Network Access Policy KPIs 2024/25

Transmission Owner: SP Transmission

As part of these policy commitments and to ensure SPT have a fully transparent outage planning processes, SPT will produce a series of annual KPI's to monitor outage planning performance and outage delivery. The KPI's are set in appendix A of the GB Network Access Policy which can be found here on our website.

These KPI's have been developed in collaboration with all GB TOs and NESO following feedback from customers and stakeholders across GB.

In order to continually drive improvements in performance, these KPI's shall be regularly reviewed and feedback on performance provided to stakeholders to promote transparency. SPT have produced these KPIs using data from the current outage database as provided by NESO where available.

The electronic Network Access Management System (eNAMS) is undergoing further development by NESO and will provide additional functionality to allow further monitoring and transparency of performance and collaboration between TOs, NESO, customers and stakeholders in the future.

July 2025

SP Energy Networks

NETWORK ACCESS POLICY KPIs 2024/25

1. ***Long Term Outage Planning Performance***

Measure of the number of outages in the year ahead plan submitted at week 49 vs the number of actual outages delivered in the regulatory year. This is a high-level measure of Long-Term Outage Planning Performance

a) Number of outages in the year ahead plan

For the 2024/2025 period, SPT had 877 transmission outages in the year ahead plan

b) Number of these outages delivered

For the 2024/2025 period, SPT delivered 509 of the 877 planned outages in the year ahead plan

c) Percentage of year ahead plan delivered

For the 2024/2025 period, SPT delivered 58.04% of the outages in the year ahead plan

2. ***Accuracy of the Year Ahead Outage Plan***

This is a measure of the TOs capability to construct and deliver a robust outage plan. This is detailed measure of Long-Term Outage Planning Performance

a) Percentage of outages in the year ahead plan started on the date agreed at the year ahead stage –week 49

For the 2024/2025 period, SPT started 30.56% of outages in the year ahead plan on the date agreed at week 49

b) Percentage of outages in the year ahead plan started within the outage week agreed at the year ahead stage –week 49

For the 2024/2025 period, SPT started 31.24% of outages in the year ahead plan on the week agreed at week 49

c) Percentage of outages changed in the year ahead plan for a “positive” reason e.g. NESO cost saving change or stakeholder requested change

For the 2024/2025 period, SPT changed 13.57% of outages in the year ahead plan for a positive reason

3. ***Within Year Outage Planning Performance***

Measure of new outages requested within year by the TO during the relevant regulatory year. These are essential outages to carry out defect repairs, remove potential hazards or complete construction works. There is a balance of flexibility, and these measures are intended to show a reduction in the number of short-term requests being made.

a) Number of new within year outages submitted to NESO prior to the Optimisation phase (17 -52 weeks ahead)

b) Number of new within year outages submitted to NESO during the Optimisation Phase (4 –16 weeks ahead as specified in STCP 11.1)

c) Number of new within year outages submitted to NESO during the delivery Phase (0 –3 weeks ahead as specified in STCP 11.1)

For the 2024/2025 period, SPT are unable to express the Within Year Outage Planning Performance KPI in the categories presented above due to limitations and incomplete data in the "Date With SO Status First Set" field within the eNAMS application, this will be corrected by NESO for future year submissions. For the 2024/2025 period SPT submitted a total of 1,512 new outages within year.

4. ***How Many Connection Assets or Transmission Circuits Are Out of Service More Than Once Per Annum?***

Measure of the number of times the same item of equipment or circuit is removed from service.

For the 2024/2025 period, SPT had 473 transmission assets which were out of service more than once per annum. This figure includes outages for adjacent TO works, permanent faults, transient faults (including Storm Eowyn), and commissioning bookings. Repeated outages are normally due to a combination of clearance and commissioning outages associated with large construction projects like the split of Coalburn 400kV in 2024/2025.

5. ***Outage Coordination***

Measure of the number of times the TO has carried out different work during a single outage. Measure is based on the number of outages that have been combined into a single outage vs the total number of outages delivered in the regulatory year.

For the 2024/2025 period, SPT nested 518 instances of work during a single outage vs a total number of 2,092 outages delivered.

6. ***Percentage of TO Outages Started Within 60mins of Agreed Start Time***

Measure of outage start time accuracy will be the agreed Planned Start Time compared to the Actual Start Time.

For the 2024/2025 period, SPT started 58.2% of Outages within 60 minutes of the Planned Start Time.

7. ***Transmission Connected Generation -Percentage of Annual Access Curtailed by Bilateral Connection Agreement Per Annum -Firm Connections***

Measure of lost network access due to transmission outages and connection agreements. Measure would be 100 x (total days of actual outages \365).

For the 2024/2025 period, there were 0 connections with firm access which had their access curtailed

8. ***Transmission Connected Generation -Percentage of Annual Access Curtailed by Bilateral Connection Agreement Per Annum –Non-Firm Connections***

Measure of lost network access due to transmission outages and connection agreements. Measure would be 100 x (total days of actual outages \365).

For the 2024/2025 period, there were 30 unique connections with non-firm connections which had their access curtailed, average loss of network access for these connections was 1.13%

9. ***Average Outage Duration Accuracy***

Measure of TO ability to plan outage durations. A negative figure would indicate outages generally overrun; a positive figure would indicate outages generally finish early.

a) Average outage duration accuracy –year ahead outage plan

For the 2024/2025 period, 7.75% of our year ahead outages were increased by more than one day and 14.03% of our year ahead outages were reduced by more than 1 day. The average duration change is a decrease of 1.3 days.

b) Average outage duration accuracy -within year outages

For the 2024/2025 period, 6.68% of our within-year outages were increased by more than one day and 11.31% of our within-year outages were reduced by more than 1 day. The average duration change is an increase of 1.31 days.

10. ***Number of Unplanned Outages Due to Faults or Defects***

This is a measure of the number of times an asset or circuit has been removed from service due to a system fault, has been removed from service by emergency switching or has been made unavailable to NESO and removed from service.

a) Number of system faults removing an asset or circuit from service

For the 2024/2025 period, there were 191 instances of an asset or circuit being removed from service due to a protection-initiated action. This includes permanent faults, transient faults and faults originating on a neighbouring TO's network which SPT assets were required to clear.

b) Number of emergency switching outages removing an asset or circuit from service

For the 2024/2025 period, there were no instances of emergency switching on the SPT network

c) All other unplanned outages when an asset or circuit has been made unavailable to NESO due to a defect

For the 2024/2025 period, SPT took 216 unplanned outages where the asset was made unavailable to the ESO.

11. ***Enhanced Service Provision***

Measure of the number of STCP11.4 proposals identified within a regulatory year.

a) Number of proposals identified by NESO or TO

4 proposals were identified between SPT & NESO for STCP 11-4 consideration

b) Number of proposals delivered by the TO

2 proposals were delivered by SPT in the 2024/2025 plan year with the other 2 not required.

c) Measure of System Operational costs savings vs cost to deliver by TO

System Operational Cost savings for the 2 delivered solutions were £52.171m vs a cost of £30k for SPT to deliver the enhanced services. Figures confirmed by NESO Constraint Management Team

12. ***In Service Works***

Measure of the number of "In Service" bookings to highlight works taking place without an asset being taken out of service e.g. Telecoms works, Risk of Trips etc

For the 2024/2025 period, SPT planned and completed 411 "In-Service" bookings