

A large field of white wind turbines is shown under a cloudy sky at dusk or dawn. The turbines are arranged in rows across a grassy field. The sky is a mix of blue, purple, and orange, suggesting the time is either early morning or late evening. The text is overlaid on the image.

Energy Audit at Maple Shade Elementary School

**By: Mark Nusser
& Ryan Navalsky**

Kilo Watts Used

- Computer
 - 0.9 watts used
- Computer printer
 - 0.4 watts used
- Projector
 - 346 watts used
- Toaster
 - 685 watts used
- Refrigerator
 - 115.3



Computer Room

Number of windows	6
Indoor temperature	74.6°F
Relative Humidity	37.8%
Light meter reading	43
Hot water temperature	73°F
Light Ballasts,	Electronic
Was there a thermostat?	No
Was there adjustable vents?	Yes
Were there adjustable lights?	No
Were the lights on?	Yes
Were the windows open?	No
Were the blinds closed?	Some
Were the faucets dripping?	No

Classroom # 20

Number of windows	8
Indoor temperature	76.6°F
Relative Humidity	38.0%
Light meter reading	46
Hot water temperature	76.6°F
Light Ballasts,	Electronic
Was there a thermostat?	No
Was there adjustable vents?	No
Were there adjustable lights?	No
Were the lights on?	Yes
Were the windows open?	No
Were the blinds closed?	Some
Were the faucets dripping?	No

Faculty Room

Number of windows	4
Indoor temperature	77.0°F
Relative Humidity	38.6%
Light meter reading	29
Hot water temperature	N/A
Light Ballasts,	Electronic
Was there a thermostat?	No
Was there adjustable vents?	Yes
Were there adjustable lights?	No
Were the lights on?	Yes
Were the windows open?	No
Were the blinds closed?	Some
Were the faucets dripping?	N/A

Recommendations

- Maple Shade staff members can turn off lights when they leave the rooms.
- Unplug all kitchen accessories when not in use.
- In classrooms open up windows when warm, instead of using the fans.
- Turn off all electronics if not being used.