

National Electricity Transmission System Performance Report

Report to the Office of Gas and
Electricity Markets (Ofgem)

2025–26

NESO 
National Energy
System Operator

Contents

INTRODUCTION 05

Section 1

National Electricity Transmission System

Availability 06

Annual System Availability
Winter Peak System Availability
Monthly System Availability

Reactive Compensation Equipment Availability 07

Annual Reactive Comp. Equipment Availability
Monthly Reactive Comp. Equipment Availability

Security 08

Number of Loss of Supply Incidents
Total Estimated Unsupplied Energy
Reliability of Supply

Quality of Service 10

Voltage Excursions
Frequency Excursions
Frequency Standard Deviation

Section 2

National Grid Electricity Transmission System System Description

Availability 12

Annual System Availability
Winter Peak System Availability
Monthly System Availability
Monthly Planned and
Unplanned System Unavailability

Reactive Compensation Equipment Availability 14

Annual Reactive Comp. Equipment Availability
Monthly Reactive Comp. Equipment Availability
Monthly Planned and Unplanned Reactive
Comp. Equipment Unavailability

Security 15

Number of Loss of Supply Incidents
Total Estimated Unsupplied Energy
Reliability of Supply
Loss of Supply Incident Details

Section 3

Scottish Power Transmission System System Description

Availability 18

Annual System Availability
Winter Peak System Availability
Monthly System Availability
Monthly Planned and
Unplanned System Unavailability

Reactive Compensation Equipment Availability 20

Annual Reactive Comp. Equipment Availability
Monthly Reactive Comp. Equipment Availability
Monthly Planned and Unplanned Reactive
Comp. Equipment Unavailability

Security 21

Number of Loss of Supply Incidents
Total Estimated Unsupplied Energy
Reliability of Supply
Loss of Supply Incident Details

Section 4

Scottish Hydro Electric Transmission System System Description

Availability 24

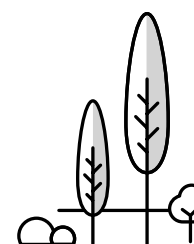
Annual System Availability
Winter Peak System Availability
Monthly System Availability
Monthly Planned and Unplanned
System Unavailability

Reactive Compensation Equipment Availability 26

Annual Reactive Comp. Equipment Availability
Monthly Reactive Comp. Equipment Availability
Monthly Planned and Unplanned Reactive
Comp. Equipment Unavailability

Security 27

Number of Loss of Supply Incidents
Total Estimated Unsupplied Energy
Reliability of Supply
Loss of Supply Incident Details



Section 5

Interconnectors

IFA1	30
System Description	
Annual Availability	
Monthly Unavailability	
Outages	
BritNed	32
System Description	
Annual Availability	
Monthly Unavailability	
Outages	
NEMO Link	34
System Description	
Annual Availability	
Monthly Unavailability	
Outages	
IFA2	36
System Description	
Annual Availability	
Monthly Unavailability	
Outages	
North Sea Link (NSL)	38
System Description	
Annual Availability	
Monthly Unavailability	
Outages	
Viking Link	40
System Description	
Annual Availability	
Monthly Unavailability	
Outages	

Section 6

Offshore Systems	42
System Description	
Offshore Transmission Networks	
Availability	43
Annual System Availability	
Winter Peak System Availability	
Monthly System Availability	
Monthly Planned and Unplanned System Unavailability	
Outage Details	
GLOSSARY OF TERMS	56





Introduction

This report details the performance of the National Electricity Transmission System in Great Britain for 2025–26, as required by Transmission Licence Standard Condition E7: Transmission System Security Standard and Quality of Service.

The National Electricity Transmission System (NETS) in Great Britain is comprised of both onshore and offshore transmission networks.

The onshore transmission networks are owned by National Grid Electricity Transmission plc (NGET) in England and Wales, SP Transmission plc (SPT) in south and central Scotland and Scottish Hydro Electric Transmission plc (SHE Transmission) in the north of Scotland. There is also a 2250MW HVDC undersea link between Hunterston in Western Scotland and Flintshire Bridge in North Wales, that is jointly owned by SPT and NGET.

The offshore transmission networks are owned by Transmission Capital (TC), Blue Transmission Investments Ltd (BT), Greater Gabbard OFTO plc, Triton Knoll OFTO Ltd, Seagreen Phase 1 OFTO Project Ltd, Gwynt-Y-Mor OFTO plc*, Thanet OFTO Ltd*, Humber Gateway OFTO Ltd*, West of Duddon Sands (WoDS) Transmission plc, Diamond Transmission Partners (DTP) BBE Ltd, DTP RB Ltd, DTP Galloper Ltd, DTP Walney Extension Ltd, DTP Hornsea One Ltd and DTP Hornsea Two Ltd. *Note: Owned by Balfour Beatty and Equitix Consortium (BBEC), and taken over by Equitix from January 2026.

Following the 2023 Energy Act which created the Independent System Operator and Planner, the National Energy System Operator Ltd was established on 1st October 2024 to succeed the National Grid Electricity System Operator Ltd as National Electricity Transmission System Operator (NETSO) for the onshore and offshore transmission networks.

In accordance with Standard Licence Condition E7 (Transmission System Security Standard and Quality of Service) of the Transmission Licence, the NETSO is required by the Office of Gas and Electricity Markets, to report on the annual performance of the National Electricity Transmission System in terms of availability, system security and quality of service.

The onshore and offshore transmission system broadly comprises circuits operating at 400, 275 and 132kV. The formal definition of the National Electricity Transmission System is contained in the NETS Grid Code and NETS Security and Quality of Supply Standard (NETS SQSS).

The fully interconnected transmission system provides a consistently high quality of supply and allows for the efficient bulk transfer of power from remote generation to demand centres.

Information relating to NG Electricity Transmission plc, SP Transmission plc, SHE Transmission plc, TC Robin Rigg OFTO Ltd, TC Barrow OFTO Ltd, TC Gunfleet Sands OFTO Ltd, TC Ormonde OFTO Ltd, TC Lincs OFTO Ltd, TC Westernmost Rough OFTO Ltd, TC Dudgeon OFTO plc, TC Beatrice OFTO Ltd, TC Rampion OFTO Ltd, TC East Anglia One OFTO Ltd, TC Moray East OFTO Ltd, BT Walney 1 Ltd, BT Walney 2 Ltd, BT Sheringham Shoal Ltd, BT London Array Ltd, Greater Gabbard OFTO plc, Triton Knoll OFTO Ltd, Seagreen Phase 1 OFTO Project Ltd, Gwynt-Y-Mor OFTO plc, Thanet OFTO Ltd, Humber Gateway OFTO Ltd, WoDS Transmission plc,

DTP BBE Ltd, DTP RB Ltd, DTP Galloper Ltd, DTP Walney Extension Ltd, DTP Hornsea One Ltd and DTP Hornsea Two Ltd have been provided by the Transmission Owners in accordance with Licence Condition D4 (Transmission System Security Standard and Quality of Service) of their Transmission Licences.

When considering the performance of the transmission networks, it should be recognised that this can be influenced by both the Transmission Owners and the NETSO.

The National Electricity Transmission System is connected via interconnectors to transmission systems in Northern Ireland, Republic of Ireland, France, the Netherlands, Belgium, Norway, and Denmark.

The interconnectors with Northern Ireland and the Republic of Ireland fall outside the scope of this report, as they are regulated by the Northern Ireland Authority for Utility Regulation (NIAUR) and the Commission for Regulation of Utilities (CRU) respectively. The ElecLink interconnector is also excluded as it is regulated by Commission De Régulation De L'Énergie (CRE) of France.

Information relating to interconnectors with France (Interconnexion France–Angleterre IFA1 and IFA2), the Netherlands (BritNed), Belgium (NEMO Link), Norway (North Sea Link), Denmark (Viking Link) has been provided by National Grid Ventures.

National Electricity Transmission System (GB Network)

Availability

The definitions and criteria for system availability can be found in the Glossary of terms at the end of this report.

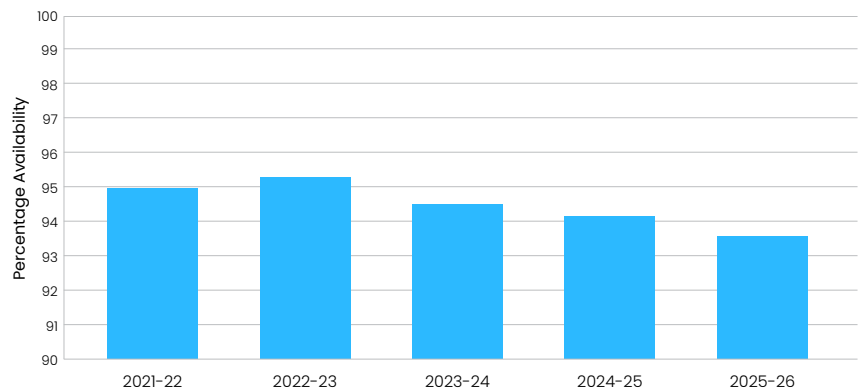
National Electricity Transmission System performance is monitored by reporting variations in Annual System Availability, Winter Peak System Availability and Monthly System Availability.

Annual System Availability

Annual System Availability of the National Electricity Transmission System for 2025-26 was: 93.66%

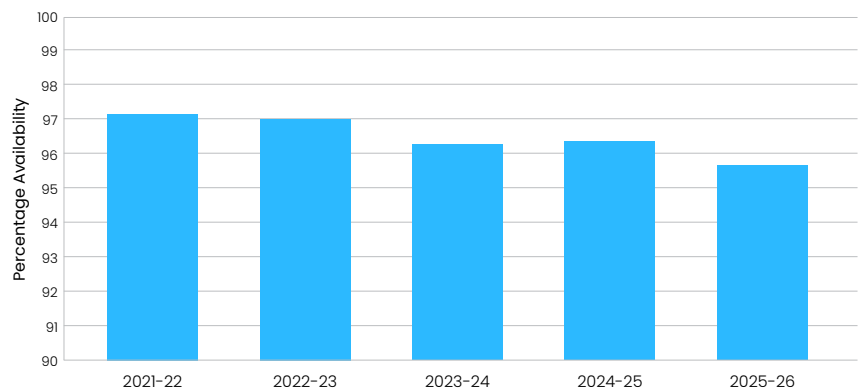
% Annual System Availability

GB % Annual System Availability				
2021-22	2022-23	2023-24	2024-25	2025-26
94.99	95.24	94.42	94.15	93.66

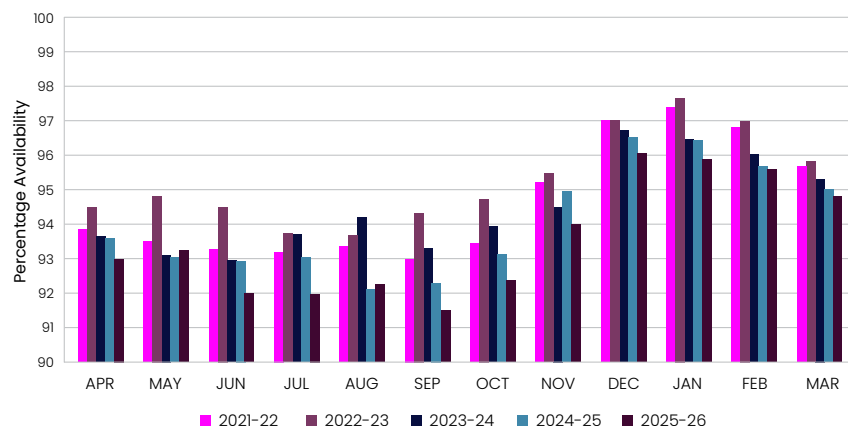


% Winter Peak System Availability

GB % Winter Peak System Availability				
2021-22	2022-23	2023-24	2024-25	2025-26
97.19	97.03	96.22	96.31	95.72



% Monthly System Availability



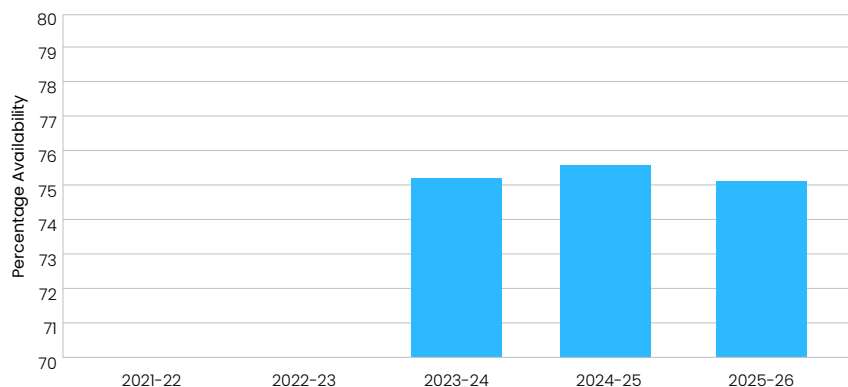
GB % Monthly System Availability					
	2021-22	2022-23	2023-24	2024-25	2025-26
Apr	93.83	94.48	93.69	93.60	92.99
May	93.55	94.73	93.15	93.04	93.18
Jun	93.22	94.47	92.97	92.84	92.01
Jul	93.16	93.70	93.64	93.02	91.88
Aug	93.31	93.60	94.25	92.10	92.52
Sep	92.96	94.28	93.34	92.39	91.82
Oct	93.40	94.72	93.96	93.15	92.64
Nov	95.21	95.38	94.54	94.98	94.07
Dec	97.01	97.01	96.75	96.51	96.01
Jan	97.39	97.63	96.50	96.44	95.86
Feb	96.78	96.99	96.00	95.76	95.53
Mar	95.73	95.86	95.36	95.04	94.69

Reactive Compensation Equipment Availability

The definitions and criteria for Reactive Compensation Equipment Availability can be found in the Glossary of terms at the end of this report.

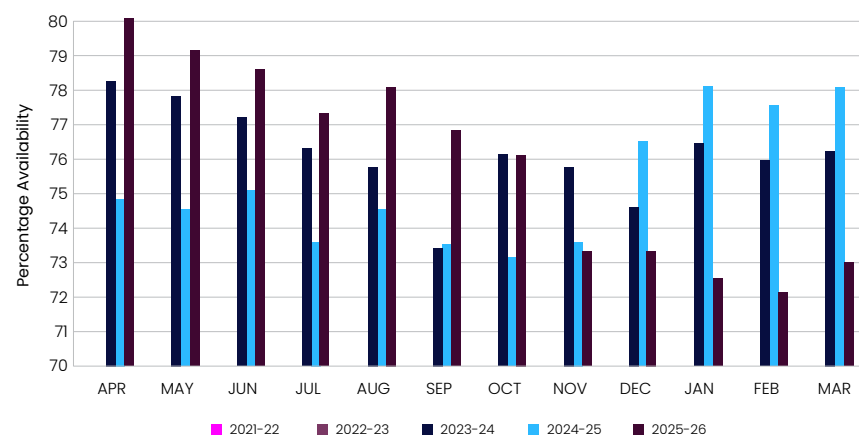
National Electricity Transmission System reactive compensation equipment performance is monitored by reporting variations in Annual and Monthly Reactive Compensation Equipment Availability.

% Annual Reactive Comp. Equipment Availability



GB % Annual Reactive Comp. Equipment Availability					
2021-22	2022-23	2023-24	2024-25	2025-26	
N/A	N/A	75.19	75.56	75.11	

% Monthly Reactive Comp. Equipment Availability



GB % Monthly Reactive Comp. Equipment Availability					
	2021-22	2022-23	2023-24	2024-25	2025-26
Apr	N/A	N/A	78.24	74.84	80.20
May	N/A	N/A	77.83	74.47	79.12
Jun	N/A	N/A	77.22	75.14	78.70
Jul	N/A	N/A	76.28	73.58	77.34
Aug	N/A	N/A	75.78	74.61	78.10
Sep	N/A	N/A	73.45	73.58	76.83
Oct	N/A	N/A	76.15	73.23	76.14
Nov	N/A	N/A	75.75	73.60	73.33
Dec	N/A	N/A	74.60	76.63	73.34
Jan	N/A	N/A	76.48	78.14	72.57
Feb	N/A	N/A	76.00	77.60	72.16
Mar	N/A	N/A	76.25	78.08	73.06

Security

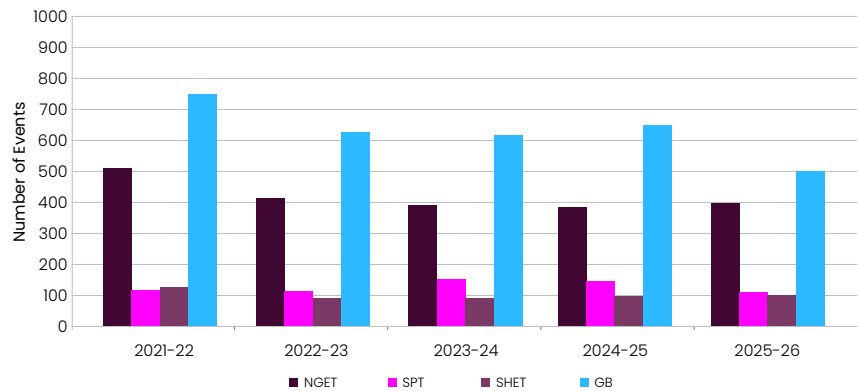
The definitions and criteria for system security can be found in the Glossary of terms at the end of this report.

System performance is monitored by the Estimated Unsupplied Energy from the National Electricity Transmission System for each incident.

During 2025-26 there were 601 NETS events where transmission circuits were disconnected either automatically or by urgent manual switching. Most of these events had no impact on electricity users with 10 resulting in loss of supplies to customers.

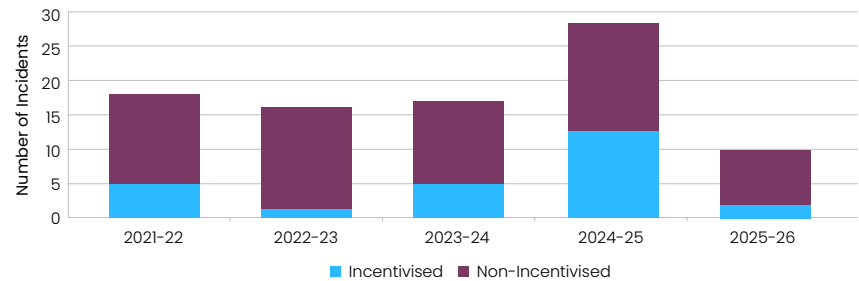
GB System Events

GB System Events					
	2021-22	2022-23	2023-24	2024-25	2025-26
NGET	517	412	390	394	391
SPT	115	118	148	152	113
SHET	119	89	89	98	97
GB	751	619	627	644	601



Number of Loss of Supply Incidents

The chart shows the annual comparison of the number of Loss of Supply Incidents that occurred within the National Electricity Transmission System.

