

RWE



~15%
of UK electricity generated



~14m
equivalent UK homes powered



€8bn net
expected investment in clean energy
infrastructure 2024-2030



~3,100
UK based employees

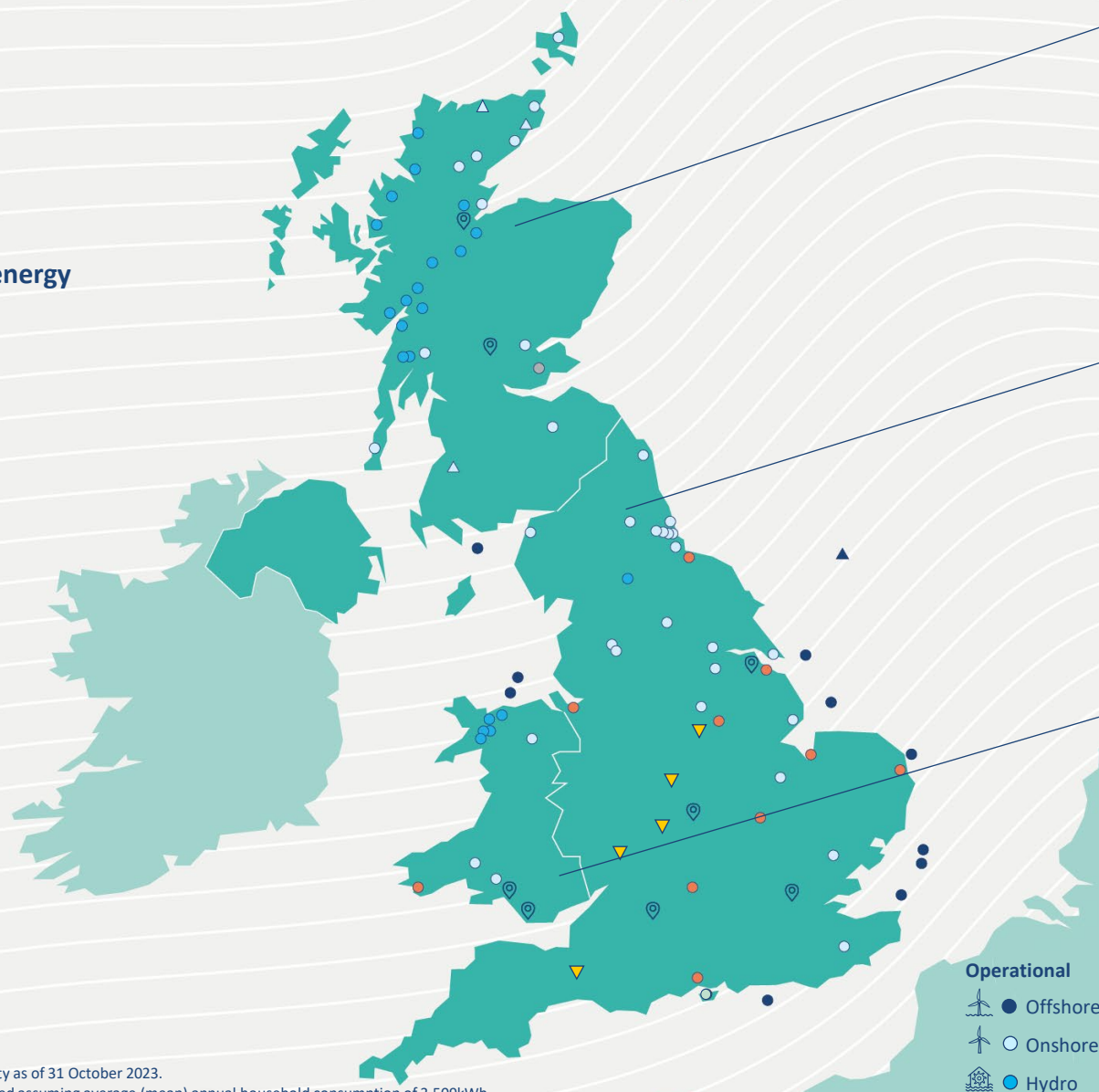
UK



In operation		MW
10	Gas	6,929
33	Onshore wind	738
10	Offshore wind	1,912
1	Biomass	55
21	Hydro	78
3	Gas oil	253

