

Kenton County School District

October 2025 Board Meeting

Monthly Highlights

- Electrical usage across all schools in August 2025 was up 12% compared to August 2024. It was discovered that this was mainly due to HVAC scheduling issues at Dixie High School and R.C. Hinsdale elementary.
- ENERGY STAR scores have stayed consistent this month with the exception of R.C. Hinsdale and Dixie H.S. Issues that have impacted occupancy schedules for HVAC systems at these schools resulted in increased energy usage and decreased ENERGY STAR scores.
- E=WISE is off to a great start for the year. 154 students attended the annual student workshop at Twenhofel M.S. and participated in numerous hands-on team building and energy related activities.

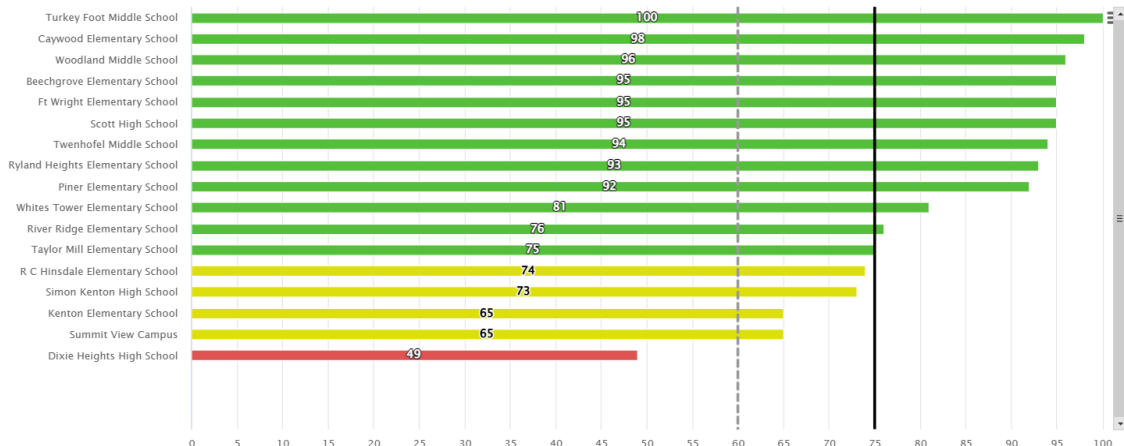
Current Performance

Data in this section is from utility bills dated through September 15, 2025.

Duke Energy bills include 30 days of billing data that start at various days of the month depending on location. Bills received in August have partial data for July and August, therefore billing data for the month of August is incomplete.

Facility Scores from ENERGY STAR Portfolio Manager

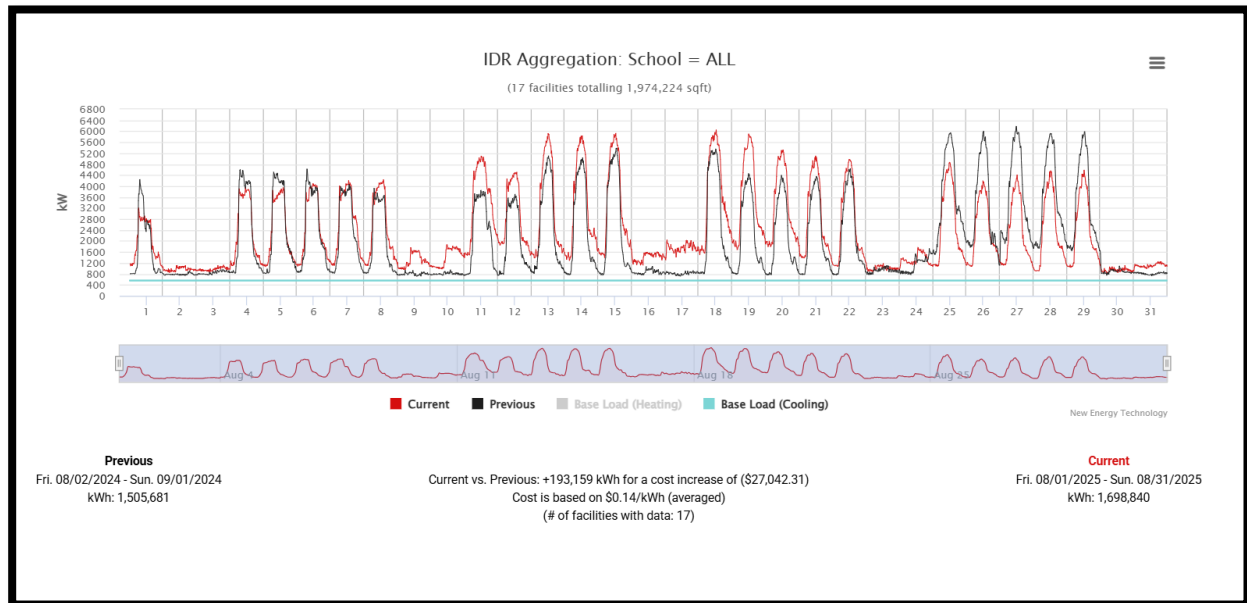
Facility ENERGY STAR Scores (All Facilities) - Jul 2025