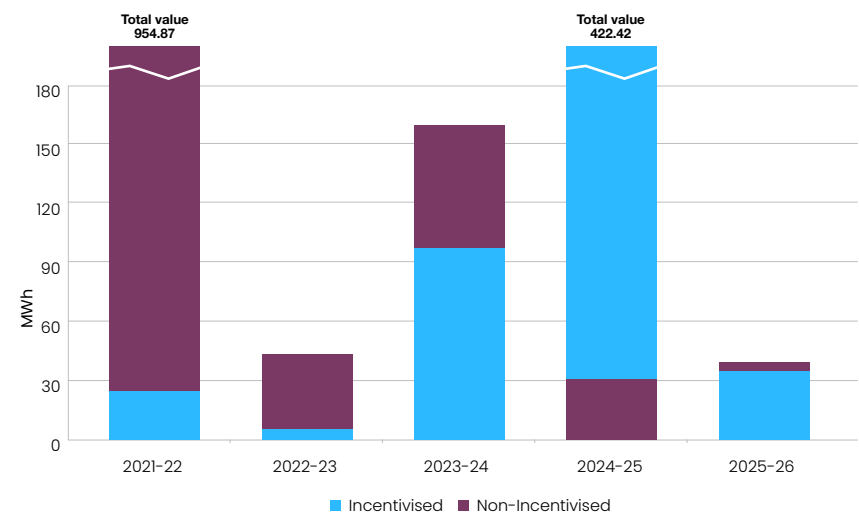


GB System – Number of Incidents					
	2021-22	2022-23	2023-24	2024-25	2025-26
Incentivised	5	1	5	13	2
Non-Incentivised	13	15	12	16	8

Total Estimated Unsupplied Energy

The total Estimated Unsupplied Energy from the National Electricity Transmission System during 2025-26 was: **39.20 MWh**

The chart shows the annual comparison of the Estimated Unsupplied Energy for Loss of Supply Incidents that occurred within the National Electricity Transmission System.



GB System – Estimated Unsupplied Energy (MWh)					
	2021-22	2022-23	2023-24	2024-25	2025-26
Incentivised	26.84	5.20	97.08	391.85	36.52
Non-Incentivised	928.03	38.48	62.70	30.57	2.68

Reliability of Supply

The Overall Reliability of Supply for the National Electricity Transmission System during 2025-26 was: **99.999983%**

compared with 99.999818% in 2024-25 and 99.999930% in 2023-24.

Quality of Service

Quality of service is measured with reference to system Voltage and Frequency. The criteria for reportable Voltage and Frequency Excursions can be found in the Glossary of terms at the end of this report.

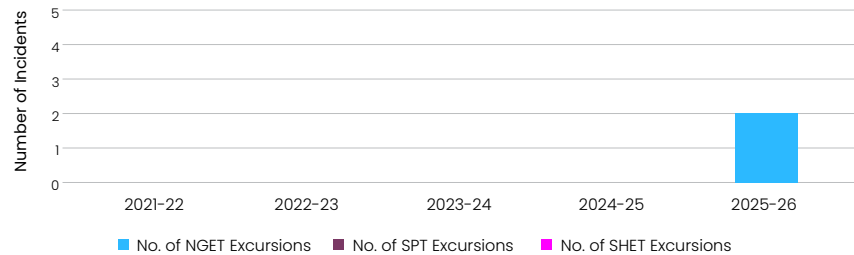
Voltage Excursions

During 2025-26 there were 2 reportable Voltage Excursions within the National Electricity Transmission System.

The chart below summarises the reportable Voltage Excursions that have occurred on the National Electricity Transmission System.

GB System Voltage Excursions

GB System – Voltage Excursions					
	2021-22	2022-23	2023-24	2024-25	2025-26
Number of NGET Excursions	0	0	0	0	2
Number of SPT Excursions	0	0	0	0	0
Number of SHET Excursions	0	0	0	0	0



GB System Voltage Excursion

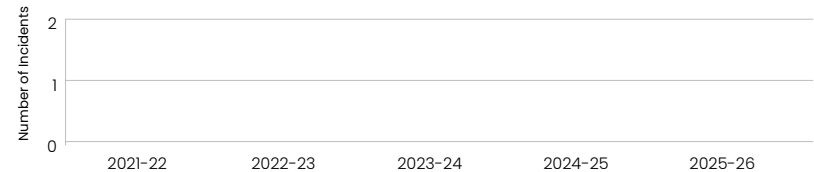
Incident Date, Time and Location	Nominal Voltage	Max Voltage	Duration
29 June 2025 04:24 to 07:55 at 5 substations across the South West of England.	400kV	423.41kV	168 mins
09 September 2025 04:54 at Pembroke 400kV Substation.	400kV	422.30kV	16.8 mins

Frequency Excursions

During 2025-26, there were no reportable Frequency Excursion within the National Electricity Transmission System. The previous Frequency Excursions were in the 2019-20 and 2008-09 reporting periods.

GB System Frequency Excursions

GB System – Frequency Excursions					
	2021-22	2022-23	2023-24	2024-25	2025-26
Number of Excursions	0	0	0	0	0



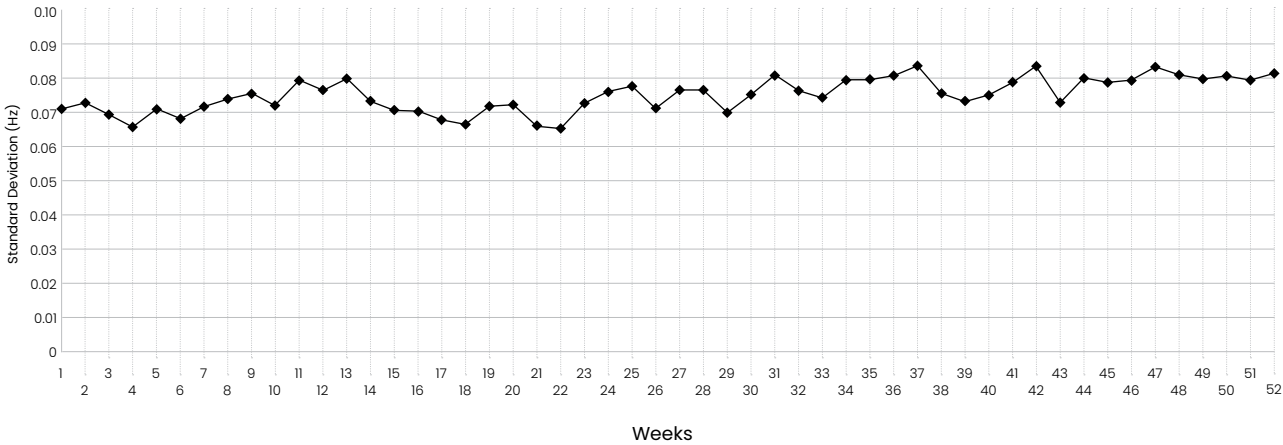
GB System Frequency Excursion

Incident Date & Time	Statutory Limits	Frequency	Duration
None	49.5 – 50.5Hz	N/A	0 seconds

Frequency Standard Deviation

The chart below displays the recorded Frequency Standard Deviation from 50Hz on a weekly basis for the year 2025-26.

GB System – Frequency Standard Deviation



National Grid Electricity Transmission System

System Description

The National Grid Electricity Transmission System operates at 400, 275 and 132kV supplying electricity to England and Wales.

The system covers an area of approximately 151,000 square kilometres and consists of over 14,000 circuit kilometres of overhead line and over 650 kilometres of underground transmission cable routes interconnecting over 300 substations.

It is connected to the SP Transmission System to the north and through six HVDC

interconnectors to the Republic of Ireland, France, the Netherlands, Belgium, and Norway.

There are 68 large power stations totalling 61GW of generation capacity connected to the England and Wales transmission system. The NGET system supplies 12 distribution networks via over 132GVA of installed transformer capacity and a small number of directly connected customers such as steelworks and traction supplies.

In 2025–26 the maximum recorded demand on the network was 42.67GW.

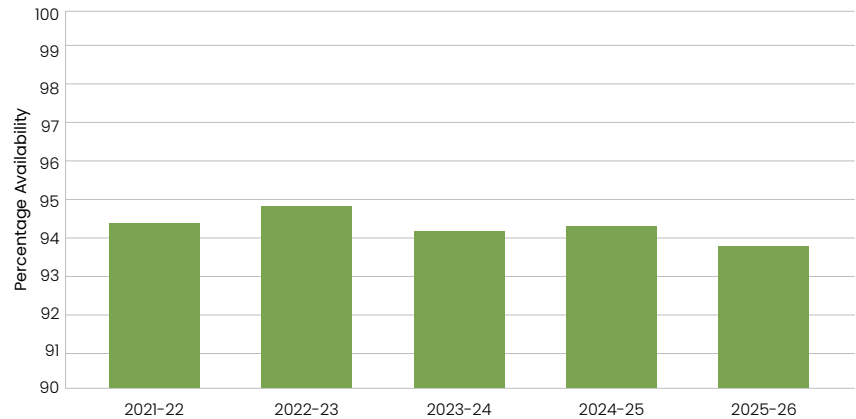
Availability

The definitions and criteria for system availability can be found in the Glossary of terms at the end of this report.

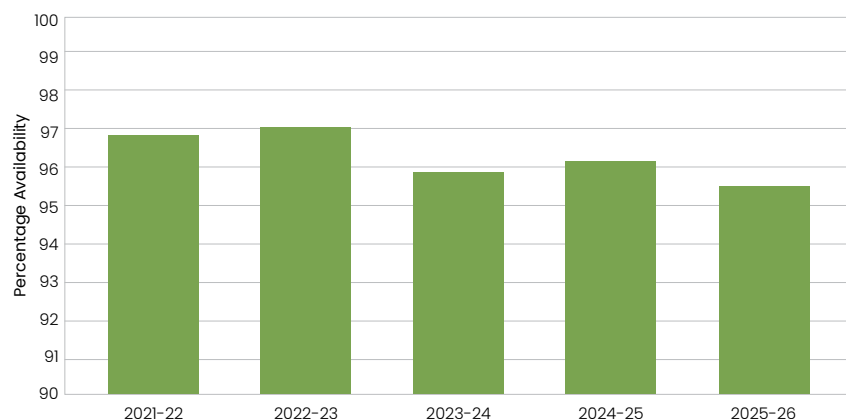
System performance is monitored by reporting variations in Annual System Availability, Winter Peak System Availability and Monthly System Availability. There is also a breakdown of Planned and Unplanned System Unavailability.

% Annual System Availability

NGET % Annual System Availability				
2021-22	2022-23	2023-24	2024-25	2025-26
94.38	94.83	94.14	94.25	93.71

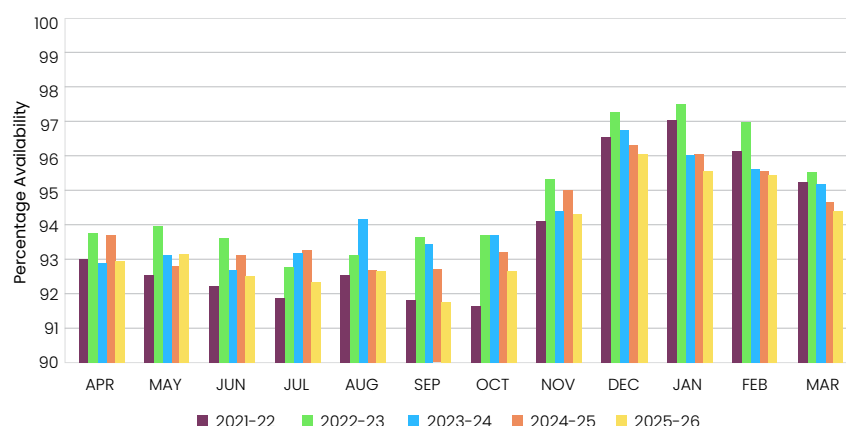


% Winter Peak System Availability



NGET % Winter Peak System Availability				
2021-22	2022-23	2023-24	2024-25	2025-26
96.86	97.04	95.84	96.10	95.53

% Monthly System Availability

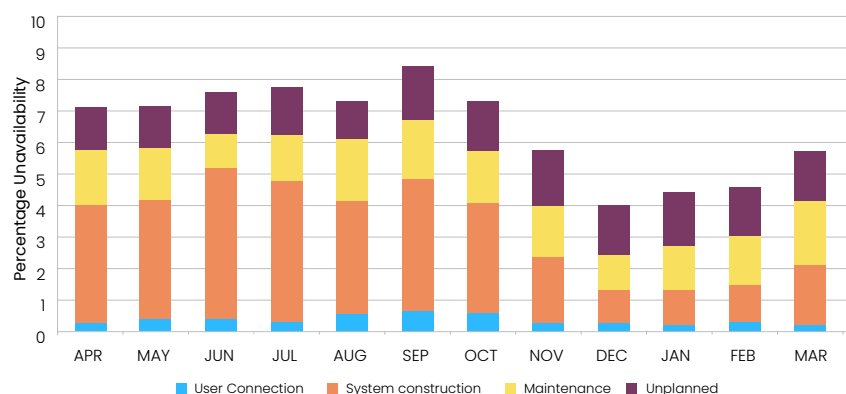


NGET % Monthly System Availability					
	2021-22	2022-23	2023-24	2024-25	2025-26
Apr	93.04	93.80	92.89	93.76	92.89
May	92.56	94.05	93.17	92.82	93.06
Jun	92.25	93.68	92.72	93.11	92.45
Jul	91.91	92.81	93.22	93.35	92.29
Aug	92.58	93.17	94.24	92.78	92.64
Sep	91.85	93.71	93.47	92.71	91.70
Oct	91.68	93.74	93.69	93.26	92.66
Nov	94.11	95.40	94.49	95.00	94.30
Dec	96.65	97.34	96.86	96.29	96.01
Jan	97.05	97.61	96.01	96.15	95.58
Feb	96.22	97.08	95.69	95.52	95.42
Mar	95.32	95.57	95.22	94.67	94.37

Monthly Planned and Unplanned System Unavailability

The table and the chart show the monthly variation in Planned and Unplanned System Unavailability.

Planned and Unplanned Unavailability (%) Transmission System



Planned and Unplanned Unavailability (%) for NGET Transmission System					
	User Connection	System Construction	Maintenance	Unplanned	Total
Apr	0.24	3.81	1.66	1.40	7.11
May	0.34	3.83	1.65	1.13	6.94
Jun	0.45	4.65	1.17	1.28	7.55
Jul	0.32	4.36	1.50	1.53	7.71
Aug	0.52	3.57	1.85	1.42	7.36
Sep	0.69	4.08	1.87	1.66	8.30
Oct	0.55	3.44	1.71	1.65	7.34
Nov	0.28	2.05	1.61	1.75	5.70
Dec	0.21	1.05	1.11	1.62	3.99
Jan	0.19	1.08	1.39	1.76	4.42
Feb	0.26	1.08	1.66	1.58	4.58
Mar	0.19	1.86	2.13	1.46	5.63

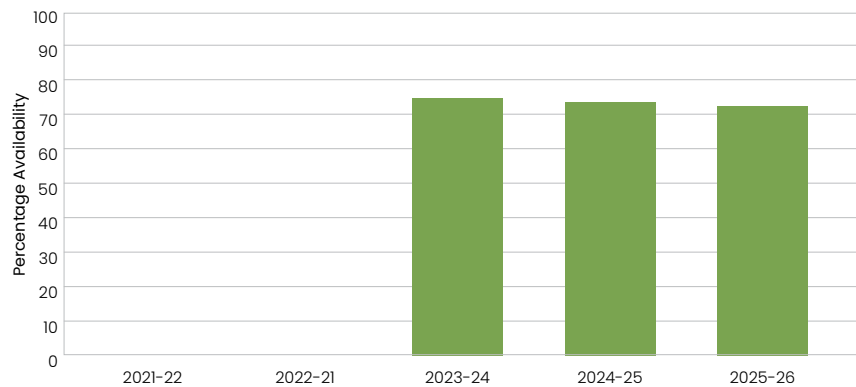
Reactive Compensation Equipment Availability

The definitions and criteria for Reactive Compensation Equipment Availability can be found in the Glossary of terms at the end of this report.

Reactive compensation equipment performance is monitored by reporting variations in Annual and Monthly Reactive Equipment Compensation Availability. There is also a breakdown of Planned and Unplanned Reactive Compensation Equipment Unavailability.

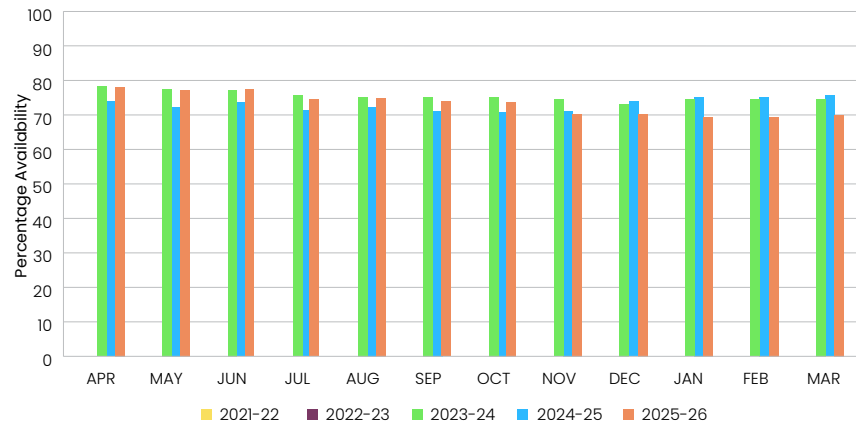
NGET % Annual Reactive Comp. Equipment Availability				
2021-22	2022-23	2023-24	2024-25	2025-26
N/A	N/A	74.68	73.64	72.85

% Annual Reactive Comp. Equipment Availability



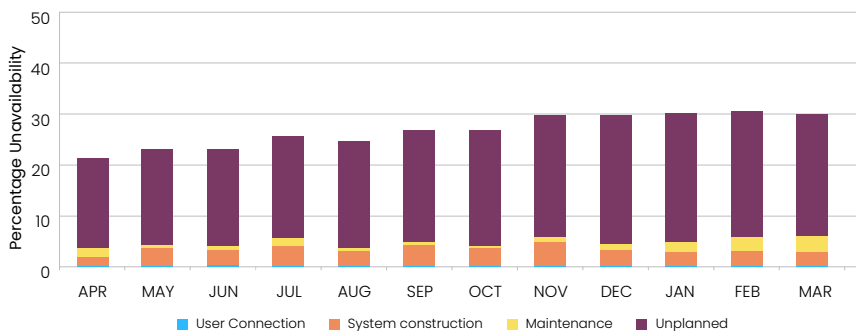
NGET% Monthly Reactive Comp. Equipment Availability					
	2021-22	2022-23	2023-24	2024-25	2025-26
Apr	N/A	N/A	78.34	73.31	78.86
May	N/A	N/A	77.91	72.48	77.36
Jun	N/A	N/A	77.21	73.02	77.18
Jul	N/A	N/A	76.47	71.57	75.61
Aug	N/A	N/A	75.90	72.32	76.15
Sep	N/A	N/A	74.59	71.76	74.96
Oct	N/A	N/A	75.03	70.99	74.17
Nov	N/A	N/A	74.42	71.46	70.75
Dec	N/A	N/A	73.67	74.31	70.65
Jan	N/A	N/A	75.24	76.21	69.71
Feb	N/A	N/A	75.60	75.94	69.25
Mar	N/A	N/A	75.16	76.69	70.42

% Monthly Reactive Comp. Equipment Availability



Planned and Unplanned Unavailability (%) for NGET Reactive Comp. Equipment					
	User Connection	System Construction	Maintenance	Unplanned	Total
Apr	0.16	1.55	0.93	18.51	21.14
May	0.00	3.61	0.76	18.27	22.64
Jun	0.08	3.11	0.91	18.73	22.82
Jul	0.12	3.69	0.60	19.99	24.39
Aug	0.23	2.67	0.61	20.34	23.85
Sep	0.32	3.14	0.87	20.71	25.04
Oct	0.32	3.04	0.32	22.15	25.83
Nov	0.16	4.30	0.50	24.30	29.25
Dec	0.07	2.60	1.27	25.41	29.35
Jan	0.00	2.34	2.05	25.89	30.29
Feb	0.00	2.68	2.32	25.76	30.75
Mar	0.01	2.38	2.25	24.94	29.58

Planned and Unplanned Unavailability (%) Reactive Comp. Equipment



Security

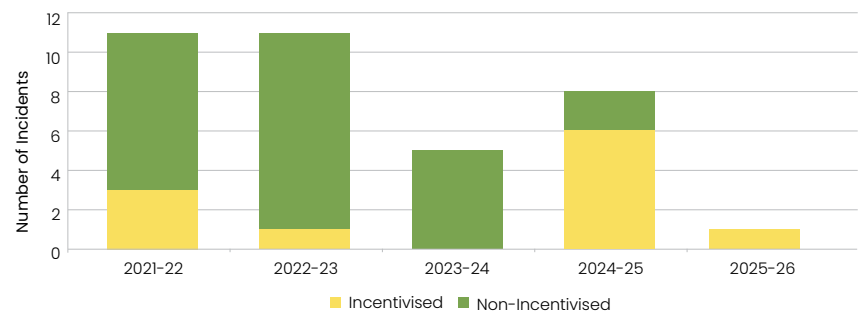
The definitions and criteria for system security can be found in the Glossary of terms at the end of this report.