Sites in operation	Total installed capacity
77	9,968 MW

Under construction	MW
Offshore wind	1,400
Onshore wind	168
Solar & co-located battery (BESS)	375



Scotland



Installed sites		MW
10	Onshore wind	213
1	Offshore wind	174
1	Biomass	55
15	Hydro	33

Sites	Total installed capacity
27	475 MW

England



Installed sites		MW
9	Gas	4,748
20	Onshore wind	339
7	Offshore wind	1,407
1	Hydro	1
3	Oil	253

Sites	Total installed capacity
39	6,748 MW

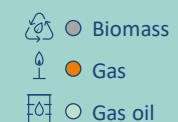
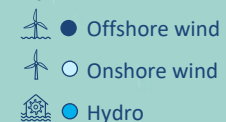
Wales



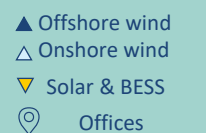
Installed sites		MW
1	Gas	2,181
3	Onshore wind	186
2	Offshore wind	333
5	Hydro	45

Sites	Total installed capacity
11	2,745 MW

Operational



Under construction



RWE



The Future Energy Ecosystem

UK Government Targets:

Offshore wind: **50GW** by 2030

Solar: **70GW** by 2035

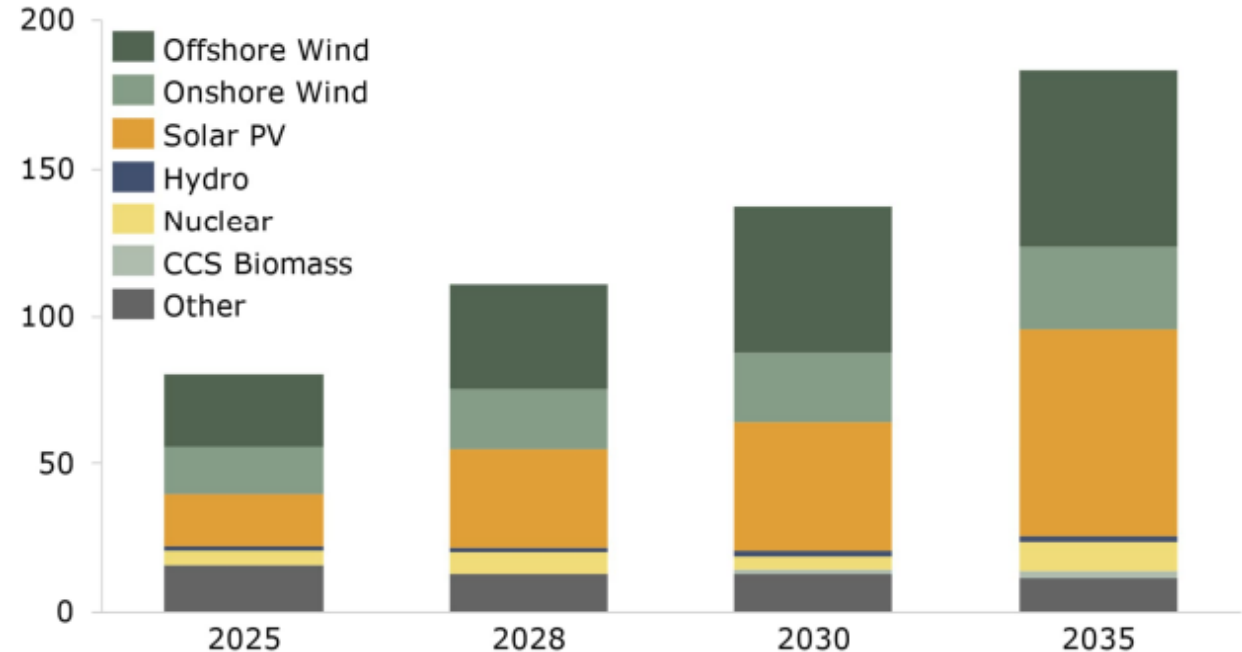
Hydrogen Production: **10GW** by 2030 (6GW green; 4GW blue)

Carbon Capture: up to **30MtCO₂** per year by 2030

10-15GW needed by 2035 for decarbonised power

Decarbonised power system by 2035, subject to security of supply.

