

# Municipal Energy Conservation Efforts



The City of Longmont has been an EPA Energy Star partner since 2003. Energy efficiency is considered when deciding about equipment replacement and operational procedures, as the budget allows. Some examples of these energy efficiency aspects include:

- Standardized HVAC equipment and controls specification allows for scheduled and remote control of HVAC and some lighting
- HVAC "economizer" operation uses outside air when temperatures permit
- Adopted a thermal comfort standard for consistency and energy savings in all facilities
- Staged boiler operations reduces natural gas use
- Converted all City traffic signals to LED (light emitting diode) saving an estimated 2 GWh & 1,850 tons of CO<sub>2</sub> annually
- Using Energy Star certified equipment where available
- Replaced City airport landing lights & controls saving an estimated 32 MWh & 30 tons of CO<sub>2</sub> annually
- Upgraded most fluorescent lighting to T-8 bulbs with electronic ballasts reducing electric consumption by approximately 20 percent
- Harvesting daylight where possible
- Updating sports-field lighting and controls to be more efficient and reduce light pollution
- Providing municipal energy use and energy conservation information to employees to reduce energy demand as well as overall use