System performance is monitored by the Estimated Unsupplied Energy from the NGET Transmission System for each incident.

During 2025-26 there were 391 NGET system events where transmission circuits were disconnected either automatically or by urgent manual switching. Most of these events had no impact on electricity users with 1 resulting in loss of supplies to customers.

Number of Loss of Supply Incidents

The chart shows the annual comparison of the number of Loss of Supply Incidents that occurred within the NGET Transmission System.

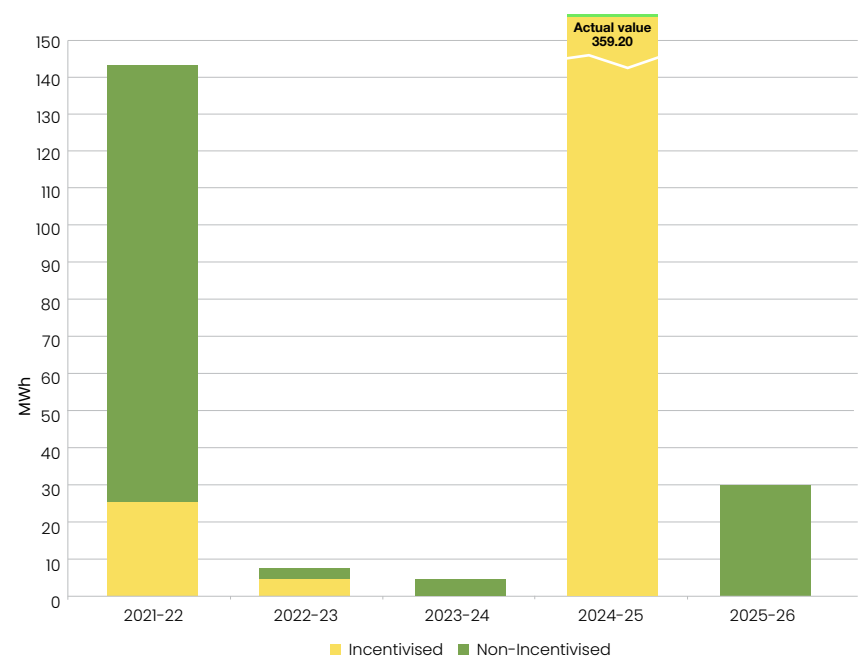


NGET System – Number of incidents					
	2021-22	2022-23	2023-24	2024-25	2025-26
Incentivised	3	1	0	6	1
Non-Incentivised	8	10	5	2	0

Total Estimated Unsupplied Energy

The total Estimated Unsupplied Energy from the NGET Transmission System during 2025-26 was: **29.80 MWh**

The chart shows the annual comparison of the Estimated Unsupplied Energy for Loss of Supply Incidents that occurred within the NGET Transmission System.



NGET System – Estimated Unsupplied Energy (MWh)					
	2021-22	2022-23	2023-24	2024-25	2025-26
Incentivised	26.70	5.20	0.00	359.20	28.90
Non-Incentivised	116.70	1.90	4.30	0.40	0.00

Reliability of Supply

The Overall Reliability of Supply for the NGET Transmission System during 2025–26 was: **99.999986%**
compared with 99.999832% in 2024–25 and 99.999998% in 2023–24.

Loss of Supply Incident Details

NGET Loss of Supply Incidents – Incentivised

Incident Date, Time and Location	MW Lost	Mins	MWh Unsupplied
27 April 2025 18:12 at Heysham 132kV Substation A major protection operation at Heysham 132kV substation resulted in the tripping of Reserve Busbars 1 and 2, Main Busbar 2, and all associated circuits, causing a loss of demand to ENWL and Heysham 2 Power Station. The initial trigger was a catastrophic failure of ENWL owned Isolator 406, which created a yellow-blue phase fault on Reserve Busbar 2; due to there being no Bus section circuit breaker, both reserve busbars tripped. At the same time, an undiagnosed linkage seizure on SGT3 circuit resulted in Main Busbar 2 tripping unnecessarily. Supplies were later restored via SGT1 and Main Busbar 1, with SGT3 and Reserve Busbar 2 remaining out of service.	24.2	157	28.90
Total			28.90

NGET Loss of Supply Incidents – Non-Incentivised

Incident Date, Time and Location	MW Lost	Mins	MWh Unsupplied
None			0.00
Total			0.00



Scottish Power Transmission System

System Description

The SP Transmission System comprises approximately 4000 circuit kilometres of overhead line and cable and 175 substations operating at 400, 275, 132 and 33kV supplying approximately 2 million customers and covering an area of 22,951 square kilometres. It is connected to the SHE Transmission System to the north, the NGET Transmission System to the south and the Northern Ireland Transmission System via an HVDC interconnector.

There are 9 major demand customers supplied directly from the SP Transmission System with the majority of the load being taken by approximately 2 million customers connected to the SP Distribution System via 14.9 GVA of installed transformer capacity. There is approximately 8.1GW of directly connected and Large Embedded generation capacity connected in the SP Transmission area, including 58 power stations directly connected to the SP Transmission system. In 2025-26 the maximum recorded demand on the network was 3.82GW.

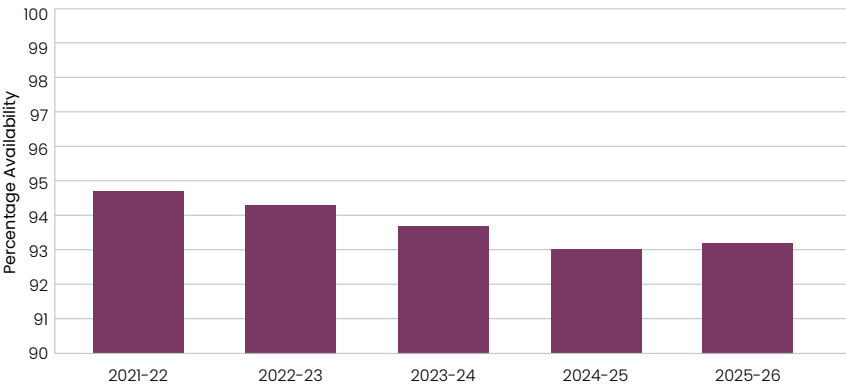
Availability

The definitions and criteria for system availability can be found in the Glossary of terms at the end of this report.

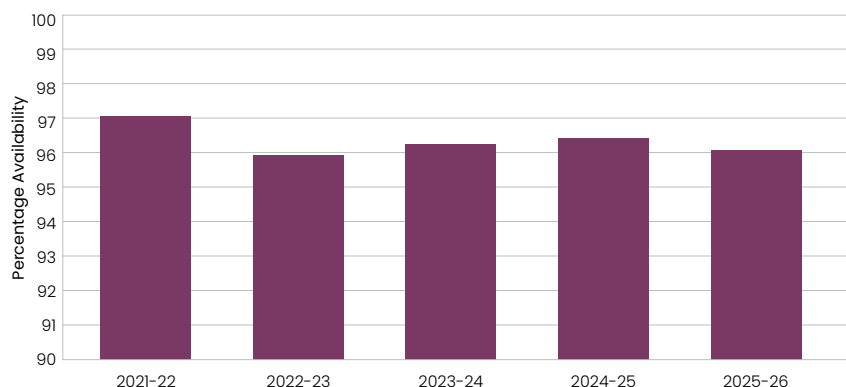
System performance is monitored by reporting variations in Annual System Availability, Winter Peak System Availability and Monthly System Availability. There is also a breakdown of Planned and Unplanned System Unavailability.

% Annual System Availability

SPT % Annual System Availability				
2021-22	2022-23	2023-24	2024-25	2025-26
94.67	94.25	93.67	93.04	93.26

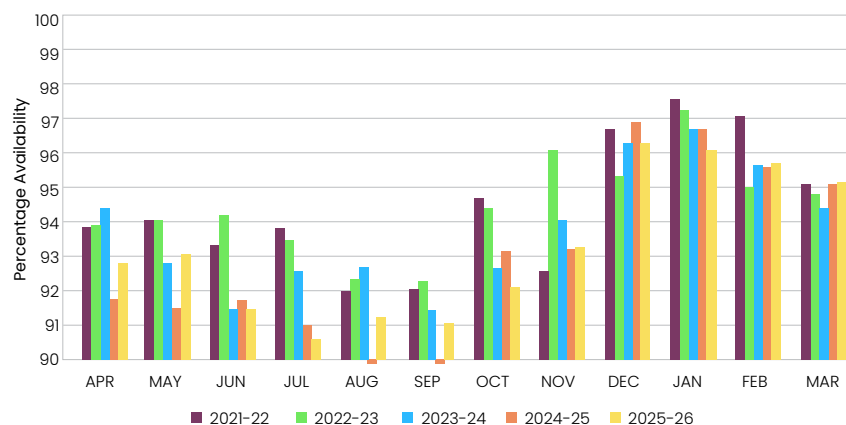


% Winter Peak System Availability



SPT % Winter Peak System Availability				
2021-22	2022-23	2023-24	2024-25	2025-26
97.11	95.88	96.22	96.43	96.07

% Monthly System Availability

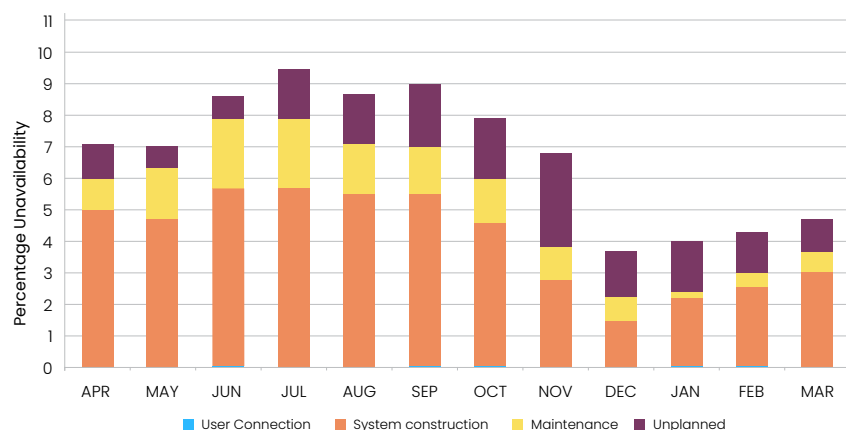


SPT % Monthly System Availability					
	2021-22	2022-23	2023-24	2024-25	2025-26
Apr	93.81	93.91	94.47	91.78	92.87
May	94.06	94.05	92.76	91.53	93.06
Jun	93.31	94.16	91.39	91.67	91.43
Jul	93.81	93.45	92.54	90.98	90.58
Aug	91.95	92.29	92.66	88.30	91.29
Sep	92.07	92.25	91.38	89.83	91.08
Oct	94.68	94.41	92.63	93.12	92.08
Nov	96.04	94.03	93.20	95.05	93.25
Dec	96.67	95.31	96.27	96.92	96.37
Jan	97.57	97.25	96.68	96.70	96.04
Feb	97.08	94.99	95.66	95.60	95.78
Mar	95.11	94.76	94.38	95.13	95.26

Monthly Planned and Unplanned System Unavailability

The table and the chart show the monthly variation in Planned and Unplanned System Unavailability.

Unavailability is defined as (100 - Availability) %



Planned and Unplanned Unavailability (%) for SP Transmission System					
	User Connection	System Construction	Maintenance	Unplanned	Total
Apr	0.06	4.83	1.02	1.21	7.13
May	0.00	4.68	1.62	0.64	6.94
Jun	0.00	5.68	2.19	0.70	8.57
Jul	0.11	5.58	2.26	1.47	9.42
Aug	0.12	5.34	1.62	1.63	8.71
Sep	0.00	5.38	1.58	1.96	8.92
Oct	0.02	4.61	1.39	1.90	7.92
Nov	0.00	2.79	1.16	2.80	6.75
Dec	0.01	1.49	0.71	1.42	3.63
Jan	0.00	2.22	0.18	1.56	3.96
Feb	0.09	2.38	0.46	1.29	4.22
Mar	0.00	3.09	0.63	1.02	4.74

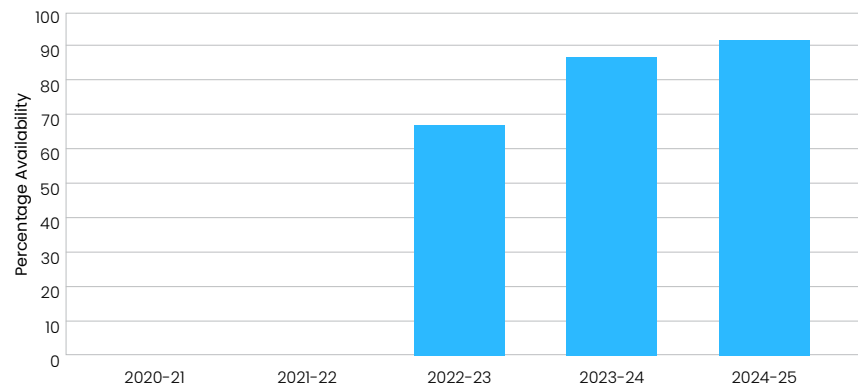
Reactive Compensation Equipment Availability

The definitions and criteria for Reactive Compensation Equipment Availability can be found in the Glossary of terms at the end of this report.

Reactive compensation equipment performance is monitored by reporting variations in Annual and Monthly Reactive Compensation Equipment Availability. There is also a breakdown of Planned and Unplanned Reactive Compensation Equipment Unavailability.

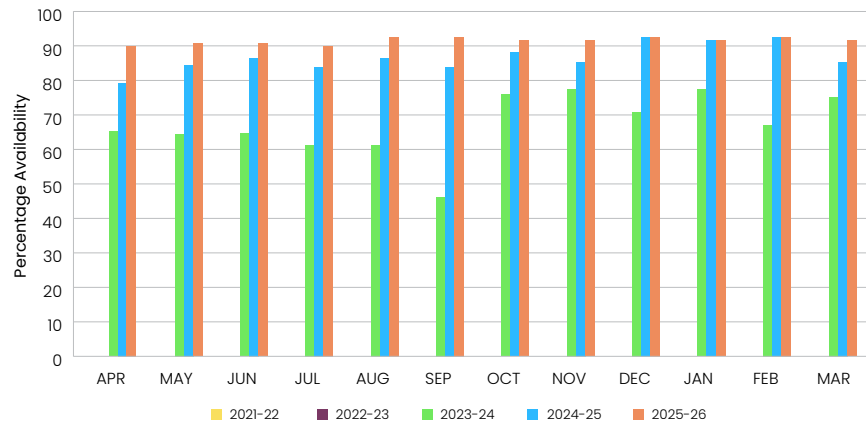
SPT % Annual Reactive Comp. Equipment Availability					
2021-22	2022-23	2023-24	2024-25	2025-26	
N/A	N/A	66.88	86.84	91.66	

% Annual Reactive Comp. Equipment Availability



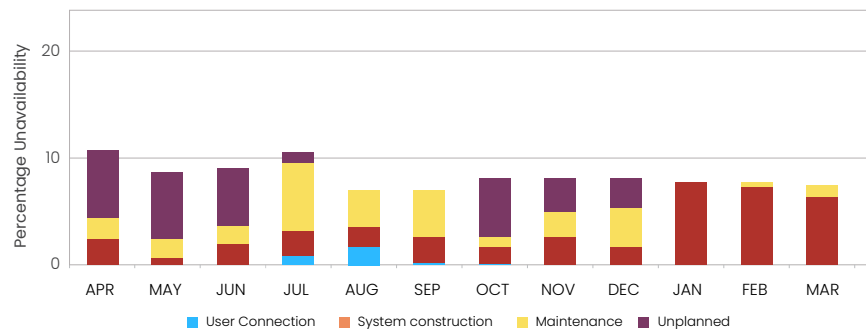
SPT % Monthly Reactive Comp. Equipment Availability					
	2021-22	2022-23	2023-24	2024-25	2025-26
Apr	N/A	N/A	64.76	79.42	89.20
May	N/A	N/A	64.34	84.91	91.21
Jun	N/A	N/A	64.35	87.51	90.96
Jul	N/A	N/A	60.63	83.78	89.49
Aug	N/A	N/A	60.64	87.70	93.04
Sep	N/A	N/A	45.71	83.75	92.96
Oct	N/A	N/A	75.24	88.57	91.99
Nov	N/A	N/A	76.96	86.04	91.81
Dec	N/A	N/A	70.58	91.92	91.92
Jan	N/A	N/A	77.02	90.51	92.36
Feb	N/A	N/A	66.79	91.81	92.38
Mar	N/A	N/A	75.03	86.29	92.57

% Monthly Reactive Comp. Equipment Availability



Planned and Unplanned Unavailability (%) for SPT Reactive Comp. Equipment					
	User Connection	System Construction	Maintenance	Unplanned	Total
Apr	0.00	2.31	2.19	6.29	10.80
May	0.00	0.55	1.82	6.43	8.79
Jun	0.00	2.00	1.64	5.39	9.04
Jul	0.85	2.32	6.30	1.04	10.51
Aug	1.80	1.80	3.37	0.00	6.96
Sep	0.40	1.95	4.69	0.00	7.04
Oct	0.00	1.80	0.68	5.53	8.01
Nov	0.00	2.58	2.35	3.25	8.19
Dec	0.00	1.80	3.51	2.77	8.08
Jan	0.00	7.64	0.00	0.00	7.64
Feb	0.00	7.18	0.44	0.00	7.62
Mar	0.00	6.31	1.12	0.00	7.43

Monthly Planned and Unplanned Reactive Comp. Equipment Unavailability



Security

The definitions and criteria for system security can be found in the Glossary of terms at the end of this report.

