

RESOURCES

LOCAL

Dover Cassily Community Garden:

www.dovergarden.org

Freecycle Dover:

groups.freecycle.org/FreecycleDoverNH

Seacoast Local:

seacoastlocal.org

STATE

New Hampshire Office of Energy and Planning:

www.nh.gov/oep

New Hampshire Public Utilities Commission:

www.puc.nh.gov

New Hampshire Sustainable Energy Assoc.:

www.nhsea.org

Electric Utilities Rebates, Discounted CFL & LED bulbs:

www.nhsaves.com

NATIONAL

US Department of Energy

www.energysavers.gov

www.energystar.gov

American Wind Energy Association

www.awea.org

American Solar Energy Association

www.ases.org

Lighting Understanding for a More Efficient Nation

lumennow.org

ENERGY SAVINGS TIPS FOR HOME

- Set your hot water heater to 120°F.
- Set your thermostat to 68°F or lower in the winter and 72°F or higher in the summer
- Actively manage indoor temperatures by opening and closing windows and window coverings. In summer, open windows to catch cool evening breezes, close blinds or curtains against direct to reduce heat gain. In winter, open blinds or curtains to capture heat gain from sunlight close blinds or curtains to reduce heat loss.
- Install dimmers and motion sensors on lights.
- Don't block heating registers and vents by furniture or window coverings.
- Block off chimneys when not in use.
- Drain sediment from your water heater tank
- Install power strips to cut power to appliances that stay "on" (cable television boxes, for example).
- Insulate your water heater and hot water pipes.
- Replace furnace, air conditioner, and heat pump filters regularly.
- Use the "air dry" cycle on your dishwasher and run only full loads.

FOR CAR

- Remove extra weight from the vehicle.
- Avoid using roof racks and remove them when not in use.
- Use cruise control on highway trips.
- Combine errands.
- Reduce the use of air conditioning at low speeds. Over 40 mph, using the air conditioner is more fuel efficient than driving with the windows open.
- Replace air and fuel filters regularly.
- Keep tires properly inflated and wheels aligned.

CITY OF DOVER ENERGY COMMISSION

c/o City of Dover, Planning Department
288 Central Ave Dover NH 03820
(603)516-6008

www.dover.nh.gov/sustainability.htm

email: t.corwin@doover.nh.gov

DOVER ENERGY COMMISSION



The Dover Energy Commission provides educational outreach to the public and spearheads specific energy-related projects for the benefit of the city. In addition, it advises other boards and committees on sustainable practices such as energy conservation, energy efficiency, energy generation, and zoning practices.

FUTURE GOALS

- Organize education and outreach programs for the public benefit in coordination with businesses, private organizations, and public events.
- Coordinate with the Dover Schools to improve energy use and decrease operational costs of the city’s educational system.
- Participate in the Master Plan process as each chapter is updated, ensuring that energy use and sustainability are appropriately incorporated into the subject material.

VOLUNTEER!

The Dover Energy Commission is always seeking interested residents to participate in our commission. Our meetings are normally the third Wednesday of every month at 6:00 PM in the committee conference room at city hall; check the city’s web site for the latest information and agendas.



ACHIEVEMENTS

The Dover Energy Commission and its predecessor - the Ad-Hoc Energy Advisory Committee - have advocated for and advised on projects that have brought substantial savings to the city, as well as projects which have improved the quality of life for residents. The summary below represents the first year of on-track progress for projected savings of \$3.6 million over ten years.

Savings per Facility

City of Dover, NH – Guarantee Year 1 Savings									
Facility Location	Electricity Savings			Thermal Savings		Water Savings		O&M / Cap Cost Savings	Total \$ Savings
	kW	kWh	\$	MMBtu	\$	kgal	\$		
Central Fire Station	0	176	\$22	47	\$722	21	\$229	\$0	\$973
Dover City Hall	150	36,014	\$4,486	163	\$2,718	303	\$3,346	\$480	\$11,030
Dover Ice Arena	(415)	2,641	(\$2,660)	10,046	\$126,651	239	\$2,643	⁽⁶⁾ \$2,489	\$129,123
Dover Public Library	102	34,296	\$4,613	170	\$2,400	128	\$1,409	\$480	\$8,902
Dover Transportation Ctr.	0	20,051	\$2,448	0	\$0	0	\$0	\$0	\$2,448
Indoor Pool	37	124,004	\$13,279	1,006	\$14,460	280	\$3,097	\$34,320	\$65,157
Jenny Thompson Pool	0	0	\$0	25	\$320	141	\$1,559	\$0	\$1,878
McConnell Center	821	166,919	\$23,754	418	\$5,894	0	\$0	\$480	\$30,129
Pine Hill Barn	0	0	\$0	21	\$354	0	\$0	\$0	\$354
Pine Hill Chapel	0	21	\$4	38	\$639	7	\$72	\$0	\$715
Public Works	571	179,077	\$22,911	267	\$3,021	56	\$624	\$480	\$27,036
South End Fire Station	0	85	\$11	81	\$1,438	9	\$99	\$0	\$1,548
Veterans Hall	0	0	\$0	16	\$280	0	\$0	\$0	\$280
Waste Water Treatment Facility	853	300,973	\$37,056	61	\$1,013	0	\$0	\$0	\$38,069
Totals	2,120	864,258	\$105,925	12,361	\$159,910	1,184	\$13,078	\$38,729	\$317,642

⁽⁶⁾ Total O&M / Capital Cost Savings contains \$8,791 cost of Icemax for FIM 11- Ice Arena Upgrades

In addition to projects leading to direct dollar savings, committee members have worked to:

- Educate with Dover’s Sustainable Film Series and the Green Section of Apple Harvest Festival
- Coordinate policy with Dover Master Plan Visioning Chapter (2012), Walkability Audit (2011), and total energy audit (2009)
- Promote the Dover Community Trail, Cassily Community Garden, and other sustainability initiatives