



## Interior Community Health Center (IHC)

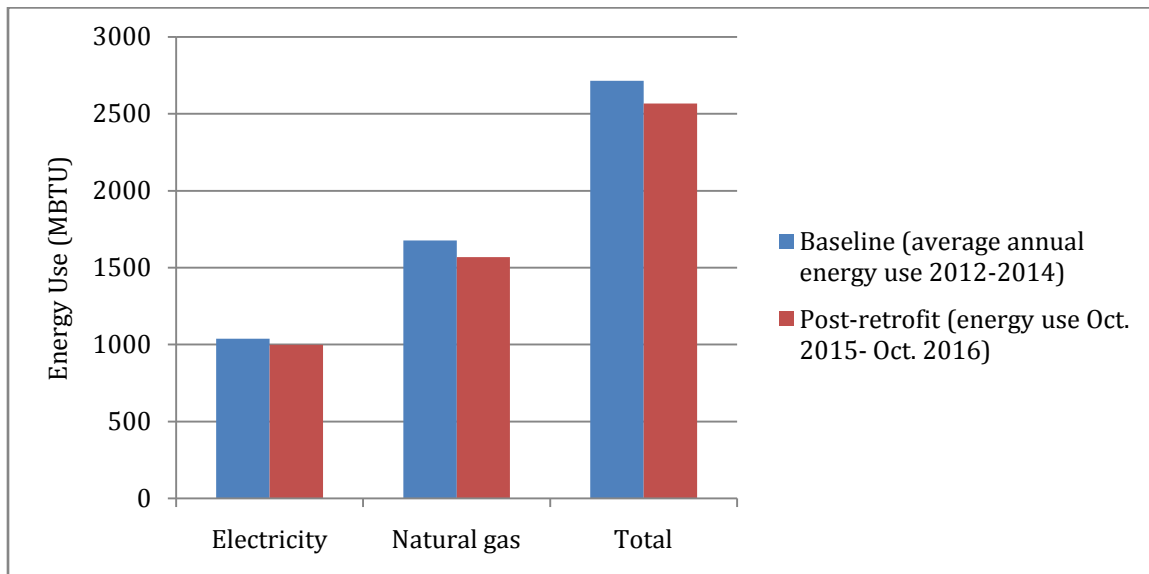


**Auditor:** Energy Audits of Alaska

**Audit date:** September 2014

### Nonprofit summary

Interior Community Health Center implemented the lighting retrofit for their parking lot suggested in the 2014 audit. The organization saw a reduction in electric costs post-retrofit in spite of increased operating hours. Additionally, the audit discovered an error in the programmable thermostat for the air-handling unit that caused it to run 24 hours per day. The thermostat was reprogrammed for the unit to run only during occupied hours.





### Retrofit costs

**Level I audit cost:** N/A

**Level II audit cost:** \$11,495, paid for through the Fairbanks Nonprofit Retrofit Pilot Project

**Predicted retrofit cost:** \$35,088

**Actual retrofit cost:** \$13,000

**Notes:** Not all retrofit recommendations were pursued by ICHC.

### Energy savings

Annual Consumption	Baseline	Post-retrofit	Notes
Monetary	\$100,303	\$85,966	Baseline energy use is an average of 3 years of energy bills.  Post-retrofit energy use is from October 2015 to October 2016.
Electricity	304,450 kWh (1,039 MBTU)	292,360 kWh (998 MBTU)	
Natural gas	16,761 therms (1,676 MBTU)	15,688 therms (1,569 MBTU)	
Total Energy	2,715 MBTU	2,567 MBTU	
Annual Savings	Modeled	Post-Retrofit	
Monetary	\$20,363	\$14,377	
Electricity	78,668 kWh (269 MBTU)	12,090 kWh (41 MBTU)	
Natural Gas	2,772 therms (277 MBTU)	1,073 therms (107 MBTU)	
Total Energy	546 MBTU	148 MBTU	

### Non-energy changes

**Building occupancy:** At the time of the audit, the building closed at 5:30 p.m. Current hours have the building open until 7:30 pm, with some staff working until around 9 p.m.

**Building use:** No change.

**Occupant comfort:** Staff commented that the new lighting in the parking lot made them feel safer

**Nonprofit services:** Increased hours in the evening were implemented post-audit.