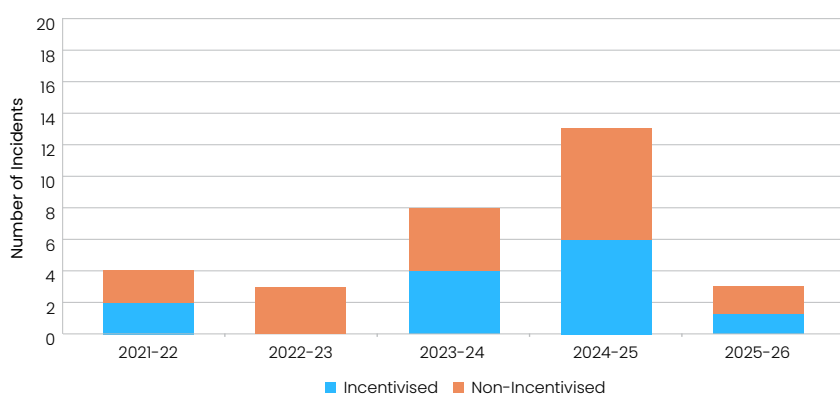
System performance is monitored by the estimated unsupplied energy from the SP Transmission System for each incident.

During 2025-26 there were 113 SPT system events where transmission circuits were disconnected either automatically or by urgent manual switching. Most of these events had no impact on electricity users with 3 resulting in loss of supply to customers.

Number of Loss of Supply Incidents

The chart shows the annual comparison of the number of Loss of Supply Incidents that occurred within the SP Transmission System.

SPT System – Number of incidents					
	2021-22	2022-23	2023-24	2024-25	2025-26
Incentivised	2	0	4	6	1
Non-Incentivised	2	3	4	7	2

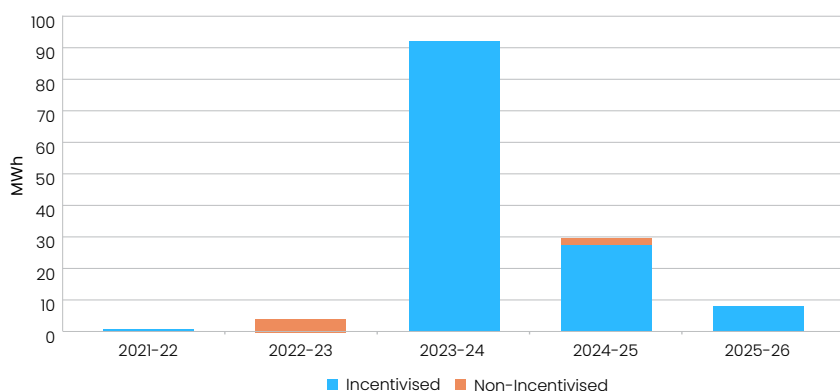


Total Estimated Unsupplied Energy

The total Estimated Unsupplied Energy from the SP Transmission System during 2025-26 was: **7.86 MWh**

The chart shows the annual comparison of the Estimated Unsupplied Energy for Loss of Supply Incidents that occurred within the SP Transmission System.

SPT System – Estimated Unsupplied Energy (MWh)					
	2021-22	2022-23	2023-24	2024-25	2025-26
Incentivised	0.14	0.00	91.77	27.92	7.62
Non-Incentivised	0.00	3.81	0.00	1.44	0.24



Reliability of Supply

The Overall Reliability of Supply for the SP Transmission System during 2025–26 was: **99.999944%**

compared with 99.999795% in 2024–25 and 99.999382% in 2023–24.

Loss of Supply Incident Details

SPT Loss of Supply Incidents – Incentivised

Incident Date, Time and Location	MW Lost	Mins	MWh Unsupplied
07 October 13:37 at Broxburn – Currie – Gorgie – Livingston East – Telford Road Busbar protection operation during protection maintenance works at Currie 132kV substation, which back tripped the right-hand side of the main busbar while the left-hand side was being worked on. Resulting in the loss of Broxburn, Currie, Gorgie, Livingston East and Telford Road GSPs. 39,352 customers affected and final customer restoration after 24 minutes.	36.97	24	7.62
Total			7.62

SPT Loss of Supply Incidents – Non-Incentivised

Incident Date, Time and Location	MW Lost	Mins	MWh Unsupplied
25 May 18:34 at Kendoon Main protection operated on the Kendoon to New Cumnock circuit, due to blue phase cable fault. 199 customers affected and restored in under 2 minutes, not incentivised.	0.12	2	0.01
21 June 23:46 at Berwick – Eccles – Marshall Meadows A transient fault due to a lightning strike, and successful auto reclose. Both circuits tripped at same time resulting in the loss of Berwick grid and Marshall Meadows Network Rail feeder station. 9,356 customers affected and restored in under 1 minutes, not incentivised.	14.00	1	0.23
Total			0.24



Scottish Hydro Electric Transmission System

System Description

The SHE Transmission system comprises of over 411km of 400kV, 1734km of 275kV and 2754km of 132kV overhead line and approximately 1092km of AC high voltage underground transmission cables, interconnecting 164 substations. There are also three HVDC links with 427km of cable connecting Caithness to the Moray Coast and to Shetland. The system covers an area of approximately 55,000 square kilometres or 24% of the Great Britain land mass. It is connected to the SP Transmission system to the South and several large offshore Transmission Owners.

In 2025-26 the maximum recorded demand on the network was 1.364GW. Mostly the demand is taken by approximately 0.8 million customers connected to the Scottish Hydro Electric Power Distribution network via more than 13.72 GVA of installed transformer capacity, with 2 other major customers also supplied directly from the SHE Transmission system. There are a growing number of large

generators, with over 49 directly connected to the SHE Transmission system and many smaller units combining to produce more than 12.1GW capacity, of which 10.8GW is renewable and 0.2GW battery storage.

The unreliability of supply figure can be distorted when compared against other systems at 275kV and 400kV due to the higher proportion of 132kV Transmission network and the consequent reduced power flows, however unreliability remains low in our network across all voltages.

The majority of these transmission assets form the main interconnected transmission system whilst the remaining radially supply the more remote areas of the territory including the outlying islands. Some connections, mainly in the more remote areas, can involve non-standard connection or running arrangements chosen by the customer and as such might experience greater risk of disruption, but on the whole reliability of the network has been very high.

Availability

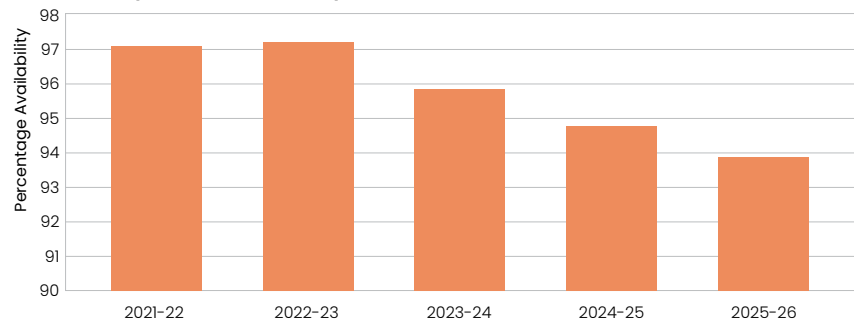
The definitions and criteria for system availability can be found in the Glossary of terms at the end of this report.

System performance is monitored by reporting variations in Annual

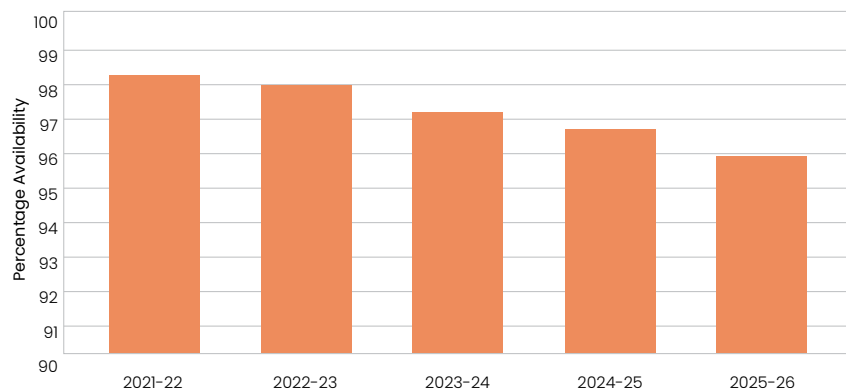
System Availability, Winter Peak System Availability, Reactive Availability and Monthly System Availability. There is also a breakdown of Planned and Unplanned System Unavailability, along with Asset split of Unreliability.

SHE Transmission % Annual System Availability				
2021-22	2022-23	2023-24	2024-25	2025-26
97.07	97.19	95.82	94.89	93.88

% Annual System Availability

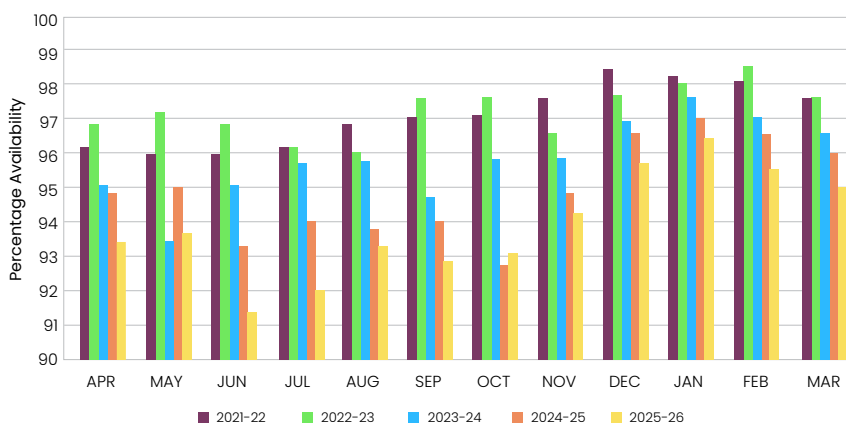


% Winter Peak System Availability



SHE Transmission % Winter Peak System Availability				
2021-22	2022-23	2023-24	2024-25	2025-26
98.22	98.03	97.21	96.72	95.91

% Monthly System Availability

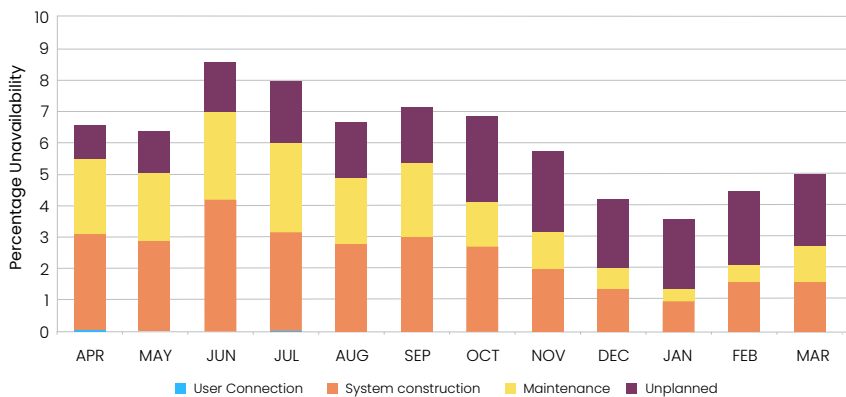


SHE Transmission % Monthly System Availability					
	2021-22	2022-23	2023-24	2024-25	2025-26
Apr	96.10	96.79	95.09	94.87	93.37
May	95.90	97.13	93.42	95.00	93.61
Jun	95.93	96.83	95.03	93.22	91.39
Jul	96.12	96.30	95.73	94.01	92.02
Aug	96.78	95.91	95.70	93.80	93.32
Sep	97.05	97.59	94.75	93.91	92.84
Oct	97.09	97.58	95.86	92.89	93.12
Nov	97.55	96.53	95.88	94.88	94.25
Dec	98.37	97.63	96.90	96.69	95.68
Jan	98.22	98.00	97.64	96.95	96.43
Feb	98.07	98.50	97.09	96.53	95.60
Mar	97.51	97.59	96.59	95.89	94.98

Monthly Planned and Unplanned System Unavailability

The table and the chart show the monthly variation in Planned and Unplanned System Unavailability.

Unavailability is defined as $(100 - \text{Availability}) \%$



Planned and Unplanned Unavailability (%) for SHE Transmission System					
	User Connection	System Construction	Maintenance	Unplanned	Total
Apr	0.00	3.12	2.38	1.13	6.63
May	0.00	2.94	2.23	1.23	6.39
Jun	0.00	4.21	2.80	1.60	8.61
Jul	0.02	3.21	2.80	1.95	7.98
Aug	0.01	2.78	2.10	1.79	6.68
Sep	0.02	3.01	2.41	1.73	7.16
Oct	0.00	2.73	1.39	2.76	6.88
Nov	0.00	2.04	1.11	2.60	5.75
Dec	0.00	1.38	0.69	2.25	4.32
Jan	0.00	0.86	0.45	2.26	3.57
Feb	0.00	1.48	0.65	2.27	4.40
Mar	0.00	1.60	1.17	2.25	5.02

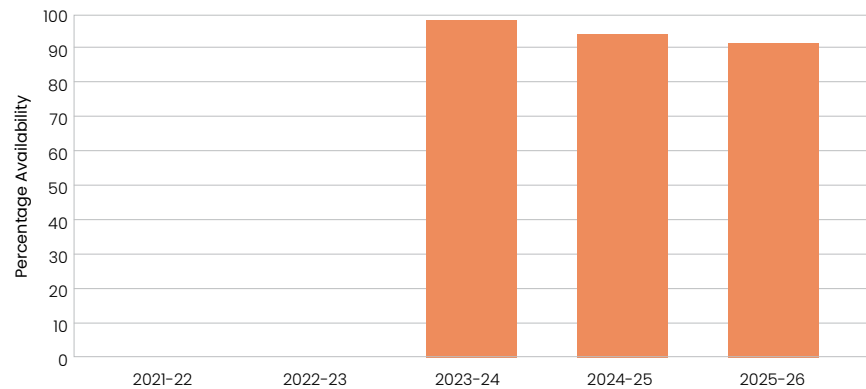
Reactive Compensation Equipment Availability

The definitions and criteria for Reactive Compensation Equipment Availability can be found in the Glossary of terms at the end of this report.

Reactive compensation equipment performance is monitored by reporting variations in Annual and Monthly Reactive Compensation Equipment Availability. There is also a breakdown of Planned and Unplanned Reactive Compensation Equipment Unavailability.

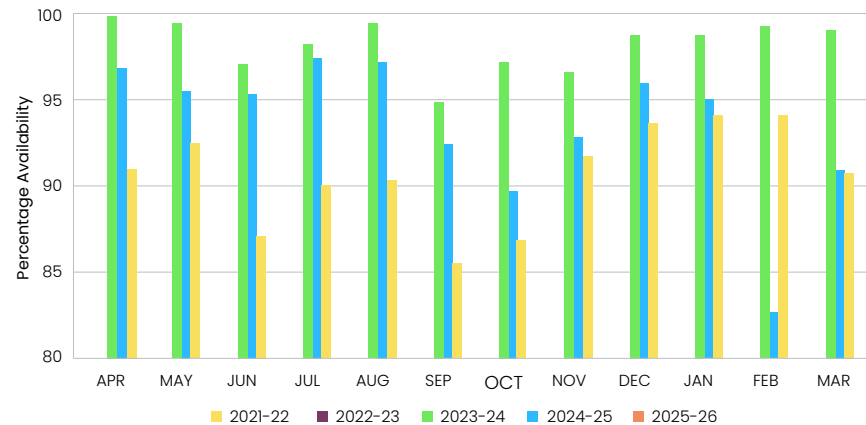
SHE Transmission % Annual Reactive Comp. Equipment Availability				
2021-22	2022-23	2023-24	2024-25	2025-26
N/A	N/A	97.86	93.53	90.62

% Annual Reactive Comp. Equipment Availability



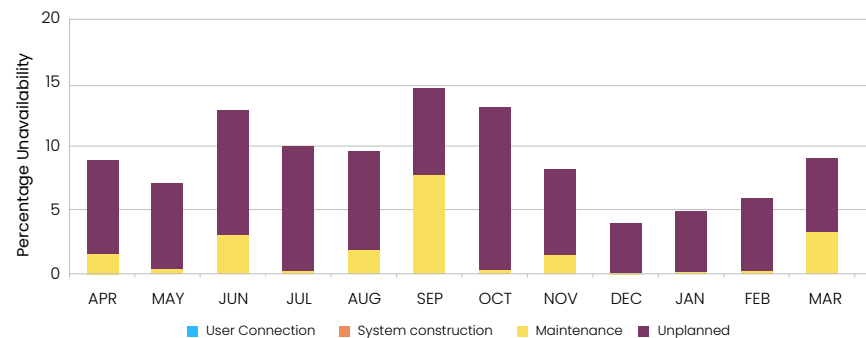
SHE Transmission % Monthly Reactive Comp. Equipment Availability					
	2021-22	2022-23	2023-24	2024-25	2025-26
Apr	N/A	N/A	99.66	97.16	90.88
May	N/A	N/A	98.57	95.71	92.67
Jun	N/A	N/A	97.39	95.64	87.01
Jul	N/A	N/A	96.46	95.51	90.14
Aug	N/A	N/A	98.53	97.05	90.28
Sep	N/A	N/A	94.87	92.73	85.44
Oct	N/A	N/A	97.36	89.34	86.92
Nov	N/A	N/A	96.68	93.53	91.73
Dec	N/A	N/A	98.57	96.08	93.62
Jan	N/A	N/A	98.70	95.12	94.00
Feb	N/A	N/A	98.87	82.72	93.96
Mar	N/A	N/A	98.64	91.79	90.77

% Monthly Reactive Comp. Equipment Availability



Planned and Unplanned Unavailability (%) for SHE Reactive Comp. Equipment					
	User Connection	System Construction	Maintenance	Unplanned	Total
Apr	0.00	0.00	1.62	7.50	9.12
May	0.00	0.00	0.60	6.72	7.33
Jun	0.00	0.00	3.19	9.80	12.99
Jul	0.00	0.00	0.28	9.58	9.86
Aug	0.00	0.00	2.05	7.67	9.72
Sep	0.00	0.00	7.80	6.76	14.56
Oct	0.00	0.00	0.28	12.80	13.08
Nov	0.00	0.00	1.52	6.75	8.27
Dec	0.00	0.00	0.24	6.15	6.38
Jan	0.00	0.00	0.16	5.85	6.00
Feb	0.00	0.00	0.19	5.85	6.04
Mar	0.00	0.00	3.38	5.85	9.23

Monthly Planned and Unplanned Reactive Comp. Equipment Unavailability



Security

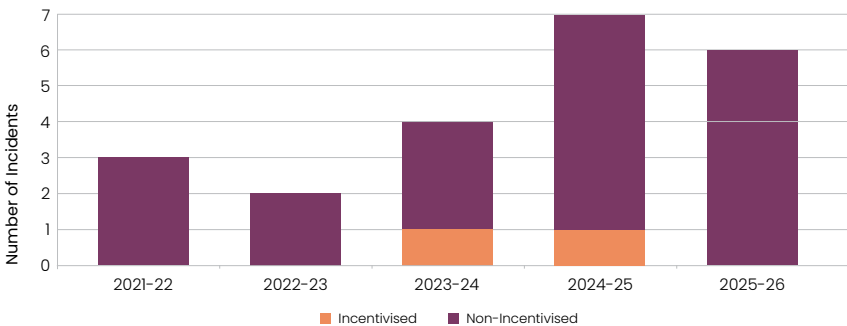
The definitions and criteria for system security can be found in the Glossary of terms at the end of this report.

