

Statkraft UK Ltd have 8 contracted projects, totalling approx. 1.5GW of onshore wind and battery in Scottish Power Transmission's network area. Several of the projects included in their T3 plan, and thus their relevant expenditure, are required to be completed in order to connect our projects. We are currently reviewing connections reform proposals and methodologies, with a plan to apply for gate 2 offers for the majority of our projects across our portfolio.

Case Study

Within SPT's T3 business plan, they reference the Western HVDC link case study, where the Run-Back scheme enabled the link to operate at an increased 2.2GW export capacity. This allowed our Neilston project (part of the NOA Stability Pathfinder programme) to connect and start supporting NESO in ensuring system stability).

Load Related Infrastructure

Artfield Wind Farm has a 85.8MW connection in June 2030. The 12 turbines were consented by the Scottish Government in Feb 2023 and so are fully grid reform protected.

The connection is onto the 132kV Newton Stewart to Glenluce line but sits behind the completion of the Kendoon to Tongland Reinforcement (KTR) which still awaits approval from Scottish Ministers following a public inquiry.

Currently (along with our Appin 66MW onshore wind project), Artfield will follow the MSIP equivalent in T3 which will be Use-It-Or-Lose-It (UIOLI) if under £25m or Load Related Reopener (LRR) if over £25m.

Though not enough has been communicated on the nature of how these mechanisms will work in practice, these need to be more time efficient/effective than its current predecessors (MSIPs & LOTIs).

However, the reinforcement and connection works for Artfield Wind Farm have a significant GW queue value to CP2030 and should be accelerated within the RIIO-T3 plan as soon as planning approval is confirmed.

Other examples of where SPT T3 reinforcements are required as enabling works for our projects include:

- Our Olivers Forest and West Andershaw onshore wind projects (79.2MW and 85.8MW respectively) which are both contingent on the build of a new 400kV substation at Redshaw, which forms part of the Redshaw Cluster reinforcement identified with SPT's plan.
- Our Knockcronal project connecting into the new Carrick 275kV substation identified within SPT's T3 plan. Not only will this new substation allow our project to connect, but facilitates the connection of several renewable projects in the area, made up of both onshore wind and battery.
- Coylton to Maybole 132kV reinforcement which is required as enabling works for our three stage, 450MW Coylton BESS project Coylton.