

Rochelle Municipal Utilities 2018 Planning Assumptions

» January 30, 2018



- » RMU has nearly 20 miles of 138 kV line
- » Located approximately 80 miles west of Chicago
 - > within the ComEd Transmission Zone

RMU Description



» Load Flow Cases

- > ERAG MMWG cases with detailed RMU models included in ComEd Area 222
- > PJM RTEP cases with RMU system updates provided via .IDV file

» Loads

- > 2017 Actual Peak Load: (58 MW)
- > 2023 Summer Peak Load Forecast: 65 MW (Forecasted in 2017)

Base Case Model 

- » RMU Performs Local Analysis to Evaluate Impact of Potential New Large Loads
- » Upgrades Driven by
 - > PJM Criteria – Manual 14B
 - > RMU – FERC 715 Planning Criteria
 - > NERC Planning Criteria
- » Immediate Need PJM Projects
 - > RMU Recently Completed Baseline Project b2751 rebuilding 2.5 miles 138 kV line to 556 ACSR.

Baseline Analysis



- » Common Right of Way Considerations
- » Reliability
- » New Transmission Customers/Loads
- » Infrastructure Replacement
- » Coordinate Studies with PJM and ComEd
- » Reviewed at PJM Sub-Regional RTEP meetings for stakeholder input

Supplemental Projects