System performance is monitored by the Estimated Unsupplied Energy from the SHE Transmission System for each incident.

During 2025-26 there were 97 SHE Transmission system events where transmission circuits were disconnected either automatically or by urgent manual switching. Most of these events had no impact on electricity users with 6 resulting in loss of supplies to customers.

Number of Loss of Supply Incidents

The chart shows the annual comparison of the number of Loss of Supply Incidents that occurred within the SHE Transmission System.

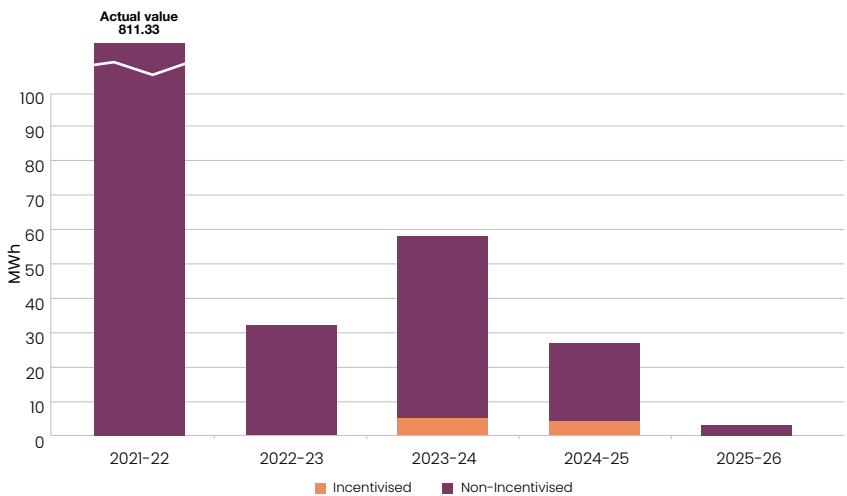


SHE Transmission System – Number of Incidents					
	2021-22	2022-23	2023-24	2024-25	2025-26
Incentivised	0	0	1	1	0
Non-Incentivised	3	2	3	6	6

Total Estimated Unsupplied Energy

The total Estimated Unsupplied Energy from the SHE Transmission System during 2025-26 was: **2.44 MWh**

The chart shows the annual comparison of the Estimated Unsupplied Energy for Loss of Supply Incidents that occurred within the SHE Transmission System.



SHE Transmission System – Estimated Unsupplied Energy (MWh)					
	2021-22	2022-23	2023-24	2024-25	2025-26
Incentivised	0.00	0.00	5.31	4.73	0.00
Non-Incentivised	811.33	32.77	58.40	28.71	2.44

Reliability of Supply

The Overall Reliability of Supply for the SHE Transmission System during 2025-26 was: **99.999948%**

compared with 99.999281% in 2024-25 and 99.998518% in 2023-24.

Loss of Supply Incident Details

SHE Transmission Loss of Supply Incidents – Incentivised

Incident Date, Time and Location	MW Lost	Mins	MWh Unsupplied
None			0.00
Total			0.00

SHE Transmission Loss of Supply Incidents – Non-Incentivised

Incident Date, Time and Location	MW Lost	Mins	MWh Unsupplied
24 April 2025 – Brora 132kV circuit Tripped due to bird strike on circuit breaker. Demand restored by DNO.	3.70	58	2.41
20 June 2025 – Fort Augustus GT1 Overfluxing protection operated during third party commissioning testing. Demand restored by DNO.	24.30	272	0.00
22 June 2025 – Sloy – Clachan – Inveraray 132KV circuit Clachan GT1 protection operated due to CT fault and 132kV overhead line tripped. Line only restored via DAR. Demand was restored by DNO.	0.40	184	0.03
03 October 2025 – Fort William – Kinlochleven 132KV circuit Tripped due to high winds during storm Amy, causing pole failure. Demand was restored by DNO.	32.40	8581	0.00
27 November 2025 – Dunvegan – Ardmore 132KV circuit Tripped due to high winds causing pole failure. Demand was restored by DNO.	25.00	61	0.00
10 December 2025 – Ardkinglas 132KV circuit Tripped during restoring protection following testing. Demand was restored by TO.	6.10	28	0.00
Total			2.44



Interconnectors

IFA1

System Description

The NGET transmission system is interconnected with France between Sellindge and Les Mandarins via a 70km HVDC link owned and operated jointly by National Grid Ventures and Réseau de Transport d'Electricité

(RTE), the French transmission system owner, since 1986.

The interconnector is called IFA1 and is a dual bipole design with a total capability of 2000MW.

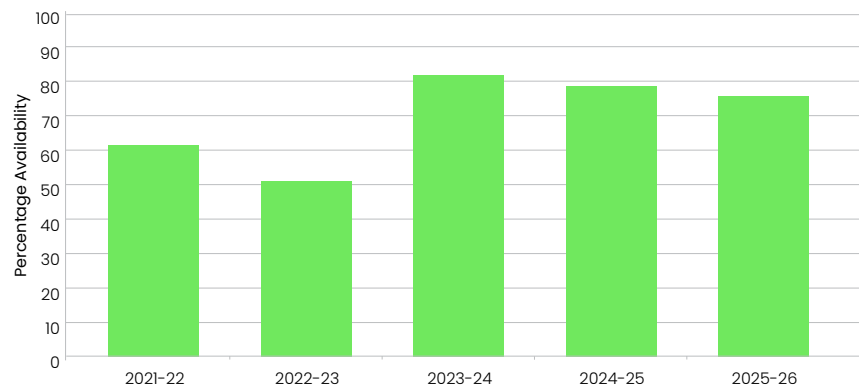
Annual Availability

Annual Availability of IFA1: **74.81%**

The chart below shows the annual comparison of availability of IFA1.

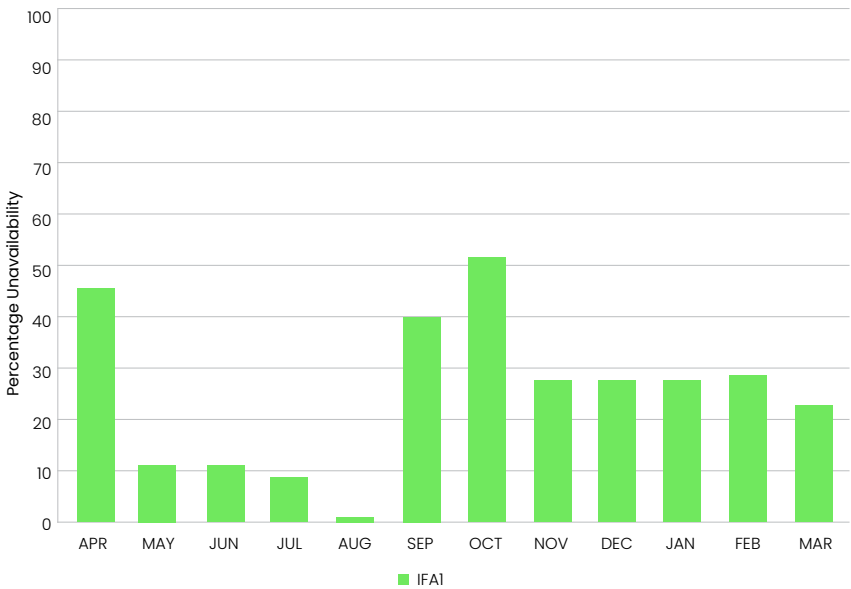
% Annual System Availability

IFA1 % Annual Availability				
2021-22	2022-23	2023-24	2024-25	2025-26
61.22	51.73	81.95	78.92	74.81



Monthly Unavailability

% IFAI Monthly Unavailability

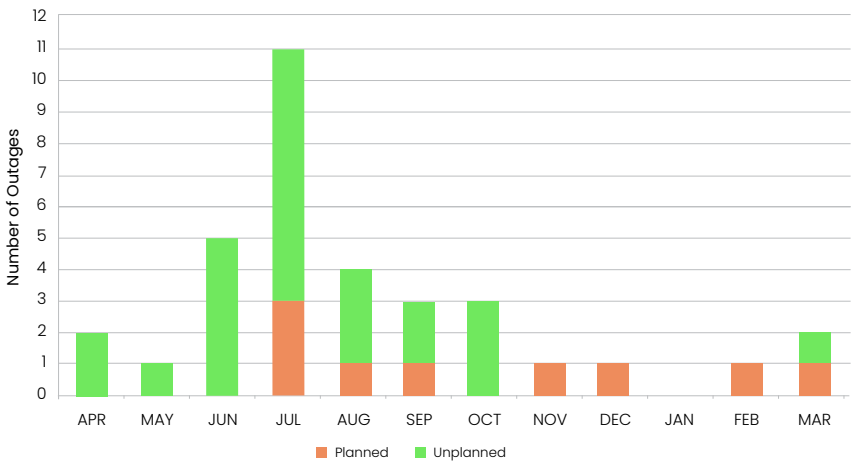


IFAI % Monthly Unavailability	
	IFA
April	45.74
May	10.40
June	11.45
July	8.28
August	0.93
September	40.22
October	52.50
November	28.18
December	26.71
January	28.29
February	28.54
March	22.15
Average	25.19

Outages (April - March)

The chart refers to Planned and Unplanned Outages. In this context Planned are notified prior to Day Ahead and Unplanned are notified at Day Ahead or within the Contract Day.

The chart below shows the number of Interconnector Planned and Unplanned Outages on a per month basis.



IFAI Planned and Unplanned Outages		
	Planned	Unplanned
April	0	2
May	0	1
June	0	5
July	3	8
August	1	3
September	1	2
October	0	3
November	1	0
December	1	0
January	0	0
February	1	0
March	1	1
Total	9	25

BritNed

System Description

The NGET transmission system is interconnected with The Netherlands between Isle of Grain and Maasvlakte, via a 260km subsea cable owned and operated by BritNed Development Limited ("BritNed") since 2011.

The total capability of BritNed is 1000MW and is made up of two 'poles', 500MW each.

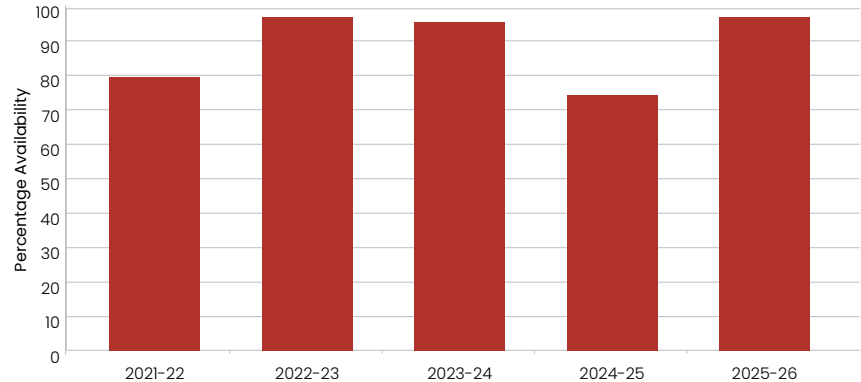
Annual Availability

Annual Availability of BritNed: **96.89%**

The chart below shows the availability of BritNed.

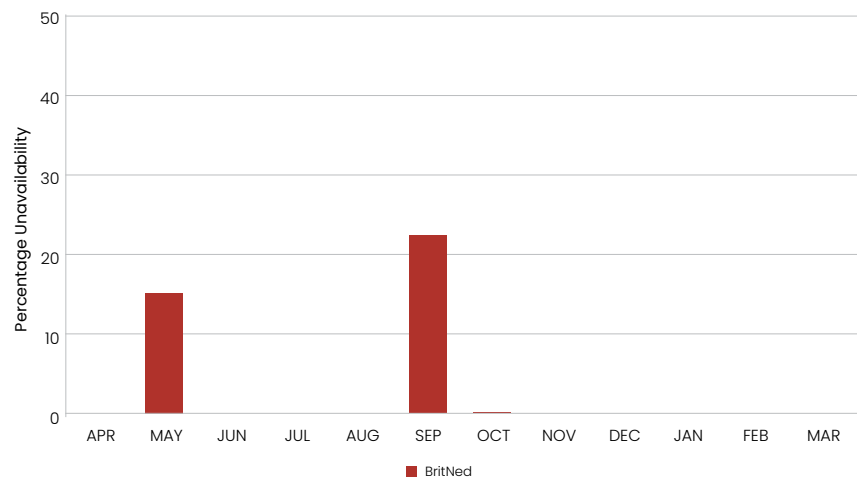
% Annual System Availability

BritNed % Annual Availability				
2021-22	2022-23	2023-24	2024-25	2025-26
79.91	97.25	96.29	74.32	96.89



Monthly Unavailability

% BritNed Monthly Unavailability

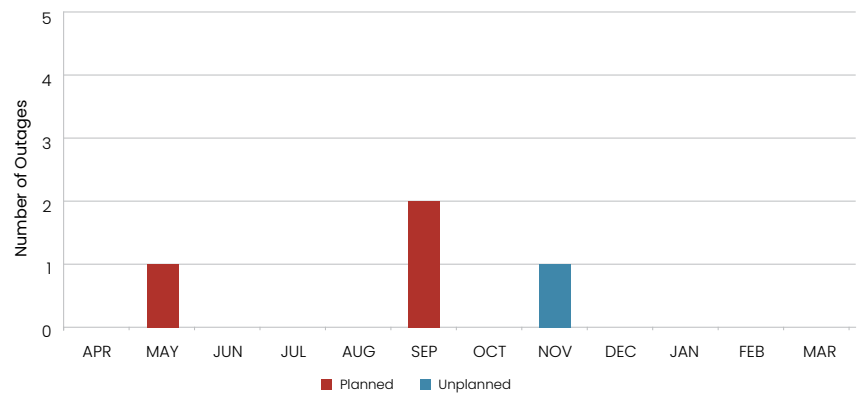


BritNed % Monthly Unavailability	
	BritNed
April	0.00
May	15.19
June	0.00
July	0.00
August	0.00
September	22.08
October	0.00
November	0.13
December	0.00
January	0.00
February	0.00
March	0.00
Average	3.11

Outages (April - March)

The chart refers to Planned and Unplanned Outages. In this context Planned are notified prior to Day Ahead and Unplanned are notified at Day Ahead or within the Contract Day.

The chart below shows the number of Interconnector Planned and Unplanned Outages on a per month basis.



BritNed Planned and Unplanned Outages		
	Planned	Unplanned
April	0	0
May	1	0
June	0	0
July	0	0
August	0	0
September	2	0
October	0	0
November	0	1
December	0	0
January	0	0
February	0	0
March	0	0
Total	3	1

NEMO Link

System Description

The NGET transmission system is interconnected with Belgium between Richborough and Zeebrugge, via a 140km subsea cable owned and operated by Nemo Link Limited (NEMO Link) since January 2019. The total capability of the link is 1000MW and is a single 1000MW monopole design.

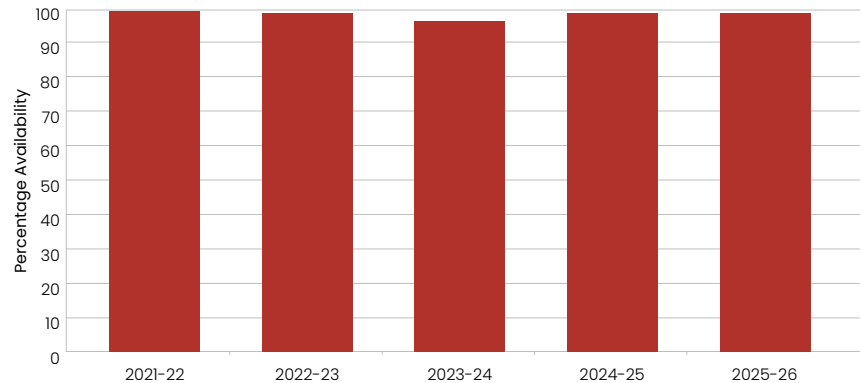
Annual Availability

Annual Availability of NEMO Link: **98.72%**

The chart below shows the availability of NEMO Link.

