

# Investing in our networks Supplying energy through reliable and cost efficient networks

## UK major infrastructure investment

We're investing around £20bn through to 2021 to ensure Britain's energy system is ready for a low carbon future.

National Grid also operates one of the most reliable energy network systems in the world. Consumers pay for the cost of this infrastructure through the network costs part of their energy bills. Their contribution is critical to maintaining the networks that deliver electricity and gas.

**2021** By 2021 we will replace 15,000kms of gas mains.

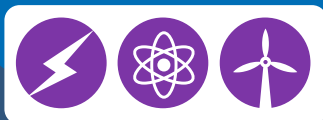
**£12.3bn** To connect new power stations and renewable energy sources.

**£9.5bn** To replace ageing infrastructure.

\*Figures are approximate and could change in line with projects

### North West Coast Connections

Will connect the electricity generated by Moorside, the 3.4GW nuclear power station that will be built near Sellafield in West Cumbria.



### London Power Tunnels

A seven-year project to rewire the capital via deep underground tunnels to meet increasing electricity demand.



#### KEY TO THE MAP

- England & Wales electricity transmission system
- Gas transmission system
- Gas distribution network

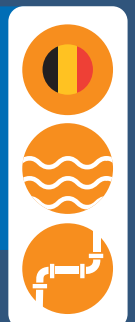
### Hinkley Point C Connection



A proposed new high voltage electricity connection between Bridgwater in Somerset and Seabank near Avonmouth to connect a new nuclear power station at Hinkley Point and other generators.

### Richborough Connection

Proposed 400kV electricity transmission connection between Richborough and Canterbury in Kent to connect the new UK to Belgium interconnector (known as the Nemo Link®) enabling electricity to flow between the two countries.



For more information on how we're investing in our networks  
<http://www2.nationalgrid.com/uk/in-your-area/projects/>