

- I. **GOAL:** Improve building energy efficiency, while providing a high-quality learning environment for students and staff.
  - **Continue to minimize energy needs to limit budgetary impact.**

Commitment is needed from all students and staff members.

  - **Finance department will update building principals quarterly on building usage.**
  
- II. **ACTION PLAN:** The following measures will continue to be taken at each ACSC building to reduce energy usage.

**Energy Conservation Practices**

- 1. Cooling Season Set Points
  - Occupied Set Point 74
  - Unoccupied Set Point 80
- 2. Heating Season Set Points
  - Occupied Set Point 70
  - Unoccupied Set Point 60
- 3. Pool Water Temperature Set Points
  - Avon High School 78 – 82
- 4. Occupied Times
 

	<u>Start (A.M.)</u>	<u>Student Day</u>	<u>End (P.M.)</u>	<u>YMCA Zones</u>
• Avon Administration Center	7:00		5:00	
• Avon Maintenance Center	7:00		3:30	
• Avon Transportation Center	5:00		4:00	
• Cedar	7:40	8:40 – 3:45	4:45	Café, Gym
• Hickory	8:05	9:05 – 3:45	4:45	Café, Gym
• Maple, Pine Tree, River Birch Sycamore, White Oak	7:30	9:00 – 3:40	4:30	Café, Gym
• Avon Intermediate East	8:00	8:50 – 3:50	4:45	Café, Gym
• Avon Intermediate West	6:50	7:55 – 2:45	3:45	Café, Gym
• Avon Middle School North	6:30	7:30 – 2:30	3:30	
• Avon Middle School South	6:30	7:30 – 2:30	3:30	
• Avon High School	6:30	8:00 – 2:55	3:30	

Building principal has authority to override an un-occupied set point for evening activities that are school related.

## 5. Sustainable Practices

- District
  - Building temperature controls will be re-commissioned as needed to verify temperature control units are operating and reporting correctly.
  - Maintain preventative maintenance program for facilities and systems, including HVAC, building envelope, and moisture management.
  - Exterior lighting times:                   Dusk to 12:00 a.m.  
  6:00 a.m. to daylight
  - Irrigation of fields during non-daylight hours
  - Finance/Operations Department will research energy monitoring software to more effectively communicate usage.
  - Educate all staff and students on appropriate energy savings practices.
- Principals
  - Schedule assemblies in areas consistent with size of group.
  - Blinds on windows receiving direct sunlight should be closed at night during the winter months and during the day during cooling months.
  - Personal appliances including: microwaves, coffee pots, space heaters, and refrigerators be removed from classrooms and utilized in staff lounge areas only.
  - All office equipment will be turned off each night.
  - All computer monitors, speakers, and non-networked printers will be turned off each night. Networked equipment is excluded.
  - Keep lights off in unoccupied areas.
  - Ensure outside air dampers are closed during unoccupied times.
  - All domestic hot water systems set no higher than 120 degrees in restrooms and 160 degrees for food services.
  - Repair caulking and weather-stripping as necessary.
  - When feasible, schedule wet deep cleaning of carpets during the dryer times of the year.
  - Solicit feedback from teachers and students on energy conservation.
  - Inform the public and appropriate school groups about conservation efforts.
- Staff
  - Classroom windows should be closed when the HVAC is operating.
  - Do not cover or block thermostats.
  - Report leaks, broken ceiling tile, etc. immediately.
  - Turn off lights when leaving the classroom.
  - Turn off computers, monitors, and printers every night.
  - All AV equipment, including *Smart Boards*, will be turned off every night.
  - Air filters will be changed as necessary.
- Maintenance
  - Maintenance staff will address specific concerns and monitor to confirm classroom temperatures.
  - Maintenance will advise administrators of rooms that are not operating as specified.