



SONI Monthly Availability Report – Apr 2024

Availability report for April 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 – April 2024

Unit-by-Unit Average Monthly Availability – April 2024						
Company	Unit	MEC (MW)	Monthly Availability %	Monthly Forced %	Monthly Scheduled %	Monthly Ambient %
EPUK	Ballylumford - B10	101	92.2	0.0	0.0	7.8
	Ballylumford - B21	247	97.1	0.7	0.0	2.2
	Ballylumford - B22	247	97.1	0.5	0.0	2.3
	Ballylumford - BGT1	58	100.0	0.0	0.0	0.0
	Ballylumford - BGT2	58	100.0	0.0	0.0	0.0
	Kilroot - KGT1	30	96.7	0.0	3.3	0.0
	Kilroot - KGT2	30	99.3	0.7	0.0	0.0
	Kilroot - KGT3	42	90.4	9.6	0.0	0.0
	Kilroot - KGT4	42	90.4	9.6	0.0	0.0
Contour Global	AGU - CGA	12.1	53.1	47.0	0.0	0.0
ESB	Coolkeeragh - C30	425	86.6	0.4	5.9	7.0
	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	76.0	24.0	0.0	0.0
lpower	AGU	57.7	79.7	20.3	0.0	0.0

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

Unit-by-Unit Average Monthly DSU Availability – April 2024			
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	0.9
	ETC	4.5	0.0
	ETD	5.1	2.5
	ETF	6.0	0.0
	ETR	4.0	4.2
Electricity Exchange NI	VN1	6.8	13.7
Endeco Technologies	ECA	21.8	20.1
	ECB	6.3	35.5
Powerhouse Ltd	PH1	19.5	7.6
	PH2	13.5	30.5
lpower	ID1	4.7	20.0
	ID2	5.2	33.7
	ID3	6.0	50.2

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Table 3: NI System Total Average Monthly Availability – April 2024

	Monthly Availability %	Monthly Forced %	Monthly Scheduled %	Monthly Ambient %
NI Conventional Total Average Availability	90.6	7.5	0.6	1.3
NI DSU Total Average Availability	17.4	N/A	N/A	N/A

Table 4: Unit-by-Unit 365 Day Rolling Availability Conventional Units & Aggregated Generator Units – 1st May 2023 to 30th April 2024

Unit-by-Unit 365 Day Rolling Availability – April 2024						
Company	Unit	MEC (MW)	Annual Availability %	Annual Forced %	Annual Scheduled %	Annual Ambient %
EPUK	Ballylumford - B10	101	89.4	2.0	0.9	7.7
	Ballylumford - B21	247	88.0	1.0	9.1	1.9
	Ballylumford - B22	247	88.4	0.4	9.2	2.0
	Ballylumford - BGT1	58	99.7	0.3	0.0	0.0
	Ballylumford - BGT2	58	98.6	1.4	0.0	0.0
	Kilroot - KGT1	30	94.3	3.9	1.8	0.0
	Kilroot - KGT2	30	87.2	12.5	0.3	0.0
	Kilroot - KGT3	42	91.3	8.7	0.0	0.0
	Kilroot - KGT4	42	77.7	22.3	0.0	0.0
Contour Global	AGU - CGA	12.084	47.1	51.7	1.3	0.0
ESB	Coolkeeragh - C30	425	66.8	25.8	1.7	5.7
	Coolkeeragh - CG8	53	69.5	28.8	1.7	0.0
Empower	AGU - EMP	12.755	100.0	0.0	0.0	0.0
Evermore	Lisahally - LPS	18	83.9	15.8	0.3	0.0
lpower	AGU	57.717	80.5	19.5	0.0	0.0

Table 5: Unit-by-Unit 365 Day Rolling Availability Demand Side Units – 1st May 2023 to 30th April 2024

Unit-by-Unit 365 Day Rolling DSU Availability – April 2024			
Company	Unit	DSU MW Capacity	Monthly Availability %
AC Auto NI	ACA	7.6	75.0
AE_DSU_NI	AEA	8.4	20.2
Energy Trading Ireland	ETB	5.0	15.9
	ETC	4.5	0.0
	ETD	5.1	2.5
	ETF	6.0	2.3
	ETR	4.0	7.1
Electricity Exchange NI	VN1	6.8	5.8
Endeco Technologies	ECA	21.8	20.3
	ECB	6.3	32.9
Powerhouse Ltd	PH1	19.5	14.6
	PH2	13.5	32.1
lpower	ID1	4.7	20.0
	ID2	5.2	34.4
	ID3	6.0	58.0

Table 6: 365 Day Rolling NI System Total Average Availability – 1st May 2023 to 30th April 2024

	Annual Availability %	Annual Forced %	Annual Scheduled %	Annual Ambient %
NI Conventional Total Average Availability	84.2	13.0	1.7	1.2
NI DSU Total Average Availability	20.2	N/A	N/A	N/A

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