

Building capability to operate the electricity grid during the Olympics

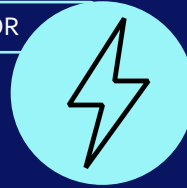


SERVICE



Capacity building

SECTOR



Energy

REGION



South America

CHALLENGE

- Wanted to prepare the electricity system for the unique challenges posed by hosting the Olympic Games
- Needed to improve demand forecasting, strengthen security, reliability, and resilience, accelerate maintenance, and develop new governance protocols

ACTIONS

- Used the UK National Grid's preparation for London 2012 Olympics as a case study
- Interviewed National Grid staff, distribution network operators, policymakers and Olympics coordinators
- Developed new governance processes, prioritization frameworks and implementation timelines
- Led Brazilian operators on a 3-day mission to UK facilities

RESULT

- The Operator used the outputs to prioritise actions, accelerate maintenance, strengthen security, coordinate stakeholders and develop new governance and emergency procedures
- Power was provided to the Rio 2016 Olympic and Paralympic Games without interruption across 834 events