

User Data Entry

Enter the following information, to the best of your ability

Annual Electrical Load	<input type="text" value="5,840"/> kWh
Heating Fuel Type	<input type="text" value="Oil"/>
Annual Heating Fuel use	<input type="text" value="750"/> Gallons
Efficiency current heat unit:	<input type="text" value="0.80"/>
Annual Maint Cost	<input type="text" value="100"/>
Remaining life (yrs)	<input type="text" value="18"/>
Replacement cost	<input type="text" value="4,000"/>
Water Heating Method	<input type="text" value="Same as Heating Fuel"/>
House Sq Footage	<input type="text" value="2,200"/>
Type of Building	<input type="text" value="Residential"/>
Number of Occupants	<input type="text" value="4"/>
Discount Rate	<input type="text" value="0.05"/>

Green Technology Selection

Select or remove Green Technologies for your building.

Efficiency Measures:		Insulation Roof/Ceiling Area (ft2) Current Insulation: Update Insulation to:
Compact Fluorescent Lighting		
Incandescent Wattage	# to Replace Bulb Use	
40	<input type="text"/> <input type="text"/>	
60	<input type="text"/> <input type="text"/>	
75	<input type="text"/> <input type="text"/>	
100	<input type="text"/> <input type="text"/>	
Refrigerator Replacement		Wall Wall Area (ft2) Current Insulation Update Insulation to:
Replace your standard fridge with EnergyStar fridge of similar size		
Fridge size:	<input type="text" value="None"/>	Efficiency Federal Tax Cre % installed cost Tax Credit cap Covers both Windows and I
Volume (ft3):		
Windows		
Currently have:	<input type="text"/>	
Replace with:	<input type="text"/>	
Number to replace	<input type="text"/>	
Solar Technologies		
Photovoltaics:	Panel Selection	<input type="text" value="No Solar"/>
	# of panels	<input type="text"/>
		Rating of Array: Area of Array:
To come close to covering the electric load for your building, you would need to install at least:		
Commonwealth Solar Rebate (\$/Watt)	<input type="text" value="\$1.00"/>	more info
Federal Tax Credit (% installed cost)	<input type="text" value="30%"/>	more info

No Tax Credit Cap

Solar Hot Water:

No

Collector Size:

Federal Tax Credit (% installed cost) [more info](#)
Tax Credit Cap

Daylighting

Sq Ft of daylit rooms

Number of skylights

Heating Technology

None

R Value

Poorly Insulated R13

Well Insulated R60

10% [more info](#)

