

Decarbonizing telcos with VPPs

Closing the sustainability gap in telecoms



The challenge

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

The solution

With Intertrust Energy, telcos can turn energy into profit—orchestrating 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.

[Read more](#)

