



SONI Monthly Availability Report – Jan 2023

Availability report for January 2023¹

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.

Table 1: Unit-by-Unit Average Monthly Availability Conventional Units & Aggregated Generator Units – January 2023

Unit-by-Unit Average Monthly Availability – January 2023						
Company	Unit	MEC (MW)	Monthly Availability %	Monthly Forced %	Monthly Scheduled %	Monthly Ambient %
EPUK	Ballylumford - B10	101	93.9	0.0	0.0	6.1
	Ballylumford - B21	247	98.2	0.3	0.0	1.4
	Ballylumford - B22	247	87.2	1.9	9.5	1.4
	Ballylumford - BGT1	58	4.0	96.0	0.0	0.0
	Ballylumford - BGT2	58	87.8	12.2	0.0	0.0
	Kilroot - KGT1	30	96.7	3.3	0.0	0.0
	Kilroot - KGT2	30	96.7	3.3	0.0	0.0
	Kilroot - KGT3	42	88.4	11.6	0.0	0.0
	Kilroot - KGT4	42	92.9	7.1	0.0	0.0
	Kilroot - KPS1 Coal	175	68.8	31.2	0.0	0.0
	Kilroot - KPS1 Oil	256	92.7	7.3	0.0	0.0
	Kilroot - KPS2 Coal	175	55.1	44.9	0.0	0.0
	Kilroot - KPS2 Oil	258	73.0	27.0	0.0	0.0
	Contour Global	AGU - CGA	12.1	74.3	25.7	0.0
ESB	Coolkeeragh - C30	425	91.9	1.0	0.0	7.1
	Coolkeeragh - CG8	53	100.0	0.0	0.0	0.0
Empower	AGU - EMP	12.8	100.0	0.0	0.0	0.0
Evermore	Lisahally - LPS	18	88.5	11.5	0.0	0.0
Ipower	AGU	57.7	87.9	12.1	0.0	0.0

Table 2: Unit-by-Unit Average Monthly Availability Demand Side Units – January 2023

Unit-by-Unit Average Monthly DSU Availability – January 2023			
Company	Unit	DSU MW Capacity	Monthly Availability %
AC Auto NI	ACA	7.625	75.0
AE_DSU_NI	AEA	8.387	20.7
Energy Trading Ireland	ETB	4.966	18.2
	ETC	4.525	0.0
	ETD	5.133	2.7
	ETR	4.037	6.8
Electricity Exchange NI	VN1	6.774	0.9
Endeco Technologies	ECA	21.811	14.9
	ECB	6.267	19.2
Powerhouse Ltd	PH1	19.517	29.1
	PH2	13.528	23.2
Ipower	ID1	4.706	20.0
	ID2	5.22	22.5

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 3: NI System Total Average Monthly Availability – January 2023

	Monthly Availability %	Monthly Forced %	Monthly Scheduled %	Monthly Ambient %
NI Conventional Total Average Availability	83.0	15.6	0.5	0.8
NI DSU Total Average Availability	19.5	N/A	N/A	N/A

Table 4: Unit-by-Unit 365 Day Rolling Availability Conventional Units & Aggregated Generator Units – 1st February 2022 to 31st January 2023

Unit-by-Unit 365 Day Rolling Availability – January 2023						
Company	Unit	MEC (MW)	Annual Availability %	Annual Forced %	Annual Scheduled %	Annual Ambient %
EPUK	Ballylumford - B10	101	89.1	1.4	1.2	8.4
	Ballylumford - B21	247	92.6	0.7	3.7	3.0
	Ballylumford - B22	247	92.7	0.6	3.6	3.0
	Ballylumford - BGT1	58	25.4	58.1	16.4	0.0
	Ballylumford - BGT2	58	93.6	6.4	0.1	0.0
	Kilroot - KGT1	30	93.6	5.3	1.1	0.0
	Kilroot - KGT2	30	86.7	8.3	5.0	0.0
	Kilroot - KGT3	42	80.9	16.0	3.1	0.0
	Kilroot - KGT4	42	79.3	19.0	1.7	0.0
	Kilroot - KPS1	256	49.0	46.9	4.2	0.0
	Kilroot - KPS2	258	27.5	40.0	32.5	0.0
	Contour Global	AGU - CGA	12.084	78.1	21.9	0.0
ESB	Coolkeeragh - C30	425	86.4	1.7	5.3	6.7
	Coolkeeragh - CG8	53	96.5	0.9	2.6	0.0
Empower	AGU - EMP	12.755	97.8	0.0	2.2	0.0
Evermore	Lisahally - LPS	18	79.8	20.2	0.0	0.0
lpower	AGU	57.717	87.9	12.1	0.0	0.0

Table 5: Unit-by-Unit 365 Day Rolling Availability Demand Side Units – 1st February 2022 to 31st January 2023

Unit-by-Unit 365 Day Rolling DSU Availability – January 2023			
Company	Unit	DSU MW Capacity	Monthly Availability %
AC Auto NI	ACA	7.625	75.0
AE_DSU_NI	AEA	8.387	39.2
Energy Trading Ireland	ETB	4.966	15.5
	ETC	4.525	0.0
	ETD	5.133	2.5
	ETR	4.037	13.4
Electricity Exchange NI	VN1	6.774	3.5
Endeco Technologies	ECA	21.811	27.8
	ECB	6.267	6.3
Powerhouse Ltd	PH1	19.517	29.5
	PH2	13.528	30.9
lpower	ID1	4.706	20.0
	ID2	5.22	24.2

Table 6: 365 Day Rolling NI System Total Average Availability – 1st February 2022 to 31st January 2023

	Annual Availability %	Annual Forced %	Annual Scheduled %	Annual Ambient %
NI Conventional Total Average Availability	78.6	15.3	4.9	1.2
NI DSU Total Average Availability	22.1	N/A	N/A	N/A

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