
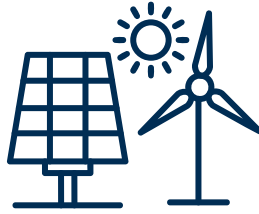



### Scotland's current generation capacity




Scotland's current winter peak gross demand is 4GW, rising to approximately 6GW by 2030. Its generation capacity is 17.8GW and, based on energy modelling from National Grid ESO, it could potentially rise to 43GW by 2030



By the end of December 2023, 517 renewable electricity generation projects with a potential estimated capacity of 25.9 GW are in the planning pipeline




Energy Strategy and Just Transition Plan (ESJTP) is due for publication by summer 2024 and will set out a vision for Scotland's energy system to 2045 and a route map of ambitions and actions





Potential inward investment figures c. £6-8bn total

Scotland's capacity for electricity generation from renewable sources has increased substantially over the past 10 years and currently stands at 15.3 GW – a 10% increase compared to 13.9 GW in 2022




Datacentres are generators of high value jobs






Energy demand from datacentres 200MW, 500MW and 600MW (1.3GW total)

### Current curtailment payments



Overall, from January 2021 to April 2023, £1.5 billion has been spent to curtail more than 6.5 TWh of wind power resulting in 2.5 million tonnes of emissions



As of December 2023, Scotland has 12.5GW of wind farms

### Inward investment agencies involved



**SCOTTISH**  
DEVELOPMENT INTERNATIONAL



Department for  
Business & Trade



Office for  
Investment

### Partners involved



SCOTTISH  
FUTURES  
TRUST



 Scottish Enterprise



 Crown Estate  
Scotland  
Oighreachd a' Chrùin Alba