



SONI Monthly Availability Report – August 2024

Availability report for August 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.

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

Unit-by-Unit Average Monthly Availability – August 2024						
Company	Unit	MEC (MW)	Monthly Availability %	Monthly Forced %	Monthly Scheduled %	Monthly Ambient %
EPUK	Ballylumford - B10	101	20.4	37.0	40.2	2.5
	Ballylumford - B21	247	0.0	100.0	0.0	0.0
	Ballylumford - B22	247	94.0	0.0	0.0	6.0
	Ballylumford - BGT1	58	100.0	0.0	0.0	0.0
	Ballylumford - BGT2	58	100.0	0.0	0.0	0.0
	Kilroot - KGT1	29	90.5	9.5	0.0	0.0
	Kilroot - KGT2	29	100.0	0.0	0.0	0.0
	Kilroot - KGT3	42	88.9	11.1	0.0	0.0
	Kilroot - KGT4	42	95.3	4.7	0.0	0.0
	Kilroot - KGT6	320	82.0	18.0	0.0	0.0
	Kilroot - KGT7	320	17.1	82.9	0.0	0.0
	Contour Global	AGU - CGA	12.1	62.8	37.2	0.0
ESB	Coolkeeragh - C30	425	82.1	9.1	0.0	8.8
	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	78.9	21.1	0.0	0.0
lpower	AGU	62.6	64.1	35.9	0.0	0.0

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

Unit-by-Unit Average Monthly DSU Availability – August 2024			
Company	Unit	DSU MW Capacity	Monthly Availability %
AC Auto NI	ACA	7.6	75.0
AE_DSU_NI	AEA	2.6	0.0
Energy Trading Ireland	ETB	5.5	1.7
	ETC	4.0	0.0
	ETD	6.1	2.2
	ETE	5.0	16.4
	ETF	5.1	24.3
	ETR	4.0	5.9
Electricity Exchange NI	VN1	6.7	14.6
Endeco Technologies	ECA	24.3	25.0
	ECB	8.9	62.8
Powerhouse Ltd	PH1	13.2	8.7
	PH2	13.6	29.8
lpower	ID1	4.3	22.6
	ID2	5.4	26.4
	ID3	9.9	54.7

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: Unit-by-Unit Average Monthly Availability Batteries – August 2024

Unit-by-Unit Average Monthly Availability – August 2024					
Company	Unit	MEC (MW)	Monthly Availability %	Monthly Forced %	Monthly Scheduled %
Belfast Bat	CSB	50	100	0	0
Electroroute	KEB	50	96.4	3.7	0
Statkr MG NI	DK1	50	97	3.1	0
Statkr MG NI	MZ1	50	95.5	4.5	0

Table 4: NI System Total Average Monthly Availability – August 2024

	Monthly Availability %	Monthly Forced %	Monthly Scheduled %	Monthly Ambient %
NI Conventional Total Average Availability	72.1	24.6	2.4	1.0
NI DSU Total Average Availability	21.0	N/A	N/A	N/A
NI Battery Total Average Availability	97.2	2.8	0.0	N/A

Table 5: Unit-by-Unit 365 Day Rolling Availability Conventional Units & Aggregated Generator Units – 1st August 2023 to 31st July 2024

Unit-by-Unit 365 Day Rolling Availability – August 2024						
Company	Unit	MEC (MW)	Annual Availability %	Annual Forced %	Annual Scheduled %	Annual Ambient %
EPUK	Ballylumford - B10	101	64.0	5.6	24.9	5.5
	Ballylumford - B21	247	81.8	11.2	5.0	2.0
	Ballylumford - B22	247	91.9	0.5	5.3	2.3
	Ballylumford - BGT1	58	99.9	0.0	0.1	0.0
	Ballylumford - BGT2	58	99.9	0.1	0.0	0.0
	Kilroot - KGT1	29	94.2	3.6	2.3	0.0
	Kilroot - KGT2	29	88.8	11.2	0.0	0.0
	Kilroot - KGT3	42	92.2	7.8	0.0	0.0
	Kilroot - KGT4	42	89.9	10.2	0.0	0.0
	Kilroot - KGT6	320	23.3	75.8	0.9	0.0
	Kilroot - KGT7	320	17.1	82.9	0.0	0.0
Contour Global	AGU - CGA	12.084	52.4	46.3	1.3	0.0
ESB	Coolkeeragh - C30	425	89.4	1.3	1.4	7.9
	Coolkeeragh - CG8	53	57.6	38.5	3.9	0.0
Empower	AGU - EMP	12.755	100.0	0.0	0.0	0.0
Evermore	Lisahally - LPS	18	80.5	15.5	4.0	0.0
lpower	AGU	62.6	75.9	24.1	0.0	0.0

Table 6: Unit-by-Unit 365 Day Rolling Availability Demand Side Units – 1st August 2023 to 31st July 2024

Unit-by-Unit 365 Day Rolling DSU Availability – August 2024			
Company	Unit	DSU MW Capacity	Monthly Availability %
AC Auto NI	ACA	7.6	75.0
AE_DSU_NI	AEA	8.4	4.0
Energy Trading Ireland	ETB	5.0	9.3
	ETC	4.5	0.0
	ETD	5.1	2.1
	ETF	6.0	14.3
	ETE	5.0	16.3
	ETR	4.0	6.5
Electricity Exchange NI	VN1	6.8	9.4
Endeco Technologies	ECA	21.8	21.2
	ECB	8.9	41.0
Powerhouse Ltd	PH1	19.5	7.6
	PH2	13.5	30.9
lpower	ID1	4.7	20.6
	ID2	5.2	34.0
	ID3	6.0	55.8

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Table 7: 365 Day Rolling NI System Total Average Availability – 1st August 2023 to 31st July 2024

	Annual Availability %	Annual Forced %	Annual Scheduled %	Annual Ambient %
NI Conventional Total Average Availability	76.4	19.7	2.9	1.0
NI DSU Total Average Availability	19.5	N/A	N/A	N/A