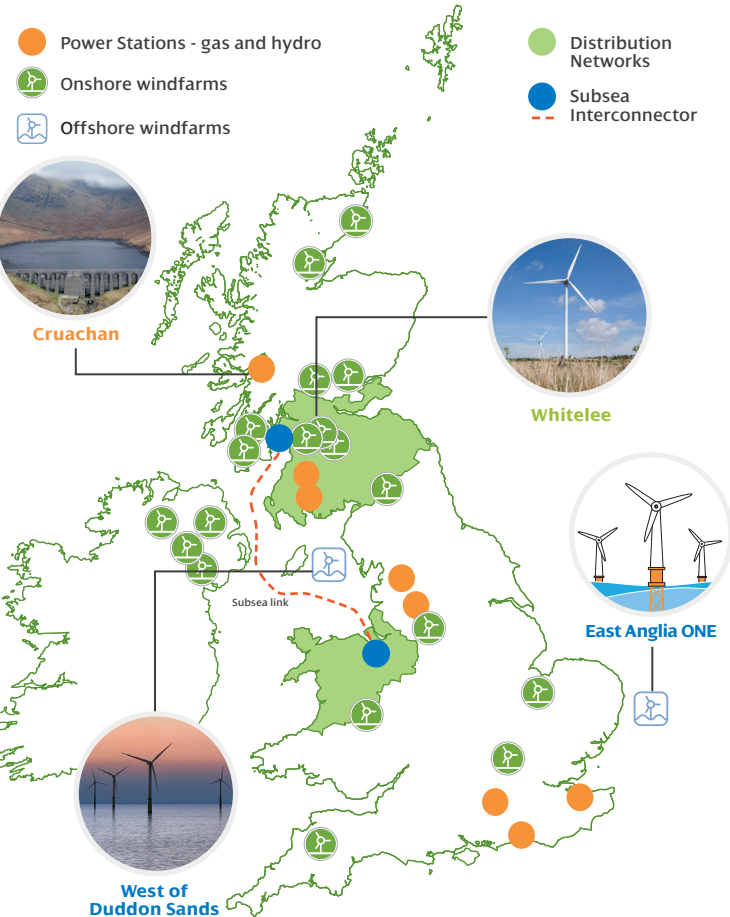


Operating UK wide



Making clean energy work for you

Onshore - delivering low carbon energy



Whitelee - UK's largest onshore windfarm

- **215** turbines, enough green energy to power almost **300,000** homes
- Our **4** star Visitor Centre has welcomed over **500,000** people and is playing a big part in the community

Our 2,000MW target

- **38** operational windfarms by the end of 2017
- 2016/17 **£655m** investment programme - **8** windfarms, **221** turbines, **474MW**

Offshore - growth projects



East Anglia ONE

- This **£2.5bn** project will utilise **102**, Siemens **7MW** turbines powering more than **500,000** homes every year
- Onshore construction commenced Spring 2017, with **full operation** planned for **2020**
- The target to deliver more than **50%** of UK content across the life of the project has been achieved

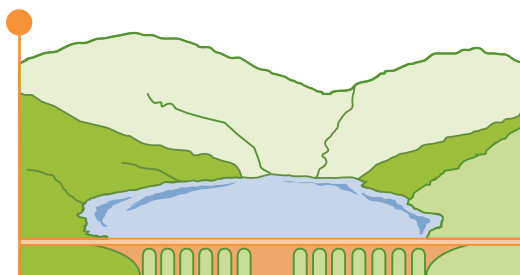
Wiking

- **€1.4bn** to construct this 70 turbine **350MW** project in the Baltic Sea
- Under construction, this offshore windfarm will be operational by the end of 2017
- This project will create benefits across the entire supply chain and support hundreds of long-term highly skilled jobs

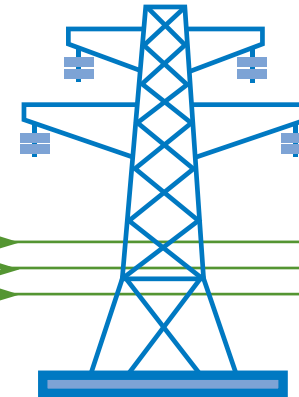
Pump Storage - Cruachan

A cleaner way to meet peak demand

- **Develop large scale electricity storage** - so that UK plc can use our natural resources more efficiently
- Pump Storage hydro is a major asset for electricity generation worldwide
- As simple as turning on a tap, Cruachan can currently generate **440MW** in **30 seconds**
- We believe we could develop between **400 - 600MW** of additional capacity with an investment of between **£300 - £400m**



Industry changing infrastructure projects



- Innovate in the transportation of power with first of a kind smart grid technology and the introduction of a **Distribution System Operator** model
- Reducing networks costs on consumer bills through innovation – by **8%** in Central and Southern Scotland and by **12%** in Manweb
- Most ambitious upgrades to the electricity network for more than half a century
- Now in 5th year of **£2.6bn** RIIO T1 Transmission investment (2013-2021)
- Now in 3rd year of **£4.4bn** RIIO EDI Distribution investment (2015-2023)
- Delivering excellence in customer service and industry leading reconnection times during severe weather incidents

Delivering the largest bi-directional subsea interconnector in the world - operational 2017



The WesternLink HVDC project, one of engineering's greatest challenges, is about to become reality as the longest subsea direct current cable in the world has reached land. This **£1.3bn** project will secure electricity for the whole of the UK, allowing electricity to flow north and south, taking low carbon energy to where it is needed.

- **£1.3bn** investment, part of RIIO - T1
- More than **380km** of subsea interconnector cables
- Operating at 600kV, providing an additional **2,200MW** of capacity
- Capable of transferring power in **either direction**
- Employing **450** employees and contractors
- Operational: **towards the end of 2017**