

Calculating Energy Conservation Goals for FY 2019 to FY 2023

Press TAB to move to input area. Press UP or DOWN ARROW in column A to read through the document.

Conservation Goal				
		FY 2018		
Total Building Area (includes portables) (m²)		67,324	Enter from UCD. - use square meters	
Total Building Area (includes portables) (ft²)		724,836	Enter from UCD - use square feet	
Energy Consumption for the board (ekWh)		13,396,880	Enter from UCD	

1 ft² = 0.0929 m²

	2018-2019		2019-2020		2020-2021		2021-2022		2022-2023		2018/2019-2022/2023
	Estimated Cost of Implementation	Estimated Annual Energy Savings from all projects (ekWh)	Estimated Cost of Implementation	Estimated Annual Energy Savings from all projects (ekWh)	Estimated Cost of Implementation	Estimated Annual Energy Savings from all projects (ekWh)	Estimated Cost of Implementation	Estimated Annual Energy Savings from all projects (ekWh)	Estimated Cost of Implementation	Estimated Annual Energy Savings from all projects (ekWh)	Estimated Total Accumulated Energy Savings (ekWh)
Appendix B: Design, Construction and Retrofit Strategies Total	\$ 1,742,771	659,860	\$ 3,075,000	2,650,450	\$ 1,102,500	867,533	\$ 1,080,600	508,333	\$ 830,000	486,104	18,006,471
Appendix C: Operations and Maintenance Strategies Total	\$ 115,000	270,071	\$ 145,000	280,088	\$ 12,145,000	23,849,939	\$ 145,000	280,088	\$ 133,000	278,026	74,858,728
Appendix D: Occupant Behaviour Strategies Total	\$ -	0	\$ 7,000	15,558	\$ 7,000	15,558	\$ 12,000	15,607	\$ 12,000	15,607	155,730
TOTAL	\$ 1,857,771	929,931	\$ 3,227,000	2,946,097	\$ 13,254,500	24,733,030	\$ 1,237,600	804,029	\$ 975,000	779,737	93,020,929
Percentage reduction		6.94		21.99		184.62		6.00		5.82	225.37
Conservation Goal (ekWh/m²)		13.81		43.76		367.37		11.94		11.58	448.47
Conservation Goal (ekWh/ft²)		1.28		4.06		34.12		1.11		1.08	41.65

Note

Check the total in cell B15 to confirm validity of estimated amount to be spent during that year

Note

Check the total in cell D15 to confirm validity of estimated amount to be spent during that year

Note

Check the total in cell F15 to confirm validity of estimated amount to be spent during that year

Note

Check the total in cell H15 to confirm validity of estimated amount to be spent during that year

Note

Check the total in cell J15 to confirm validity of estimated amount to be spent during that year

End of worksheet.