

## **Energy, Greenhouse Gas and Waste Reduction**

The School District recognizes that:

1. Energy costs will continue to increase at rates much greater than the cost of living.
2. Energy use incurs additional costs through the annual Carbon Tax legislation.
3. The social and financial cost of waste removal continues to increase significantly, and;
4. The requirement for fresh water will continue to increase as the region grows.

It is therefore the School District's intention to reduce its carbon footprint and consumption in the course of its operations by reducing:

1. Energy costs through behavioral, physical plant and operation procedures.
2. GHG emissions.
3. Waste, and;
4. Water consumption.

To achieve these reductions the School District will set annual targets:

1. Mission Public Schools will establish, maintain and publish energy metrics on a quarterly basis.
2. Reduce consumption 5% annually over the next 4 years beginning from the established baseline metrics.
3. Targets will be reviewed annually and revised as required, and;
4. Meet GHG emission targets as set out by the District of Mission for the municipality (20% reduction in GHG from 2008 by 2020).
5. Solid waste cannot be tracked until such time as "disposal bins" are weighed.

On adoption of this procedure, the baseline metrics are:

⤴ Electricity (kWh) (CY2009)	4,791,093 kWh
⤴ Gas (natural and propane) (GJ) (CY2009)	34,960 GJ
⤴ Vehicle Fuel (diesel and gas) (L) (CY2009)	202,295 L
⤴ Water Consumption (m <sup>3</sup> ) (CY2009)	179,044 m <sup>3</sup>
⤴ GHG emissions (tCO <sub>2</sub> e) (CY2009)	2,358 tCO <sub>2</sub> e

**Date Adopted: May 2011**

*Resources: BC Ministry of Education Green Schools  
District of Mission Official Community Plan (OCP) Bylaw 5052-2008  
BC Ministry of Environment Climate Action*