

School District #62 (Sooke)

ENERGY MANAGEMENT	No.: F-201
	Effective: Mar. 23/82 Revised: June 23/09

ADMINISTRATIVE REGULATIONS

Building energy consumption for School District #62 will be reviewed monthly by the District Energy Manager and reports will be made regularly to the Director of Facilities. Annual reports will be prepared for the Board of Trustees, the Ministry of Education, and the BC Provincial Government. The School District will strive to reach the reduction targets set below.

In accordance with the BC Energy Plan, School District #62 has set targets to achieve 20% electricity reduction from the 2006 (calendar year) baseline in all existing buildings. The following table illustrates set targets that School District #62 will follow to achieve the required 20% reduction in electricity consumption.

SD62 Electricity Conservation Plan	
Calendar Year	% Reduction
2006	<i>0%</i>
2011	<i>5%</i>
2016	<i>14%</i>
2020	<i>20%</i>

Table 1: SD62 Electricity Reduction Targets

Intermediate reduction goals are planned and reviewed annually to achieve the targets set in this policy.

Electricity savings will mainly be generated through but not limited to:

- Computer power management software
- Implementation of motion sensors, timers, and automation systems for lighting and HVAC controls
- Choosing energy efficient lighting systems
- Reviewing current lighting systems for optimal efficiencies
- Maintaining equipment in good working order
- Replacing inefficient & outdated equipment with EnergyStar rated equipment
- Investigating the use of solar, wind, and other alternative energy
- Adopting a vacation shutdown program
- Providing energy efficiency training

B.C.'s Bill 44 (Green House Gas Reduction Targets Act) sets guidelines to reduce the amount of Green House Gases (GHG's) released into the environment. As part of School District #62's responsibility to abide by Bill 44 and become carbon neutral by 2010, School District #62 is committed to following the reduction targets set by Bill 44.

SD62 GHG Emissions Conservation Plan	
Calendar Year	% Reduction
2007	<i>0%</i>
2012	<i>6%</i>
2016	<i>18%</i>
2020	<i>33%</i>
2050	<i>80%</i>

Table 2: SD62 GHG Reduction Targets

The calendar year of 2007 is set as the baseline with the primary goals being a 33% reduction in GHG's by 2020, and an 80% reduction in GHG's by 2050.

GHG savings are expected to be mainly generated but not limited to:

- Fuel conversions (i.e. Heating Oil to Natural Gas)
- HVAC improvements
- HVAC optimization (computer monitoring)
- Maintaining HVAC equipment in good working order

Improved insulation