



Power to the Estuaries



Project Overview

- Phase 1 - Reinforce the supply at Felixstowe upgrading from 33kV to 132kV feed from Ipswich
- Phase 2 - Link the peninsula's of Shotley and Dovercourt to Felixstowe to increase reliability using HDD underneath the Orwell and Stour Rivers



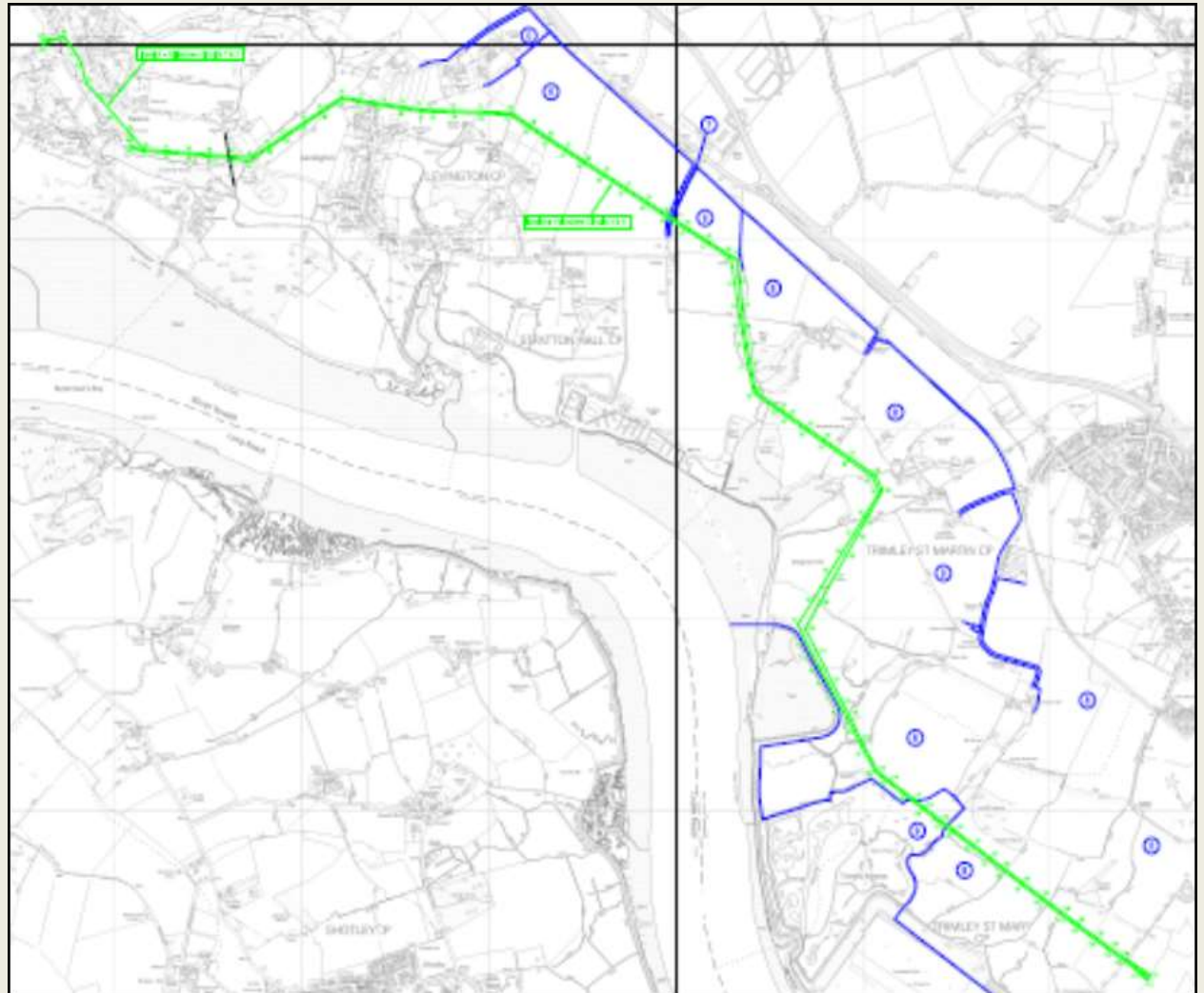
Phase 1 - Ipswich to Felixstowe - Programme

- All land owner consents in place now for Phase 1 works
- One outstanding planning permission near Levington for a small switching station
- Pre-investigation for Archaeology & Ecology is completed with the mitigation plans in progress
- Stakeholders consultation will now be completed on the scheme with residents starting to be letter dropped
- Project commencement - August 2016
- Scheme is mostly off highway but there will be some small road closures at crossing points but access will be maintained or co-ordinated



Overhead Line Removal

- Phase 1 – Late 2017 or early 2018 (weather dependant)
- Remove the 2.no dual 33kV Overhead Lines between Nacton and Felixstowe
- Access to be agreed with land owners in 2017 as project proceeds.



