Equitable Modern Grid: Release of Final Requests for Program Design and Proposals

Docket Nos. 17-12-03RE01 – RE06

May 6, 2020
Equitable Modern Grid Webinar

Agenda:

Equitable Modern Grid Overview
Today's Notice
Requests for Program Design / Proposals
Next Steps and Processes
Overview of Each Request by Staff
Program Design / Proposal Deadlines
Questions?
Request for Proposals

Energy Affordability

Residential Affordability
- RFP for a marketing campaign consultant approved by PURA and issued by Eversource and United Illuminating May 1, 2020
- Purpose of consultant to ensure existing energy assistance programs are being communicated and marketed as effectively as possible

Commercial and Industrial Affordability
- RFP for Public Forum listening session with stakeholders
- Purpose to: (1) learn more about current work on energy affordability; (2) identify the most impactful barriers to affordability and equity; and (3) hear potential solutions to those barriers
Objectives:
• Develop business case for statewide deployment of AMI
• Enhance use of existing assets/infrastructure
• Implement strategically to maximize value to companies and customers

<table>
<thead>
<tr>
<th>Proposals</th>
<th>Proposal Categories</th>
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<tr>
<td>Detailed Business Plan</td>
<td>Benefits</td>
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<td>Costs</td>
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<td>Implementation Plan for leveraging value created by AMI technology</td>
<td>Strategies to Deliver on Business Case Objectives (Operational Efficiencies, Customer Engagement, Rate Design)</td>
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<td>Deployment Timeline</td>
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<td>Metrics and Evaluation</td>
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<td>Customer Engagement</td>
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<td>Data Privacy and Security</td>
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<td>Cost Recovery</td>
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Changes to draft Request for Proposals

- Refinements to Proposal Categories based on feedback to the draft
- Allow for an additional comment period to assist the EDCs in development of their proposals
Objectives:

1. Provide positive net present value to all ratepayers
2. Provide multiple types of benefits to the electric grid, including, resilience, peak shaving, and supporting the deployment of other distributed energy resources, etc.
3. Foster the sustained, orderly development of a state-based electric energy storage industry

Program Designs:

Accepting proposals (1) that benefit any customer class and (2) allow any configuration (behind-the-meter or front-of-the-meter; standalone, coupled, or co-located) that meet the above objectives
Objective: Enable Connecticut's commitment to the ten state ZEV MOU (125,000 – 150,000 EVs by 2025)

RFPD Solicits Proposals Across Six ZEV Program Areas:

1. Residential Level II Charging (Single-Family)
2. Residential Level II Charging (Multi-Unit Dwellings)
3. Publicly Accessible Direct Current Fast Charging
4. Publicly Accessible Level II "Destination" Charging
5. Workplace Level II Charging (including light-duty fleets)
6. Low-to-Moderate Income Customer Electrified Mobility Study
Request for Proposals

Objective: Develop a structure to support the ongoing development and deployment of innovative technology applications in Connecticut

Investigation: Leverage lessons learned from Connecticut’s EEP Program, as well as other best-in-nation programs

RFP Solicits Proposals for a Consultant Expert In:

1. Electric utility regulatory sandboxes
2. State-level programs for innovation
3. Design of state-level programs and processes
4. Public utility commissions
Objectives:
• Improve existing interconnection standards/guidelines/procedures
• Decrease costs of interconnection process
• Address emerging issues:
  – Facilitate interconnection of DERs, ZEVs, storage applications
  – Regional coordination and transmission interconnections

RFP establishes a 2 Track proposal process:
• Track 1: 100-day sprint to consult existing WGs
• Track 2: RFP for standing working group(s) and policies
Request for Proposals

Interconnection Standards

Track 1 Sprint Working Group
- Members: Prosecutorial staff of the Authority, EDCs, Developers, OCC, DEEP, CIEC
- Assignment: Consult existing groups and issue recommendations
- Timeline: May 11 to August 19

Track 2 Proposals (Due September 16)
- Standing Working Group Structure
- Interconnection policy recommendations
- Advanced technologies
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<tr>
<th>RE01 – Energy Affordability</th>
<th>RE02 – Advanced Metering Infrastructure</th>
<th>RE03 – Electric Storage</th>
<th>RE04 – Zero Emission Vehicles</th>
<th>RE05 – Innovation Pilots</th>
<th>RE06 – Inter-connection Standards</th>
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<tr>
<td>Attachment A – Sprint Track 4 Consultant</td>
<td>Attachment B – C+I Public Forums</td>
<td>May 1&lt;sup&gt;st&lt;/sup&gt; (EDCs Issued)</td>
<td>May 6&lt;sup&gt;th&lt;/sup&gt;</td>
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<td>FINAL RFP ISSUANCE</td>
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<td>PROPOSAL DEADLINE</td>
<td>May 21&lt;sup&gt;st&lt;/sup&gt;</td>
<td>June 1&lt;sup&gt;st&lt;/sup&gt;</td>
<td>July 31&lt;sup&gt;st&lt;/sup&gt;</td>
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<td>OTHER DEADLINE</td>
<td>Consultant Start by June 12&lt;sup&gt;nd&lt;/sup&gt;</td>
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<td>Comments to EDCs by June 5&lt;sup&gt;th&lt;/sup&gt; (optional)</td>
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Questions?

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Connecticut Public Utilities Regulatory Authority