

Building Assessment Sample Report

We analyzed your energy usage and determined that your building has a potential savings of **\$217,166** per year. To learn more about how to achieve these savings contact your Outreach Representative. Your Outreach Representative's role is to guide you through the incentive application process.

Energy Usage

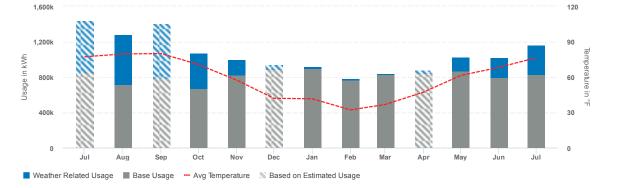
Potential Annual Savings	Annual Electric	Peak Demand	Total Annual Spend
\$217,166	12,569,245 kWh	2,678 kW	\$1,156,371
Total Carbon Savings 1780.97 Tonnes / Year			

Your Potential Energy Savings

Recommendation	Туре	Energy Savings	% Savings	Annual Savings
Adjust temperature setbacks in building management system	Electricity	515,339 kWh	4%	\$47,411
Use energy efficient air conditioners	Electricity	326,800 kWh	3%	\$30,066
Install a Variable Speed Drives (VSDs)	Electricity	301,662 kWh	2%	\$27,753
Modify schedules during unoccupied hours	Electricity	276,523 kWh	2%	\$25,440
Install advanced digital economizer controller	Electricity	248,871 kWh	2%	\$22,896
Modify night schedules	Electricity	163,400 kWh	1%	\$15,033
Install Demand Controlled Ventilation	Electricity	138,262 kWh	1%	\$12,720
Use energy efficient motors	Electricity	125,692 kWh	1%	\$11,564
Modify weekend/holiday schedules	Electricity	113,123 kWh	1%	\$10,407
Clean ducts and fans	Electricity	75,415 kWh	1%	\$6,938
Install self-closing doors	Electricity	37,708 kWh		\$3,469
Install energy efficient exit signs	Electricity	37,708 kWh		\$3,469

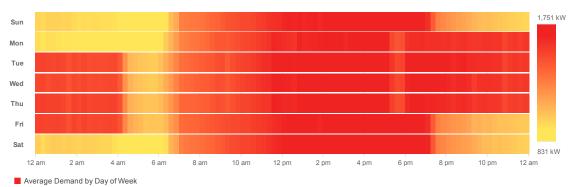
Weather Impact - Electricity

We've done some analysis showing how weather changes impact your energy usage to help you decide if you want to make changes to your equipment or set points.



Operating Schedule

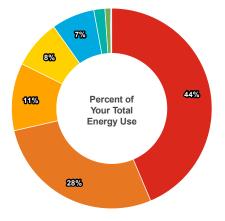
Your energy use compared with your operational hours. Startup/shutdown time may present opportunities for operational savings.



End Uses - Electricity

End-Use Analysis shows a breakdown of the major contributing components of the Facilities consumption.

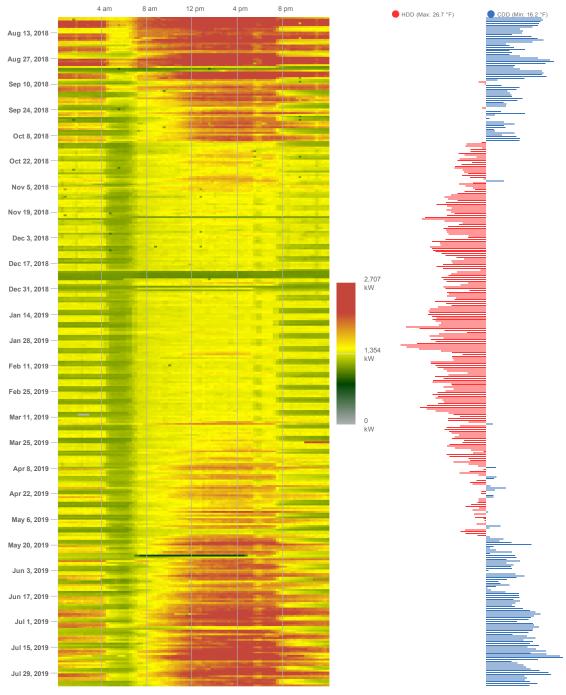
What Affects My Energy Usage?



	Usage	You	Similar Facilities	Efficient Facilities
End Use	(kWh)	(kWh/sqft)	(kWh/sqft)	(kWh/sqft)
Lighting	5,412,953	5.45	1.95	0.66
Space Cooling	3,477,262	3.5	0.43	0.05
Ventilation	1,310,270	1.32	0.4	0.08
Other and Process Loads	979,141	0.99	0.61	0.15
Refrigeration	870,348	0.88	0.54	0.13
Computing	217,587	0.22	0.14	0.03
Office Equipment	108,793	0.11	0.07	0.02
Space Heating	26,039	0.03	0.01	0
Cooking	0	0	0	0
Water Heating	0	0	0	0

Based on the information you have provided, your Facility is 992,531 sq ft in size and located in PHILADELPHIA, PA. Here is how its consumption compares to similar Facilities over the past 12 months. To update this information, please update your Facility Profile

Annual Demand Intensity - Electricity See energy usage for each interval throughout the year to visualize your building's profile. Determine if the profile aligns with expectations or requires further investigation. Heating/cooling degree days (HDD/CDD) help correlate the pattern with temperature.