Exhibit 3.4 – Fixed generation capacities in the power sector (GW)



Biomass CCS capacity was back-calculated from biomass feedstock assumptions (baseload operation).

Other technologies include Biomass, Energy for Waste, Combined Heat and Power, and Reciprocating Engines.

Notes: Demand side response is an input assumption, however it is a function of demand (fixed fraction) and therefore differs across the scenarios.

Source: AFRY, CCC

* Climate Change Committee, modelling conducted by Afry

Offshore Wind



Backbone of a decarbonised power system



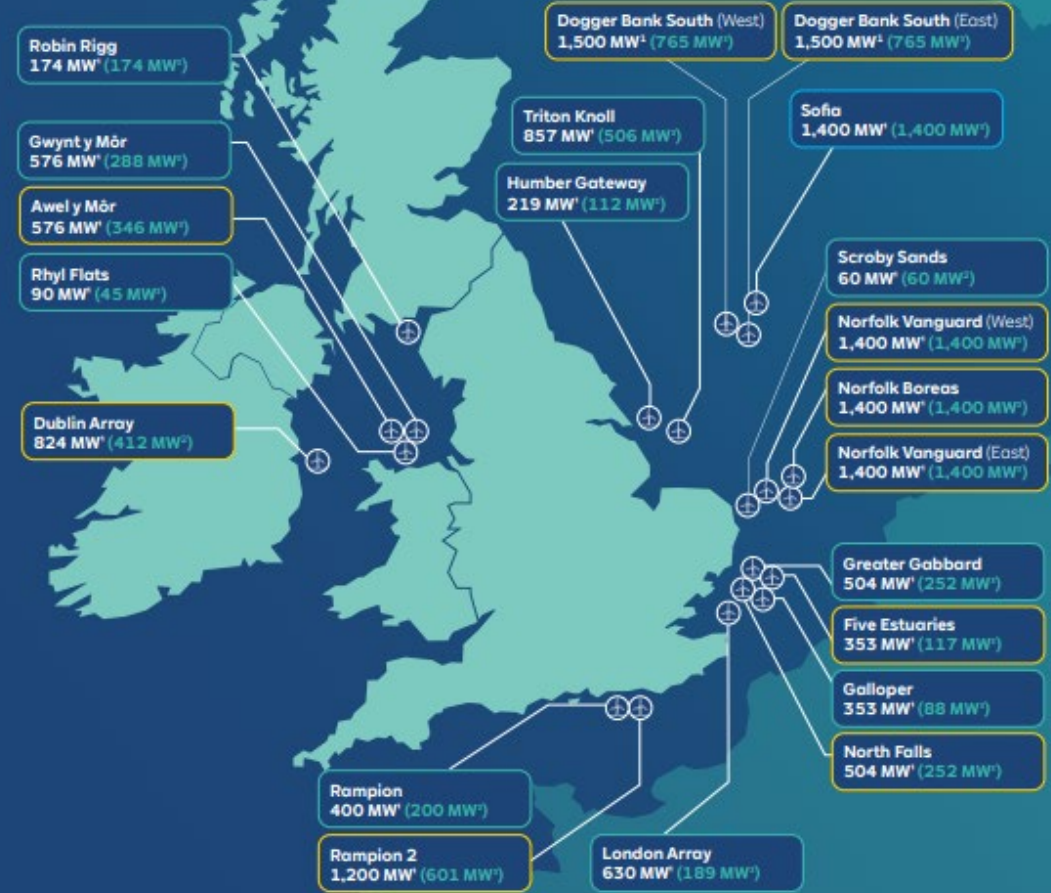
Natural strength for East Anglia



Long RWE history in the region

- in operation
- under construction
- in development

¹ Total installed capacity
² Owned renewables capacity as of March 2024. Pro-rata capacity



