UCHC Energy Project
Administrative Services Building Retro-Commissioning Project
2019 – 1st quarter

<table>
<thead>
<tr>
<th>Description</th>
<th>Total Installed Cost (before incentives)</th>
<th>Annual Electric Savings:</th>
<th>Annual Gas Savings:</th>
<th>Eversource Incentive Funding</th>
</tr>
</thead>
<tbody>
<tr>
<td>Building HVAC and Control System Improvements</td>
<td>$95,000</td>
<td>$37,968</td>
<td>$3,312</td>
<td>$68,432</td>
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<tr>
<td>Data Center Optimization</td>
<td>$36,500</td>
<td>$9,292</td>
<td>$0</td>
<td>$16,725</td>
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<td>$131,500</td>
<td>$47,260</td>
<td>$3,312</td>
<td>$85,157</td>
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</tbody>
</table>

Total Project Cost (Before incentives) $131,500
Project Annual Energy Savings $47,260
Calculated Simple Payback Period (Before incentives) 2.8 years

Utility Incentives Received $85,157
Net Project Cost $46,343
Net Simple Payback Period 1.0 Years

Project Description:
The UConn Storrs Facility Operations “Energy and Water Conservation Team” and the UCHC facility staff partnered to “retro-commission” the Administrative Services Building. In addition to energy savings, the project also provided the following benefits to UCHC:

- Replacement of the old pneumatic control system on the entire third floor with state of the art direct digital (DDC) controls
- Re-balancing HVAC air distribution systems
- Optimization of the data center cooling systems by sealing raised floor penetrations and upgrading “hot-isle/cold-isle” containment.
- Reprogramming and resequencing of building HVAC systems