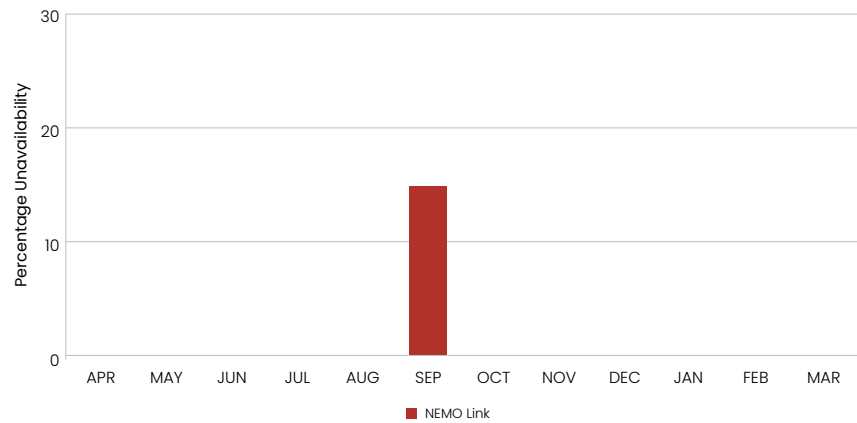
% Annual System Availability

NEMO Link % Annual Availability				
2021-22	2022-23	2023-24	2024-25	2025-26
99.00	98.09	96.78	98.76	98.72



Monthly Unavailability

% NEMO Link Monthly Unavailability

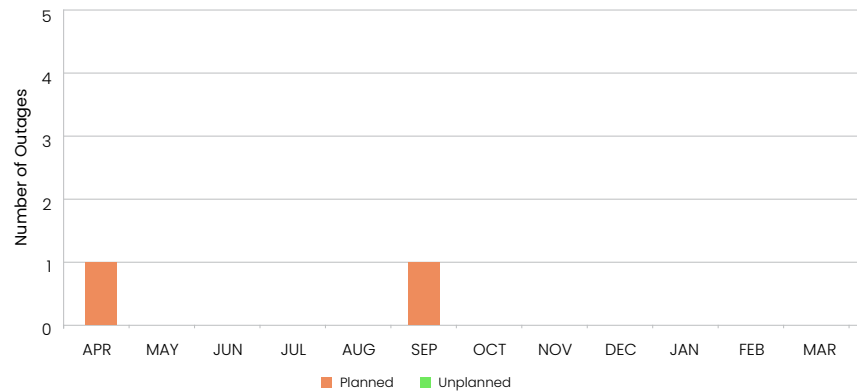


NEMO Link % Monthly Unavailability	
	Nemo Link
April	0.14
May	0.00
June	0.00
July	0.00
August	0.00
September	15.54
October	0.00
November	0.00
December	0.00
January	0.00
February	0.00
March	0.00
Average	1.28

Outages (April - March)

The chart refers to Planned and Unplanned Outages. In this context Planned are notified prior to Day Ahead and Unplanned are notified at Day Ahead or within the Contract Day.

The chart below shows the number of Interconnector Planned and Unplanned Outages on a per month basis.



NEMO Link Planned and Unplanned Outages		
	Planned	Unplanned
April	1	0
May	0	0
June	0	0
July	0	0
August	0	0
September	1	0
October	0	0
November	0	0
December	0	0
January	0	0
February	0	0
March	0	0
Total	2	0

IFA2

System Description

The NGET transmission system is interconnected with France between Chilling Substation and Tourbe via a 240km HVDC link owned and operated jointly by National Grid Ventures and Réseau de Transport d'Electricité (RTE), the French transmission system owner, since January 2021.

The interconnector is called IFA2 and is a monopole design with a total capability of 1000MW.

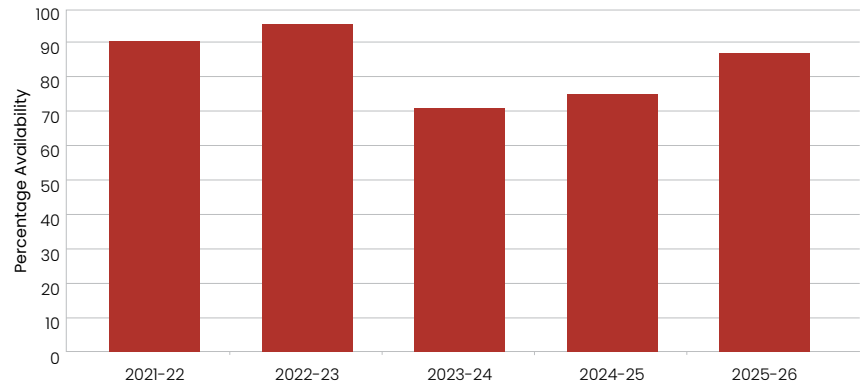
Annual Availability

Annual Availability of IFA2: **87.55%**

The chart below shows the annual comparison of availability of IFA2.

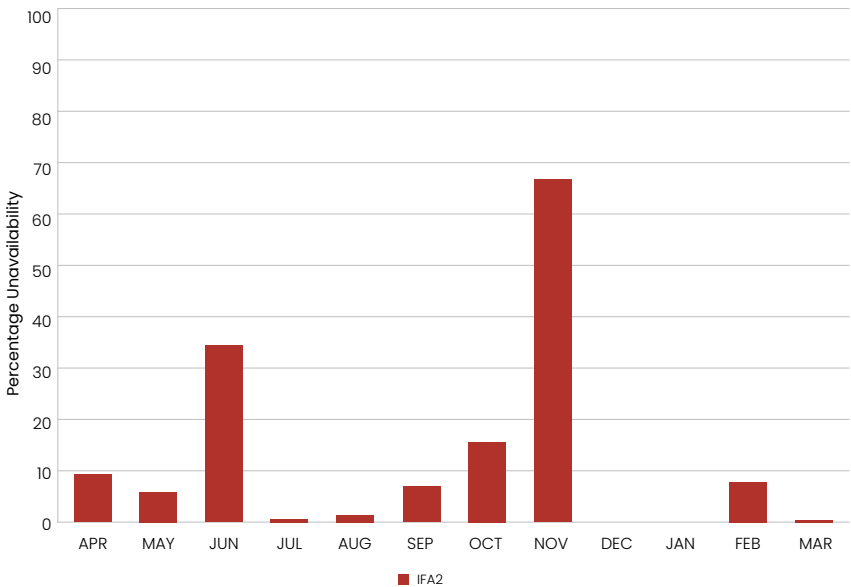
% Annual System Availability

IFA2 % Annual Availability				
2021-22	2022-23	2023-24	2024-25	2025-26
90.34	95.68	71.07	74.87	87.55



Monthly Unavailability

% IFA2 Monthly Unavailability

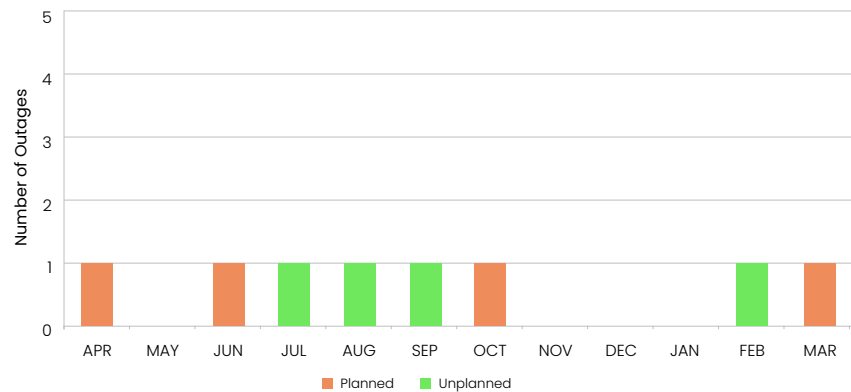


IFA2 % Monthly Unavailability	
	IFA2
April	9.03
May	5.17
June	34.84
July	0.83
August	2.28
September	6.69
October	15.32
November	68.75
December	0.00
January	0.00
February	7.71
March	0.54
Average	12.45

Outages (April - March)

The chart refers to Planned and Unplanned Outages. In this context Planned are notified prior to Day Ahead and Unplanned are notified at Day Ahead or within the Contract Day.

The chart below shows the number of Interconnector Planned and Unplanned Outages on a per month basis.



IFA2 Planned and Unplanned Outages		
	Planned	Unplanned
April	1	0
May	0	0
June	1	0
July	0	1
August	0	1
September	0	1
October	1	0
November	0	0
December	0	0
January	0	0
February	0	1
March	1	0
Total	4	4

North Sea Link (NSL)

System Description

The NGET transmission system is interconnected with Norway between Blyth (Northumberland) and Kviteseid (Rogland) via a 720km HVDC link owned and operated jointly by National Grid Ventures and Statnett, the Norwegian transmission system owner, since October 2021.

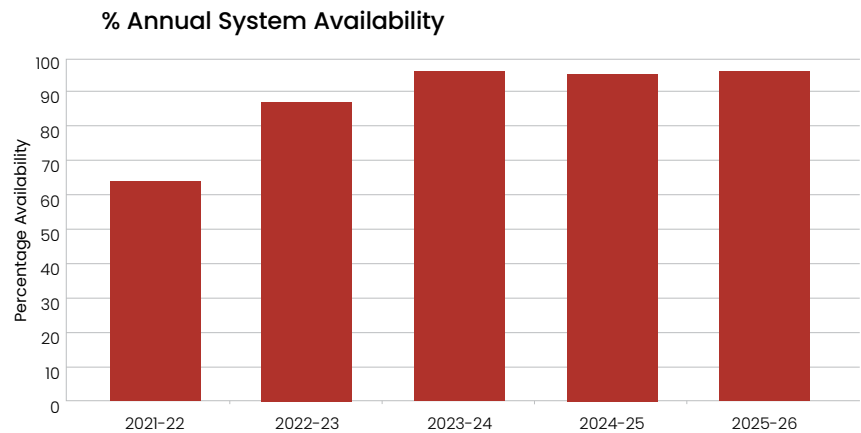
The interconnector is called North Sea Link and is a bipole design with a total capacity of 1400MW.

Annual Availability

Annual Availability of North Sea Link: **95.22%**

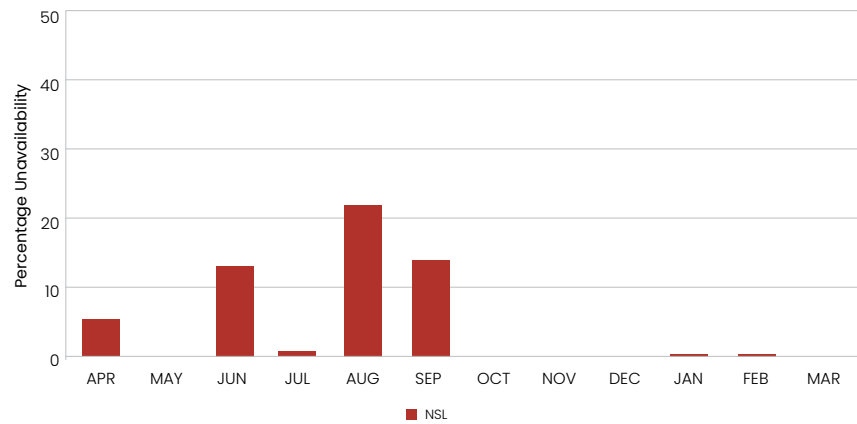
The chart below shows the annual comparison of availability of North Sea Link.

North Sea Link % Annual Availability				
2021-22	2022-23	2023-24	2024-25	2025-26
63.61	86.67	95.92	94.96	95.22



Monthly Unavailability

% North Sea Link Monthly Unavailability

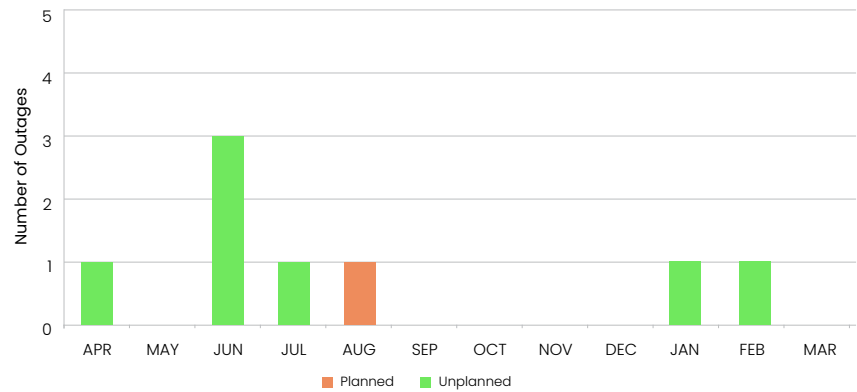


North Sea Link % Monthly Unavailability	
	NSL
April	5.19
May	0.00
June	13.14
July	1.85
August	21.91
September	14.72
October	0.00
November	0.00
December	0.00
January	0.31
February	0.23
March	0.00
Average	4.78

Outages (April - March)

The chart refers to Planned and Unplanned Outages. In this context Planned are notified prior to Day Ahead and Unplanned are notified at Day Ahead or within the Contract Day.

The chart below shows the number of Interconnector Planned and Unplanned Outages on a per month basis.



North Sea Link Planned and Unplanned Outages		
	Planned	Unplanned
April	0	1
May	0	0
June	0	3
July	0	1
August	1	0
September	0	0
October	0	0
November	0	0
December	0	0
January	0	1
February	0	1
March	0	0
Total	1	7

Viking Link

System Description

The NGET transmission system is interconnected with Denmark between Bicker Fen (Lincolnshire) and Revsing (Jutland) via a 765km HVDC link owned and operated jointly by National Grid Ventures and Energinet, the Danish transmission system owner, since December 2023.

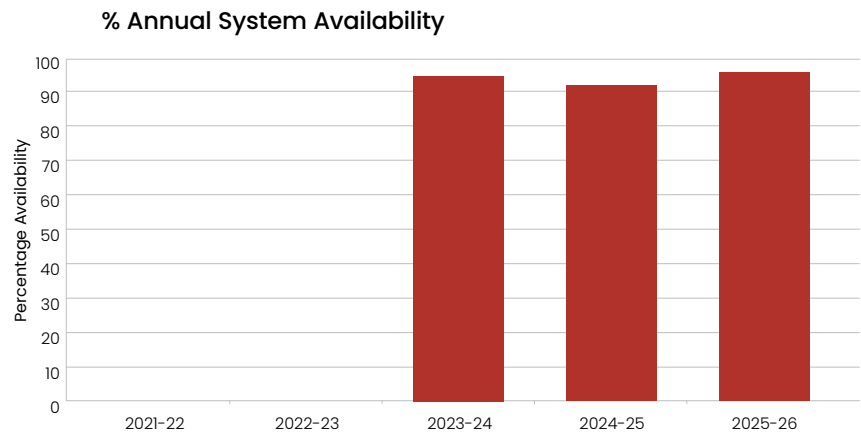
The interconnector is called Viking Link and is a bipole design with a total capacity of 1400MW.

Annual Availability

Annual Availability of Viking Link: **95.96%**

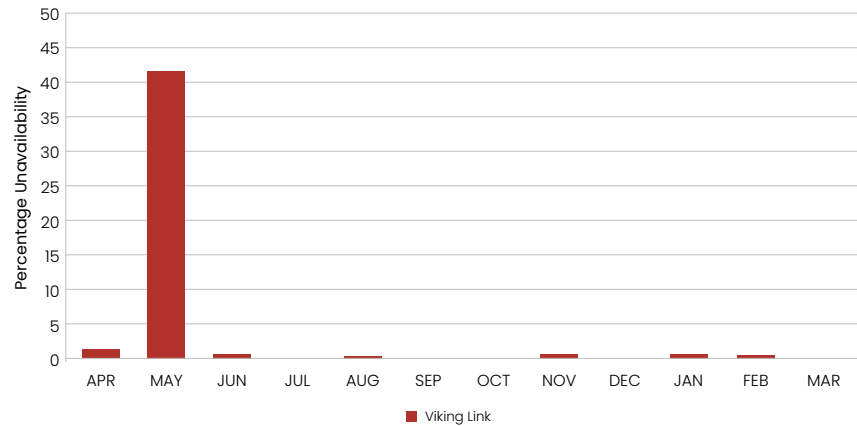
The chart below shows the annual comparison of availability of Viking Link.

Viking Link % Annual Availability				
2021-22	2022-23	2023-24	2024-25	2025-26
N/A	N/A	95.09	91.75	95.96



Monthly Unavailability

% Viking Link Monthly Unavailability

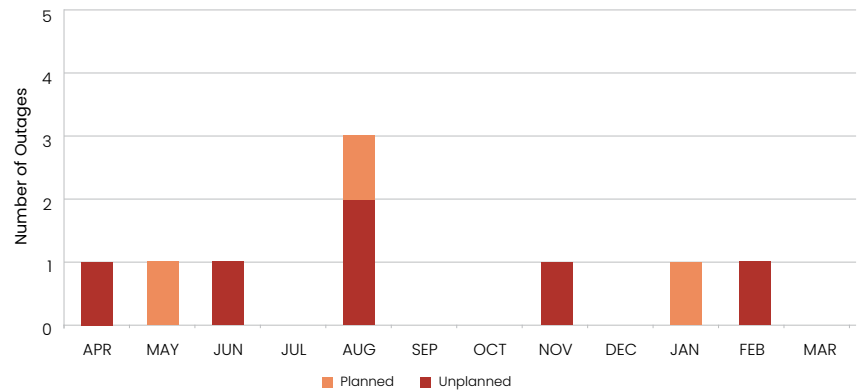


Viking Link % Monthly Unavailability	
	VKL
April	1.66
May	42.67
June	0.56
July	0.00
August	0.64
September	0.00
October	0.00
November	0.84
December	0.00
January	0.87
February	0.52
March	0.00
Average	4.04

Outages (April - March)

The chart refers to Planned and Unplanned Outages. In this context Planned are notified prior to Day Ahead and Unplanned are notified at Day Ahead or within the Contract Day.

The chart below shows the number of Interconnector Planned and Unplanned Outages on a per month basis.



Viking Link Planned and Unplanned Outages		
	Planned	Unplanned
April	0	1
May	1	0
June	0	1
July	0	0
August	1	2
September	0	0
October	0	0
November	0	1
December	0	0
January	1	0
February	0	1
March	0	0
Total	3	6

Offshore Systems

System Description

The following section contains details of the currently connected offshore networks; Robin Rigg OFTO (TC), Gunfleet Sands OFTO (TC), Barrow OFTO (TC), Ormonde OFTO (TC), Lincs OFTO (TC), Westernmost Rough OFTO (TC), Dudgeon OFTO (TC), Beatrice OFTO (TC), Rampion OFTO (TC), East Anglia 1 OFTO (TC), Moray East (TC), Walney 1 OFTO (BT), Walney 2 OFTO (BT), Sheringham Shoal OFTO (BT), London Array OFTO (BT), Greater Gabbard OFTO (EQ), Triton Knoll OFTO (EQ), Seagreen Phase 1 OFTO Project (EQ), Gwynt-Y-Mor OFTO (BBEC), Thanet OFTO (BBEC), Humber Gateway OFTO (BBEC), West of Duddon Sands OFTO (WoDS), Burbo Bank Extension OFTO (DTP), Race Bank OFTO (DTP), Galloper OFTO (DTP), Walney Extension OFTO (DTP), Hornsea One OFTO (DTP) and Hornsea Two OFTO (DTP). The offshore network consists of 3,881 kilometres of circuit, connecting to 28 offshore substations totalling about 13.5GW of generating capacity.