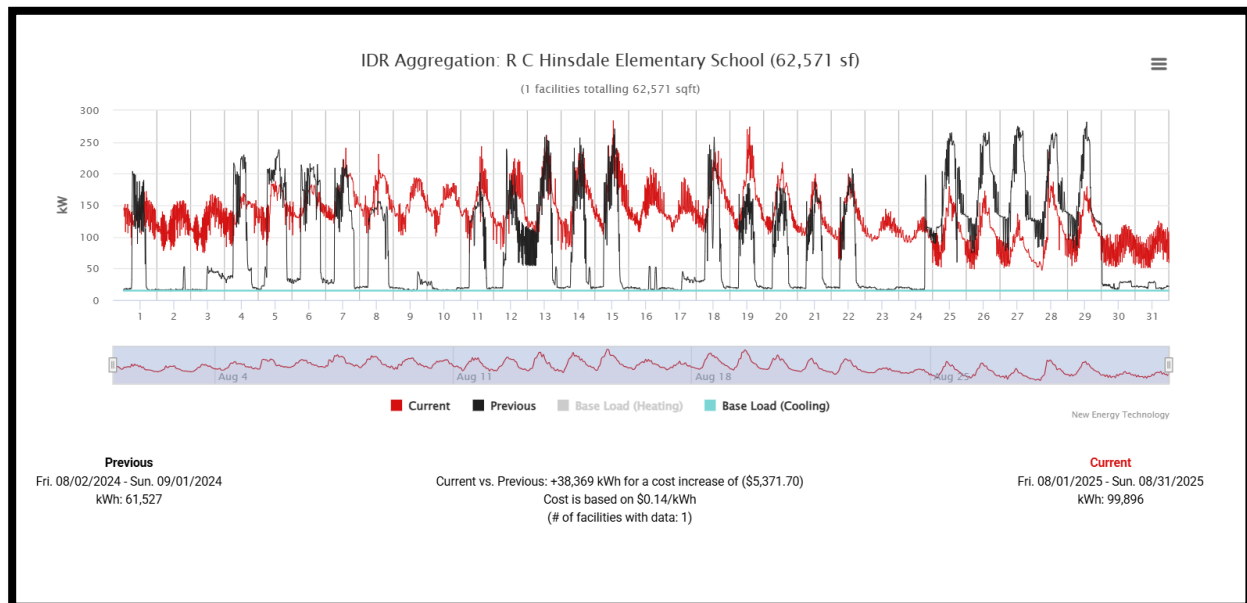
15-minute Interval Data

Electricity Load Profiles

Data in this section is directly from utility meters and updated daily.

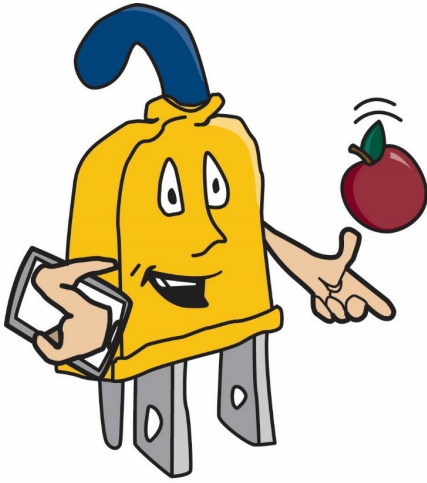


Electrical usage across all schools in August 2025 was up 12% compared to August 2024. The bulk of this increase is mainly attributed to HVAC control issues at Dixie High School and the construction at R.C. Hinsdale elementary. At Dixie, it was discovered that multiple attempts to adjust the occupancy schedules for the HVAC equipment were unsuccessful and the system kept reverting to 24/7 operation causing a 25% increase in usage. The HVAC controls contractor has addressed the issue and it is now working correctly.