\$500

Insulation

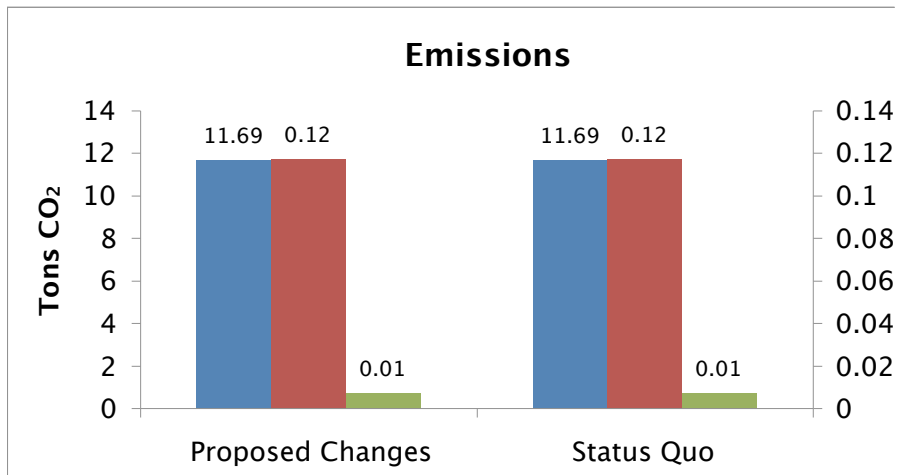
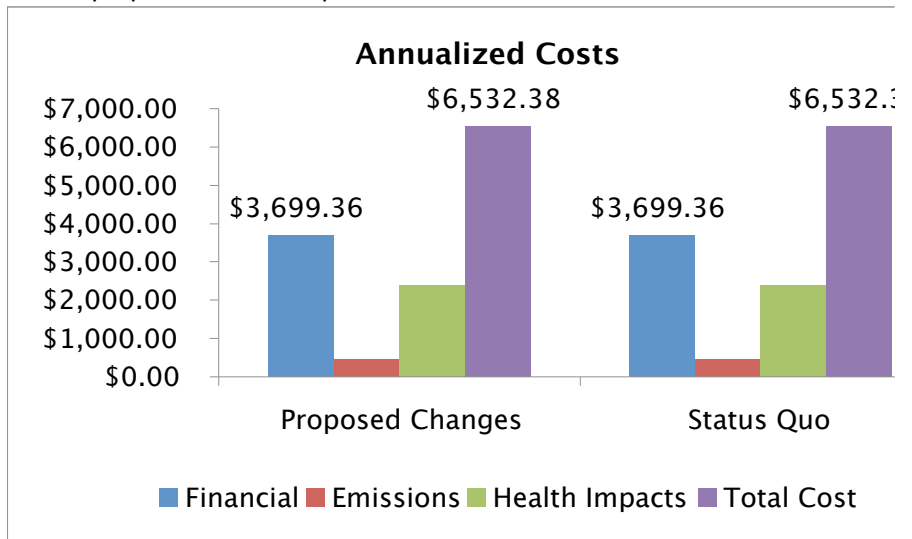
0 kW

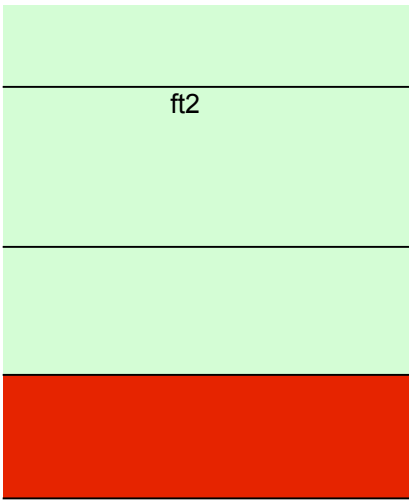
0 ft2

5.84 kW

Output

Compare annualized costs of the status quo and any proposed changes (those selected on the left) for financial, emissions, and health impacts. The purple bar below represents the summation of these three impacts.





Proposed Changes

Status Quo

■ Avg Tons CO2/yr
■ Avg Tons NOx/yr

■ Avg Tons SO2/yr

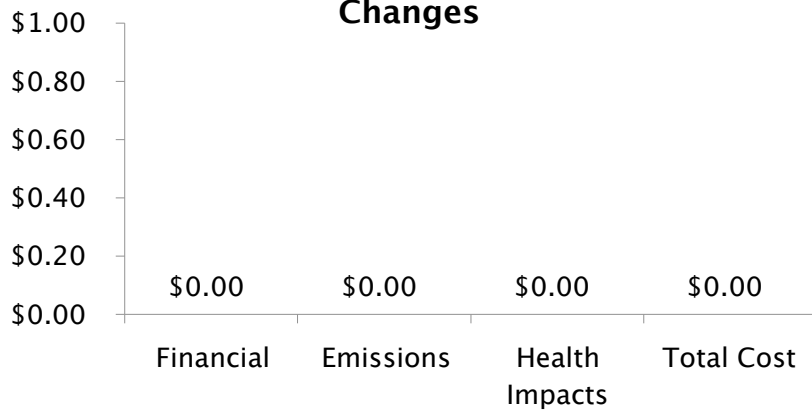
ranges
 pacts.
 impact types.

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Cost

Annual Savings/Loss from Proposed Changes



Health Impacts

0.14
 0.12
 0.1
 0.08
 0.06
 0.04
 0.02
 0
 Tons SO₂ and NO_x

