



Connecticut Department of Energy and Environmental Protection



Connecticut Department of
**ENERGY &
ENVIRONMENTAL
PROTECTION**

2020 DGFWG: CT Policy Update

Raagan Wicken
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Connecticut Department of Energy and Environmental Protection

Presentation Outline

- Update on Current Policies
- Update on Forward-Looking Policies



Image from ctgreenbank.com



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Update on Current Policies



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Summary of Current Policies / Progress

- DEEP Procurements
 - 4.98 MW of solar likely to come online in Dec 2020 from DEEP Small Scale Procurement
- Shared Clean Energy Facility Pilot (SCEF Pilot)
 - 3.6 MW likely to come online in 2020
 - Year 1 of SCEF Procurement is underway.
- Residential Solar Investment Program (RSIP)
 - The RSIP program was extended to April 2021.
 - The program cap was increased to 382MW
 - The program has currently approved 305.28 MW_{AC}
- LREC/ZREC Program
 - Years 9 and 10 RFP was approved by PURA on December 2, 2019.
 - Years 9 Small ZREC is expected to begin in Q1, 2021.
 - Bid selection is ongoing in PURA Docket 19-06-36.



DEEP Procurements

- **Current ongoing solar project will likely come online in 2020**

Project Name	Project Size	Project Type	Location	In Service Date
GRE-15-NORTH HAVEN-CT	4.98 MW	Solar	North Haven, CT	Dec 2020

- 13.5 MW of DG wind projects below 5MW were also selected in this procurement (5 MW in MA, 5 MW in VT, and 3.5 MW in CT)



SCEF Pilot Update

- Below are the approved SCEF pilot projects, including size, location, and estimated in service dates:

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



SCEF Year 1 Procurement

- PURA released its final decision on the SCEF Program in Docket No. 19-07-01 on 12/18/2019
- Year 1 SCEF Procurement process is ongoing
 - PURA has asked Eversource and United Illuminating to reevaluate certain information that had originally led to the disqualification of multiple bids.
 - Final selection will be based off the outcome of the ongoing reevaluation
 - Bids were originally due on July 13, 2020, due date was extended to July 27, 2020 due to COVID 19 Pandemic
 - 30 qualified bids were received for YR1
 - The Program is expected to reach its YR1 capacity of 25MW
- PURA Docket No. 19-07-01RE01 is ongoing to determine subscription process for SCEF program



Current RSIP

- The current RSIP and Solar Home Renewable Energy Credit (SHREC) program has been extended through April 2021 with an increased cap of 382MW due to the COVID-19 pandemic
 - As of November 27, 2020 the Connecticut Green Bank (CGB) approved 305.28 MW_{AC}

RSIP Completed Projects (i.e. interconnected)	
Nov 2020	Total Capacity (MW _{AC})
Total by end of 2019	241.15
Estimated by end of 2020	276.56*

*28.71MW_{AC} were approved in 2020 but have not yet come online.

- Similar capacity (~60MW) is expected for 2021 and 2022 while the industry transitions to new tariff structure being discussed in PURA Docket No. 17-12-03RE09 and 20-07-01



Current LREC/ZREC Program

- Auctions for Medium and Large ZREC systems occur at the same time; Year 9 and 10 RFP schedules were submitted August 15th, 2019 and approved December 2nd, 2019 in Docket No. 19-06-36
 - Year 9 RFP results will likely be available in Q1 of 2021.

LREC/ZREC Contracted Capacity (i.e. cumulative selected in auction)		
Date	Eversource Capacity (MW _{AC})	UI Capacity (MW _{AC})
As of Nov. 23	365.06	112.70
LREC/ZREC In Service Capacity (i.e. cumulative interconnected)		
Date	Eversource Capacity (MW _{AC})	UI Capacity (MW _{AC})
As of Nov. 23	196.93	39.15

- The final procurement for Medium and Large ZREC, Year 10 is expected to begin in 2021.
- Year 9 for Small ZREC is expected to begin in Q1 of 2021.
 - Year 7 and 8 Small ZREC solicitation is still ongoing.
 - Year 9 Small ZREC will begin January 4, 2021



Update on Forward-Looking Policies



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Summary of Forward-Looking Policies

- Current policies in the future
 - RSIP has been extended to April 2021
 - LREC/ZREC YR9 procurement is ongoing
 - LREC/ZREC Med and Large YR10 and Small ZREC YR9 procurements are expected to begin in 2021.
- Program design and implementation for the net metering, RSIP, and LREC/ZREC successor tariff is occurring in 20-07-01.



Details on Forward-Looking Policies

- Shared Clean Energy Facility (SCEF) Statewide Program
 - USS Shelton from SCEF Pilot program came online in September, 2019.
 - Riverside Thompson SCEF is expected to come online in December, 2020.
 - The Year 1 SCEF Procurement Process is ongoing.
 - 25 MW / year cap for six years (150 MW total)
 - PURA Released its final decision in Dkt. No. 19-07-01 on December 18th, 2019.
- RSIP + Net Metering 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
 - Currently being discussed in Dkt. No 17-12-03RE09 and 20-07-01.
 - Uncapped MW / year
 - Reasonable to expect current rate (~60MW) of incremental capacity will continue
- LREC/ZREC Program + Net Metering Successor
 - Currently being discussed in Dkt. No. 20-07-01.
 - Same two tariff structures as RSIP successor;
 - Competitive auctions to set rates; first solicitation year 2020
 - 50 MW / year cap for six years (300 MW total)



Questions?

Contact Information

Raagan Wicken(Raagan.Wicken@ct.gov)

Claire Sickinger (Claire.Sickinger@ct.gov)

CT Department of Energy and Environmental Protection

Bureau of Energy and Technology Policy

10 Franklin Square

New Britain, CT 06051

