

GreenerGovCT
Energy Efficiency Project Team
Meeting # 1: August 28, 2019 11:00am – 1:00pm

In Attendance:

Joe Danao, DVA	Paul Hinsch, OPM
Ryan Ensling, DEEP	Amanda Stevens, UI
Dan Fisher, DPH	Liz Murphy, UI
Mary Soto, DEEP	Andy Brydges, Eversource
Laura Jovino, Judicial	Mackey Dykes, CT Green Bank
Don Poulin, DAS	John Lombardi, UCONN Health
Robert Cody, DESPP	
Bernie Szreders, DMHAS	VIA TELECONFERENCE:
Thomas Levesque, DOC	Alex Balzano, State Education Resource Ctr
Dominic Carew, Dept. of Housing	Clair Coleman, OPM
Jon Andrews, DOT	John Kibbee, Eversource

Review the team goals:

- Work with the utilities to promote programs available to state agencies and facilitate auditing of state buildings.
- Summarize state experiences and literature on well-established efficiency measures and implementation practices.
- Develop plan for implementing widespread and comprehensive efficiency projects and
- Written SOPs to take the deployment process and make it part of business as usual (BAU) for a state agency.

Brief review of the GreenerGov website: <https://portal.ct.gov/GreenerGov>

By clicking on Project Teams, then using Toolkits, the user will be directed to Energy Efficiency in State Buildings and given two options to complete energy improvement projects at the their buildings and facilities through either Utility-Administered Programs or Bond Funding. As a group we will have the ability to edit the energy efficiency website. Ryan has uploaded an SOP for the Bond Funding option. *Later deliverables should include an SOP for the Utility Administered Programs and document successful efficiency projects.*

Challenges Facing Agencies:

- The current Master Agreement (MA) between the Utilities and the State which is limited is under review to expand the services that can be provided by the Utilities. The current MA expired at the end of 2018 and is the process of being updated.
- Ensure each Agency consistently submits requests (SOP should resolve this issue)
- Educate the Agencies on the order of events for project processing and how can this be streamlined to meet EO1 goals
- Flag priority projects as to not lose the smaller, yet quicker payback projects
- Flag what internal and external processes have been challenging to overcome and make more streamlined
- Benchmark the projects against measurable goals and standards
- Create a spreadsheet or dashboard with status tabs (i.e. project identified, audit completed, funding received, project commenced, project completed).

As part of the Utility Administered Project SOP, it will be stressed that the Agency preparation for the project is vital or their project may be delayed. To be defined once SOP is being written, but include:

- Current Information on the facilities
- Are there any capital improvements planned?

- Will there be new or revised usage in the buildings?
- Are there future plans to surplus the building?
- Is EnergyCAP up to date?

The Master Agreement between the State and Utilities should resolve many legal questions, but expect the business office to have questions.

Energy CAP upcoming deadlines

September 5, 2019: Level 1 complete

Your agency will initiate contact with your personal EnergyCAP liaison to help train your Accounts Contact to upload your agency's **current invoices**. Current invoices are defined by EnergyCAP as bills with an end date within 60 days of the upload date.

Each agency will scan and upload all relevant utility invoices including Electricity (United Illuminating, municipal), Natural Gas (CNG, SCG), Water (water, sewer, fire protection), and Delivered Fuels (gasoline, diesel, propane, kerosene) into EnergyCAP's bill upload platform: BillCAPture. No need to scan Eversource Electric or Eversource Natural Gas invoices – we already receive these automatically from the vendor.

For those facilities that receive water from a public water system, your agency should upload all water-related invoices including: Water, Steam, Sewer, Chilled Water, Hot Water, and Fire Protection, following the levels of the data collection checklist.

December 6, 2019: Level 2 complete

Once you have completed level 1, please reach out to your EnergyCAP liaison to have them send your Building Inventory Sheet. This is a spreadsheet designed for you to cross-check what is currently in our system for buildings, accounts, and meters with your agency-specific inventory of this information.

In this spreadsheet you will update all relevant building information and all associated meters with each building. This is estimated to be completed mostly by your Facilities Contact with the assistance of your agency's EnergyCAP liaison.

Another critical component of the Building Inventory sheet is to distinguish which of your facilities receive their water from a public water supply system and which receive it from onsite supplies (wells/surface water). For those facilities not on a public water system, producing their water from onsite supplies, alternative baseline development methodologies will be provided on a case-by-case basis.

April 2020: Level 3 complete

With the help of your EnergyCAP liaison, your agency will scan and upload any and all historical utility invoices, including electricity, natural gas, gasoline, propane, fuel oil, water, fire protection, and sewer, back through **January 2018**. No need to scan Eversource Electric or Eversource Natural Gas invoices – we already receive these automatically from the vendor

Utilities Power Point Presentation

A presentation showing the incentive programs available was given by Eversource and UI. Once the PowerPoint is finalized, it will be emailed to all Energy Efficiency Project Team members.

It is anticipated that the window for lighting incentives is only two – three years. It is important that Agencies are made aware of this and take advantage of the incentives while they are available.

It will be important to educate Agencies regarding the opportunities available through the Small Business Energy Advantage Program. The current Master Agreement should pave the way for all Agencies to tap into the program and once the Agreement is expanded the State will be able to take advantage of Independent Engineers and Retro-Commissioning. The

current Master Agreement does allow for no cost energy audits that conclude with a proposal and an option of moving forward with the project using procured contractors with fixed pricing. The project can be financed on the utility bill at with no interest. One of the issues with on-billing financing; Agencies with larger facilities the cap is met very quickly, making the program invalid. CT Green Bank is working with the Utilities to increase the cap to \$1m.

The Utilities suggested that by combining State Agency projects, the buying power will bring down prices of retro-commissioning.

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Engineering may be very important to the smaller agencies who may not have in-house engineering staff. The engineering services that would be available if the Master Agreement is expanded will allow for support during the project, including specifying materials, reviewing submittals and determining which products work best for individual agencies.

Next Steps

Meeting # 2 Date/Time/Location – TBD (Doodle poll to go out in a couple days, followed by the calendar appointment)

- 1) Each member should bring examples of one or two successful completed energy efficiency projects with energy saved data.
- 2) Each member should bring 1 to 2 sustainable energy strategies in practice now or anticipated to practice

DAS will forward the invite asking that a DCS representative attend the meeting and discuss options for Engineering Services available to State Agencies.

A State Sustainability Officer meeting has been scheduled for Friday, 9/6 from 1:00pm – 2:30pm. Each team will be providing an update. All members of the project teams are welcome to attend the SSO meetings.