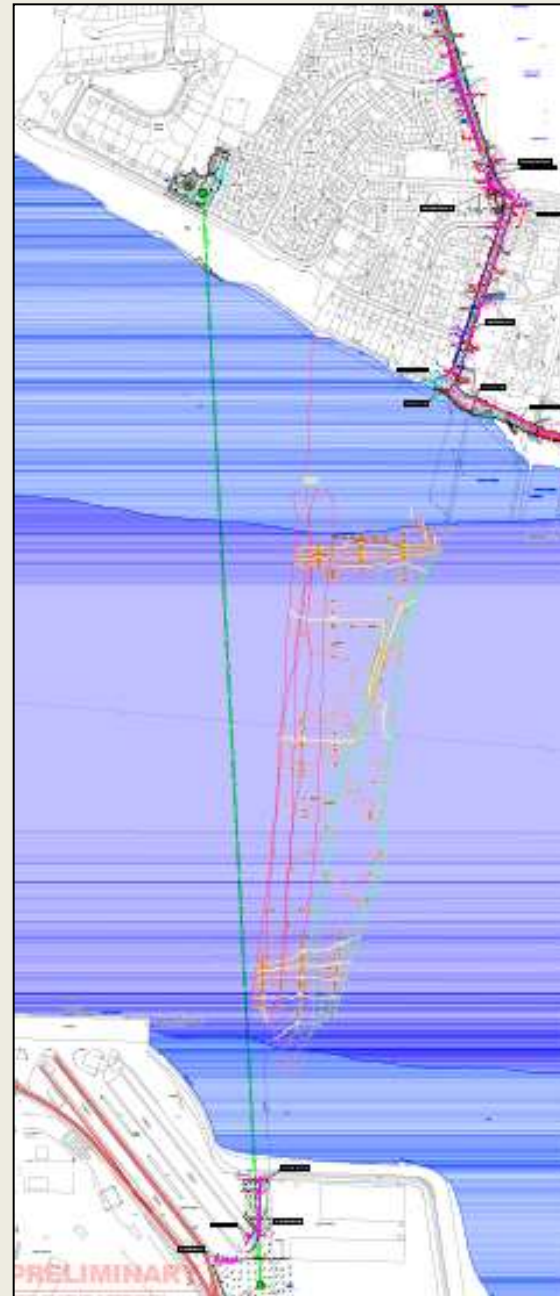
Phase 2 – Harwich, Shotley & Felixstowe interconnection- Programme

- Phase 2 to commence July 2017 with Orwell works and drills
- Majority of consents and permissions in place with work proceeding on completion
- Pre works for Archaeology and Ecology completed with ongoing discussions as construction approaches
- Highways are being consulted to the best traffic management plan to reduce the impact to Shotley and Shotley Gate
 - Traffic light control with works near the school restricted to holiday period.
 - Works in Kitchener Way and Lloyd Rd – Shotley Gate to be co-ordinated with local residents



Horizontal Directional Drill (HDD)

- July 2017 to October - Orwell Trimley Marshes to Shotley 1.1km
- October to January 2017 -Stour Shotley to Dovercourt – 1.72km
- Summer holidays 2017 – Rail HDD from Harwich port into Mayflower School – 0.3km
- Detailed Consultation with local residents will commence in Shotley Autumn 2016 for the properties backing onto the launch area.
- UKPN will monitor and restrict any ambient noise, light and traffic movement to a minimum in the area of the HDD.



Project Benefits

- Allows for load growth for the estuary towns and villages as well as providing for Felixstowe & Harwich port growth.
- Security of supply for Shotley, Harwich, Felixstowe and Martlesham BT as well as surrounding villages
- Removal of OHL network from RAMSAR, SSI & AONB



**Thank You & Any
Questions?**