

PECO Energy Audit: Barton

By

Kenneth Huot

Outdoor

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- Outdoor Temperature: 82°F
- Outdoor Relative Humidity: 41%
- Weather: Sunny
- No Heating or Cooling System In Use.

Classroom #12

- Indoor Temperature: 79°F
 - Relative Humidity: 42%
 - Hot Water Temperature: 131%
 - Contains a
- ## Thermostat.
- No Windows Open.
 - No Blinds Closed
 - Faucets not dripping
 - 6 Windows
 - No Adjustable Vents.
 - No Adjustable Lights.
 - Electronic Light Ballasts.
 - Light Meter Reading: 67
 - No Faucets Dripping.
 - All Lights are on.
 - Electrical Appliances:
Computer + Monitor-72 watts



Computer Room



- Indoor Temperature: 84°F
- Relative Humidity: 42%
- Hot Water Turned Off
- Contains a Thermostat
- 6 Windows
- Some Windows Open
- No Blinds Closed
- Faucet(s) Dripping
- All Lights Are On
- Light Meter Reading: 67
- Electronic Light Ballasts
- No Adjustable Lights
- No Adjustable Vents
- Electrical Appliances:
Printer – 20 watts, 32
Computers and
Monitors – 2304 watts
- Some Computers in Use

Comments Hotter than other rooms

Faculty Room

- Indoor Temperature: 82°F
- Relative Humidity: 40%
- Hot Water Turned Off
- Contains a Thermostat
- 6 Windows
- No Windows Open
- No Blinds Closed
- Faucets Not Dripping
- All Lights Are On
- Light Meter Reading: 57
- Electronic Light Ballasts
- No Adjustable Lights
- No Adjustable Vents
- Electrical Appliances:
 - Coffee Maker-756 watts
 - Microwave-1196 watts

Office

- Indoor Temperature: 80.1°F
- Relative Humidity: 34%
- No Faucet
- No Thermostat
- 4 Windows
- No Windows Open
- No Blinds Closed
- No Faucets Dripping
- All Lights Are On
- Light Meter Reading: 48.7
- Electronic Light Ballasts
- No Adjustable Lights
- No Adjustable Vents
- Electrical Appliances:
 - Fan-50 watts |
 - Computer + Monitor- 72 watts |
 - Security Camera- 32 watts

Suggestions

- Turn Off Computers Not In Use
- Turn Off Lights In Unused rooms
- Unplug Unused Electrical Appliances in Faculty Room
- Get some adjustable lights to use less energy on lights

Summary

- All 4 Rooms Contain Electronic Lights Ballasts
 - No Blinds Closed in All Rooms
 - Lights Turned on in All of The Rooms
- There are no Adjustable Lights or Vents in Any Room
- $\frac{3}{4}$ Faucets Dripping and 2 rooms contain Thermostats