



A LARGE TELECOMMUNICATIONS SERVICES COMPANY SWITCHED TO RESULTS

Transformed operations across multiple states & improved reliability, along with 3.8% energy savings - year-on-year for 4 years.

The Need:

- Improve availability of power utilities infrastructure for assured uptime of mission critical telecommunications equipment.
- Promote energy efficiency through better visibility and control on energy consumption and 24x7 strategic monitoring of utilities infrastructure, without compromising power & environmental specifications for telecom infrastructure operations.
- Improve efficiency of ongoing operations & maintenance of utilities and HVAC infrastructure systems through site operations.



26
mission-critical
Mobile Switching
Centers (MSC)

~72 Mn kWh
per annum
energy consumption

ANALYZE

The Solution:

- Deployed building automation to manage the electro-mechanical assets.
- Incorporated remote monitoring through our Energy Management Platform and Centralized Services Desk operations which helped structure operating procedures.
- Restructured the asset maintenance contracts with national contracts with clear service level expectations and standard rates.
- Holistically assessed facilities to improve reliability of infrastructure and to ensure Electrical, Mechanical and Health & Safety Compliances. Post assessment, corrections were implemented to eliminate any single point of failures and to eliminate Health & Safety risks.
- Identified and deployed energy saving strategies.

ACHIEVE

The Results:

- Ensured power availability and environmental parameter compliance for telecom equipment operations through proactive monitoring.
- Improved operational efficiency through optimal utilization of infrastructure.
- Reduced the cost through operations transformation, energy savings and financial management of maintenance contracts.



The Future:

- Sustain and grow energy savings for incremental year-on-year savings.
- Continuous improvement of infrastructure reliability.

1.6 Mn kWh
savings delivered
in one year

843 ton
CO₂ emissions
saved

ACCELERATE