

Adtran saved more than \$283k in two years with TVA EnergyRight® Strategic Energy Management.

Adtran, Inc. is a vendor of networking equipment for the residential and enterprise markets. Its campus in Huntsville, Alabama, includes production, office and lab spaces that require a high cooling load. Working with Huntsville Utilities and TVA EnergyRight, Adtran joined the Strategic Energy Management (SEM) program to identify savings in its existing systems and habits.

SEM BY THE NUMBERS:

\$283,413 saved

27

energy-saving opportunities identified

3,015,034 kWh
energy saved

2 years

with Strategic Energy Management

THE CHALLENGE

Adtran knew its campus used a lot of energy. What it didn't have was a clear picture of where that energy went or a way to keep tracking it once the obvious fixes were done.

THE SOLUTION

TVA EnergyRight engineers performed an Energy Assessment and documented 27 energy-saving opportunities. Adtran's team worked through them over two years — automating system controls, revising ductwork to improve airflow, optimizing the chilled water system and building energy awareness into daily operations.

THE IMPACT

Two years of SEM and post-project monitoring saved Adtran \$283,413 and 3,015,034 kWh. The program also helped Adtran with DOE Ready recognition and ISO 50001 certification. Additional benefits of SEM include Performance Tracking Modeling and support from TVA EnergyRight consultants.

"SEM took what was already a good energy program and formalized it into a structured, sustainable approach."

Kelley Whalen,
Energy Manager, Adtran

HERE'S WHAT CHANGED

BUILDINGS

- Consolidated operations into one building.
- Decommissioned 15 legacy servers.
- Shut down idle equipment.

SYSTEMS

- Optimized chilled water temperatures.
- Started energy awareness campaign.
- Monthly after-hours audits.

PEOPLE

- Established energy team dashboard.
- Defined SMART energy goals.
- Added energy policy in onboarding.



To connect with a TVA Energy Expert, submit the form at EnergyRight.com/business-industry/energy-expert.



Explore more energy management solutions at EnergyRight.com/business-industry.