Future Network Development

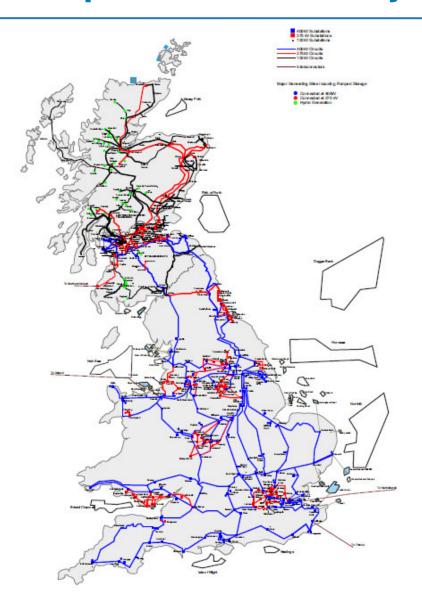




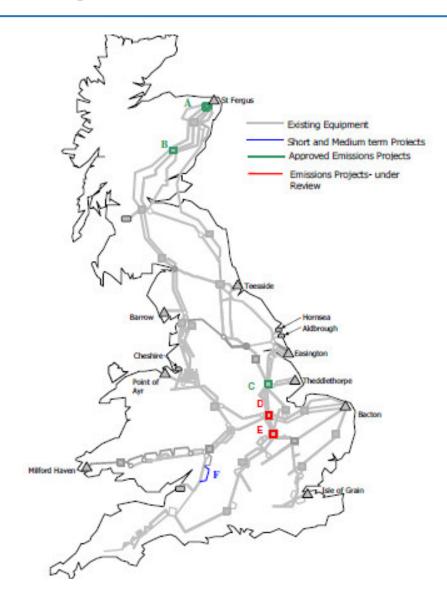


Phil Sheppard Head of Network Strategy National Grid

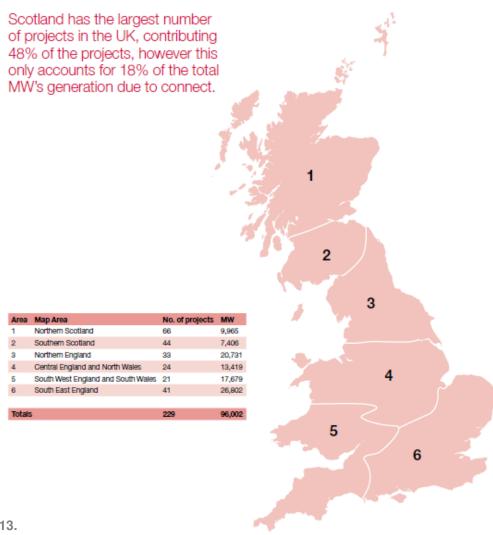
Network Development - Electricity



Network Development - Gas



Contracted Generation – 96GW / 229 Projects

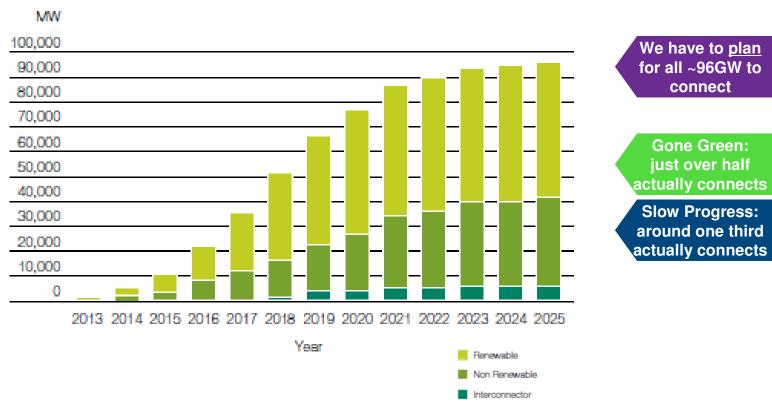


Source: National Grid TNQCU – July 2013.

^{*} No new contracted generation after 2025.

Contracted Generation & Scenarios

Contracted future renewable and non-renewable generation



Source: National Grid TNQCU – July 2013.

^{*} No new contracted generation after 2025. Renewable fuel types: Biomass, Hydro, Tidal, Wave, Wind

