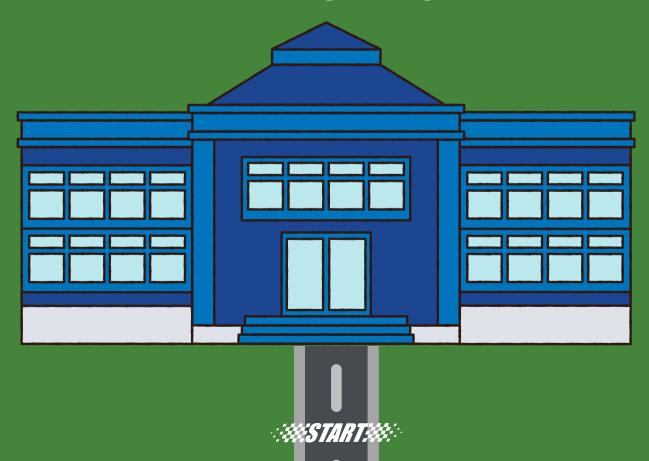






Guide to Energy Efficiency: Community Center

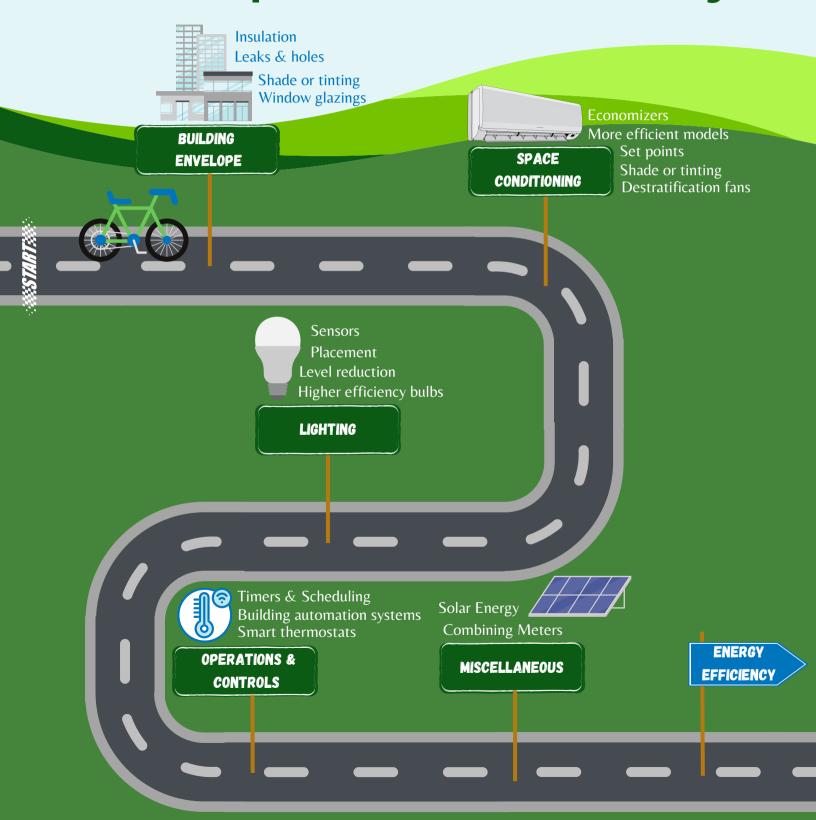
Do you want to make your building more energy efficient, but you don't know where to start? This guide will provide a list of commonly identified commercial building projects and a framework for finding funding resources.

















Building Envelope

Assessment Recommendations	Avg Cost	Avg Savings	Avg Payback Period
REDUCE HEAT GAIN BY WINDOW TINTING	\$4,097.88	\$3,108.11	1.3 yrs
CLEAN OR COLOR ROOF TO REDUCE SOLAR LOAD	\$14,379.20	\$7,217.20	2.0 yrs
CLOSE HOLES AND OPENINGS IN BUILDING SUCH AS BROKEN WINDOWS	\$176.59	\$1,882.84	0.1 yrs
USE DOUBLE OR TRIPLE GLAZED WINDOWS TO MAINTAIN HIGHER RELATIVE HUMIDITY AND TO REDUCE HEAT LOSSES	\$61,496.67	\$5,549.17	1.9 yrs
INSTALL VINYL STRIP / HIGH SPEED / AIR CURTAIN DOORS	\$5,031.33	\$2,678.63	11.1 yrs
BUILDING ENVELOPE		Ret	pates/Incentives
SPACE CONDITIONING	LIGHTING OPERATE CONT.	MISCEL	ENERGY EFFICIENCY







Space Conditioning

Assessment Recommendations	Avg Cost	Avg Savings	Avg Payback Period
CLEAN AND MAINTAIN REFRIGERANT CONDENSERS AND TOWERS	\$1,096.93	\$4,901.68	0.2 yrs
LOWER TEMPERATURE DURING THE WINTER SEASON AND VICE-VERSA	\$1,827.22	\$9,199.48	0.2 yrs
REDUCE SPACE CONDITIONING DURING NON-WORKING HOURS	\$8,460.77	\$3,587.07	2.4 yrs
INSTALL OUTSIDE AIR DAMPER / ECONOMIZER ON HVAC UNIT	\$15,677.60	\$12,466.94	1.3 yrs
INSTALL TIMERS AND/OR THERMOSTATS	\$1,007.53	\$11,510.32	0.1 yrs
		Reb	ates/Incentives
SPACE CONDITIONING			Consumer
BUILDING ENVELOPE	IGUTING	TIONS & MISCELL	ENERGY EFFICIENCY