Offshore Transmission Networks

Offshore Transmission Networks						
	Go Live	Number of Circuits	Circuit Length km	Generating Capacity MW	Connection Voltage	Interfacing Party
TC Robin Rigg	02/03/2011	2	28.8	178	132kV	DNO
TC Gunfleet Sands	19/07/2011	1	12.76	163.9	132kV	DNO
TC Barrow	27/09/2011	1	30.1	90	132kV	DNO
TC Ormonde	10/07/2012	1	44.3	150	132kV	DNO
TC Lincs	11/11/2014	2	122.6	265	400kV	Transmission
TC Westernmost Rough	11/02/2016	1	26.16	206.5	275kV	Transmission
TC Dudgeon	13/11/2018	2	178	400	400kV	Transmission
TC Beatrice	04/08/2021	2	181	588	400kV	Transmission
TC Rampion	17/11/2021	2	86	400	400kV	Transmission
TC East Anglia 1	22/12/2022	2	246	680	400kV	Transmission
TC Moray East	22/02/2024	3	280	900	400kV	Transmission
BT Walney 1	31/10/2011	1	48	182	132kV	Transmission
BT Walney 2	04/10/2012	1	49	182	132kV	DNO
BT Sheringham Shoal	05/07/2013	2	88	315	132kV	DNO
BT London Array	18/09/2013	4	216	630	400kV	Transmission
EQ Greater Gabbard	29/11/2013	3	135	500	132kV	Transmission
EQ Triton Knoll	05/12/2023	2	218	824	400kV	Transmission
EQ Seagreen Phase 1	21/03/2025	3	84	1075	275kV	Transmission
BBEC Gwynt Y Mor	17/02/2015	4	126.8	576	400kV	Transmission
BBEC Thanet	17/12/2014	2	58.8	300	132kV	DNO
BBEC Humber Gateway	15/09/2016	2	78	219	275kV	Transmission
West of Duddon Sands	25/08/2015	2	84.6	382	400kV	Transmission
DTP Burbo Bank Extension	27/04/2018	1	35.3	258	400kV	Transmission
DTP Race Bank	10/11/2019	2	164.7	573	400kV	Transmission
DTP Galloper	27/02/2020	2	88.3	353	132kV	Transmission
DTP Walney Extension	04/06/2020	2	139	659	400kV	Transmission
DTP Hornsea One	12/03/2021	2	533	1134	400kV	Transmission
DTP Hornsea Two	20/07/2023	2	498.6	1320	400kV	Transmission

TC: Transmission Capital BT: Blue Transmission Investments Limited EQ: Equitix
BBEC: Balfour Beatty & Equitix Consortium DTP: Diamond Transmission Partners

Availability

Offshore Transmission Systems are radial and only connect offshore generation to the wider NETS. The regulatory incentivisation of OFTO performance is different to that of onshore TOs and is based on their system availability rather than loss of supply. The OFTOs provide information for outages that originate on their system or outages that have impacted their system, for example, a generator, DNO or TO system. The system availability performance for each OFTO is then calculated after categorising the outages as either OFTO or Non-OFTO.

System performance is monitored by reporting variations in Annual System Availability, Winter Peak System Availability and Monthly System Availability. There is also a breakdown of Planned and Unplanned System Unavailability. The Annual System Availability of Offshore Networks for 2025–26 was **98.31%**

% Annual System Availability

Offshore Transmission Networks % Annual System Availability					
	2021–22	2022–23	2023–24	2024–25	2025–26
TC Robin Rigg	100	100	100	99.98	100
TC Gunfleet Sands	100	100	100	100	99.95
TC Barrow	100	100	100	99.62	99.92
TC Ormonde	99.93	99.38	100	100	97.54
TC Lincs	99.98	99.99*	100	99.74	100
TC Westernmost Rough	99.93	100	100	100	99.94
TC Dudgeon	99.92	99.95	98.74	99.93	99.72
TC Beatrice	99.16	99.32	96.99	98.13	100
TC Rampion	100	99.56	100	99.87	99.95
TC East Anglia 1	N/A	100	94.99	100	99.80
TC Moray East	N/A	N/A	100	100	99.42
BT Walney 1	98.90	100	99.67	99.76	99.72
BT Walney 2	100	100	100	99.94	90.02
BT Sheringham Shoal	99.69	99.61	100	98.43	99.77
BT London Array	99.82	99.92	99.84	100	99.90
EQ Greater Gabbard	99.98	94.74	99.58	98.99	98.81
EQ Triton Knoll	N/A	N/A	100	94.45	99.73
EQ Seagreen Phase 1	N/A	N/A	N/A	100	99.33
BBEC Gwynt Y Mor	99.56*	99.90	91.10	96.23	92.40
BBEC Thanet	100	99.72	100	100	99.63
BBEC Humber Gateway	98.73	99.72	99.34	100	93.78
West of Duddon Sands	99.19	99.09	97.59	99.78	99.55
DTP Burbo Bank Extension	100	100	100	100	100
DTP Race Bank	100	99.93	94.72	98.51	99.83
DTP Galloper	100	99.97	100	100	100
DTP Walney Extension	100	100	100	99.66	100
DTP Hornsea One	99.93	99.57	95.30	93.31	99.72
DTP Hornsea Two	N/A	N/A	95.34	95.08	91.16

*Figure has been updated as an exceptional event with agreement from Ofgem.

% Winter Peak System Availability

Offshore Transmission Networks % Winter Peak System Availability					
	2021-22	2022-23	2023-24	2024-25	2025-26
TC Robin Rigg	100	100	100	100	100
TC Gunfleet Sands	100	100	100	100	100
TC Barrow	100	100	100	100	100
TC Ormonde	100	100	100	100	100
TC Lincs	100	100	100	100	100
TC Westernmost Rough	100	100	100	100	100
TC Dudgeon	99.88	100	100	100	99.76
TC Beatrice	100	100	100	100	100
TC Rampion	100	100	100	100	100
TC East Anglia 1	N/A	100	99.85	100	100
TC Moray East	N/A	N/A	100	100	100
BT Walney 1	99.07	100	99.34	100	100
BT Walney 2	100	100	100	100	100
BT Sheringham Shoal	100	100	100	99.91	100
BT London Array	99.64	100	100	100	99.82
EQ Greater Gabbard	100	90.50	100	100	99.40
EQ Triton Knoll	N/A	N/A	100	82.00	100
EQ Seagreen Phase 1	N/A	N/A	N/A	N/A	99.99
BBEC Gwynt Y Mor	99.82*	99.90	78.35	88.91	100
BBEC Thanet	100	99.51	100	100	100
BBEC Humber Gateway	99.17	99.41	100	100	75.14
West of Duddon Sands	100	100	99.80	100	100
DTP Burbo Bank Extension	100	100	100	100	100
DTP Race Bank	100	100	92.42	100	100
DTP Galloper	100	100	100	100	100
DTP Walney Extension	100	100	100	100	100
DTP Hornsea One	99.92	100	85.62	100	100
DTP Hornsea Two	N/A	N/A	85.62	99.30	100

* Figure has been updated as an exceptional event with agreement from Ofgem

% Monthly System Availability

Offshore Transmission Networks % Monthly System Availability												
	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR
TC Robin Rigg	100	100	100	100	100	100	100	100	100	100	100	100
TC Gunfleet Sands	100	100	100	100	99.43	100	100	100	100	100	100	100
TC Barrow	100	100	100	100	100	100	100	100	100	100	100	99.05
TC Ormonde	100	72.07	98.91	100	100	100	100	100	100	100	100	100
TC Lincs	100	100	100	100	100	100	100	100	100	100	100	100
TC Westernmost Rough	100	100	99.32	100	100	100	100	100	100	100	100	100
TC Dudgeon	99.47	100	100	100	100	100	100	100	99.28	97.94	100	100
TC Beatrice	100	100	100	100	100	100	100	100	100	100	100	100
TC Rampion	100	100	100	100	100	100	99.39	100	100	100	100	100
TC East Anglia 1	99.10	100	100	98.49	100	100	100	100	100	100	100	100
TC Moray East	100	100	100	100	100	100	100	100	100	100	100	93.22
BT Walney 1	97.80	100	98.90	100	100	100	100	100	100	100	100	100
BT Walney 2	24.41	55.87	100	100	100	100	100	100	100	100	100	100
BT Sheringham Shoal	100	100	99.93	99.95	99.68	100	100	98.00	100	100	100	99.71
BT London Array	100	99.40	100	100	99.98	100	100	100	99.46	100	100	100
EQ Greater Gabbard	100	100	100	100	100	100	99.60	100	100	98.20	100	100
EQ Triton Knoll	100	100	100	100	100	96.40	100	100	100	100	100	100
EQ Seagreen Phase 1	99.48	100	100	100	100	100	99.49	93.12	100	99.98	100	100
BBEC Gwynt Y Mor	88.19	88.19	88.16	79.85	66.21	100	100	99.21	100	100	100	98.94
BBEC Thanet	100	100	100	100	100	95.54	100	100	100	100	100	100
BBEC Humber Gateway	100	100	100	100	100	100	100	100	100	58.07	67.34	100
West of Duddon Sands	100	94.91	100	100	100	99.74	100	100	100	100	100	100
DTP Burbo Bank Extension	100	100	100	100	100	100	100	100	100	100	100	100
DTP Race Bank	100	100	98.80	99.15	100	100	100	100	100	100	100	100
DTP Galloper	100	100	100	100	100	100	100	100	100	100	100	100
DTP Walney Extension	100	100	100	100	100	100	100	100	100	100	100	100
DTP Hornsea One	100	100	100	99.61	100	100	100	100	100	100	100	100
DTP Hornsea Two	69.24	66.66	66.66	94.26	100	100	97.15	100	100	100	100	100

% Monthly Planned and Unplanned Unavailability

The table shows the % monthly variation in Planned and Unplanned System Unavailability for the Offshore Transmission Networks. The unavailability has been classified by network responsibility i.e. OFTO or Non-OFTO (e.g. Generator).

		Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar
TC Robin Rigg	OFTO Planned	0	0	0	0	0	0	0	0	0	0	0	0
	OFTO Unplanned	0	0	0	0	0	0	0	0	0	0	0	0
	Non-OFTO	0	0	0	1.66	0	0	0	0	0	0.10	0	0
TC Gunfleet Sands		Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar
		OFTO Planned	0	0	0	0.57	0	0	0	0	0	0	0
		OFTO Unplanned	0	0	0	0	0	0	0	0	0	0	0
TC Barrow	Non-OFTO	0	0	0	0	0	3.66	0	0	0	0	0	0
TC Ormonde		Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar
		OFTO Planned	0	0	1.09	0	0	0	0	0	0	0	0
		OFTO Unplanned	0	27.93	0	0	0	0	0	0	0	0	0
TC Lincs	Non-OFTO	0.54	10.70	0	0	0	0	0	0	0	0	0.13	0
TC Westermost Rough		Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar
		OFTO Planned	0	0	0.68	0	0	0	0	0	0	0	0
		OFTO Unplanned	0	0	0	0	0	0	0	0	0	0	0
TC Dudgeon	Non-OFTO	0	0	0	0	0	0	0	0	0	0	0	0
TC Beatrice		Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar
		OFTO Planned	0	0	0	0	0	0	0	0.53	2.06	0	0
		OFTO Unplanned	0.53	0	0	0	0	0	0	0.18	0	0	0
TC Rampion	Non-OFTO	0	0	5.16	0	0	0	0	0	0	0	0	0
TC East Anglia 1		Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar
		OFTO Planned	0	0	0	1.26	0	0	0	0	0	0	0
		OFTO Unplanned	0.90	0	0	0.25	0	0	0	0	0	0	0
TC Moray East	Non-OFTO	0	0	0	1.93	0	0	0	0	0	0	0	0
BT Walney 1		Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar
		OFTO Planned	0	0	0	0	0	0	0	0	0	0	0
		OFTO Unplanned	0	0	0	0	0	0	0	0	0	0	0
BT Walney 2	Non-OFTO	2.20	0	1.10	0	0	0	0	0	0	0	0	0
BT Sheringham Shoal		Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar
		OFTO Planned	0	0	0	0	0	0	2.00	0	0	0	0
		OFTO Unplanned	0	0	0	0	0	0	0	0	0	0	0
	Non-OFTO	0	0	0.07	0.05	0.32	0	0	0	0	0	0	0.29

% Monthly Planned and Unplanned Unavailability

		Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar
BT London Array	OFTO Planned	0	0	0	0	0.02	0	0	0	0	0	0	0
	OFTO Unplanned	0	0	0	0	0	0	0	0	0.54	0	0	0
	Non-OFTO	0	0.60	0	0	0	0	0	0	0	0	0	0
		Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar
EQ Greater Gabbard	OFTO Planned	0	0	0	0	0	0	0.40	0	0	1.80	0	0
	OFTO Unplanned	0	0	0	0	0	0	0	0	0	0	0	0
	Non-OFTO	0	0	0	0	0	0	0	0	0	0	0	0
		Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar
EQ Triton Knoll	OFTO Planned	0	0	0	0	0	0	0	0	0	0	0	0
	OFTO Unplanned	0	0	0	0	0	3.60	0	0	0	0	0	0
	Non-OFTO	0	0	0	0	0	0	0	0	0	0	0	0
		Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar
EQ Seagreen Phase 1	OFTO Planned	0	0	0	0	0	0	0	0	0	0.02	0	0
	OFTO Unplanned	0	0	0	0	0	0	0	6.88	0	0	0	0
	Non-OFTO	0.52	0	0	0	0	0	0.51	0	0	0	0	0
		Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar
BBEC Gwynt Y Mor	OFTO Planned	11.81	11.81	11.84	20.15	33.79	0	0	0.59	0	0	0	0
	OFTO Unplanned	0	0	0	0	0	0	0	0.20	0	0	0	1.06
	Non-OFTO	0	0	0	0	0	0	0	0	0	0	0	0
		Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar
BBEC Thanet	OFTO Planned	0	0	0	0	0	0	0	0	0	0	0	0
	OFTO Unplanned	0	0	0	0	0	4.46	0	0	0	0	0	0
	Non-OFTO	0	0	0	0	0	0	0	0	0	0	0	0
		Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar
BBEC Humber Gateway	OFTO Planned	0	0	0	0	0	0	0	0	0	0	0	0
	OFTO Unplanned	0	0	0	0	0	0	0	0	0	41.93	32.66	0
	Non-OFTO	0	0	0	0	0	0	0	0	0	0	0	0
		Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar
West of Duddon Sands	OFTO Planned	0	5.09	0	0	0	0.26	0	0	0	0	0	0
	OFTO Unplanned	0	0	0	0	0	0	0	0	0	0	0	0
	Non-OFTO	0	0	0	0	0	0	0	0	0	0	0	0
		Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar
DTP Burbo Bank Extension	OFTO Planned	0	0	0	0	0	0	0	0	0	0	0	0
	OFTO Unplanned	0	0	0	0	0	0	0	0	0	0	0	0
	Non-OFTO	0	0	0	0	0	0	0	0	0	0	0	0
		Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar
DTP Race Bank	OFTO Planned	0	0	1.20	0.85	0	0	0	0	0	0	0	0
	OFTO Unplanned	0	0	0	0	0	0	0	0	0	0	0	0
	Non-OFTO	0	0	0	0	0	0	0	0	0	0	0	0
		Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar
DTP Galloper	OFTO Planned	0	0	0	0	0	0	0	0	0	0	0	0
	OFTO Unplanned	0	0	0	0	0	0	0	0	0	0	0	0
	Non-OFTO	0	0	0	0	0	0	0	0	0	0	0	0
		Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar
DTP Walney Extension	OFTO Planned	0	0	0	0	0	0	0	0	0	0	0	0
	OFTO Unplanned	0	0	0	0	0	0	0	0	0	0	0	0
	Non-OFTO	0	0	0	0	0	0	0	0	0	0	0	0
		Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar
DTP Hornsea One	OFTO Planned	0	0	0	0	0	0	0	0	0	0	0	0
	OFTO Unplanned	0	0	0	3.39	0	0	0	0	0	0	0	0
	Non-OFTO	0	0	0	0	0	0	0	0	0	0	0	0
		Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar
DTP Hornsea Two	OFTO Planned	0	0	0	0	0	0	0	0	0	0	0	0
	OFTO Unplanned	30.76	33.34	33.34	5.74	0	0	2.85	0	0	0	0	0
	Non-OFTO	0	0	0	0	0	0	0	0	0	0	0	0
		Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar

Outage Details

Offshore system outages are calculated using MW of offshore transmission capacity unavailable, not generation lost.

