



SONI Monthly Availability Report – May 2023

Availability report for May 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 – May 2023

Unit-by-Unit Average Monthly Availability – May 2023						
Company	Unit	MEC (MW)	Monthly Availability %	Monthly Forced %	Monthly Scheduled %	Monthly Ambient %
EPUK	Ballylumford - B10	101	92.9	0.0	0.0	7.1
	Ballylumford - B21	247	97.6	0.0	0.0	2.4
	Ballylumford - B22	247	97.6	0.0	0.0	2.3
	Ballylumford - BGT1	58	97.6	2.3	0.1	0.0
	Ballylumford - BGT2	58	100.0	0.0	0.0	0.0
	Kilroot - KGT1	30	95.8	2.8	1.4	0.0
	Kilroot - KGT2	30	95.8	2.8	1.4	0.0
	Kilroot - KGT3	42	89.7	10.3	0.0	0.0
	Kilroot - KGT4	42	0.0	100.0	0.0	0.0
	Kilroot - KPS1 Coal	175	48.4	0.0	51.6	0.0
	Kilroot - KPS1 Oil	256	63.8	0.2	36.0	0.0
	Kilroot - KPS2 Coal	175	38.6	61.4	0.0	0.0
	Kilroot - KPS2 Oil	258	40.5	59.5	0.0	0.0
Contour Global	AGU - CGA	12.1	60.0	40.0	0.0	0.0
ESB	Coolkeeragh - C30	425	25.6	65.6	6.5	2.4
	Coolkeeragh - CG8	53	99.4	0.0	0.6	0.0
Empower	AGU - EMP	12.8	100.0	0.0	0.0	0.0
Evermore	Lisahally - LPS	18	88.1	11.9	0.0	0.0
Ipower	AGU	57.7	87.8	12.2	0.0	0.0

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

Unit-by-Unit Average Monthly DSU Availability – May 2023			
Company	Unit	DSU MW Capacity	Monthly Availability %
AC Auto NI	ACA	7.6	75.0
AE_DSU_NI	AEA	8.4	45.4
Energy Trading Ireland	ETB	5.0	20.8
	ETC	4.5	0.0
	ETD	5.1	2.6
	ETR	4.0	8.5
Electricity Exchange NI	VN1	6.8	0.0
Endeco Technologies	ECA	21.8	19.1
	ECB	6.3	20.0
Powerhouse Ltd	PH1	19.5	29.3
	PH2	13.5	32.2
Ipower	ID1	4.7	20.0
	ID2	5.2	25.5

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Table 3: NI System Total Average Monthly Availability – May 2023

	Monthly Availability %	Monthly Forced %	Monthly Scheduled %	Monthly Ambient %
NI Conventional Total Average Availability	74.7	19.4	5.1	0.7
NI DSU Total Average Availability	22.9	N/A	N/A	N/A

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

Unit-by-Unit 365 Day Rolling Availability – May 2023						
Company	Unit	MEC (MW)	Annual Availability %	Annual Forced %	Annual Scheduled %	Annual Ambient %
EPUK	Ballylumford - B10	101	86.8	1.2	4.7	7.4
	Ballylumford - B21	247	94.5	0.9	2.0	2.5
	Ballylumford - B22	247	93.2	0.6	3.7	2.5
	Ballylumford - BGT1	58	18.9	73.1	8.0	0.0
	Ballylumford - BGT2	58	94.7	5.3	0.0	0.0
	Kilroot - KGT1	30	92.4	6.8	0.8	0.0
	Kilroot - KGT2	30	88.1	7.7	4.2	0.0
	Kilroot - KGT3	42	85.3	13.5	1.2	0.0
	Kilroot - KGT4	42	61.6	37.7	0.7	0.0
	Kilroot - KPS1	256	59.3	33.5	7.2	0.0
	Kilroot - KPS2	258	42.5	33.8	23.7	0.0
	Contour Global	AGU - CGA	12.084	73.6	26.4	0.0
ESB	Coolkeeragh - C30	425	80.2	7.0	6.0	6.8
	Coolkeeragh - CG8	53	98.8	0.2	1.0	0.0
Empower	AGU - EMP	12.755	100.0	0.0	0.0	0.0
Evermore	Lisahally - LPS	18	79.3	20.7	0.0	0.0
lpower	AGU	57.717	88.9	11.1	0.0	0.0

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

Unit-by-Unit 365 Day Rolling DSU Availability – May 2023			
Company	Unit	DSU MW Capacity	Monthly Availability %
AC Auto NI	ACA	7.6	75.0
AE_DSU_NI	AEA	8.4	38.5
Energy Trading Ireland	ETB	5.0	18.4
	ETC	4.5	0.0
	ETD	5.1	2.7
	ETR	4.0	11.5
Electricity Exchange NI	VN1	6.8	3.1
Endeco Technologies	ECA	21.8	22.9
	ECB	6.3	12.9
Powerhouse Ltd	PH1	19.5	29.5
	PH2	13.5	31.5
lpower	ID1	4.7	20.0
	ID2	5.2	22.5

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

	Annual Availability %	Annual Forced %	Annual Scheduled %	Annual Ambient %
NI Conventional Total Average Availability	78.7	16.4	3.7	1.1
NI DSU Total Average Availability	22.2	N/A	N/A	N/A

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