Engineering and Consultancy Solutions

Refurbishment, Replacement and New Build
Why choose National Grid

- **Cost-saving:** By choosing to refurbish your assets with us, you will lower unit costs of delivery and shorten outage times with less complex commissioning switching programmes.
- **Our expert teams** will refurbish your assets to the highest possible required standard.
- **Comply with industry standards:** The results that we deliver will adhere to the Grid Code.
- **Efficient delivery of your programme:** We have a single contract with the manufacturer to ensure efficient and safe programme delivery.
- **Original asset parts:** We can provide you with a wide range of original replacement parts as needed.

Our solution

- **Refurbishment:**
  - Refurbishment addresses the condition of an asset, assessing any known failure modes, ageing and defects.
  - Refurbishment enables direct, like-for-like asset exchange and doesn’t interfere with the busbar protection system and civil structures.
  - Allows you to keep familiar assets on site.
  - Lower unit costs of delivery.
  - Shorter outage times with less complex commissioning switching programmes.
  - By refurbishing your assets, you will be able to keep familiar assets on site.

Replacement and new build:

- **We offer our customers:**
  - Feasibility studies, design, and procurement, through to build and commissioning for power transmission and distribution plant and equipment at 132kV and above.
  - A single contract with the manufacturer – customers benefit from integrated equipment with a consistent design, key dates, and delivery milestones.
  - Single resource reduces the risk of delay on the programme through reduced number of interfaces.
  - All assets are designed and installed in compliance with Grid Code requirements.
  - We can provide you with replacement parts as needed.