification MW	MW
Ashtabula 5	244
Avon Lake 7	95
Avon Lake 9	640
Bay Shore 2	138
Bay Shore 3	142
Bay Shore 4	215
Eastlake 1	132
Eastlake 2	132
Eastlake 3	132
Eastlake 4	240
Eastlake 5	597
Lake Shore 18	245
New Castle 3	93
New Castle 4	93
New Castle 5	140
Niles 1	109



Legend

Substations

Voltage

- 765kV
- 345kV
- 138kV

Transmission Lines

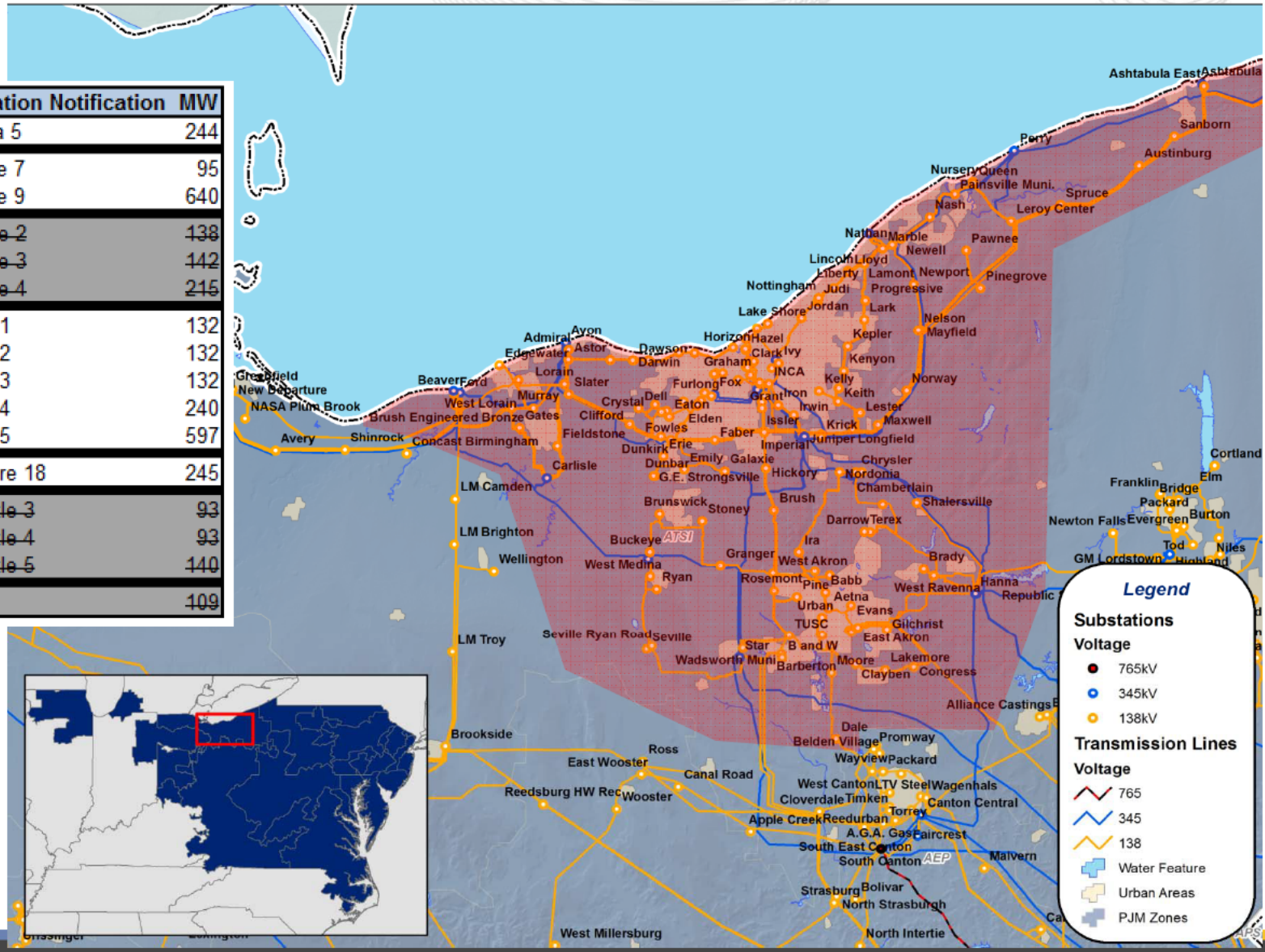
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Water Feature
 Urban Areas
 PJM Zones



