



SONI Monthly Availability Report – Dec 2023

Availability report for December 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 – December 2023

Unit-by-Unit Average Monthly Availability – December 2023						
Company	Unit	MEC (MW)	Monthly Availability %	Monthly Forced %	Monthly Scheduled %	Monthly Ambient %
EPUK	Ballylumford - B10	101	92.6	0.1	0.0	7.3
	Ballylumford - B21	247	98.0	0.8	0.0	1.2
	Ballylumford - B22	247	98.7	0.1	0.0	1.1
	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	41.1	59.0	0.0	0.0
ESB	Coolkeeragh - C30	425	92.6	0.0	0.0	7.4
	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	87.9	12.1	0.0	0.0
Ipower	AGU	57.7	83.2	16.8	0.0	0.0

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

Unit-by-Unit Average Monthly DSU Availability – December 2023			
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	1.2
	ETR	4.0	6.2
Electricity Exchange NI	VN1	6.8	12.7
Endeco Technologies	ECA	21.8	14.8
	ECB	6.3	17.8
Powerhouse Ltd	PH1	19.5	5.8
	PH2	13.5	29.1
Ipower	ID1	4.7	20.0
	ID2	5.2	36.9

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 – December 2023

	Monthly Availability %	Monthly Forced %	Monthly Scheduled %	Monthly Ambient %
NI Conventional Total Average Availability	88.8	9.9	0.2	1.1
NI DSU Total Average Availability	18.2	N/A	N/A	N/A

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

Unit-by-Unit 365 Day Rolling Availability – December 2023						
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	1.4	8.9	1.5
	Ballylumford - B22	247	88.5	0.5	9.4	1.6
	Ballylumford - BGT1	58	76.0	24.0	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	89.8	9.4	0.8	0.0
	Kilroot - KGT4	42	68.4	31.6	0.0	0.0
Contour Global	AGU - CGA	12.084	55.5	43.2	1.3	0.0
ESB	Coolkeeragh - C30	425	67.0	26.0	1.3	5.6
	Coolkeeragh - CG8	53	77.9	20.5	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 January 2023 to 31st December 2023

Unit-by-Unit 365 Day Rolling DSU Availability – December 2023			
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	2.1
Endeco Technologies	ECA	21.8	19.4
	ECB	6.3	18.9
Powerhouse Ltd	PH1	19.5	21.9
	PH2	13.5	31.7
Ipower	ID1	4.7	20.0
	ID2	5.2	29.1

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

	Annual Availability %	Annual Forced %	Annual Scheduled %	Annual Ambient %
NI Conventional Total Average Availability	82.7	14.2	2.0	1.0
NI DSU Total Average Availability	21.6	N/A	N/A	N/A