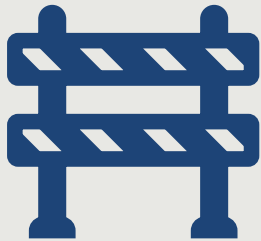
Accelerating delivery



Clear and transparent support frameworks: the CfD.



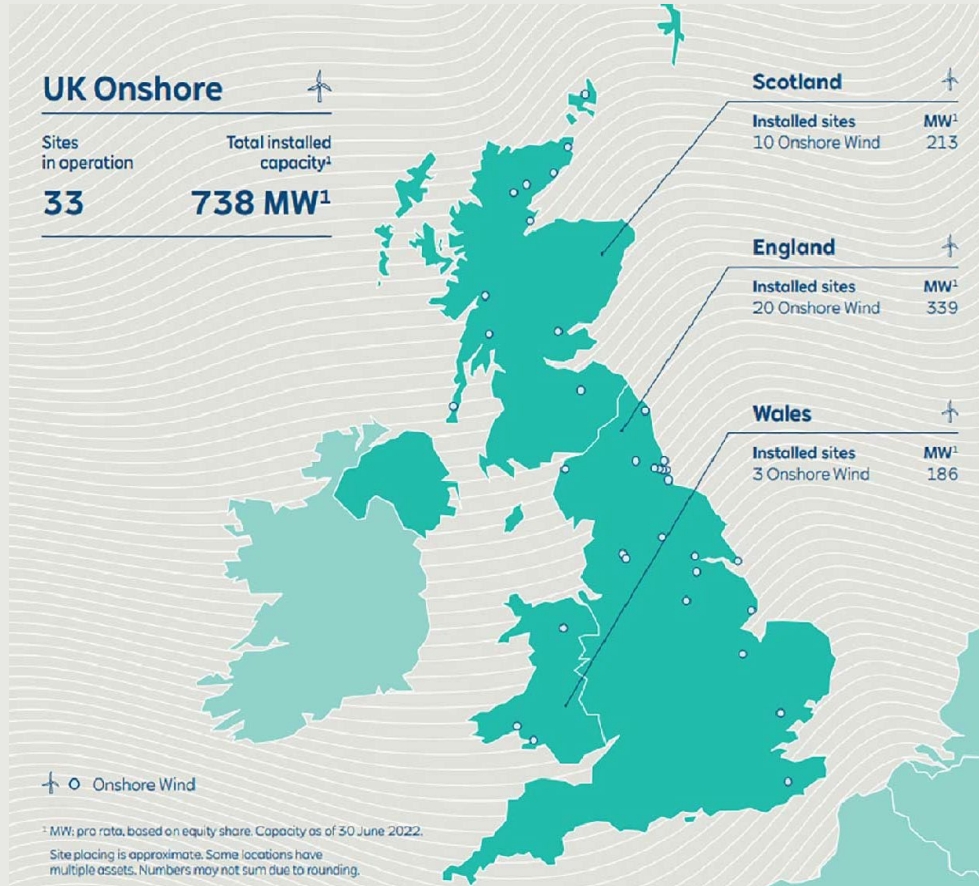
Catching up after missed opportunities: failure of AR5 and making a success of AR6.



Addressing barriers to deployment: grid, planning and skills.

