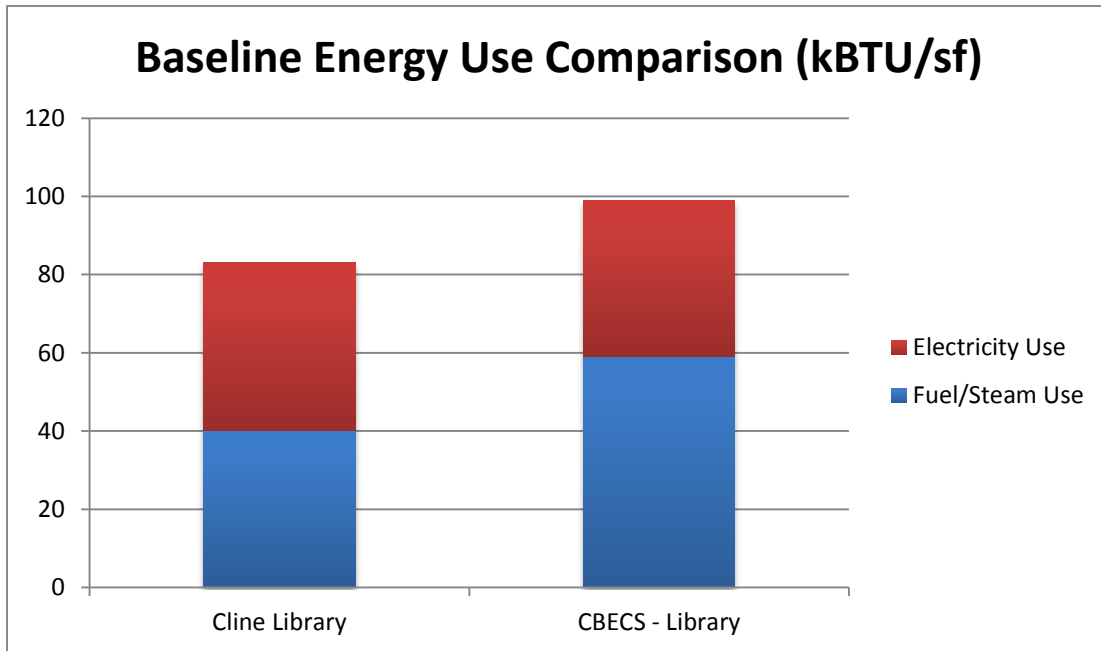


The baseline comparison performed by NORESKO shows that Cline library is expected to have lower fuel usage than a similar library building, due to the utilization of both electricity and water-source heat pumps for heating the building. Electricity usage for Cline Library is expected to decrease even further as a result of the energy retrofits that began in 2012.



kBTU/sq = kilo-British Thermal Unit per square foot

This figure was adapted from the Investment Grade Audit Report created by NORESKO in 2011.

The graph below illustrates the amount of kilowatts allocated to various building elements on a monthly basis. For Cline Library, the majority of the building's energy is allocated to inside lighting, miscellaneous equipment (computers, printers, monitors, etc.), heating, and exterior lighting. This baseline assessment allows administrators to identify energy improvement opportunities and potential savings.