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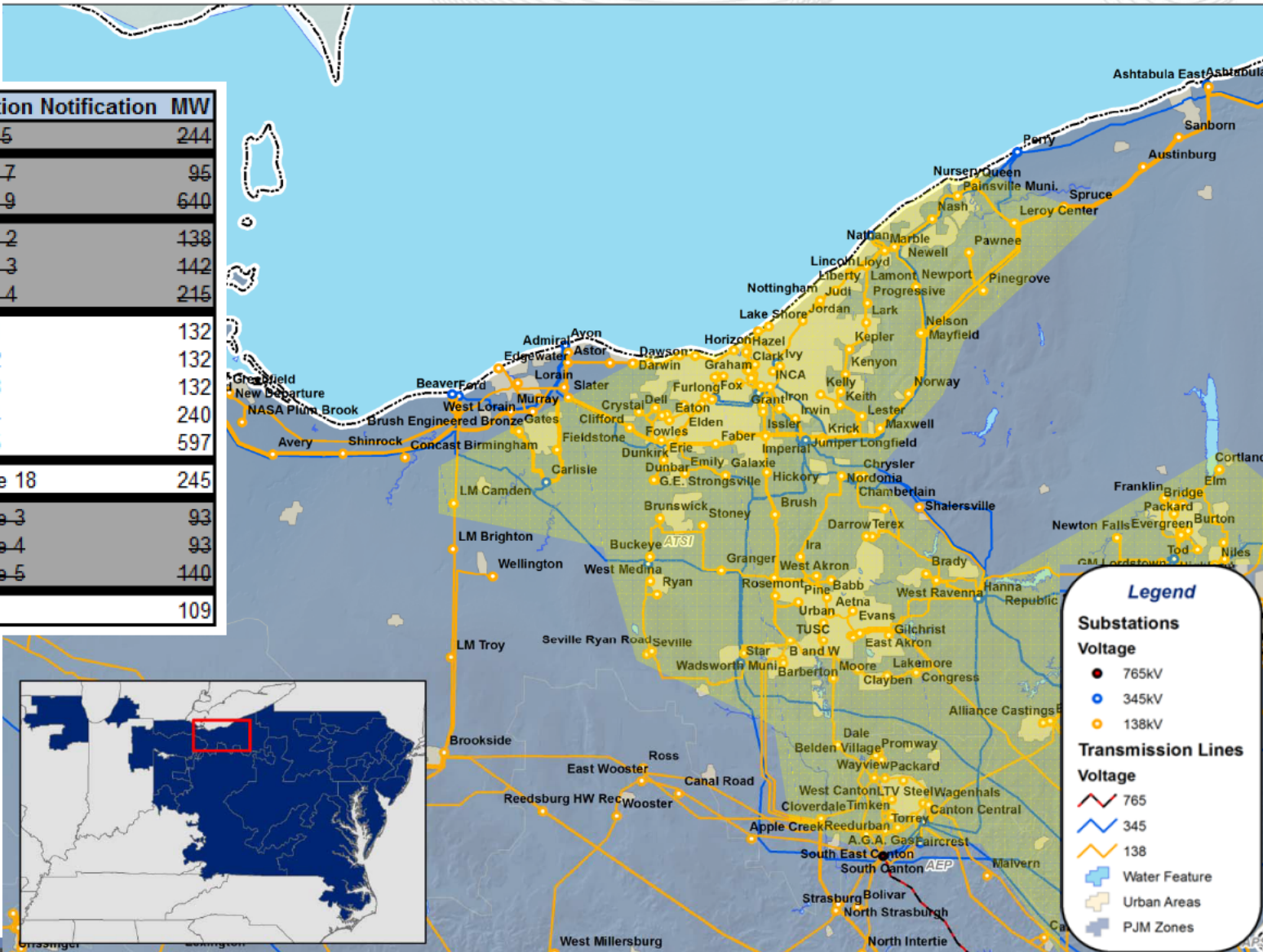
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- Previous analysis prior to deactivation notifications demonstrated that the existing ATSI LDA produced a more severe result than the other evaluated potential LDAs
- Several recent changes to generation resource and network topology assumptions
- Future evaluation