Agenda
• REC Funds and Program
• Big Ten Meeting
• Updates/Open Discussion
Since 2008, UConn has utilized an internal revolving green fund to support Energy Conservation Measures and Sustainability Initiatives. This fund is supported solely by CT Class III Renewable Energy Credits generated by our Combined Heat and Power Cogeneration Facility combined with rebates and incentives received through Partnership Agreements with Eversource, CNG, and Groton Utilities. Reduced on campus population allowed lower energy usage during the pandemic which in turn reduced the future funds available.
UConn averages about 120,000 RECs generated per year with summer and academic semester demand loads. We keep around 75% for reinvestment into future projects and return 25% back to the state.

The cost of RECs can vary anywhere from $10 - $37. Currently our RECs are worth about $15 each.

Twenty-five percent of the Renewable Energy Credits are returned to the Connecticut Clean Energy Fund for state wide energy conservation initiatives.

Husky Power Meets Storrs Campus Energy Requirements

- Electric Capacity: 24.9 Megawatts/Hour
- Steam Capacity: 600,000 Pounds/Hour
- Chilled Water Capacity: 10,300 Tons/Hour

1 REC = 1 MWh of electricity produced
REC Program – Utility Partnerships

MOU Term 2021-2024
Current Incentive Rates: $0.40 / kwh, $4.00 / ccf

MOU Term 2022-2024
Current Incentive Rates: $1.50/CCF saved up to 60% of installed cost for 1st 100,000 annual CCF saved*
$2.50/CCF saved up to 75% of installed cost for all additional CCF saved*

Commercial Lighting Program
Rebate not to exceed 40% or 30 cents per annual KWH saved. Maximum annual rebate not to exceed $100,000.
## REC Program – Ongoing Projects

<table>
<thead>
<tr>
<th>EE #</th>
<th>Campus</th>
<th>Project Name</th>
<th>Utility</th>
<th>Utility project number</th>
<th>Annual Savings (kWh)</th>
<th>Savings (kW)</th>
<th>Annual Savings (CCF)</th>
<th>Estimated MMbtu Savings (MMbtu)</th>
<th>Estimated cost of MMbtu ($)</th>
<th>Estimated carbon saved (metric ton)</th>
<th>Estimated cost of metric ton of carbon saved ($)</th>
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</thead>
<tbody>
<tr>
<td>22-007</td>
<td>Storrs</td>
<td>Torrey Life Science Greenhouse Insulation</td>
<td>CNG</td>
<td>TX9d</td>
<td>8,988</td>
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<td>22-017</td>
<td>Storrs</td>
<td>CO-GEN Plant - Air Compressor with VFD Replacement</td>
<td>Eversource</td>
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<td>22-026</td>
<td>Storrs</td>
<td>Gentry Building LED Retrofit</td>
<td>Eversource</td>
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<td>145,643</td>
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<td>496.95</td>
<td>443.61</td>
<td>86.06</td>
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Snapshot from the EE Team Project List
March 9, 2023 Meetings
Attendees
• St. Johns
• Georgetown
• Villanova
• Marquette
• Providence
• UConn
Carbon Neutral Task Force

Task Force Charge: "The Carbon Reduction Working Group will continue to support ongoing energy conservation efforts but will also identify, evaluate, and recommend specific cost-effective initiatives and actions within the larger context of the university’s available resources. This includes academic research and other programs, that will increase the use of clean and sustainable energy on UConn’s campuses and reduce environmentally harmful emissions. The goals of this group include UConn achieving carbon neutrality on its campuses by 2030, with the ultimate goal of zero carbon by 2040."

Members
Michael Jednak, AVP (Full Name & Title/Association)
Stan Nolan
Katie Milardo
Erica
Mary
Dylan
Lily
Lili
Liam
* Additional Support members have been invited to speak and share expertise.

Meetings:
Week 1: Introductions
Week 2: Energy Conservation Program
Week 3: Solar Projects
Week 4: Hydrogen
Week 5: Hydrogen Fuel Cells
Week 6:

News
Link to President Maric’s Testimony to the CGA
Relevant News Articles
Connecticut Hydrogen Task Force Report
Sustainability performance plan
Energy Conservation Program

The UConn Office of Energy Conservation has been continually trying to reduce the carbon footprint of the university compared to the 2001 baseline. UConn utilizes data from our metering systems to determine which buildings require intervention to make them more sustainable and efficient. This program includes projects such as SLED 1. Other projects include the installation of solar panels onto the Bus Stops and investigating larger solar canopy installation over existing parking lots. The Energy Conservation Program uses a combination of upgrading existing structures and improving design efforts in new structures to improve the energy efficiency of UConn's campuses.
President Radenka Maric has committed UConn to the goal of carbon neutrality by 2030. President Maric will be releasing her Sustainability Action Plan in the near future. She has spoken with the Connecticut General Assembly about the results of the Hydrogen Study Task Force linked below.
Open Discussion