Key Messages by Exhibit

Hot Water

If your tank is older than 15 years, get ready NOW for heat pump hot water.

If you switch from oil to heat pump hot water, you could avoid 900 lbs. CO2 and save $200 per year.

If you switch from electricity to heat pump hot water, you could avoid 1,700 lbs CO2 and save $350 per year.

Lawn Care

Cultivate a yard that is nourishing for your children, pollinators and wildlife.

Homeowners apply up to 10x more pesticides to their lawns than farmers do to their crops. Much of this ends up in rivers and streams. (U.S. Fish & Wildlife Service)

Electric mowers and blowers emit less than 20% of the CO2 of gas-powered, and are MUCH quieter.

(Need one for blower pollution – Bruce Blumberg)

If half of Concord switched to electric lawn mowers and blowers, we could avoid over 400 tons of CO2 and save over $100,000 each year.

Home Heating and Cooling

High- efficiency Heat Pumps are HERE!!!

If half of Concord’s oil-heated homes switched to heat pumps, we could avoid 5,500 tons of CO2 and save about $2,000,000 every year.

Solar

255 homeowners in Concord have systems that generate more than 2 million kWhs in clean energy every year, avoiding 440 tons of CO2 and saving about $350,000 on electric bills.

If 100 more homeowners went solar, we could avoid over 300 tons of CO2 and save about $130,000 on electric bills.

LED Lighting

An LED light bulb uses 9x less electricity than a traditional light bulb and lasts a decade or more.

If half of Concord switched from incandescent to LED, we could avoid over 1600 lbs. CO2 and save almost $700,000 per year.

Weatherize

You can save up to 15% on heating and cooling costs by using a programmable thermostat.

In 2014, 150 homeowners insulated their homes in the Town’s Green Your Heat program and are now avoiding 220 tons CO2 and saving a total of about $60,000 per year.

If 300 more homeowners weatherized their homes, we could avoid over 400 tons CO2 and save more than $100,000 annually.

Transportation

Electric Cars are HERE!!!

Concord’s 13,000 residential vehicles burn 6,000,000 gallons of gasoline every year, generating 60,000 tons of CO2, and costing $15 million in gasoline fill-ups.

If half of Concord switched to electric cars from gas-powered cars, we could avoid 30,000 tons of CO2 and save over $7 million per year. THIS IS HUGE!!!

If half of Concord reduced their miles driven in gas-powered cars by 2,000, we could avoid over 10,000 tons of CO2 and save almost $3,000,000 per year in gas outlays alone.

Home Appliances

The 3 biggest Energy Hogs in your home are your fridge, washer and dryer.

A fridge more than 15 years old consumes 3x the electricity of a new EnergyStar model. If you upgrade your fridge, you can save over $100 per year.

Heating water consumes the most energy for laundry. Cold water washing cleans just as well as hot.

If half of Concord switched to cold water washing, we could avoid 180 tons of CO2 and save $75,000.

If half of Concord line-dried 2 loads of laundry per week, we could avoid 250 tons of CO2 and save $75,000 per year. And clothes would smell better and last longer.

If 300 homeowners unplugged or ditched their extra fridge, we could avoid 125 tons CO2 and save over $50,000 per year. And we could still keep the beer cold.

Missing: Eat Less Meat, Reduce/Reuse