

**City of Sandy Springs**

Recommendations for Reducing Energy and Water Use

**Facility: Hammond Park Gym**

- Consider a pilot LED outdoor lighting retrofit
- Measure: Convert metal Halide Lights to T-5 Fluorescents in gyms
- Install multi-switching ability
- Use Occupancy Sensors in Restrooms
- Use low-flush toilets and urinals with automatic flush valves
- Use low flow aerators on lavatories with auto cut off

**Facility: Hammond Park Admin Bldg. and Field House**

- Measure: Install Occupancy Sensors in restrooms in both buildings and Storage room
- Install low flush automatic toilets and urinal
- Use auto shut off low flow aerators on lavators

**Facility: Heritage Park**

- Measure: Install occupancy sensors in offices and restrooms for both light and air condition
- Install additional security lighting near the first floor access
- Control irrigation with timer
- Special events in September with small power use require meters kept on all year
- Cut off gas meter in summer months

**Facility: Morgan Falls**

- Measure: Add Sensor operated flush and faucet valves in football storage area
- Relocate kitchen thermostat
- Provide type K fire extinguisher in kitchen and concession areas
- Install auto flush valves in ball field handicapped toilets
- Add electric hand dryers in restrooms
- Replace window air conditioner in Spirit Concession
- Install code approved exhaust hood in concession area
- Use compact fluorescent bulbs in scoring booth
- Re-lamp and increase lighting in Ball Building
- Add occupancy sensors in restrooms

**Facility: Over look**

- Measure: Use High efficiency motors on pumps in lift station
- Change restroom lights to fluorescent and add occupancy sensors

**Facility: Tennis Center**

- Measure: Use occupancy sensors to control both lights and air conditioning settings
- Add heating in locker rooms
- Replace outdoor halide lights with outdoor grade fluorescents
- Replace indoor halide lights with T-5 fluorescents
- Replace Shop and Locker area lights with T-8 Fluorescents
- Upgrade hand dryers in restrooms
- Use low flow automatic toilets and urinals
- Use automatic shut off faucets

<b>Facility: Grace Park</b>
Measure:
<b>Facility: Lost Corner</b>
Measure: Reinsulate the duct work
Weather Strip Windows and Doors
Increase Attic Insulation
Retrofit 5-Ton heating and Cooling unit to high efficiency model
<b>Facility: Fire Station #1 Spalding @ Roberts - City owned</b>
Measure: Replace old air conditioning system and clean ductwork
Replace truck bay exhaust filters with exhaust and heat exchanger system
Clean light fixtures
Utilize occupancy sensors better
Install a new ventilation system in locker rooms
Replace gas water heater with hi-efficiency model
Use low flow toilets, urinals, lavatories and showers
<b>Facility: Fire Station #2 Johnson Ferry Rd - City owned</b>
Measure: Replace air conditioning system with new hi-efficiency system
Replace truck bay filter system with exhaust and heat exchanger system
Install high efficiency water heater
Install a new ventilation system in locker rooms
Use low flow toilets, urinals, lavatories and showers
<b>Facility: Fire Station #3 - Heard's Dr - Leased</b>
Measure: This facility is in excellent shape - a model for other fire stations.
<b>Facility Fire Station # 4 - Wieuca Rd - Leased</b>
Measure: Captain's and Chief's areas should have new efficient air conditioning
Truck bay filters should be replaced with exhaust and heat exchanger system
Gas water heater should be replaced with hi-efficient model
Install new ventilation system in locker rooms
Use low flow toilets, urinals, lavatories and showers
<b>Facility: City Hall - Leased</b>
Measure: Courtroom area is lacking necessary fresh air to compensate for the number of people in the space. Add energy recovery ventilator, air conditioning and rework air conditioning controls
Measure: All air conditioning, with the exception of the Liebert units and Mitsubishi unit are past their efficient lives and are costing more to operate than new equipment. Recommend a program to systematically replace the equipment with new equipment as repairs dictate spending. Work with landlord to come to equitable split of costs to replace equipment
Measure: Consider a complete retrofit of lighting in all areas now served by T-12 lamps and core wound ballasts replaced by T-8 lamps and electronic ballasts. Savings are not only in lighting but also in btu/h's into the space from ballasts adding load to air conditioning.
<b>Facility: Police Bldg #300 - Leased</b>
Measure: Consider a complete retrofit of lighting similar to measure called out for City Hall

Measure: Replace the air conditioning unit with the perforated heat exchanger before heating season to prevent CO concentrations inside the building

Measure: Consider air conditioning upgrade similar to City Hall upgrade with participation of landlord

<b>Facility: <u>Police Bldg #400 - Leased</u></b>
Building 400 is a new renovation and there is little if anything to recommend.
Measure: Possibly install occupancy sensors for lighting & ac





