**PROJECT OVERVIEW**

Instalcom has been awarded a high profile contract to decommission existing cables that form part of the London Power Tunnels 1 (LPT1) cable network. The scope of works includes 3 routes of 275kV fluid filled cable systems and associated infrastructure with a total route length of approx 44km. The decommissioning scheme runs through densely urban areas of London, predominantly under highways, a canal towpath (c.8km), few parkland areas and multiple third party land. The cable routes to be decommissioned are:

<table>
<thead>
<tr>
<th>Circuit</th>
<th>Description</th>
<th>Route Length</th>
</tr>
</thead>
<tbody>
<tr>
<td>St John's Wood - Tottenham (SJOW-TOTT)</td>
<td>Double Circuit</td>
<td>16km</td>
</tr>
<tr>
<td>St John's Wood - Willesden (SJOW-WISD)</td>
<td>Double Circuit</td>
<td>7km</td>
</tr>
<tr>
<td>Willesden - Wimbledon (WISD-WIMB)</td>
<td>Single Circuit</td>
<td>21km</td>
</tr>
</tbody>
</table>

The purpose of the decommissioning scheme is to remove the cables from the system as they form a significant part of National Grid's NOM's cable target and therefore need to be removed within the RIIIO-T1 Period.

**KEY CHALLENGES**

- Programme & outage dates
- Interface with multiple stakeholders including:
  - Local Authorities
  - Canal & Rivers Trust
  - Network Rail
  - UK Power Networks
  - Other Utility Providers
  - Private Landowners
  - Local Residents & Businesses
  - Emergency Services
  - Schools, Colleges & Universities
- Safe handling & disposal of fluid filled cables & associated equipment

**DELIVERY & INNOVATION**

- Instalcom appointed as Principal Contractor
- Instalcom to develop project Design Intent Document (DiD)
- Instalcom innovative methodology for removal of cables within canal towpath
- Instalcom adopting a collaborative approach in working with National Grid
- Instalcom to implement safety behavioural programme initiative 'Mindset'
- Instalcom engaged specialist Supply Chain partner for support in the removal and processing of Chromium that is present within cooling water on SJOW-TOTT & potentially the WISD-WIMB routes
PROJECT KPIs

- Achieve ZERO harm
- No Environmental incidents
- Full compliance with Technical Specifications and high quality engineering
- Compliance with Programme milestone dates
- Proactive communications with stakeholders and third parties that results in positive interactions and outcomes
- To exceed Customer Care expectations
- Execute the works leading to positive brand promotion of National Grid
- Implement common protocols to enhance Instalcom / National Grid relationship