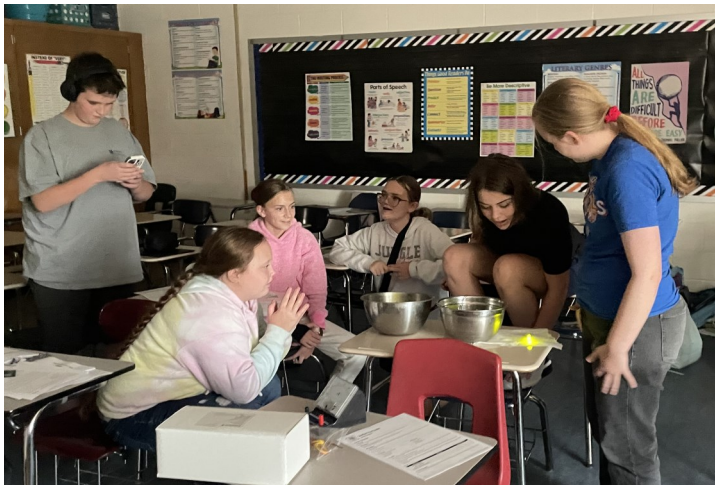
Hinsdale's energy use increased by 40% compared to last year. It was discovered that HVAC occupancy schedules were set to 24/7 operation in order to maintain building temperatures during the hot month of August. Now that temperatures are more moderate, schedules have been adjusted and will be monitored to ensure a balance of occupant comfort and energy usage.

E=WISE²

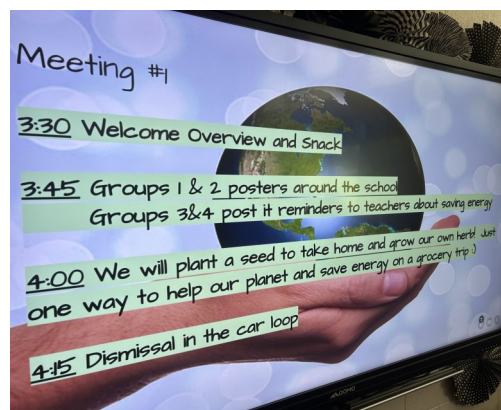


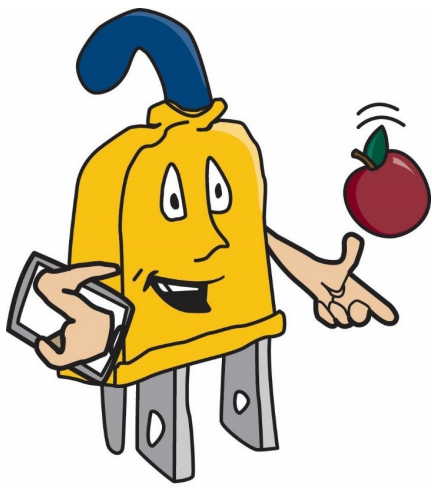
The month of September was full of E=WISE activity! Chris Baker attended Woodland's E=WISE team's first meeting. They discussed plans for the year and completed experiments from NEED's Science of Energy kit.

Other teams have requested to use the science of energy kit and additional kits were purchased for team use.



Caywood's E=WISE team invited the communications team to their first meeting to discuss their ideas for this year's project. Chris Baker has arranged for lighting engineers from CTMA to meet with the team in November to help investigate their ideas related to parking lot lighting.





E=WISE²

The annual E=WISE student workshop was held at Twenhofel Middle School. 154 students attended a workshop on either 9/23/25 or 9/24/25. Ft. Wright, R.C. Hinsdale, River Ridge and Ryland attended the workshop on 9/23/25 and Beechgrove, Caywood, Taylor Mill, Turkey Foot, Twenhofel, Summit View Academy, and Woodland attended on 9/24/25. With the increased participation of students in E=WISE, it will be necessary to expand the workshop to three days to accommodate all of the students.

The workshop consisted of multiple hands-on team building and energy related activities facilitated by NEED representative Tyler Cvitkovic. Multiple staff members from IT, operations and the communications team were present to help with kicking off the workshop, helping with activities, and serving lunch. Their help was invaluable to the success of each day.

