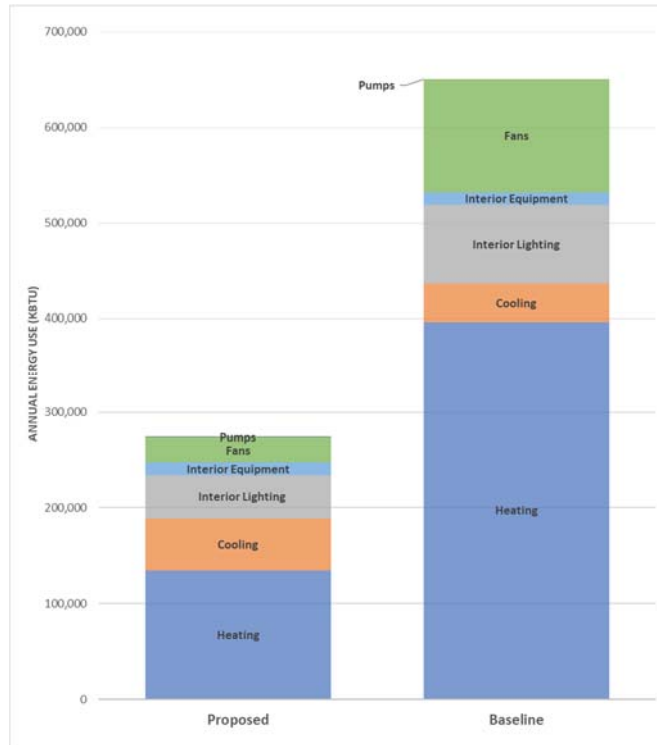






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Figure 2 – Baseline and Proposed Energy Use By End-Use





## ENERGY SAVINGS STRATEGIES

The following energy saving and renewable energy strategies are large drivers in the proposed facilities low utility use. Detailed information on the proposed and baseline energy models can be found in the appendices of this report.

	Efficient LED lighting will be used for both interior and exterior lighting systems.
	Occupancy sensor will be used to control lighting in much of the facility.
	Almost all spaces will utilize daylighting controls to eliminate the need for artificial lighting when ambient day light can provide adequate light levels.
	An in floor radiant heating and cooling system will meet all non-ventilation heating and cooling loads.

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	A Dedicated Outside Air System (DOAS) will provide ventilation air to most of the facility. The system will include an energy recovery system to both reduce energy costs and provide space humidity control.
	The building envelope has been designed to optimize thermal performance and daylighting potential.

## INCENTIVES AND LEED

The Focus on Energy Design Assistance Program provides an incentive of \$0.09 per kWh and \$0.55 per therm saved. Based on the current energy simulation results, the Focus on Energy incentive is estimated at approximately \$4,500. The final incentive amount is pending review by Focus on Energy program administrators and documentation of incremental cost.

Based on the current energy modeling results, the facility would be eligible for the maximum LEED EAc1 credits of 12 points. The credits are pending a review by an approved LEED consultant.