Energy Leadership at the Local Level

CMEEC Overview for the Connecticut Power and Energy Society’s (E3) Conference

March 9, 2016
CMEEC Summarized

• Joint Action Agency
  – Conn. Gen. Stat. Sec. 7-233

• CT Municipal (MEU) Owned
  GU – NPU – BLP – SNEW – TTD - JCDPU

• Electric Products
  – CT & MA – 2.5 MM MWh / 2.5 B kWh
  – Customized Portfolio Services
  – ~6-7% CT Electric Energy
  – Common Services Offerings

Energizing Customer & Community Prosperity
Municipal Electric Utilities

- Oversee community energy supply
- Sponsor energy conservation
- Partake in economic development
- Collaborate to make energy efficient choices for community assets
- Provide renewable energy choice
- Promote emerging energy technology
MEUs and CMEEC Practices that Enrich Communities

- **Customer Service**
  - Customer reach outs to understand needs
  - Offer service contracts that meet customer profiles

- **Economic Development**
  - Participate in regional and state development programs
  - Proactive customer retention

- **Promote Energy Conservation**
  - Informing programs keeping savings opportunities front and center
  - Incentives and grants
  - Audits and follow on Services
  - Time of Use and load shedding programs
MEUs and CMEEC Create Value with Energy Choices that Leverage Community Assets

• Community Solar Gardens – site opportunities
• Energy Storage – battery and ice
• Anaerobic digesters & fuel cells
• Encourage distributed generation and combined heat and power (CHP)
  • Adds resiliency and higher power quality
  • Improves energy efficiency and lowers costs
  • Retains & grows jobs by aiding competitiveness
  • Reduces impacts with renewables & cleaner fuels
Recent CMEEC and MEU Projects

• 50 MW Microgrid for resiliency
• 8 MW Subase emergency generation
• Competitive supply in MA to help solve community challenges of high cost and price volatility
• 15 MW community solar gardens in SECT with commercial operation 2016
• Service contract Metropolitan District Commission
• Large conservation initiative with US NAVY
• Smart Meter Installations
### CMEEC Solar Farms Project

<table>
<thead>
<tr>
<th>Project Location</th>
<th>Approximate Size (MWac)</th>
<th>Current Status</th>
<th>COD</th>
</tr>
</thead>
<tbody>
<tr>
<td>Brush Hill Road (Bozrah)</td>
<td>2.5</td>
<td>Under Construction</td>
<td>Q1 2016</td>
</tr>
<tr>
<td>Mountain Ash Farm (Norwich)</td>
<td>3.5</td>
<td>Under Construction</td>
<td>Q1 2016</td>
</tr>
<tr>
<td>Mountain Ash Farm Storage (Norwich)</td>
<td>0.75</td>
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<td>Rogers Road, Greenfields (Norwich)</td>
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<td>Rogers Road, Landfills (Norwich)</td>
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<td>Permitting Phase</td>
<td>Q2 2016</td>
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<tr>
<td>Poquonnock Road (Groton)</td>
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<td>Permitting Phase</td>
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<td>SUBASE - Trident (Groton)</td>
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<td>Design Phase</td>
<td>Q3 2016</td>
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<tr>
<td>SUBASE - Polaris (Groton)</td>
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<tr>
<td>SUBASE - Polaris Storage (Groton)</td>
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<td>Q3 2016</td>
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<tr>
<td>SUBASE - Pelican (Groton)</td>
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<tr>
<td><strong>Total Solar</strong></td>
<td><strong>17</strong></td>
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<td></td>
</tr>
<tr>
<td><strong>Total Storage</strong></td>
<td><strong>1.5</strong></td>
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