

**Electricity  
Transmission**

**nationalgrid**

Engineering and Consultancy Solutions

# Refurbishment, Replacement and New Build



## Who for

Are you looking to refurbish an asset or to design and commission a new asset onto the National Grid Electricity Transmission system? We offer refurbishment and replacement asset management solutions to customers within the High Voltage (HV) electricity industry.

### 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.

### Engineering and Consultancy Solutions

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This service is available from other industry providers