

Lackenby - Picton - Shipton 400 kV Transmission line

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National Grid must

- Run an efficient, economic system
 - Consider the environment
 - Facilitate competition
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Teesside - North Yorkshire

- 75 km of new 400 kV Double Circuit
 - 6 km to be placed underground
 - Protect the view for large number of people
 - 10 year process
 - High power (3490 A) 12 cables (2 per phase)
 - 2000mm² conductor PPL insulation CAS
 - Consider the environment
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Teesside - North Yorkshire

- Archaeology - Round house discovered
 - Topsoil stored and replaced
 - Few trees removed
 - Designed to avoid fluid (DDB) leaks
 - Hedgerows replaced (DTS)
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Nunthorpe - Newby cable route



Installation of 400 kV PPL cable



DDB Tanks in sealed enclosure



Directional drilling to preserve hedgerow



Wheel washing



Iron age roundhouse



Reinstating the topsoil



Teesside - North Yorkshire

- Consider the environment
 - Expect objections
 - View the wider picture
 - Expect the unexpected
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