

Energy Champions

Institutional TDM Committee
(transportation demand management)

- Includes CH, IWK, Dal, SMU, HRM

Onsite Energy Manager (Partnership with
Efficiency NS since July 2012)

Communications
Strategy

FEED NS's
Food Rescue Program

Annual National Pollutant
Release Inventory

Integrated Resource Plan for
Fuel Usage

**Capital Health
Environmental Program
Components
"Be Better
Environmental Stewards"**

Energy Star Portfolio Manager

Resource Energy Management
Committee

- Our External Partners
- Dal's Office of Sustainability
 - Efficiency NS
 - DHW
 - Department of Environment
 - National Research Council of Canada
 - Canadian Coalition for Green Health Care
 - Morrison/Tim Hortons

Waste Management Strategy
• Recycle, compost, cardboard, Biohazard

Shift Energy Initiative
• DGH/NSH

Electric Car Charger
(HI Site)

International Earth Day
April

Steering Committee - To provide a forum for input on sustainability programs & policies at CH

Energy Star Portfolio Program

Portfolio Manager is a free online tool that we use to track energy and water consumption and greenhouse gas emissions across the district. We can benchmark our buildings and compare them to similar facilities across the country

Feed NS Food Rescue/Recovery program

The Food Recovery program started in 1994. The purpose then and today is to recover and/or glean prepared foods from donors like hospitals and restaurants and deliver (same day) to member agencies/food banks of FEED NOVA SCOTIA, namely Soup Kitchens and Shelters who serve the clients daily. Food rescued/recovered is a source of quality food for our clients at the food banks.

Resource Energy Management Committee

To review, prioritize and approve the energy savings projects & initiatives identified by CH employees and the EEA

Institutional TDM Committee (Transportation Demand Management)

Provide a forum to support the institutions' transportation demand management (TDM) goals in the Halifax Regional Municipality (HRM)

To provide ideas to help meet TDM institutional objectives

To advocate for TDM measures that support institutional programs

Shift Energy Initiative

Visualizes on screens the monthly energy use (water, electricity and natural gas) for each facility. Screens will also depict a star rating that corresponds to the energy efficiency in the building that day.

In addition, monitors will feature a number of energy-saving tips to help staff conserve energy in their workplace (and at home).

Capital Health Engineering and Facilities staff will also have access to an online portal with more detailed information, including how well our energy use is tracking against our budget. The data captured by the system will also allow us to identify opportunities for future energy savings in keeping with our strategic direction of sustainability.

Waste Management Strategy

CH has a comprehensive waste management program which strives to maximize the material diverted from the general/ bio-medical waste stream by recycling and composting.

International Earth Day

CH housekeeping staff celebrate Earth Day annually, promoting the "What goes where" campaign. At strategically located information centers throughout CH, housekeeping staff provide education to patients and staff around recycling, segregation, and separation of all waste.

Natural Gas & Heavy Fuel Oil Usage at CDHA Central Heating Plants

Capital District Health has three major heating plants operating in the Halifax/Dartmouth area. These plants are located at the NS Hospital, Victoria General and the Halifax Infirmary. It is required in the CSA standards (CSA Z317.2) for Hospitals that the boilers have a primary and a back up fuel supply to maintain the 24 hr operation of their plants in the event of loss of fuel supply.

The three plants have now all been converted to burn natural gas as well as heavy fuel oil. Currently the boilers are fired on natural gas as the primary fuel supply and heavy fuel oil as the backup. Natural gas is the preferred fuel as it the most economical and also the cleanest burning fuel and therefore has the least environmental impact of all the fossil fuels.

The heavy fuel oil is used if the natural gas supply is interrupted in the event of a planned or unplanned shutdown. It is also used to control demand rates on the usage of natural gas that would extend a full calendar year if daily limits were exceeded. Daily demand rates are set as follows, NS Hospital 800 GJ's, VG Hospital 2,200 GJ's and the Halifax Infirmary 1,500 GJ's.

Annual National Pollutant Release Inventory

The National Pollutant Release Inventory (NPRI) is Canada's legislated, publicly accessible inventory of pollutant releases(to air, water and land), disposals and transfers for recycling. It is a key resource for:

- Identifying pollution prevention priorities
- Supporting the assessment and risk management of chemicals, and air quality modeling:
- Helping develop targeted regulations for reducing releases of toxic substances and air pollutants;
- Encouraging actions to reduce the release of pollutants into the environment;
- Improving public understanding.