

2017 System Reliability Procurement Report

Presentation to the
RI Public Utilities Commission
December 8, 2016



2015/2016 Review of NWAs

- 19 distribution projects initiated
- 1 project passed initial screening criteria
 - ◆ Bristol/Warren substations required 11MW of load relief by 2022 (approximately 18,000 customers)
 - ◆ Traditional wires solution cost estimated to be \$2Million
- Partial solutions process incorporated into the SRP Standards revisions to be proposed

Tiverton Pilot – Load Forecast

- Data available from 2015 indicates substation upgrade can be deferred by at least one more year.
- Growth rates have evolved
 - ◆ Tiverton (0.6%) and Little Compton (0.8%) are still higher than statewide (0.4%)
 - ◆ Initial forecast (2011) closer to 2.6%

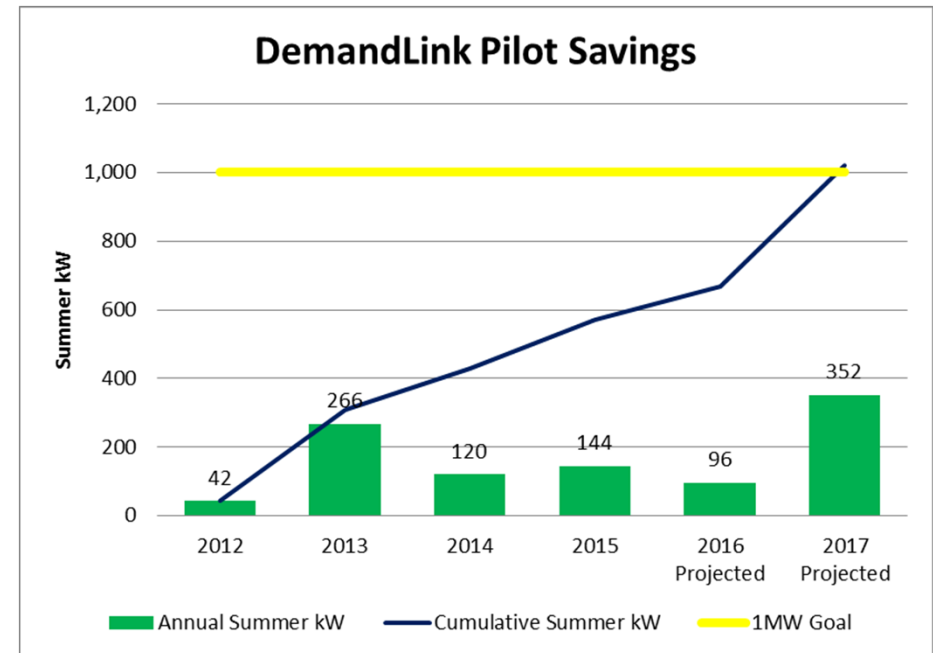
Tiverton Pilot – Update on Implementation

➤ 2016 Plan

- ◆ Integrating with ConnectedSolutions DR pilot
- ◆ Find Your Four targeted outreach achieved ~100 assessment sign-ups
- ◆ 18 DR events (9 in July, 8 in August, 1 in September)
- ◆ EW Leads continue to be strong, but not enhanced offers

➤ 2017 Plan

- ◆ Continue existing incentives for AC, water heating
- ◆ Request for proposals
- ◆ Advanced meter pilot



SRP 2017 - Quantitative Analysis

- With 2012 - 2015 actual results, 2016 projections and 2017 planned numbers:
 - ◆ Tiverton Pilot is still cost effective at 1.32.
 - ◆ Pilot still on track to meet goals:
 - Create 1MW of load relief by end of 2017
 - Defer substation upgrade by 4 years
 - ◆ OER SRP Solar DG Pilot projected to provide additional peak impact; evaluation is ongoing
- 2017 proposed budget: \$399,302
 - ◆ Bill charge projected to be ~\$0.00002 with incorporation of fund balance