Adjust temperature setbacks in building management system

It is possible that during unoccupied periods of the day, temperature setback is not being employed to properly schedule the run time of air conditioning and/or heating equipment. This means that equipment runs unnecessarily and therefore wastes energy. Proper night setback scheduling should be implemented across all zones of the building. We recommend 55 F heating unoccupied setpoint, and 85 F cooling unoccupied setpoint.

Potential Savings \$47,411 / Year

Carbon Savings 388.82 Tonnes / Year

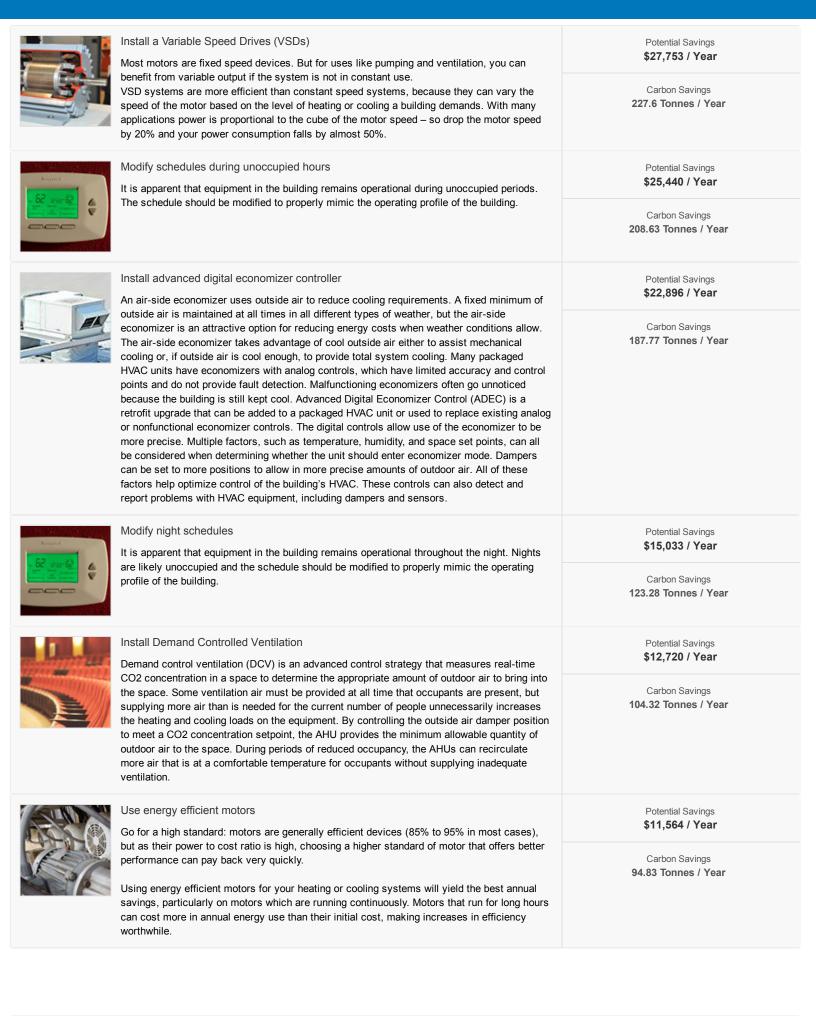
Potential Savings \$30,066 / Year

Carbon Savings 246.57 Tonnes / Year

Use energy efficient air conditioners

Energy efficient air conditioners use about 15% less electricity than standard models. They also typically include additional temperature and timer controls. Advanced temperature controls let you have a more precise control of room temperatures while timer controls mean you only cool the space when it's being used.

The energy rating of all air conditioners should be clearly displayed. Units with an A+ rating are the most efficient models.



Received	Modify weekend/holiday schedules It is apparent that equipment in the building is starting up and remaining operational	Potential Savings \$10,407 / Year	
	throughout the weekend. Weekends are likely unoccupied and the schedule should be modified to properly mimic the operating profile of the building.	Carbon Savings 85.35 Tonnes / Year	
	Clean ducts and fans Dust and debris can build up over time, making fans work harder to move air. Cleaning ducts	Potential Savings \$6,938 / Year	
	and fans will reduce pressure in the system, making it run up to 40% more efficiently. Duct cleaning will also improve the air quality in your building, and help ensure a safe working environment for employees. Consider hiring a professional duct cleaning company as they will typically perform an nspection of your system for a nominal fee.	Carbon Savings 56.9 Tonnes / Year	
	Install self-closing doors Use doors that close themselves, either automatic or spring hinged. This will keep cold out in	Potential Savings \$3,469 / Year	
	the winter and the heat out in the summer. This is particularly important for doors that lead to the outside or unconditioned spaces. High- traffic businesses, such as retail or quick food service, see the greatest savings, although benefits are also seen in small office buildings and sit-down restaurants.	Carbon Savings 28.45 Tonnes / Year	
EXIF	Install energy efficient exit signs Exit signs need to be lit all of the time for safety and use more energy than you think. Efficient	Potential Savings \$3,469 / Year	
	LED models can last up to ten years and help you use less than a quarter of the energy of older models while still meeting safety requirements. Instead of replacing the whole sign, consider more affordable LED retrofit kits. These plug into older exit signs and convert them to an energy efficient model.	Carbon Savings 28.45 Tonnes / Year	

Please verify program eligibility for specific measures by contacting your Outreach Representative.