

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

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



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