



SONI Monthly Availability Report – Jan 2024

Availability report for January 2024¹

Definitions

Availability: The maximum generation of electricity which generators can achieve during that period.

Forced: For any reduction in **Availability** not approved in advance with the Generation Outage Planning Team (GOP) (including trips, outage overruns, urgent repairs, partial outages etc..).

Scheduled: Scheduled generator outage approved by the SONI GOP.

Ambient: Derating of generator capacity due to a change in temperature conditions.

Maximum Export Capacity (MEC): The value (in MW and/or MVA) provided in accordance with the User's **Connection Agreement** or DNO Demand Customer's DNO **Connection Agreement**.

Connection Agreement: The bilateral agreement between the TSO and the User, which contains the detail specific to the User's connection to the Transmission System.

Demand Side Unit (DSU): An individual demand site or aggregated demand site with a **DSU MW Capacity** of at least 4 MW.

DSU MW Capacity: The maximum change in active power that can be achieved by a DSU on a sustained basis for the duration of the DSU's maximum down time by totalling the potential increase in on-site active power generation and the potential decrease in on-site active power demand at each individual demand site.

Average Monthly Availability: Average **Availability** over the past month.

365-day Rolling Availability: Average **Availability** over the past year.

HOW TO CONTACT US

General Queries

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¹ Based on EDIL (Electronic Dispatch Instruction Logger) declarations.

Whilst it strives to ensure as high a level of accuracy as possible, SONI makes no warranties or representations of any kind with respect to the content of this report (including without limitation its quality, accuracy, and completeness.) and SONI accepts no liability for any reliance on the information presented here.

Table 1: Unit-by-Unit Average Monthly Availability Conventional Units & Aggregated Generator Units – January 2024

| Unit-by-Unit Average Monthly Availability – January 2024 | | | | | | |
|--|---------------------|----------|------------------------|------------------|---------------------|-------------------|
| Company | Unit | MEC (MW) | Monthly Availability % | Monthly Forced % | Monthly Scheduled % | Monthly Ambient % |
| EPUK | Ballylumford - B10 | 101 | 92.6 | 0.1 | 0.0 | 7.4 |
| | Ballylumford - B21 | 247 | 98.0 | 0.8 | 0.0 | 1.2 |
| | Ballylumford - B22 | 247 | 98.7 | 0.1 | 0.0 | 1.2 |
| | Ballylumford - BGT1 | 58 | 100.0 | 0.0 | 0.0 | 0.0 |
| | Ballylumford - BGT2 | 58 | 99.9 | 0.1 | 0.0 | 0.0 |
| | Kilroot - KGT1 | 30 | 96.7 | 0.0 | 3.3 | 0.0 |
| | Kilroot - KGT2 | 30 | 96.7 | 3.3 | 0.0 | 0.0 |
| | Kilroot - KGT3 | 42 | 97.6 | 2.4 | 0.0 | 0.0 |
| | Kilroot - KGT4 | 42 | 97.6 | 2.4 | 0.0 | 0.0 |
| Contour Global | AGU - CGA | 12.1 | 39.6 | 60.4 | 0.0 | 0.0 |
| ESB | Coolkeeragh - C30 | 425 | 92.5 | 0.0 | 0.0 | 7.5 |
| | Coolkeeragh - CG8 | 53 | 49.1 | 50.9 | 0.0 | 0.0 |
| Empower | AGU - EMP | 12.8 | 100.0 | 0.0 | 0.0 | 0.0 |
| Evermore | Lisahally - LPS | 18 | 87.7 | 12.3 | 0.0 | 0.0 |
| Ipower | AGU | 57.7 | 83.3 | 16.7 | 0.0 | 0.0 |

Table 2: Unit-by-Unit Average Monthly Availability Demand Side Units – January 2024

| Unit-by-Unit Average Monthly DSU Availability – January 2024 | | | |
|--|------|-----------------|------------------------|
| Company | Unit | DSU MW Capacity | Monthly Availability % |
| AC Auto NI | ACA | 7.6 | 75.0 |
| AE_DSU_NI | AEA | 8.4 | 0.0 |
| Energy Trading Ireland | ETB | 5.0 | 16.5 |
| | ETC | 4.5 | 0.0 |
| | ETD | 5.1 | 1.0 |
| | ETR | 4.0 | 5.9 |
| Electricity Exchange NI | VN1 | 6.8 | 13.2 |
| Endeco Technologies | ECA | 21.8 | 15.1 |
| | ECB | 6.3 | 36.2 |
| Powerhouse Ltd | PH1 | 19.5 | 5.8 |
| | PH2 | 13.5 | 29.2 |
| Ipower | ID1 | 4.7 | 20.0 |
| | ID2 | 5.2 | 36.9 |

