

SUBJECT: ENERGY**1. Purpose**

The University of Northern British Columbia is committed to responsible energy use for all University owned and operated facilities while supporting its mandate of teaching and research. We acknowledge that students, staff and faculty all have a role to play in fostering a culture of energy conservation. To control costs and reduce the impact on the environment, UNBC will aim to reduce energy consumption and switch to renewable fuel sources.

2. Vision

- To maximize energy efficiencies of present UNBC energy systems;
- To replace fossil fuel sources with renewable energy sources;
- To develop sustainable energy demonstration and research facilities of particular value to northern and rural communities.

3. Goals

- To be a leader in renewable energy, with an aim to supply all of the Prince George campus energy needs from renewable sources;
 - To reduce the electrical and thermal energy consumption of all UNBC campuses by 10% by 2015 †;
 - To reduce the fossil fuel consumption for space heating of all UNBC campuses by 80% by 2015 †.
- † Compared to 2009/2010

4. Commitments

To this end, the University will:

- Explore and act on renewable energy opportunities for all campuses;
- Continue to develop renewable energy sources that integrate research, education, and facility operations;
- Measure and report on energy consumption for all campus facilities;
- Operate campus buildings and equipment in an energy efficient manner;
- Evaluate prospective conservation projects on the basis of life-cycle analysis, incorporating operating and maintenance costs;
- Consistently apply University lighting, heating and air conditioning procedures;
- Allocate energy conservation dollar savings to fund additional conservation measures;
- Employ an energy manager to:
 - identify, assess, recommend, implement and evaluate opportunities for energy savings;
 - promote energy awareness throughout the organization;
 - contribute to the delivery of UNBC courses specifically related to energy use and conservation;
 - liaise with researchers who are exploring aspects of energy use and reduction on campus; and
 - encourage conservation participation at all levels.