



A LARGE CONSUMER ELECTRONICS RETAILER SWITCHED TO RESULTS

Over 15% annual savings realized
on energy expenditure.

The Need:

- Achieve energy savings targets across 1000+ stores in USA by partnering with strategic energy management services provider.
- Transform store operations to minimize store associates' effort.
- Reduce greenhouse gas emissions of the store network by 20% by 2020.
- Enhance customer in-store experience by moving from reactive to proactive management of services.
- Manage heterogeneous vendor environment for electrical and HVAC services across 50 states.



1100+
retail stores

40+ Mn sq ft
of retail space

100,000
assets including
HVAC units,
lighting circuits,
sensors and meters

ANALYZE

The Solution:

- Integrated Wipro Energy Management Platform with existing building automations, protecting investments.
- 24X7 Energy Operations Center to proactively monitor & troubleshoot HVAC and electrical assets through the Wipro Energy Management Platform.
- Work with stores & utility providers on demand response & peak load shaving.
- Continuous identification and commissioning of energy saving strategies through dynamic control of connected stores.

20 Mn
data records
processed per day

ACHIEVE

Over
150
Bn Wh
saved

Remote call
resolution
improved by
15%,
saving dispatch
costs

The Results:

- Contributed to achieving US Department of Energy Better Buildings Challenge goals 6 years ahead of schedule. Moved to top performer position in CDLI in 2 years.
- Standardization of policies for store associates & customer comfort across all stores.
- Achieved zero errors for holiday schedules.
- Achieved operational efficiency in managing and maintaining lighting, HVAC and plug load across the chain with over 60% remote resolutions.
- Structured service management across vendors for superior service.

The Future:

- Transform maintenance management of energy assets to data analytics based predictive maintenance.
- Further reduce electricity demand in line with consumption reduction results.

ACCELERATE

