

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

Docket Nos. 17-12-03RE01 – RE06

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Connecticut Public Utilities Regulatory Authority

# Equitable Modern Grid Webinar

## **Lead Commissioner:**

Chairman Marissa P. Gillett

## **PURA Technical Staff:**

Joshua Ryor, Advisor to the Chairman

Stefanie Keohane, Rate Specialist

Stephen Capozzi, Public Utilities Engineer



# 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



# Request for Proposals



## Advanced Metering Infrastructure

### Objectives:

- Develop business case for statewide deployment of AMI
- Enhance use of existing assets/infrastructure
- Implement strategically to maximize value to companies and customers

Proposals	Proposal Categories
Detailed Business Plan	Benefits
	Costs
Implementation Plan for leveraging value created by AMI technology	Strategies to Deliver on Business Case Objectives (Operational Efficiencies, Customer Engagement, Rate Design)
	Deployment Timeline
	Metrics and Evaluation
	Customer Engagement
	Data Privacy and Security
	Cost Recovery



# Request for Proposals



## Advanced Metering Infrastructure

### 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



# Request for Program Design Proposals



## Electric Storage

### 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



# Request for Program Design Proposals



## Zero Emissions Vehicles

**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



## Innovation Pilots

**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



# Request for Proposals



## Interconnection Standards

### 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



# Proposal Deadlines

	RE01 – Energy Affordability		RE02 – Advanced Metering Infrastructure	RE03 – Electric Storage	RE04 – Zero Emission Vehicles	RE05 – Innovation Pilots	RE06 – Inter-connection Standards
	Attachment A – Sprint Track 4 Consultant	Attachment B – C+I Public Forums					
FINAL RFP ISSUANCE	May 1 <sup>st</sup> (EDCs Issued)	May 6 <sup>th</sup>					
PROPOSAL DEADLINE	May 21 <sup>st</sup>	June 1 <sup>st</sup>	July 31 <sup>st</sup>	July 31 <sup>st</sup>	July 31 <sup>st</sup>	June 1 <sup>st</sup>	(Track 2) September 16 <sup>th</sup>
OTHER DEADLINE	Consultant Start by June 12 <sup>nd</sup>	-	Comments to EDCs by June 5 <sup>th</sup> (optional)				(Track 1) Sprint report due by August 19 <sup>th</sup>



# Questions?

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