TC Robin Rigg

Outage Date and Time	Reason	Days, Hours and Mins	MWh
01 July 2025 07:04 Full site outage for Generator (RWE)..	Non-OFTO	0d 11h 39m	1071.79
02 July 2025 07:24 Full site outage for Generator (RWE).	Non-OFTO	0d 11h 02m	948.87
07 July 2025 07:02 Full circuit outage for ENW to switch at Stainburn.	Non-OFTO	0d 00h 30m	43.00
10 July 2025 04:37 Trip due to transient fault on ENW network.	Non-OFTO	0d 01h 10m	107.33
11 July 2025 06:02 Full circuit outage for ENW to switch at Stainburn.	Non-OFTO	0d 00h 22m	31.53
03 January 2026 00:35 ENW unplanned outage due to Siddick Transformer GT1 low oil level.	Non-OFTO	0d 01h 26m	123.27
03 January 2026 03:46 ENW network reconfiguration on RTS of above.	Non-OFTO	0d 00h 10m	14.33
Total			2,340.12

TC Gunfleet Sands

Outage Date and Time	Reason	Days, Hours and Mins	MWh
11 August 2025 07:58 GT1 Tapchanger Maintenance.	OFTO	0d 08h 11m	362.14
12 August 2025 08:22 GT2 Tapchanger Maintenance.	OFTO	0d 07h 35m	335.59
19 September 2025 08:25 Generator was commissioning a new SCADA system and required a full OFTO circuit outage.	Non-OFTO	1d 01h 21m	4154.87
21 September 2025 16:03 Generator was commissioning a new SCADA system and required a full OFTO circuit outage.	Non-OFTO	0d 01h 01m	166.63
Total			5,019.23

TC Barrow

Outage Date and Time	Reason	Days, Hours and Mins	MWh
27 April 2025 18:12 NGET trip of BOW OFTO.	Non-OFTO	0d 03h 52m	348.00
06 May 2025 09:25 ENW requested outage to conduct essential 132kV maintenance.	Non-OFTO	3d 07h 37m	7165.50
10 February 2026 10:10 SP ENWL outage for network reconfiguration on Trimpell 1 circuit.	Non-OFTO	0d 00h 22m	33.00
10 February 2026 16:11 SP ENWL outage for network reconfiguration on Trimpell 1 circuit.	Non-OFTO	0d 00h 29m	43.50
14 March 2026 09:17 Pre-cable repair phasing tests.	OFTO	0d 07h 02m	633.00
Total			8,223.00

TC Ormonde

Outage Date and Time	Reason	Days, Hours and Mins	MWh
27 April 2025 18:12 Trip due to fault on disconnector 406 at Heysham.	Non-OFTO	4d 01h 37m	14642.50
11 May 2025 19:09 OFTO trip due to fault with T5 OLTC – circuit restored without T5 & HF following busbar removal.	OFTO	8d 15h 46m	31165.00
11 June 2025 09:44 Re-installation of 132kV busbars for restoration of T5 & 132kV Harmonic Filter.	OFTO	0d 07h 49m	1172.50
27 July 2025 10:09 ENW (DNO) outage for disconnector 405 repair works.	Non-OFTO	8d 07h 47m	29967.50
10 November 2025 10:12 DNO switching time outage on Heysham – Trimpell 2 132kV circuit.	Non-OFTO	0d 00h 44m	110.00
14 November 2025 15:34 DNO switching time outage on Heysham – Trimpell 2 132kV circuit return.	Non-OFTO	0d 00h 30m	75.00
08 December 2025 13:42 ENW urgent issue on Trimpell circuit VT.	Non-OFTO	0d 02h 30m	375.00
Total			77,507.50

TC Lincs

Outage Date and Time	Reason	Days, Hours and Mins	MWh
None		0d 00h 0m	0.00
Total			0.00

TC Westernmost Rough

Outage Date and Time	Reason	Days, Hours and Mins	MWh
04 June 2025 10:57 Export circuit and offshore 150kV BB live protection trip test, GT1 and GT2 trip test, GT1 and GT2 maintenance.	OFTO	0d 04h 54m	1011.85
Total			1,011.85

TC Dudgeon

Outage Date and Time	Reason	Days, Hours and Mins	MWh
27 April 2025 15:58 Shunt reactor trip initiated from winding temperature (suspected faulty WTI)	OFTO	0d 07h 37m	1515.72
06 June 2025 15:00 Outage requested by generator for 33kV GIS leak repair.	Non-OFTO	2d 23h 30m	14872.00
10 December 2025 12:07 SF6 Leak on Circuit Breaker X105 – SF6 top up.	OFTO	0d 02h 44m	546.67
20 December 2025 05:59 Switch out for X105 SF6 top up due to leak.	OFTO	0d 07h 57m	1590.00
01 January 2026 07:37 Switch out for X105 SF6 top up due to leak.	OFTO	0d 01h 42m	340.00
10 January 2026 06:18 Repair of CB X105.	OFTO	1d 05h 00m	5800.00
Total			24,664.39

TC Beatrice

Outage Date and Time	Reason	Days, Hours and Mins	MWh
18 April 2025 08:07 Fault – Cable failure on circuit 2.	Non-OFTO	73d 15h 52m	519752.80
30 June 2025 23:59 Continuation of cable fault	Non-OFTO	25d 16h 33m	181265.70
Total			701,018.50

TC Rampion

Outage Date and Time	Reason	Days, Hours and Mins	MWh
07 October 2025 08:46 Testing of onshore export cable sheath link boxes for circuit 2.	OFTO	0d 09h 29m	1820.80
Total			1,820.80

TC East Anglia 1

Outage Date and Time	Reason	Days, Hours and Mins	MWh
14 April 2025 11:36 Trip of STATCOM caused aux supply failure and subsequent overvoltage due to SGT tap changer unavailability. Circuit 1 trip.	OFTO	0d 06h 21m	2159.00
14 April 2025 11:36 Trip of STATCOM caused aux supply failure and subsequent overvoltage due to SGT tap changer unavailability. Circuit 2 trip.	OFTO	0d 06h 37m	2249.67
01 July 2025 08:04 Circuit 1 and Circuit 2 outage requested by generator.	Non-OFTO	0d 14h 22m	9769.33
01 July 2025 22:26 Planned sheath testing of Circuit 2 Export Circuit.	OFTO	0d 18h 42m	6358.00
09 July 2025 09:00 Fault outage – Trip from STATCOM 2 operated CBF which tripped SGT2.	OFTO	0d 03h 45m	1275.00
Total			21,811.00

TC Moray East

Outage Date and Time	Reason	Days, Hours and Mins	MWh
01 April 2025 08:25 SSEN-T TO outage on OFTO circuit 1.	Non-OFTO	0d 10h 37m	3153.15
02 April 2025 08:16 SSEN-T TO outage on OFTO circuit 2.	Non-OFTO	0d 09h 47m	2905.65
22 April 2025 08:16 SSEN-T TO outage on OFTO circuit 1.	Non-OFTO	0d 09h 47m	2905.65
23 April 2025 07:46 SSEN-T TO outage on OFTO circuit 2.	Non-OFTO	0d 12h 31m	3717.45
01 May 2025 08:06 SSEN-T Onshore TO outage on OFTO circuit 3.	Non-OFTO	0d 08h 32m	2534.40
25 March 2026 16:34 Outage due to fault on 33kV tertiary cables of SGT-Circuit 3.	OFTO	6d 07h 25m	45429.92
Total			60,646.22

BT Walney 1

Outage Date and Time	Reason	Days, Hours and Mins	MWh
27 April 2025 18:11 Export cable and GT1 & GT2, ENWL Disconnect switch fault.	Non-OFTO	0d 15h 50m	2660.00
19 June 2025 10:40 Export cable and GT1 & GT2 SCADA upgrade owned by generator.	Non-OFTO	0d 07h 56m	1333.00
Total			3,993.00

BT Walney 2

Outage Date and Time	Reason	Days, Hours and Mins	MWh
08 April 2025 07:44 Whole system ENW outage.	Non-OFTO	22d 16h 16m	91437.00
01 May 2025 00:00 Export cable and GT1 & GT2 SCADA upgrade owned by generator.	Non-OFTO	13d 16h 19m	55157.00
Total			146,594.00

BT Sheringham Shoal

Outage Date and Time	Reason	Days, Hours and Mins	MWh
29 June 2025 08:14 At the 'Generators' request we had to have a small outage on 2M0 33kV string 2 incomer circuit-breaker to enable a SF6 top-up to G01 WTG 33kV switchgear. Excluded under amended standard condition E12-J4 para 9 (b).	Non-OFTO	0d 06h 01m	150.67
10 July 2025 10:14 At the 'Generators' request we had to have a small outage on 2M0 33kV string 2 incomer circuit-breaker to enable a SF6 top-up to G01 WTG 33kV switchgear. Excluded under amended standard condition E12-J4 para 9 (b).	Non-OFTO	0d 04h 47m	119.79
28 August 2025 09:02 At the 'Generators' request we had to have a small outage on 2M0 33kV string 2 incomer circuit-breaker to enable investigation of G01 WTG 33kV array cable. Excluded under amended standard condition E12-J4 para 9 (b).	Non-OFTO	0d 05h 47m	745.85
25 November 2025 05:15 Shunt Reactor 2 Tapchanger works.	OFTO	0d 13h 50m	2178.75
27 November 2025 05:16 Shunt Reactor 1 Tapchanger works.	OFTO	0d 15h 02m	2367.75
05 March 2026 14:53 Switching time outage to allow DNO works following a fault on their network. Excluded under amended standard condition E12-J4 para 9 (b).	Non-OFTO	0d 03h 33m	559.13
12 March 2026 20:22 Switching time outage to allow DNO to return the circuit following a fault on their network. Excluded under amended standard condition E12-J4 para 9 (b).	Non-OFTO	0d 00h 46m	121.28
Total			6,243.22

BT London Array

Outage Date and Time	Reason	Days, Hours and Mins	MWh
13 May 2025 06:50 Generator requested outage for offshore GT3 bus duct inspection.	Non-OFTO	0d 14h 06m	2030.00
13 May 2025 07:33 Generator requested outage for offshore GT3 bus duct inspection (Switching time outage).	Non-OFTO	0d 03h 08m	451.00
13 May 2025 18:15 Generator requested outage for offshore GT3 bus duct inspection (Switching time outage).	Non-OFTO	0d 02h 20m	336.00
22 August 2025 09:23 Switching time outage (Filter 1B R.T.S).	OFTO	0d 00h 36m	86.00
29 December 2025 11:54 Trip on SVC leading to XC290 inter-trip and outage on export cables 2 and 4.	OFTO	0d 07h 42m	2515.00
Total			5,418.00

Equitix Greater Gabbard

Outage Date and Time	Reason	Days, Hours and Mins	MWh
October & January Planned outages for diverter insert replacement works and for a planned transformer oil top up.	OFTO	Not provided	-
Total			-

Equitix Triton Knoll

Outage Date and Time	Reason	Days, Hours and Mins	MWh
September Busduct inspection works on West Platform.	OFTO	Not provided	-
Total			-

Equitix Seagreen Phase 1

Outage Date and Time	Reason	Days, Hours and Mins	MWh
April, October, November 2025 & January 2026 Combination of NESO / Generator led outages. OFTO planned and unplanned outages related to DRC 3.	OFTO/ Non-OFTO	Not provided	-
Total			-

BBEC Gwynt-Y-Mor

Outage Date and Time	Reason	Days, Hours and Mins	MWh
01 April 2025 00:00 SSEC3 export cap.	OFTO	29d 23h 59m	48790.00
01 May 2025 00:00 SSEC3 export cap.	OFTO	30d 23h 59m	50416.33
01 June 2025 00:00 SSEC3 export cap.	OFTO	29d 23h 59m	48790.00
24 June 2025 12:03 SSEC3 GT7 switch out, 710 zone 6 SF6 leak.	OFTO	0d 02h 01m	152.73
01 July 2025 00:00 SSEC3 export cap.	OFTO	20d 08h 25m	33097.03
11 July 2025 13:02 SSEC3 GT7 switch out, SF6 leak.	OFTO	0d 02h 05m	157.78
21 July 2025 08:25 SSEC3 Stage 4 repair.	OFTO	10d 15h 34m	36676.17
27 July 2025 07:31 Maintenance 6YR outage - SSEC2.	OFTO	4d 16h 28m	16141.30
01 August 2025 00:00 SSEC3 limited to 76MW. EE claim to be submitted.	OFTO	0d 20h 48m	2984.80
01 August 2025 21:09 Maintenance 6YR outage - SSEC4.	OFTO	5d 22h 41m	20475.06
10 August 2025 08:00 Maintenance 6YR outage - SGT1.	OFTO	5d 10h 17m	18695.66
01 August 2025 00:00 SSEC3 Stage 4 repair.	OFTO	29d 15h 53m	102155.26
11 November 2025 04:06 SSEC3 warranty period testing.	OFTO	0d 12h 48m	1836.80
19 November 2025 04:05 GT5 & GT7, SGT1 trip, SVC trips.	OFTO	0d 04h 56m	1415.87
07 March 2026 09:30 GT6 circuit-breaker under voltage trip.	OFTO	1d 07h 26m	4525.92
Total			386,310.71

BBEC Thanet

Outage Date and Time	Reason	Days, Hours and Mins	MWh
07 September 2025 07:08 132kV GT1 Fault earth lead works.	OFTO	2d 10h 56m	8840.00
19 September 2025 11:05 132kV GT2 Fault earth lead works.	OFTO	0d 06h 35m	987.50
Total			9827.50

BBEC Humber Gateway

Outage Date and Time	Reason	Days, Hours and Mins	MWh
19 January 2026 00:07 1M5 33kV OFTO CB cable earth fault.	OFTO	12d 23h 52m	33987.16
01 February 2026 00:00 1M5 33kV OFTO CB cable earth fault.	OFTO	9d 15h 47m	25272.50
Total			59259.66

West of Duddon Sands

Outage Date and Time	Reason	Days, Hours and Mins	MWh
05 May 2025 04:46 Circuit 1 maintenance.	OFTO	3d 15h 31m	14458.00
22 September 2025 10:32 Filter compound weeding and CB280 interlock update.	OFTO	0d 04h 16m	705.00
Total			15,163.00

DTP Burbo Bank Extension

Outage Date and Time	Reason	Days, Hours and Mins	MWh
None		0d 00h 00m	0.00
Total			0.00

DTP Race Bank

Outage Date and Time	Reason	Days, Hours and Mins	MWh
19 June 2025 15:10 6 yearly maintenance.	OFTO	0d 13h 21m	3738.00
17 July 2025 10:00 6 yearly maintenance.	OFTO	0d 12h 40m	3547.00
Total			7,285.00

DTP Galloper

Outage Date and Time	Reason	Days, Hours and Mins	MWh
None		0d 00h 00m	0.00
Total			0.00

DTP Walney Extension

Outage Date and Time	Reason	Days, Hours and Mins	MWh
None		0d 00h 00m	0.00
Total			0.00

DTP Hornsea One

Outage Date and Time	Reason	Days, Hours and Mins	MWh
16 July 2025 09:56 Cable remediation.	OFTO	3d 03h 43m	23691.90
Total			23,691.90

DTP Hornsea Two

Outage Date and Time	Reason	Days, Hours and Mins	MWh
03 April 2025 07:45 Circuit 2 export cable fault.	OFTO	93d 19h 45m	744801.00
01 October 2025 06:59 Z01 SR1 cable remediation.	OFTO	2d 09h 09m	18859.90
06 October 2025 10:42 Z11 GT2 cable remediation.	OFTO	2d 00h 32m	1081.21
08 October 2025 11:14 Z11 GT1 cable remediation.	OFTO	2d 04h 56m	644.57
10 October 2025 06:08 Z11 GT5 cable remediation.	OFTO	0d 10h 21m	230.57
11 October 2025 06:04 Z11 GT6 cable remediation.	OFTO	0d 08h 40m	193.07
12 December 2025 15:51 Z11 GT1 Generator led outage.	OFTO	0d 00h 09m	3.34
Total			765,813.67

This glossary provides explanations and definitions for common terms used throughout this report.

System Availability

System availability is reduced whenever a circuit is taken out of operation for either planned purposes or following a fault.

Planned outages are required for system construction and new user connections in addition to the maintenance necessary to retain a high level of system reliability to ensure that licence standards of security are met.

System Availability is calculated by the formula:

$$\left(\frac{\text{The sum for all circuits of hours available}}{(\text{No. of circuits}) \times (\text{No. of hours in period})} \right) \times 100\%$$

A circuit is defined as equipment on the transmission system, e.g. overhead line, transformer or cable which either connects two bussing points or connects two or more circuit breakers/disconnectors, excluding busbars.

Winter Peak Availability is defined as the average System Availability over the three months of December, January and February.

Reactive Compensation Equipment Availability

System reactive compensation equipment availability is calculated in terms of the summation of the availabilities of individual reactive compensation equipment on the main interconnected transmission system expressed as a percentage of the total capability of reactive compensation equipment.

Reactive compensation equipment is defined as all shunt reactive compensation equipment including but not limited to mechanically switched capacitors, shunt reactors, SVCs, dynamic reactive compensators and synchronous condensers.

$$\text{System availability} = \left(\frac{\text{Total MVarh* system is capable of delivering} - \text{MVarh* unavailable}}{\text{Total MVarh* system is capable of delivering}} \right)$$

*meaning absolute value

System Unavailability

System Unavailability is calculated by the formula:

$$(100 - \text{Availability}) \%$$

Unavailability falls into 4 categories, 3 of which are planned and the other unplanned:

Maintenance Outages

are planned outages required for maintenance;

System Construction Outages

are planned outages required to construct or modify assets which are not provided for the exclusive benefit of specific users;

User Connection Outages are planned outages required to construct or modify assets which are provided to facilitate connection for the exclusive benefit of specific system users; and

Unplanned Unavailability is due to outages occurring as a result of plant or equipment failure, i.e. outages required and taken at less than 24 hours' notice.

Offshore System Availability

OFTO availability is calculated using the formula:

$$\left(\frac{\text{Total MWh system is capable of delivering} - \text{MWh unavailable}}{\text{Total MWh system is capable of delivering}} \right) \times 100\%$$

NETS Grid Code and NETS Security and Quality of Supply Standard

The NETS Grid Code and NETS Security and Quality of Supply Standard (NETS SQSS) define the required security level to which the system is planned. The required security level at a substation increases with the amount of demand connected to the substation and so the planned level of demand security is normally higher for 400kV and 275kV transmission voltages than for 132kV. Additionally, the 132kV network is, in parts, less interconnected than the higher voltage systems and so losses of 132kV transmission circuits (for example due to weather related transient faults) are more likely to lead to temporary losses of supply.

Loss of Supply Incidents

A loss of supply incident is defined as any incident on the transmission system that results in an actual unsupplied energy incident to a customer or customers including pumped storage units operating in pump mode.

All transmission system incidents that resulted in a loss of supplies are reported individually giving the date, time and location of the event, duration, demand lost, an estimate of unsupplied energy and relevant factual information relating to the event.

Since 1st April 2013, loss of supply incidents is governed by the Energy Not Supplied (ENS) scheme. The scheme aims to incentivise the Transmission Licensees to minimise the impact of any loss of supply to their customers, that is, to restore supplies as soon as possible after an incident.

Loss of Supply Incidents – Incentivised

An Incentivised loss of supply event is an event on the Licensee's Transmission System that causes electricity not to be supplied to a customer, subject to the exclusions defined in the Special Conditions of the Transmission Licence.

Loss of Supply Incidents – Non-Incentivised

The Non-Incentivised category covers loss of supply incidents that are less than 3 minutes in duration, the energy not supplied is calculated and recorded but not included in the incentivised energy not supplied figure and is reported separately. The Non-Incentivised category also applies to connection arrangements that are chosen by the customer and often have a level of design and operational security below that normally required to satisfy the NETS SQSS. This may be reflected in a reduced cost of the connection. In some cases, customers have also chosen to secure their supplies using their own generation to compensate for this reduced level of transmission security. Loss of supply initiated on a DNO network are not included within this category.

Overall Reliability of Supply

The Overall Reliability of Supply for a transmission system is calculated using the formula:

$$\left[1 - \left(\frac{\text{Estimated Unsupplied Energy}}{\text{Total energy that would have been supplied by the transmission system}} \right) \right] \times 100\%$$

Voltage Excursions

The Electricity Safety, Quality and Continuity Regulations 2002 permit variations of voltage not exceeding 10% above and below the nominal at voltages of 132kV and above and not exceeding 6% at lower voltages. Any voltage excursions in excess of 15 minutes will be reported.

The NETS Grid Code reflects these limits and imposes a further constraint for the 400kV system in that voltages can only exceed +5% for a maximum of 15 minutes.

Consumers may expect the voltage to remain within these limits, except under abnormal conditions e.g. a system fault outside of the limits specified in the NETS SQSS.

Normal operational limits are agreed and monitored individually at connection points with customers to ensure that voltage limits are not exceeded following the specified credible fault events described in NETS SQSS.

Frequency Excursions

The Electricity Safety, Quality and Continuity Regulations 2002 permit variations in frequency not exceeding 1% above and below 50Hz: a range of 49.5 to 50.5Hz. Any frequency excursions outside these limits for 60 seconds or more will be reported.

The system is normally managed such that frequency is maintained within operational limits of 49.8 and 50.2Hz.

Frequency may, however, move outside these limits under fault conditions or when abnormal changes to operating conditions occur. Losses of generation between 1320 and 1800MW are considered abnormal and a maximum frequency change of 0.8Hz may occur, although operation is managed so that the frequency should return within the lower statutory limit of 49.5Hz within 60 seconds.

