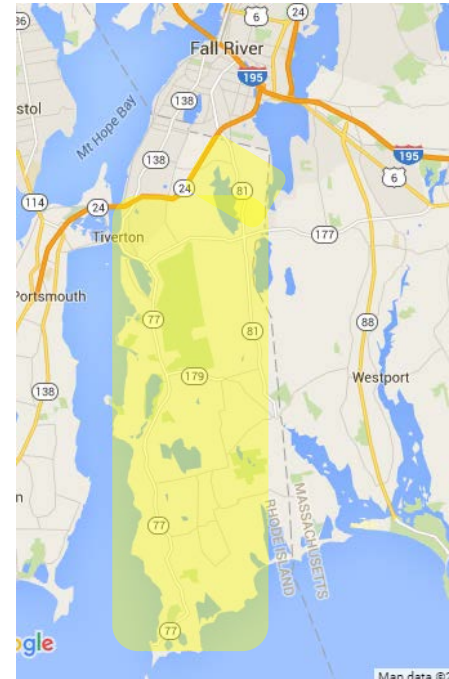


Non-wires Alternative Pilots in New England

Lindsay M. Foley
2016 NEEP Summit
June 13, 2016

DemandLink Rhode Island

- Two feeders serve 5,200 customers
 - ◆ 80% Residential, 20% Small Commercial
 - ◆ Summer Afternoon/Evening Peak
- Preferred Wires Solution
 - ◆ Construction of a 3rd feeder to serve area beginning in 2014
- NWA Proposal:
 - ◆ Create 1MW of load relief 2012-2017
 - ◆ Defer 3rd feeder by 4 years
- NWA deemed cost effective through modified total resource cost test



DemandLink Rhode Island

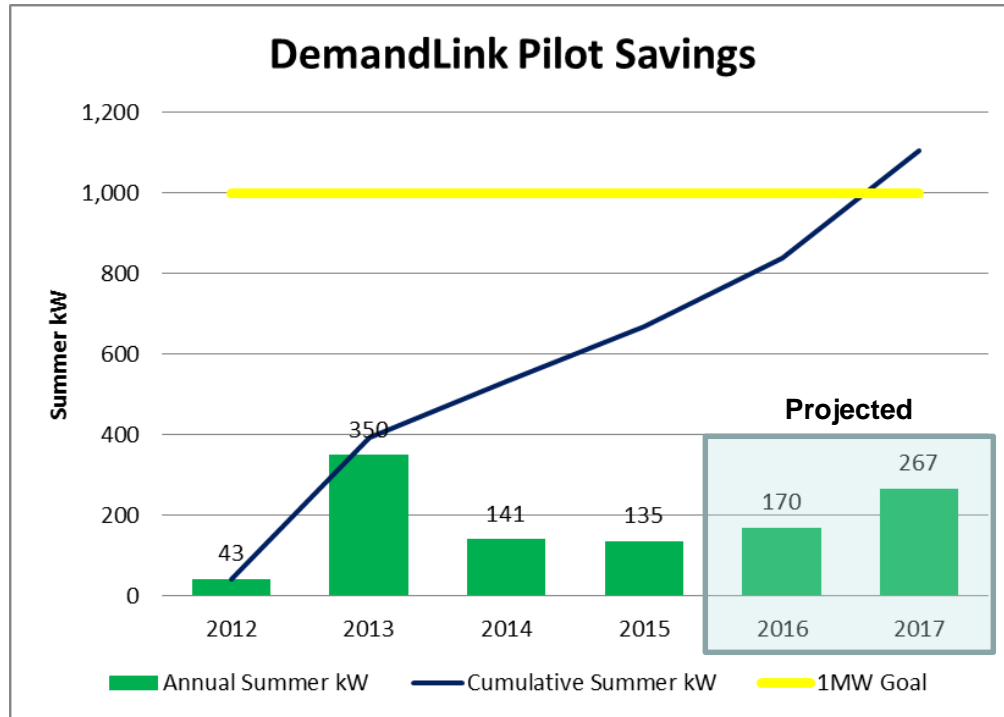
➤ Energy Efficiency

- ◆ Targeted marketing to increase volume of existing programs
- ◆ Enhanced rebates for:
 - Wi-fi thermostats
 - Plug devices
 - Heat pump water heaters
 - Window ACs
 - Window AC Recycling