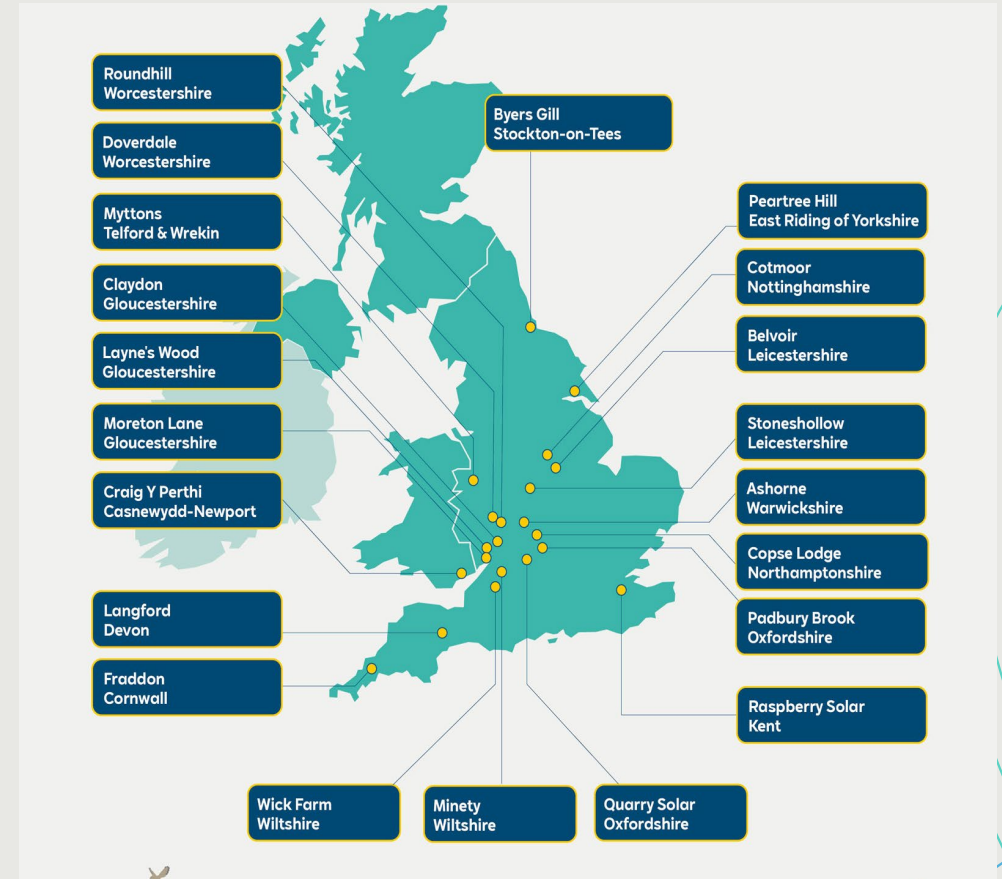
Onshore and Solar

Onshore wind: 33 projects (738MW) operational. 22 Projects under development



Overtake the ban on onshore wind in England!

