

# Decarbonizing telcos with VPPs

Closing the sustainability gap in telecoms



# The challenge

McKinsey cites telcos' rising 5G/6G energy use, complex valuechain costs, poor compliance and missed green opportunities.

## The solution

With Intertrust Energy, telcos can turn energy into profit—orchestraiting energy sources via VPPs to cut emissions and unlock new revenue.

### Advantages of telco virtual power plants

#### **Optimized energy economics**

- Up to 30% reduction in energy costs through intelligent energy flexibility
- Real-time forecasting and automated dispatch minimize reliance on high-carbon grid power

#### Seamless renewable energy integration

- Maximizes on-site renewables (solar, storage) while maintaining operational reliability
- Enables participation in green energy markets to offset Scope 2 emissions

#### Monetization of energy assets

- Supports demand response participation for additional revenue
- Unlocks 50-80% energy cost offsets via energy market trading and ancillary grid services

# Your next step

Explore how VPPs can cut telco emissions, reduce costs, and unlock new revenue for your operations.

