



Connecticut Department of Energy and Environmental Protection



Connecticut Department of
**ENERGY &
ENVIRONMENTAL
PROTECTION**

2019 DGFWG: CT Policy Update

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Connecticut Department of Energy and Environmental Protection

Presentation Outline

- Update on Current Programs
- Update on Future Programs



Image from ctgreenbank.com



Summary of Current Programs

- DEEP Procurements
 - 4.98 MW likely to come online in 2020 from Small Scale Procurement
- Shared Clean Energy Facility Pilot (SCEF Pilot)
 - 3.6 MW likely to come online in 2020; 1.62 MW came online in 2019
- Residential Solar Investment Program (RSIP) + Net Metering
 - Current program to end once 350 MW has been reached; predicted to reach 350 MW by Q3/Q4 of 2020
 - Once RSIP is completed, the program will be net-metering through the end of 2021 and then transition to the tariff structure put forth in PA 18-50 and amended by PA 19-35 beginning in 2022
- LREC/ZREC Program + Net Metering
 - Year 8 procurement results are complete and approved
 - Years 7 and 8 small ZREC were combined into one offering and still ongoing



Summary of Future Programs

- Public Act 19-35: signed June 28, 2019
 - Extends net-metering until December 31, 2021
 - New tariff structures will start at the end of net metering program, on or after January 1, 2022
 - Connecticut Green Bank predicts that in 2021 at least 10 MW of the RSIP program will come exclusively from net-metering
 - Extends RSIP by an additional 50MW (350 MW total)
 - Extends LREC/ZREC for two additional years (Year 9 and Year 10), \$8M per year authorized
 - Year 9 Schedule has been proposed, with Year 9 LREC/ZREC auction in 2020 and small ZREC anticipated to open in Q1 of 2021



Update on Current Programs



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DEEP Procurements

- Current ongoing project will likely come online in 2021

Project Name	Project Size	Location	In Service Date
GRE-15-NORTH HAVEN-CT	4.98 MW	North Haven, CT	2021

- This is the same update provided in last year's presentation
 - In-service date was delayed in accordance with PPA terms
 - 13.83 MW of DG wind projects below 5MW were also selected in this procurement (5 MW in MA, 5 MW in VT, and 3.83 MW in CT)



SCEF Pilot

- Below are the approved SCEF pilot projects, including size, location, and estimated in service date:
 - Bloomfield SCEF project (1.62 MW) came online August 2019

EDC Territory	Project Name	Project Size	Location	In Service Date
Eversource	Riverside Thompson SCEF	2 MW	Thompson, CT	2020
Eversource	Town of Bloomfield CSP	1.62 MW	Bloomfield, CT	2019
UI	USS Shelton	1.6 MW	Shelton, CT	2020

- The above in service dates are estimates based on the best available project and EDC information
 - Riverside Thompson project (2 MW) is currently filing for a 6 month extension, now expected to come online in May 2020
 - USS Shelton (1.6 MW) is on schedule to come online in December 2020



Current Residential Solar Programs

- The current RSIP, and Solar Home Renewable Energy Credit (SHREC) program, will end once the RSIP reaches 350 MW_{DC}
 - As of November 25th, the Connecticut Green Bank (CGB) approved 305 MW_{DC}
 - The Connecticut Green Bank (CGB) estimates 350 MW_{DC} of approved capacity will be reached by the end of Q3 / the beginning of Q4 of 2020:

Residential Solar Completed Projects (i.e. interconnected)	
Date	Total Capacity (MW _{AC})
Estimated by end of 2019	233*
Estimated by end of 2020***	276**
Estimated by end of 2021	308
Estimated by end of 2022	348

* Assuming an additional 4 MW_{AC} estimated in December, ** assuming 42.5MW added each year



Current LREC/ZREC Program

- Auctions for LREC and Medium and Large ZREC systems occur at the same time
 - Solar systems are eligible for both LREC and ZREC auctions
 - Eversource Year 8 RFP results were submitted under Order No. 5 in Dkt. No. 11-12-06 on November 5, 2019 and approved by PURA
 - UI Year 8 RFP results were submitted under Order No. 5 in Dkt. No. 11-12-06 on November 8, 2019 (pending approval)

LREC/ZREC Contracted Capacity (i.e. cumulative selected in auction)		
Date	Eversource Capacity (MW _{AC})	UI Capacity (MW _{AC})
As of Dec 5 th	398	109.85
LREC/ZREC In Service Capacity (i.e. cumulative interconnected)		
Date	Eversource Capacity (MW _{AC})	UI Capacity (MW _{AC})
As of Dec. 5 th	174.6	36.68

- Year 7 and 8 small ZREC offering is ongoing



Update on Future Programs



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Details on Future Programs

- Program design and implementation for net metering successor tariffs to occur in PURA Docket No. 17-12-03RE09
 - With the passage of PA 19-35 and the extension of net-metering program, Docket No. 18-08-33 was suspended to allow for DEEP/PURA value of DER study to occur first
 - New reopener to implement successor programs to net-metering, RSIP, and LREC/ZREC
 - Reopener expected to begin proceedings in 2020



Details on Future Programs

- Shared Clean Energy Facility (SCEF) Statewide Program
 - Public Act 19-35 authorizes 25 MW / year cap for six years (150 MW total)
 - PURA is in the process of reviewing and approving program rules in Dkt. No. 19-07-1 to implement statewide SCEF program
 - Draft decision on updated SCEF program requirements published Nov. 29, 2019 with first solicitation to occur in 2021
- Residential Program Successor
 - Two tariff offerings at expiration of the RSIP: “Buy-All” and a netting tariff with a daily or sub-daily netting interval chosen by PURA
 - To be discussed in 17-12-03RE09
 - Uncapped MW / year
- LREC/ZREC Program Successor
 - To be discussed in 17-12-03RE09
 - Same two tariff structures as RSIP successor; the EDCs have submitted a draft procurement plan for this program in Docket No. 18-08-33
 - Competitive auctions to set rates; first solicitation year 2020
 - 50 MW / year cap for six years (300 MW total)



Questions?

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