

Residential Committee - CONSERVATION

Our Goal - **PROMOTE CONSERVATION** - the General Public can benefit greatly from an understanding of how simple life-style changes can increase **ENERGY & COST** savings.

CONSERVATION MEASURES can be achieved in a series of levels:

SIMPLE - light effort and investment

MODERATE - slightly more effort, some expertise and cost

ADVANCED - advanced knowledge, expertise, technology & cost

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SIMPLE

- **DAYLIGHTING**
 - Turn off Light Fixtures & Electrical Devices
- **REDUCE VAMPIRE LOADS**
 - Turn off Small Appliances - TV's, Play-stations, Microwaves, Coffeemakers, Computers, etc.
- **NATURAL VENTILATION**
 - Turn off Air Conditioning and Open Windows
- **THERMOSTATS**
 - Turn Down during the Winter
- **CAULK & WEATHERSTRIP**
 - Windows, Doors, Basement Band-Joist Area, Attics, Ductwork
- **RECYCLE**
 - Visit our Single-Stream Recycling & E-Cycling Info Table

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MODERATE

- **SWITCH LIGHT BULBS (lamps)**
 - Switch from Incandescent to Fluorescent
- **INSTALL POWER STRIPS**
 - Easier to Turn Off Small Appliances
- **PURCHASE * ENERGY STAR * APPLIANCES**
 - Kitchen, Laundry, Mechanical Equipment
- **INSTALL PROGRAMMABLE THERMOSTATS**
 - Program for Unoccupied Hours
- **HOME ENERGY RATINGS**
 - Blower Door Tests
- **INSTALL an EFFECTIVE THERMAL BOUNDARY**
 - Air Sealing and Thermal Insulation in Direct Contact with each other reduce Energy Consumption and Increase IAQ

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ADVANCED

- **SWITCH LIGHT BULBS (lamps)**
 - Switch from Fluorescent to LED
- **INSTALL GREEN SWITCHES**
 - Turn off all Non-Essential Loads when you Leave Home
- **ZONE MECHANICAL EQUIPMENT**
 - Permits Efficient Programming of Low-Occupancy Spaces
- **INSTALL HRV or ERV – ENERGY RECOVERY SYSTEMS**
 - Pre-heat or Pre-Cool the Fresh Air in your HVAC System
- **INSTALL GEO-THERMAL HEAT PUMP, PV & SOLAR THERMAL SYSTEMS**
 - Use the Power of the Earth and the Sun
- **INSTALL * ENERGY STAR * WINDOWS & DOORS**
 - Increase Efficiency of Building Envelope
- **SUB-METER**
 - Track Energy Use