Solar: 21 projects (4.4GW) under development



Treat appropriately for low level of complexity; provide clarity on fast track




Low carbon firm, flexible generation

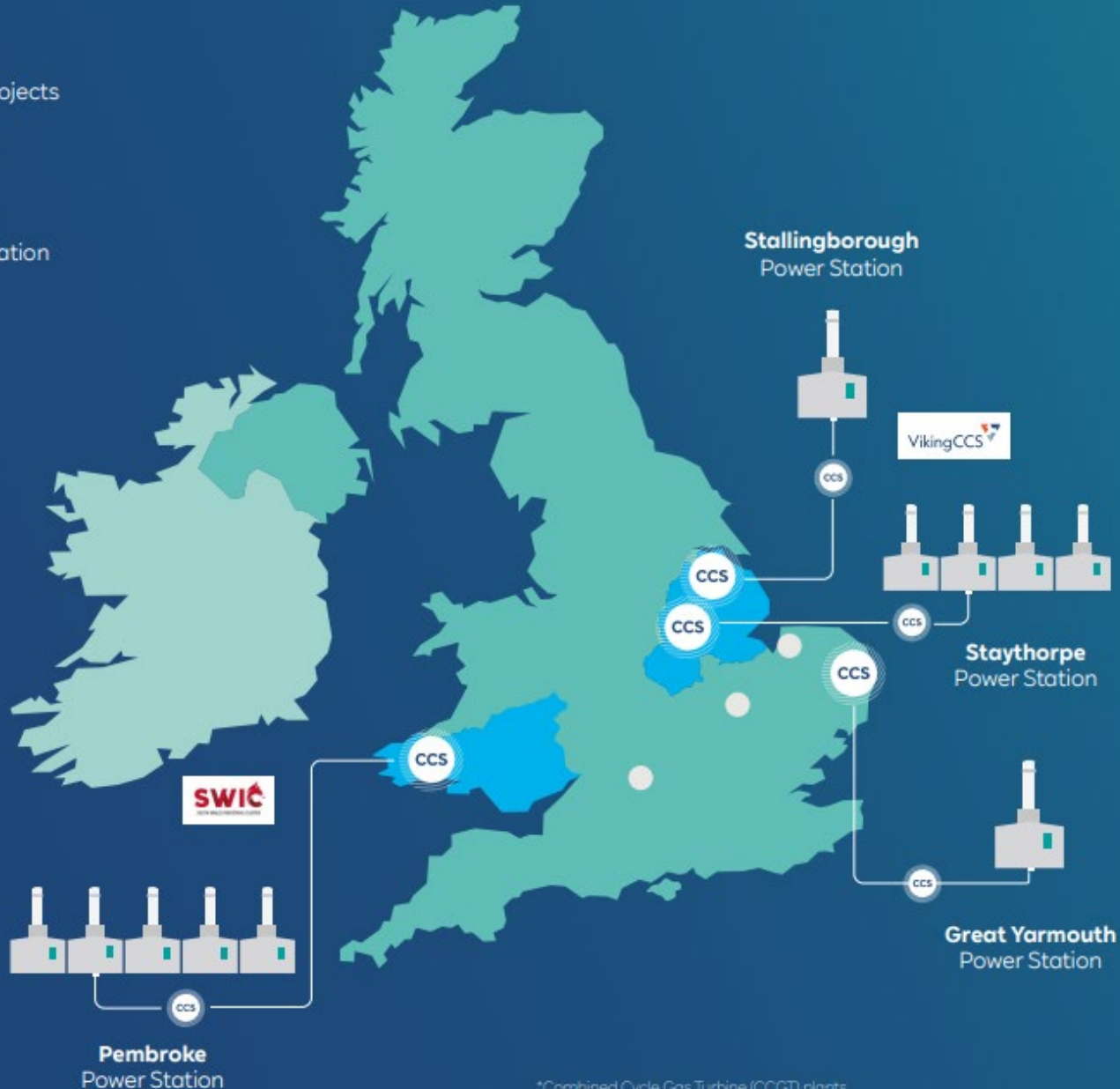
Transparent, stable support frameworks: the DPA

Government policy: CCUS Vision

What is needed next: reach FID on Track-1; select projects for Track-2

Key

-  RWE's carbon capture projects
-  Other RWE gas plants *
-  Industrial clusters where RWE is a partner organisation



*Combined Cycle Gas Turbine (CCGT) plants

** Calculated based on 2022 generation, and assuming average (mean) annual household consumption of 3,509kWh, based on 2021 statistics from the Department for Energy Security & Net Zero.



RWE & SGN
Partnership

Pembroke Net
Zero Centre

Wilton Green
Hydrogen

Harwich Green
Hydrogen

RWE, Mitsui & Port
of Tilbury

Hydrogen

Transparent, stable support mechanisms:
Hydrogen Production Business Model

Government policy: “Hydrogen Moment”

What is needed next: HAR2, stick to
commitments; T&S infrastructure

East Anglia's Energy Ecosystem: Accelerating to 2030



Stable and transparent support frameworks: CfD, DPA and hydrogen business model



Developing skills: provide the workforce for the transition



Reform the grid: deliver transmission infrastructure to enable timely grid connections

Fix planning: accelerate the consenting process and provide greater certainty over decision-making



Result: cleaner, cheaper power and jobs and investment for the region.