



Non-Wires Alternatives Opportunities

Project Name/Description:	West Haverstraw Area – Distribution Circuit Relief
Project Type:	Reliability
Project Size:	Large
Estimated RFP Timing:	Q2 2018

The West Haverstraw Substation (#27) is located in the Village of West Haverstraw, in the Town of Haverstraw in Rockland County. A portion of the area served from this substation is experiencing both commercial and residential load growth due to a recent multi-million dollar revitalization project that is currently underway in the Village of Haverstraw.

The Village of Haverstraw is served from three 13.2 kV distribution circuits. Two of these distribution feeders are constructed as a double circuit spacer construction pole line for approximately one mile exiting the substation. An interruption event occurring on this portion of the double circuit feeder can require the de-energization of both feeders in order to expedite the repairs. For this described contingency, and during peak summer loading periods, the remaining area circuit cannot support the entire Village of Haverstraw load.

O&R's traditional solution is to construct a new underground circuit from the West Haverstraw Substation into the load area. The scope of the NWA will be to reduce the loading on three area circuits to improve transfer capability during contingency scenarios. To defer the capital project, O&R determined that it will need to implement approximately 5.0 MW of capacity reduction by the summer of 2021. These capacity requirements will be increased by a reliability factor to provide equivalent reliability of the traditional solution. O&R conducts an annual planning cycle to monitor local area needs and will adjust capacity requirements based on actual growth, block load additions and other factors, as necessary. O&R expects to release an RFP in the second quarter of 2018, requesting load reduction on specific area distribution circuits approximated by the geographical area defined to be from south of Railroad Avenue in the Village of West Haverstraw to the Hudson River and the entire Village of Haverstraw.