

Demand Response Case Study

Norman Public Schools



Putting Business Demand Response to Work

Norman Public Schools led Oklahoma's K-12 sector in demand response performance in 2025 – keeping classrooms comfortable while contributing to a more reliable grid.

Program Details

As Oklahoma's 8th largest school district, Norman Public Schools (NPS) manages 34 facilities and 2.8 million square feet of classroom, office, and special use space, all while keeping an eye on operational costs, a culture of sustainability, and community impact. When OG&E launched its Business Demand Response (BDR) Program, NPS saw an opportunity to turn energy conservation habits into a way to earn incentive payments and contribute to a more reliable grid.

By combining investments in LED lighting and building automation systems (now covering 85% of the district) with simple staff actions during demand response events, NPS became the top-performing school district in the state of Oklahoma.

Performance That Stands Out

NPS achieved 95% of their curtailment target, delivering an average load reduction of 236 kW per demand response event called. On their strongest performing day, the district was able to achieve 482 kW of reduction – enough to power hundreds of Oklahoma homes during a hot summer afternoon.

Among the four K-12 school districts enrolled in OG&E's program, Norman Public Schools ranked first in total kilowatt savings! That ranking is a testament to the customized plan the NPS and OG&E teams created together, along with strong support from the BDR team to achieve continued success.

16K+

Students Enrolled

34

District Facilities

2.8M

Square Feet of Space

#1

Performing K-12 Participant in 2025

Event Performance at a Glance



482 kW

Highest Single-Event Reduction

95% **236 kW**

Curtailment Target Met

Average Load Reduction/Event

Technologies In Use

- LED lighting
- Building Automated System controls on 85% of HVAC
- OG&E's Energy Efficiency Program at all sites

Demand Response Event Actions

- Unplug non-essential appliances
- Raise thermostat setpoints by 2-5 degrees
- Use natural or dim overhead lighting by 50%



Interested?



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"The BDR team support has been phenomenal. They have been great to work with and provided a detailed explanation of the program before, during, and after demand response events."

- Sarah Chan, Energy Specialist at Norman Public Schools