



SONI Monthly Availability Report – December 2024

Revision 1 as of 28th January 2025

Availability report for December 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.

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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 2024

Unit-by-Unit Average Monthly Availability – December 2024						
Company	Unit	MEC (MW)	Monthly Availability %	Monthly Forced %	Monthly Scheduled %	Monthly Ambient %
EPUK	Ballylumford - B10	101	19.5	79.2	0.0	1.3
	Ballylumford - B21	247	20.3	79.2	0.0	0.6
	Ballylumford - B22	247	20.3	79.2	0.0	0.6
	Ballylumford - BGT1	58	89.8	10.2	0.0	0.0
	Ballylumford - BGT2	58	86.4	13.6	0.0	0.0
	Kilroot - KGT1	29	99.6	0.4	0.0	0.0
	Kilroot - KGT2	29	100.0	0.0	0.0	0.0
	Kilroot - KGT3	42	98.7	1.3	0.0	0.0
	Kilroot - KGT4	42	100.0	0.0	0.0	0.0
	Kilroot - KGT6	320	98.9	1.1	0.0	0.0
	Kilroot - KGT7	320	96.4	3.6	0.0	0.0
	Contour Global	AGU - CGA	12.1	20.5	79.5	0.0
ESB	Coolkeeragh - C30	425	93.5	0.0	0.0	6.5
	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	84.5	15.5	0.0	0.0
Ipower	AGU	62.6	69.2	30.8	0.0	0.0

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

Unit-by-Unit Average Monthly DSU Availability – December 2024			
Company	Unit	DSU MW Capacity	Monthly Availability %
AC Auto NI	ACA	7.6	75.0
AE_DSU_NI	AEA	2.0	0.0
Energy Trading Ireland	ETB	4.5	0.5
	ETC	4.0	0.0
	ETD	6.1	1.2
	ETE	5.1	16.7
	ETF	5.0	32.3
	ETR	4.0	3.7
Electricity Exchange NI	VN1	7.5	0.0
Endeco Technologies	ECA	24.3	13.6
	ECB	8.9	58.3
Powerhouse Ltd	PH1	13.2	9.5
	PH2	13.9	29.5
Ipower	ID1	6.2	14.4
	ID2	5.4	32.6
	ID3	9.9	33.6

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 – December 2024

Unit-by-Unit Average Monthly Availability – December 2024						
Company	Unit	MEC (MW)	Monthly Availability %	Monthly Forced %	Monthly Scheduled %	Monthly Ambient %
Belfast Bat	CSB	50	99.69	0	0.31	
Electroroute	KEB	50	100	0	0	
Heron Storage	BLD	12	75.5	24.5	0	
Statkr MG NI	DK1	50	98.17	1.83	0	
Statkr MG NI	MZ1	50	98.54	1.46	0	

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

	Monthly Availability %	Monthly Forced %	Monthly Scheduled %	Monthly Ambient %
NI Conventional Total Average Availability	76.3	23.1	0.0	0.5
NI DSU Total Average Availability	21.8	N/A	N/A	N/A
NI Battery Total Average Availability	94.2	5.7	0.1	N/A

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

Unit-by-Unit 365 Day Rolling Availability – December 2024						
Company	Unit	MEC (MW)	Annual Availability %	Annual Forced %	Annual Scheduled %	Annual Ambient %
EPUK	Ballylumford - B10	101	57.4	13.8	24.1	4.8
	Ballylumford - B21	247	59.9	37.5	0.8	1.8
	Ballylumford - B22	247	86.3	10.4	0.6	2.7
	Ballylumford - BGT1	58	97.8	0.9	1.3	0.0
	Ballylumford - BGT2	58	98.7	1.3	0.0	0.0
	Kilroot - KGT1	29	93.8	3.6	2.6	0.0
	Kilroot - KGT2	29	87.6	11.3	1.1	0.0
	Kilroot - KGT3	42	93.9	6.1	0.0	0.0
	Kilroot - KGT4	42	94.8	5.1	0.1	0.0
	Kilroot - KGT6	320	72.0	28.0	0.0	0.0
	Kilroot - KGT7	320	53.4	46.6	0.0	0.0
Contour Global	AGU - CGA	12.084	54.0	44.2	1.8	0.0
ESB	Coolkeeragh - C30	425	87.9	1.4	3.0	7.6
	Coolkeeragh - CG8	53	71.0	26.8	2.3	0.0
Empower	AGU - EMP	12.755	100.0	0.0	0.0	0.0
Evermore	Lisahally - LPS	18	80.0	16.0	4.0	0.0
Ipower	AGU	62.6	72.1	27.9	0.0	0.0

Table 6: Unit-by-Unit 365 Day Rolling Availability Demand Side Units 1st January 2024 to 31st December 2024

Unit-by-Unit 365 Day Rolling DSU Availability – December 2024			
Company	Unit	DSU MW Capacity	Monthly Availability %
AC Auto NI	ACA	7.6	75.0
AE_DSU_NI	AEA	2.0	0.0
Energy Trading Ireland	ETB	4.5	3.8
	ETC	4.0	0.0
	ETD	6.1	1.8
	ETF	5.1	17.1
	ETE	5.0	16.3
	ETR	4.0	5.3
Electricity Exchange NI	VN1	7.5	10.1
Endeco Technologies	ECA	24.3	21.9
	ECB	8.9	58.3
Powerhouse Ltd	PH1	13.2	7.6
	PH2	13.9	29.5
Ipower	ID1	6.2	19.2
	ID2	5.4	33.9
	ID3	9.9	49.4

Table 7: 365 Day Rolling NI System Total Average Availability – 1st January 2024 to 31st December 2024

	Annual Availability %	Annual Forced %	Annual Scheduled %	Annual Ambient %
NI Conventional Total Average Availability	80.0	16.5	2.5	1.0
NI DSU Total Average Availability	19.4	N/A	N/A	N/A