

Energy Efficiency Measures (EEMs)

Load Reduction (Building Envelope)

Windows
Window Films
Roof
Entryways / Weather Stripping

HVAC Plant

Chiller Upgrades
Replace R-11 Refrigerant
Retrofit Chiller for Lower Loads
Chiller Replacement
Create Multi-Chiller CHW Loop
Other Cooling Plant Items
Install 2-Way Valves on Chilled Water Coils
Install Variable Speed Drives on Cooling Tower Fan
Meter Cooling Tower Separately for City Water
Lower Condenser Water Temp to Improve Chiller Efficiency
Add Controls to Optimize Chiller Sequencing
Install Free Cooling for Wintertime AC
Spot Cooling in Lieu of Central Chiller
Boiler Upgrades
Retrofit Boiler for Lower Loads
Boiler Replacement
New Burners
Combustion Control
Economizers
Condensate Return
Blowdown Heat Recovery
Other Heating Plant Items
Add Reset to Hot Water Controls
Replace Defective Steam Traps
Replace Defective Valves
Repair/Add Piping Insulation
Small Boiler for Summer Loads
Outdoor Air Control
Increase Outside Air Available for Free Cooling
Reduce Excessive Ventilation
Enthalpy Economizer Control
Reduce Unnecessary Exhaust Air
CO2 Control of Outside Air in Assembly Areas

Lighting

Install LEDs
Fluorescent light retrofit (high efficiency lamps and ballasts)
Lighting controls & Occupancy sensors
Replace incandescent with higher efficiency lamps
Replace 8-ft fluorescent w/ dual 4-ft fixtures

HVAC Distribution System

Fan Systems
Fan System Downsizing
Energy-Efficient Drives
Variable-Air-Volume System
Pumping Systems (Water Side)
Downsizing Pumps
Variable-Speed Drives
Fan System Controls
Optimal Start Stop Control
Mixed Air Temperature Reset
Supply Air Temperature Reset
Nightly Temperature Set-Back
Equipment Scheduling
Motor Replacement with High Efficiency
Individual Room Control
Set Cooling Set Point Up During Summer
Set Heating Set Point Down During Winter
Prevent Simultaneous Heating and Cooling of Reheat System

Mechanical System Tune-Up

RCx

Additional Items

Renewable Energy
Solar DHW
Fume Hoods
Install Sash Stops and Readjust Exhaust Air
Install Variable Air Volume Control
Energy Star-Rated Office Equipment