



## SONI Monthly Availability Report – Jul 2023

Availability report for July 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 – July 2023**

Unit-by-Unit Average Monthly Availability – July 2023						
Company	Unit	MEC (MW)	Monthly Availability %	Monthly Forced %	Monthly Scheduled %	Monthly Ambient %
EPUK	Ballylumford - B10	101	91.2	0.0	0.0	8.8
	Ballylumford - B21	247	76.7	2.0	18.4	3.0
	Ballylumford - B22	247	89.3	0.7	6.2	3.9
	Ballylumford - BGT1	58	100.0	0.0	0.0	0.0
	Ballylumford - BGT2	58	85.8	14.3	0.0	0.0
	Kilroot - KGT1	30	96.7	3.3	0.0	0.0
	Kilroot - KGT2	30	62.2	37.8	0.0	0.0
	Kilroot - KGT3	42	90.5	9.5	0.0	0.0
	Kilroot - KGT4	42	97.6	2.4	0.0	0.0
	Kilroot - KPS1 Coal	175	37.8	62.2	0.0	0.0
	Kilroot - KPS1 Oil	256	52.6	47.5	0.0	0.0
	Kilroot - KPS2 Coal	175	22.5	77.5	0.0	0.0
	Kilroot - KPS2 Oil	258	32.2	67.8	0.0	0.0
Contour Global	AGU - CGA	12.1	46.1	53.9	0.0	0.0
ESB	Coolkeeragh - C30	425	0.0	100.0	0.0	0.0
	Coolkeeragh - CG8	53	71.8	28.2	0.0	0.0
Empower	AGU - EMP	12.8	100.0	0.0	0.0	0.0
Evermore	Lisahally - LPS	18	88.8	11.2	0.0	0.0
Ipower	AGU	57.7	77.8	22.2	0.0	0.0

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

Unit-by-Unit Average Monthly DSU Availability – July 2023			
Company	Unit	DSU MW Capacity	Monthly Availability %
AC Auto NI	ACA	7.6	75.0
AE_DSU_NI	AEA	8.4	52.7
Energy Trading Ireland	ETB	5.0	19.6
	ETC	4.5	0.0
	ETD	5.1	3.1
	ETR	4.0	5.5
Electricity Exchange NI	VN1	6.8	0.0
Endeco Technologies	ECA	21.8	23.6
	ECB	6.3	18.6
Powerhouse Ltd	PH1	19.5	29.5
	PH2	13.5	32.1
Ipower	ID1	4.7	20.0
	ID2	5.2	33.3

*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 – July 2023**

	Monthly Availability %	Monthly Forced %	Monthly Scheduled %	Monthly Ambient %
NI Conventional Total Average Availability	69.4	28.4	1.3	0.8
NI DSU Total Average Availability	24.1	N/A	N/A	N/A

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

Unit-by-Unit 365 Day Rolling Availability – July 2023						
Company	Unit	MEC (MW)	Annual Availability %	Annual Forced %	Annual Scheduled %	Annual Ambient %
EPUK	Ballylumford - B10	101	87.8	1.2	3.8	7.3
	Ballylumford - B21	247	93.1	0.9	3.6	2.4
	Ballylumford - B22	247	92.8	0.6	4.2	2.4
	Ballylumford - BGT1	58	35.5	64.5	0.0	0.0
	Ballylumford - BGT2	58	94.2	5.8	0.0	0.0
	Kilroot - KGT1	30	91.7	7.8	0.5	0.0
	Kilroot - KGT2	30	87.4	11.5	1.1	0.0
	Kilroot - KGT3	42	83.7	15.1	1.2	0.0
	Kilroot - KGT4	42	58.1	41.2	0.7	0.0
	Kilroot - KPS1	256	57.0	28.3	14.7	0.0
	Kilroot - KPS2	258	47.7	45.3	7.0	0.0
	Contour Global	AGU - CGA	12.084	65.9	34.1	0.0
ESB	Coolkeeragh - C30	425	65.8	23.4	5.4	5.4
	Coolkeeragh - CG8	53	96.4	2.6	1.0	0.0
Empower	AGU - EMP	12.755	100.0	0.0	0.0	0.0
Evermore	Lisahally - LPS	18	77.6	22.1	0.3	0.0
lpower	AGU	57.717	86.8	13.2	0.0	0.0

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

Unit-by-Unit 365 Day Rolling DSU Availability – July 2023			
Company	Unit	DSU MW Capacity	Monthly Availability %
AC Auto NI	ACA	7.6	75.0
AE_DSU_NI	AEA	8.4	40.6
Energy Trading Ireland	ETB	5.0	18.6
	ETC	4.5	0.0
	ETD	5.1	3.0
	ETR	4.0	10.0
Electricity Exchange NI	VN1	6.8	2.0
Endeco Technologies	ECA	21.8	21.2
	ECB	6.3	16.0
Powerhouse Ltd	PH1	19.5	29.2
	PH2	13.5	31.2
lpower	ID1	4.7	20.0
	ID2	5.2	24.1

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

	Annual Availability %	Annual Forced %	Annual Scheduled %	Annual Ambient %
<b>NI Conventional Total Average Availability</b>	77.7	18.7	2.6	1.0
<b>NI DSU Total Average Availability</b>	22.4	N/A	N/A	N/A