



## SONI Monthly Availability Report – Oct 2023

Availability report for October 2023<sup>1</sup>

### 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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<sup>1</sup> Based on EDIL (Electronic Dispatch Instruction Logger) declarations.

**Table 1: Unit-by-Unit Average Monthly Availability Conventional Units & Aggregated Generator Units – October 2023**

Unit-by-Unit Average Monthly Availability – October 2023 <sup>2</sup>						
Company	Unit	MEC (MW)	Monthly Availability %	Monthly Forced %	Monthly Scheduled %	Monthly Ambient %
EPUK	Ballylumford - B10	101	92.3	2.1	0.0	5.6
	Ballylumford - B21	247	85.9	1.2	11.7	1.3
	Ballylumford - B22	247	74.5	3.0	21.6	1.0
	Ballylumford - BGT1	58	100.0	0.0	0.0	0.0
	Ballylumford - BGT2	58	99.8	0.2	0.0	0.0
	Kilroot - KGT1	30	95.5	4.5	0.0	0.0
	Kilroot - KGT2	30	96.7	3.3	0.0	0.0
	Kilroot - KGT3	42	95.6	4.4	0.0	0.0
	Kilroot - KGT4	42	83.4	16.6	0.0	0.0
Contour Global	AGU - CGA	18	88.0	12.0	0.0	0.0
ESB	Coolkeeragh - C30	57.7	74.4	25.6	0.0	0.0
	Coolkeeragh - CG8	101	92.3	2.1	0.0	5.6
Empower	AGU - EMP	247	85.9	1.2	11.7	1.3
Evermore	Lisahally - LPS	247	74.5	3.0	21.6	1.0
Ipower	AGU	58	100.0	0.0	0.0	0.0

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

Unit-by-Unit Average Monthly DSU Availability – October 2023			
Company	Unit	DSU MW Capacity	Monthly Availability %
AC Auto NI	ACA	7.6	75.0
AE_DSU_NI	AEA	8.4	2.5
Energy Trading Ireland	ETB	5.0	20.0
	ETC	4.5	0.0
	ETD	5.1	3.1
	ETR	4.0	8.7
Electricity Exchange NI	VN1	6.8	0.0
Endeco Technologies	ECA	21.8	20.0
	ECB	6.3	18.0
Powerhouse Ltd	PH1	19.5	6.5
	PH2	13.5	37.9
Ipower	ID1	4.7	20.0
	ID2	5.2	33.3

<sup>2</sup> Kilroot units KPS1 and KPS2 have been decommissioned as of October 2023 and will no longer be included.

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 – October 2023**

	Monthly Availability %	Monthly Forced %	Monthly Scheduled %	Monthly Ambient %
NI Conventional Total Average Availability	83.6	11.2	4.1	1.1
NI DSU Total Average Availability	18.8	N/A	N/A	N/A

**Table 4: Unit-by-Unit 365 Day Rolling Availability Conventional Units & Aggregated Generator Units – 1<sup>st</sup> November 2022 to 31<sup>st</sup> October 2023**

Unit-by-Unit 365 Day Rolling Availability – October 2023						
Company	Unit	MEC (MW)	Annual Availability %	Annual Forced %	Annual Scheduled %	Annual Ambient %
EPUK	Ballylumford - B10	101	87.3	1.7	4.3	6.7
	Ballylumford - B21	247	87.3	1.2	10.0	1.6
	Ballylumford - B22	247	86.9	0.7	10.8	1.6
	Ballylumford - BGT1	58	60.7	39.3	0.0	0.0
	Ballylumford - BGT2	58	97.2	2.8	0.0	0.0
	Kilroot - KGT1	30	94.0	5.6	0.4	0.0
	Kilroot - KGT2	30	87.2	11.8	1.0	0.0
	Kilroot - KGT3	42	89.6	9.5	0.9	0.0
	Kilroot - KGT4	42	67.0	33.0	0.1	0.0
Contour Global	AGU - CGA	12.084	58.3	40.5	1.3	0.0
ESB	Coolkeeragh - C30	425	66.9	26.1	1.4	5.6
	Coolkeeragh - CG8	53	86.7	12.0	1.3	0.0
Empower	AGU - EMP	12.755	100.0	0.0	0.0	0.0
Empower	Lisahally - LPS	18	79.3	20.4	0.3	0.0
lpower	AGU	57.717	83.5	16.5	0.0	0.0

**Table 5: Unit-by-Unit 365 Day Rolling Availability Demand Side Units – 1<sup>st</sup> November 2022 to 31<sup>st</sup> October 2023**

Unit-by-Unit 365 Day Rolling DSU Availability – October 2023			
Company	Unit	DSU MW Capacity	Monthly Availability %
AC Auto NI	ACA	7.6	75.0
AE_DSU_NI	AEA	8.4	39.4
Energy Trading Ireland	ETB	5.0	19.1
	ETC	4.5	0.0
	ETD	5.1	2.9
	ETR	4.0	8.3
Electricity Exchange NI	VN1	6.8	1.3
Endeco Technologies	ECA	21.8	19.4
	ECB	6.3	18.9
Powerhouse Ltd	PH1	19.5	25.8
	PH2	13.5	31.7
lpower	ID1	4.7	20.0
	ID2	5.2	26.7

**Table 6: 365 Day Rolling NI System Total Average Availability – 1<sup>st</sup> November 2022 to 31<sup>st</sup> October 2023**

	Annual Availability %	Annual Forced %	Annual Scheduled %	Annual Ambient %
<b>NI Conventional Total Average Availability</b>	82.1	14.7	2.1	1.0
<b>NI DSU Total Average Availability</b>	22.2	N/A	N/A	N/A