



The Corporation of the District of North Vancouver

CORPORATE POLICY MANUAL

Section:	Buildings - Facilities and Properties	2
Sub-Section:	Utilities - General	0970
Title:	ENERGY EFFICIENCY POLICY	1

POLICY

The District of North Vancouver is committed to considering the efficient use of electrical energy in the planning and operating of all of the facilities under its jurisdiction.

Each member of management is responsible for the energy efficient operation of his/her area of responsibility, and each employee has a vital role to play in supporting this policy.

REASON FOR POLICY

To conserve electrical energy within the municipal services wherever possible.

AUTHORITY TO ACT

Delegated to Staff

PROCEDURE

To carry out this policy, the District of North Vancouver will:

1. Maintain an active and aggressive energy conservation awareness program among all employees.
2. Consider life cycle costs when purchasing new equipment and when undertaking major repairs to equipment. (That is, products and systems with superior efficiency, which will pay for their premium costs within half of their usable life, will be preferred).
3. Provide, within reason, the best available energy efficient systems.
4. Upgrade existing facilities and equipment to higher efficiency where the change offers a simple payback of five years.
5. Maintain equipment to energy efficient standards.
6. Maintain a continuous education program in energy efficiency procedures and practices.
7. Encourage all employees to suggest an initiate projects that will save energy.
8. Ask all employees to observe established energy conservation practices.
9. Monitor electrical consumption so that energy efficiency goals can be established and performance measured and reviewed annually.

PERFORMANCE STANDARDS

1. All new purchase orders specify:
 - high efficiency motors, transformers and air compressors
 - adjustable speed drives for all fans and pumps where variable flows are required.
2. All buildings equipped with monitoring type controls to manage electrical use.
3. Lighting systems in new office buildings require no more than 5.0 kilowatt hours per square foot per year.
4. New office buildings operate on a total energy budget of no more than 18 kilowatt hours per square foot per year.
5. Natural gas, where available, is used for space and water heating.
6. All appliances meet the applicable B.C.Hydro efficiency rating.
7. Conversion where possible of:
 - watt fluorescent tubes to 34 watt tubes
 - ballasts to energy saving type
 - incandescent lamps to compact fluorescent
 - mercury vapor lighting to metal halide and high (or low) pressure sodium lighting.
8. Maintenance of equipment and of lighting undertaken to a level so as to achieve optimum efficiency of operation.

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