

## OVERVIEW OF PROPOSED OSSC ENERGY CHANGES

- a) ***Lower U values for Glazing - Prescriptive Approach*** (*Lower U-values yield greater efficiencies*). Includes:
  - i) Windows
  - ii) Exterior doors with glazing
  - iii) Skylights
- b) ***Increase the minimum R-values for floors, walls and roofs.***
- c) ***Vestibules required.*** Building entrances that separate conditioned space from the exterior will be protected with an enclosed vestibule.
- d) ***Automatic lighting controls.*** Expanded use of automatic lighting controls.
- e) ***Daylight controls for lighting.*** Expanded use of daylight sensing controls in all occupancy uses.
- f) ***Allowable lighting power density.*** Lower watts per square foot than current code.
- g) ***Exterior lighting.*** New exterior lighting power allowance based on watts for given exterior zones (entrances, walkways, parking, canopies, etc.). Current code regulation does not allow incandescent or mercury vapor lighting sources.
- h) ***Increase the minimum amount of insulation for the piping of heating systems, domestic/service hot water and cooling systems.***
- i) ***Increased efficiencies for all water heating equipment.***
- j) ***Increased efficiencies for liquid-filled distribution transformers.***
- k) ***Exhaust air-heat recovery.*** An exhaust air heat recovery system will be required for larger HVAC fan systems (supply air capacity greater than 10,000 cfm, min. outside air supply of 70% or greater and at least one fan rated at 75% of the minimum outside air supply).
- l) ***Increased efficiencies for all HVAC equipment.***