➤ Demand Response

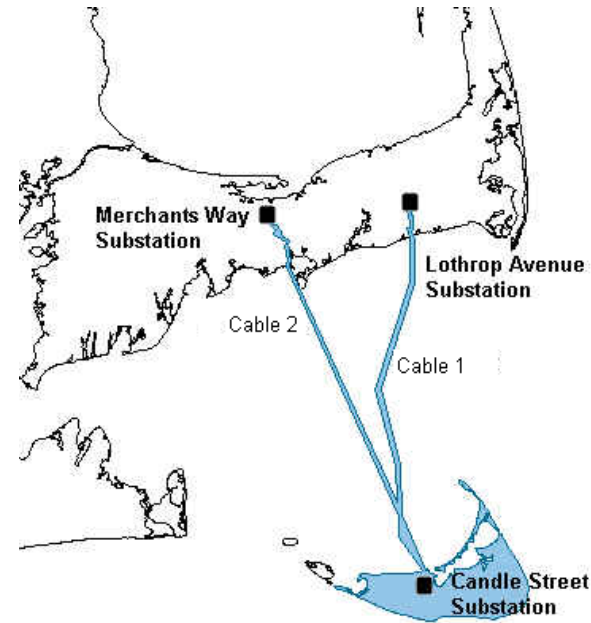
- ◆ Active dispatch of wi-fi thermostats on central AC units
- ◆ Active dispatch of plug devices on window AC units

DemandLink Rhode Island

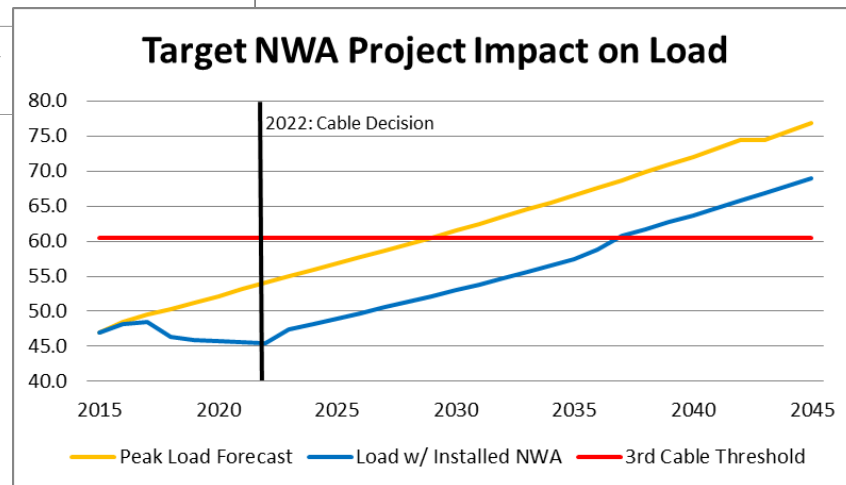
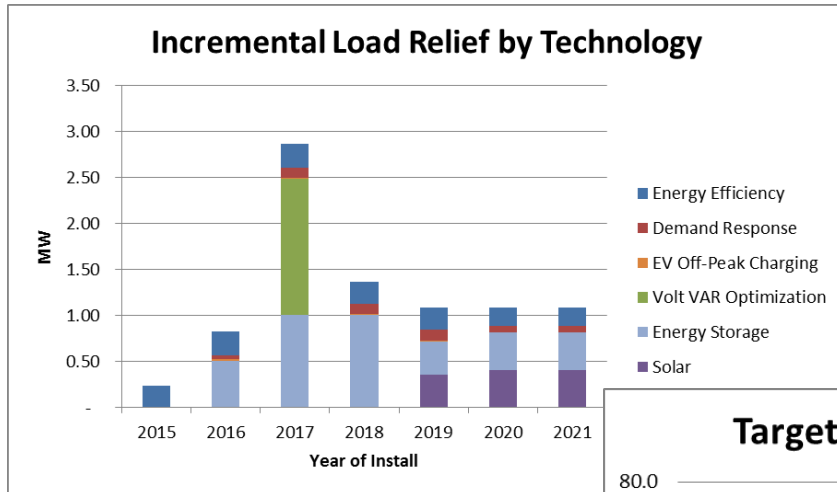


DemandLink Nantucket

- Two undersea cables serve the island's load (36MW/38MW)
- Each cable serves ~half of the electric demand under normal conditions
- If one cable goes down, all electric demand is served by the other cable, and, if needed, diesel generators are used to supply some of the load
- Peak electric demand in 2015 was 45MW
- 3rd cable currently forecasted for 2029



DemandLink Nantucket



Thank You

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