Table 3: NI System Total Average Monthly Availability – January 2024

| | Monthly Availability % | Monthly Forced % | Monthly Scheduled % | Monthly Ambient % |
|--|------------------------|------------------|---------------------|-------------------|
| NI Conventional Total Average Availability | 88.7 | 10.0 | 0.2 | 1.2 |
| NI DSU Total Average Availability | 19.6 | N/A | N/A | N/A |

Table 4: Unit-by-Unit 365 Day Rolling Availability Conventional Units & Aggregated Generator Units – 1st February 2023 to 31st January 2024

| Unit-by-Unit 365 Day Rolling Availability – January 2024 | | | | | | |
|--|---------------------|----------|-----------------------|-----------------|--------------------|------------------|
| Company | Unit | MEC (MW) | Annual Availability % | Annual Forced % | Annual Scheduled % | Annual Ambient % |
| EPUK | Ballylumford - B10 | 101 | 88.0 | 0.9 | 4.3 | 6.9 |
| | Ballylumford - B21 | 247 | 88.2 | 1.1 | 9.1 | 1.5 |
| | Ballylumford - B22 | 247 | 88.5 | 0.5 | 9.4 | 1.6 |
| | Ballylumford - BGT1 | 58 | 76.2 | 23.8 | 0.0 | 0.0 |
| | Ballylumford - BGT2 | 58 | 97.6 | 2.4 | 0.0 | 0.0 |
| | Kilroot - KGT1 | 30 | 93.6 | 5.7 | 0.8 | 0.0 |
| | Kilroot - KGT2 | 30 | 87.0 | 12.0 | 1.0 | 0.0 |
| | Kilroot - KGT3 | 42 | 89.9 | 10.0 | 0.1 | 0.0 |
| | Kilroot - KGT4 | 42 | 68.4 | 31.6 | 0.0 | 0.0 |
| Contour Global | AGU - CGA | 12.084 | 55.4 | 43.4 | 1.3 | 0.0 |
| ESB | Coolkeeragh - C30 | 425 | 67.0 | 26.0 | 1.3 | 5.6 |
| | Coolkeeragh - CG8 | 53 | 77.7 | 20.6 | 1.7 | 0.0 |
| Empower | AGU - EMP | 12.755 | 100.0 | 0.0 | 0.0 | 0.0 |
| Evermore | Lisahally - LPS | 18 | 81.3 | 18.5 | 0.3 | 0.0 |
| Ipower | AGU | 57.717 | 82.4 | 17.6 | 0.0 | 0.0 |

Table 5: Unit-by-Unit 365 Day Rolling Availability Demand Side Units – 1st February 2023 to 31st January 2024

| Unit-by-Unit 365 Day Rolling DSU Availability – January 2024 | | | |
|--|------|-----------------|------------------------|
| Company | Unit | DSU MW Capacity | Monthly Availability % |
| AC Auto NI | ACA | 7.6 | 75.0 |
| AE_DSU_NI | AEA | 8.4 | 32.1 |
| Energy Trading Ireland | ETB | 5.0 | 19.4 |
| | ETC | 4.5 | 0.0 |
| | ETD | 5.1 | 2.8 |
| | ETR | 4.0 | 8.0 |
| Electricity Exchange NI | VN1 | 6.8 | 2.2 |
| Endeco Technologies | ECA | 21.8 | 19.4 |
| | ECB | 6.3 | 32.7 |
| Powerhouse Ltd | PH1 | 19.5 | 21.8 |
| | PH2 | 13.5 | 31.7 |
| Ipower | ID1 | 4.7 | 20.0 |
| | ID2 | 5.2 | 29.2 |

Table 6: 365 Day Rolling NI System Total Average Availability – 1st February 2023 to 31st January 2024

| | Annual Availability % | Annual Forced % | Annual Scheduled % | Annual Ambient % |
|--|-----------------------|-----------------|--------------------|------------------|
| NI Conventional Total Average Availability | 82.7 | 14.3 | 2.0 | 1.0 |
| NI DSU Total Average Availability | 22.6 | N/A | N/A | N/A |

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