Network Development Policy



FES as a starting point

Boundary Capabilities

Establishes Options

Least Regret Methodology

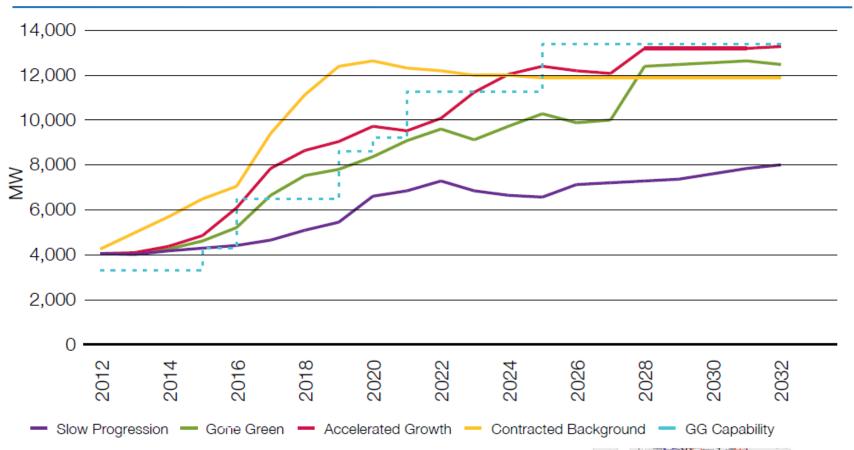
Proposed Investments

Part of EYTS

Consultation process

Network implications: B6 boundary example

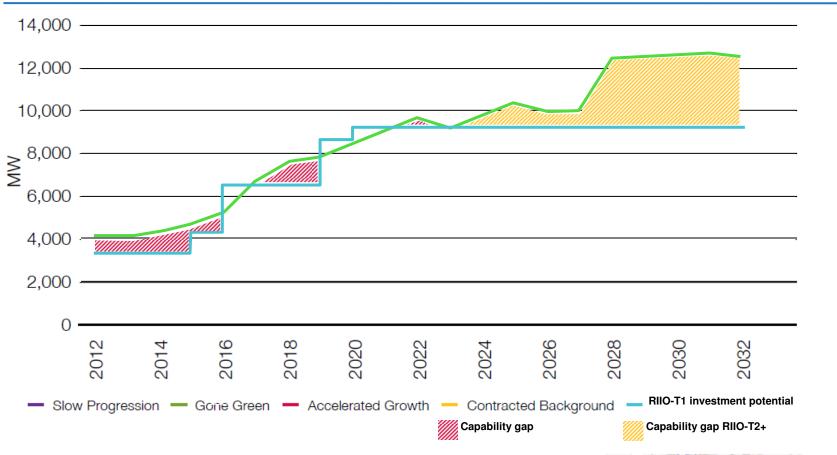
nationalgrid





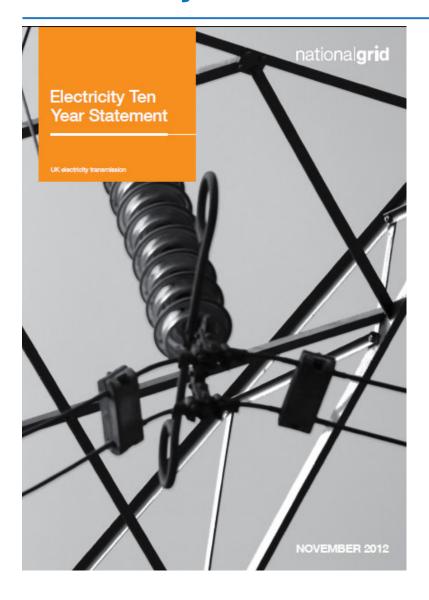
Network implications: B6 boundary example

nationalgrid





Electricity Ten Year Statement



Published November

Describes NETS

Boundary Capabilities

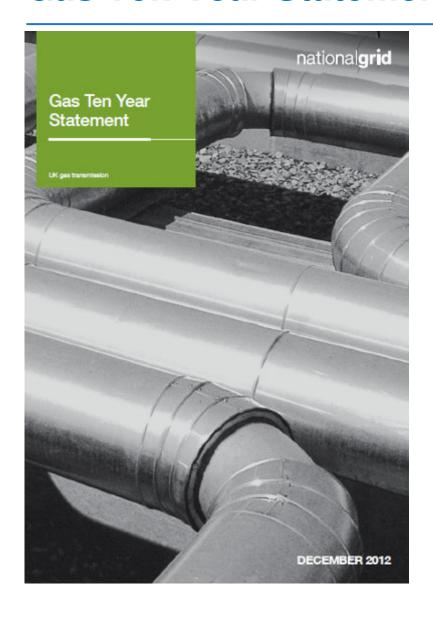
System Operation

Proposed Investments

Technology Route-map

Consultation process

Gas Ten Year Statement



Published December

Supply / Demand

Describes NTS

NTS Capacity

System Operation

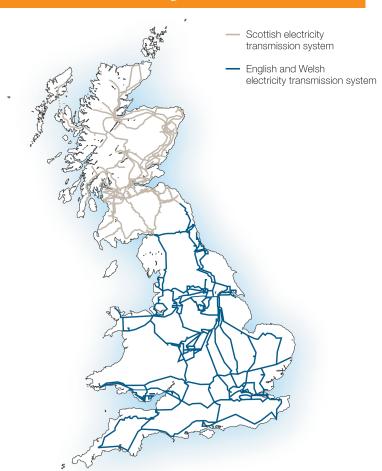
Proposed Investments

Technology Route-map

Consultation process

Network Strategy

Electricity network



GB existing electricity transmission system

Gas network



GB existing gas transmission system