



SOUTH FORK PEAK SAVERS

CUSTOMER – SITED SOLUTIONS

BRUCE HUMENIK, APPLIED ENERGY GROUP

CENTER FOR INTEGRATED ELECTRIC ENERGY SYSTEMS

OCTOBER 5, 2017

WHO WE ARE



- AEG provides consulting, technology and outsourcing services to more than 75 utility clients
- Founded in 1981, headquartered in Islandia
- 70+ energy professionals
- Focus on Energy Efficiency and Renewable Programs

SOUTH FORK ENERGY ISSUES

- Significant Energy Growth
 - More than 2X Long Island as a whole
 - Energy use per customer increasing
- Geographic location challenges
 - More than 75% electric peak demand → Residential
- REV (Reforming the Energy Vision)
 - “fundamentally change the way that electricity is generated, distributed, managed and consumed”
- Engaging 3rd Party contractors for Non-wire alternative solutions (NWA)

AEG SOLUTIONS – DIRECT LOAD CONTROL



SOUTH FORK PEAK SAVERS

Direct Load Control

- Central Air Conditioning via NEST thermostats
 - Existing NEST thermostat offer: Cash incentive or NEST products/discounts
 - \$25 per year for participation
 - New NEST thermostat offer: Free NEST thermostat/Direct installation if needed
 - \$25 per year for participation
- Window A/C via ThinkEco modlets

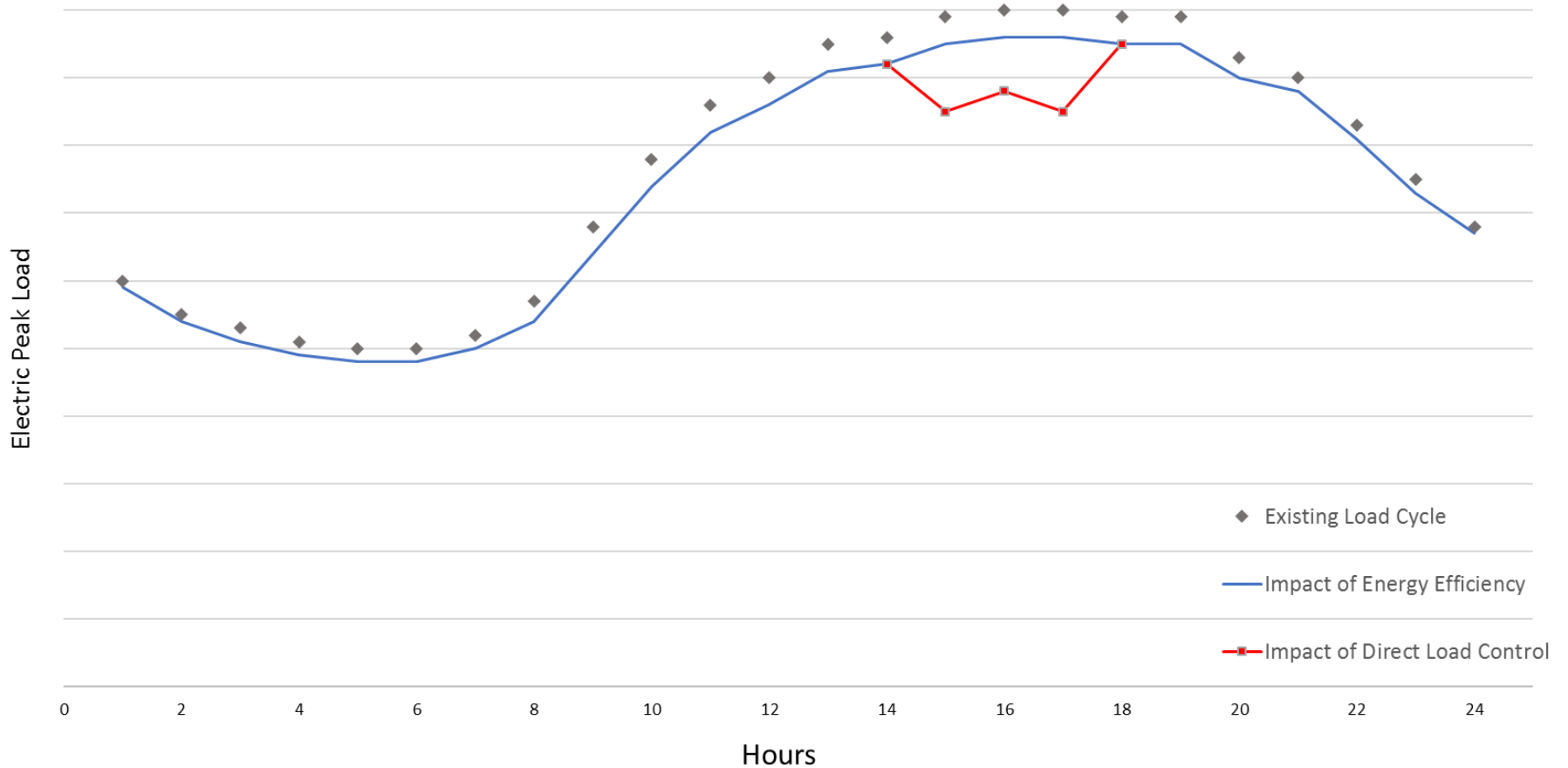
AEG SOLUTIONS – ENERGY EFFICIENCY

SOUTH FORK PEAK SAVERS

Energy Efficiency

- Pool pump replacements:
 - \$250 rebate added to the \$350 rebate from PSEG LI
 - Additional \$100 contractor incentive per installation
- Lighting retrofits
 - Direct Installation and 30% added to the existing PSEG LI rebates
- A/C retrofits
 - 30% added to the existing PSEG LI rebates
- Other opportunities
 - Financing and Energy Performance Contracts for Schools, Municipalities, etc.

SOUTH FORK PEAK LOAD CYCLE REPRESENTATION



KEYS TO IMPLEMENTATION

Outreach

- Publicizing that there is an energy issue, but there are **solutions**
- Strong community partnerships
 - Municipalities
 - Civic, environmental groups
 - Business associations
 - Trade Allies

Overcoming barriers to participation

- Emphasizing personal and regional benefits
- Overcoming cost barriers
- Ease of participation