

Audit Template Energy Savings Opportunities Table: Fields, Example Inputs and Notes

Input Fields	Package	System Category	Measure Category	Measure Name	Measure Description	Measure Status *	Modeling/ Calculation Approach *	Annual Energy and Cost Savings			Payback with Incentive											
								Total Cost Savings	Peak Demand Savings (kW)	Electricity Savings (kWh)*	Measure Cost	Rebates Available?*	Potential Incentives	Change in O&M Cost Annually*	Portion of Building Affected*	Measure Life (years)	Net Measure Cost	Simple ROI	10 Year NPV*	Simple Payback (Excluding Incentives) (yr)	Simple Payback (Including Incentives) (yr)	
Example Inputs	Low Cost and No Cost Recommendations																					
	15% Lighting Reduction Package	Lighting	Lighting Improvements	Retrofit with LED	Replace all office T8 lamps	Recommended	Energy Modeling Software	\$ 4,900	7.2	62,000	\$ 14,000	Yes	\$ 3,000	\$ 1,500	Offices	5	\$ 13,000	38%	34000	3.3	2.7	
		Lighting	Lighting Improvements	Add occupancy sensors	Install motion sensors	Implemented	Spreadsheet Calculations				\$ 2,000	No	\$ -	\$ 250	Offices	5						
	Potential Capital Recommendations																					
	Heating Retrofit	Heating System	Boiler Plant Improvements	Replace boiler	New energy efficient boiler	Further Study Recommended	Spreadsheet Calculations	\$ 17,000	9.8	135,000	\$ 320,000	Yes	\$ 45,000	\$ 1,500	Entire Building	20	\$ 290,000	6%	680000	19.7	17.1	
Heating System		Boiler Plant Improvements	Insulate boiler room	Add insulation	Further Study Recommended	Spreadsheet Calculations	\$ 15,000				No	\$ -	\$ 2,000	Entire Building	20							
Fan motor replacement	Air Distribution	Electric Motors and Drives	Replace with higher efficiency	Replace with variable speed ECM motors	Planned to be Implemented	Spreadsheet Calculations	\$ 540	4.2	26,000	\$ 3,600	Yes	\$ 1,200	\$ 200	Entire Building	10	\$ 2,400	23%	5200	6.7	4.4		
Calculated Fields	TOTALS (Recommended Measures)							\$ 22,440	\$ 21	\$ 223,000	\$ 354,600		\$ 49,200	\$ 5,450			\$ 305,400	N/A		N/A	N/A	
Notes	User may provide custom names to packages (for example, create a package for saving lighting energy use by 15%)	Pre-defined drop-down list. Optional field that may be used to associate Measures.	Pre-defined dropdown list of measure categories that be designated to be associated with a System.	Pre-defined dropdown list of all measures that fall within the selected Measure Category. Each category includes an 'Other' which may be selected for a custom measure that can be specified under 'Measure Description'	Open text field	*City specific field; Pre-defined dropdown list	*City specific field; Pre-defined dropdown list	One input per package	One input per package	One input per package	One input per eem	One input per eem	One input per eem	One input per eem	One input per eem	One input per eem	Total Measure Cost - Total Potential Incentives (per package)	Total Cost Savings / Total Net Measure Cost (per package)	One input per package	Total Measure Cost/Total Cost Savings (per package)	Total Net measure Cost / Total Cost Savings (per package)	