

UCHC Energy Project

Steam Pipe and Steam Trap Insulation

2018 – 3rd quarter

Total Project Cost (Before incentives)	\$62,133
Project Annual Energy Savings	\$40,235
Calculated Simple Payback Period (Before incentives)	1.5 years
Utility Incentives Received	\$26,943
Net Project Cost	\$35,190
Net Simple Payback Period	0.9 Years

Project Description:

The UConn Storrs Facility Operations team and the UCHC facility staff partnered to survey and repair steam pipe and steam trap insulation across the UCHC campus in CY-Q3 of 2018. These repairs resulted in better system performance, improved energy performance and lower operating costs.



Description:	Total Installed Cost (before incentives):	Annual Gas Savings:	CNG Incentive Funding
Steam trap survey of entire campus	\$ 6,200	NA	\$ 3,100
Repair broken steam traps	\$26,856	\$34,700	\$10,257
Install thermax steam trap insulation jackets/blankets	\$24,300	\$ 4,117	\$10,004
Repair or replace missing steam pipe insulation	\$ 4,777	\$ 1,418	\$ 3,582