Lighting

Assessment Recommendations	Avg Cost	Avg Savings	Avg Payback Period
REDUCE ILLUMINATION TO MINIMUM NECESSARY LEVELS	\$665.00	\$1,757.34	0.4 yrs
MAKE A PRACTICE OF TURNING OFF LIGHTS WHEN NOT NEEDED	\$60.00	\$17,199.00	0.0 yrs
USE PHOTOCELL CONTROLS	\$671.86	\$687.14	1.0 yrs
INSTALL OCCUPANCY SENSORS	\$1,417.46	\$1,751.25	0.8 yrs
UTILIZE HIGHER EFFICIENCY LAMPS AND/OR BALLASTS	\$15,933.11	\$7,341.68	2.2 yrs
		Reb	ates/Incentives
L	IGHTING		
BUILDING SPACE CONDITIONING	_	ATIONS & MISCELLI	ENERGY EFFICIENCY







Operations & Controls

operations a controls			
Assessment Recommendations	Avg Cost	Avg Savings	Avg Payback Period
CONSERVE ENERGY BY EFFICIENT USE OF VENDING MACHINES	\$1,119.50	\$716.95	1.6 yrs
TURN OFF EQUIPMENT DURING BREAKS, REDUCE OPERATING TIME	\$214.00	\$1,092.00	0.2 yrs
TURN OFF EQUIPMENT WHEN NOT IN USE	\$435.47	\$2,470.30	0.2 yrs
UTILIZE CONTROLS TO OPERATE EQUIPMENT ONLY WHEN NEEDED	\$450.50	\$3,282.42	0.1 yrs
INSTALL SET-BACK TIMERS	\$142.76	\$4,436.01	0.0 yrs
Rebates/Incentives			
	1	ATIONS & TROLS	
BUILDING SPACE LIGHTING CONDITIONING		MISCELLA	NEOUS ENERGY EFFICIENCY

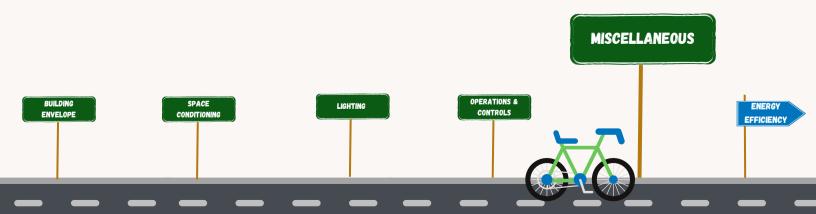






Miscellaneous

Assessment Recommendations	Avg Cost	Avg Savings	Avg Payback Period
INSULATE BARE EQUIPMENT	\$837.97	\$3,207.30	0.3 yrs
USE OR REPLACE WITH ENERGY EFFICIENT SUBSTITUTES	\$12,163.11	\$4,637.20	2.6yrs
COMBINE UTILITY METERS	\$435.47	\$3,800.00	0.0 yrs
CHANGE RATE SCHEDULES OR OTHER CHANGES IN UTILITY SERVICE	\$105.00	\$29,512.33	0.8 yrs
USE SOLAR HEAT TO MAKE ELECTRICITY	\$231,050.71	\$13,883.57	16.6 yrs



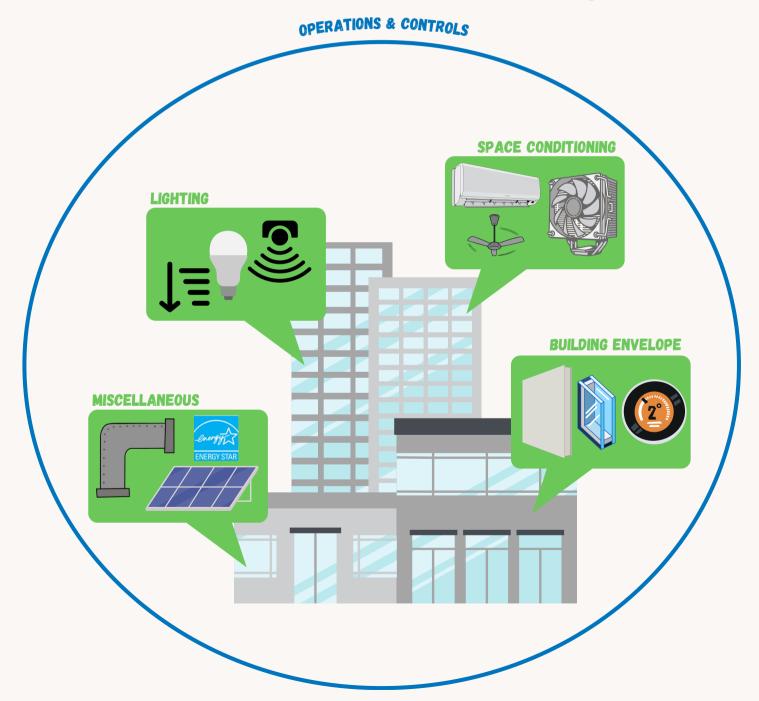






Summary

There are many projects that promote energy efficiency, but here is a reminder of common systems with major opportunities in commercial buildings.









Where to find funding?

Funding is available to assist in your path towards energy efficiency. Below is a framework for identifying such opportunities from both private and public entities.

Utilities

Organizations

Government

Building type (commercial)

Nonprofits

Local/state/ federal

Databases of funding opps.

grants.gov, energystar.gov, lists on indiv. dept. websites...

Department programs

DOE, EPA, EGLE, and more (i.e. housing, econ. dev., small business...)

Initiatives

New legislation

IRA, BIL...

Rebates

Grants

Loans

Tax credits

*Consider filtering searches by project type and funding mechanism



Rebate **Finder**







Rebates





Saves

