



Non-Wires Alternatives Opportunities

Project Name/Description:	Pomona
Project Type:	Load Relief
Project Size:	Large
Estimated RFP Timing:	Q4 2017

The Pomona area includes customers who are served by circuits originating from the New Hempstead, West Haverstraw, Stony Point and Tallman Substations, as well as the Mobile Transformer in service at the future Little Tor Substation site. This area has experienced load growth that has caused existing circuits to fail the Company's design standards. There is potential for significant new business load growth in this area in the next few years that will continue to exacerbate operating risk. There are several large new business projects being proposed in this Pomona load pocket area that could add well over 2,000 housing units and other block load growth.

In order to meet the distribution planning criteria and significantly improve the electric delivery system reliability, O&R has identified the new Pomona Substation project as the traditional infrastructure solution. This project proposes the installation of two 50 MVA – 138/13.2kV transformer banks with Load Tap Changers ("LTC"), which will provide sufficient capacity for already developed and future load growth in the Pomona area, and provide relief and improved backup to the New Hempstead, Tallman, West Haverstraw, and Stony Point Substations.

O&R has determined that 1.2 MW of load reduction by 2019 will satisfy current circuit contingencies. The present schedule for the projected new business load, in addition to the native load growth in the Pomona area, is expected to require approximately 6.0 MW of load reduction by 2025. 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 fourth quarter of 2017,¹ requesting load reduction on specific area distribution circuits approximated by the geographical area defined to be from the Palisades Parkway west to South Route 202, Viola Rd to Grand View Avenue, and New Hempstead Road North.

¹ O&R conducted a Request for Information (“RFI”) for the Pomona Distributed Energy Resources program in Q2 of 2015 (*i.e.*, prior to stakeholder engagement on DER Sourcing and the refinement of the NWA procurement processes).