



## SONI Monthly Availability Report – July 2022

Availability report for July 2022<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 2022**

Unit-by-Unit Average Monthly Availability – July 2022						
Company	Unit	MEC (MW)	Monthly Availability %	Monthly Forced %	Monthly Scheduled %	Monthly Ambient %
EPUK	Ballylumford - B10	94	90.1	0.0	0.0	10.0
	Ballylumford - B21	249	93.2	2.3	0.2	4.4
	Ballylumford - B22	249	94.5	0.8	0.0	4.7
	Ballylumford - BGT1	58	0.0	100.0	0.0	0.0
	Ballylumford - BGT2	58	95.1	4.9	0.0	0.0
	Kilroot - KGT1	29	96.7	0.0	3.3	0.0
	Kilroot - KGT2	29	96.7	0.0	3.3	0.0
	Kilroot - KGT3	42	100.0	0.0	0.0	0.0
	Kilroot - KGT4	42	75.6	24.4	0.0	0.0
	Kilroot - KPS1 Coal	175	52.3	47.7	0.0	0.0
	Kilroot - KPS1 Oil	256	34.2	63.5	0.0	0.0
	Kilroot - KPS2 Coal	175	0.0	0.0	100.0	0.0
	Kilroot - KPS2 Oil	258	0.0	0.0	100.0	0.0
Contour Global	AGU - CGA	12.1	92.3	7.7	0.0	0.0
ESB	Coolkeeragh - C30	408	84.1	0.3	7.1	8.5
	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	88.9	11.1	0.0	0.0
Ipower	AGU	57.7	92.9	7.1	0.0	0.0

**Table 2: Unit-by-Unit Average Monthly Availability Demand Side Units – July 2022**

Unit-by-Unit Average Monthly DSU Availability – July 2022			
Company	Unit	DSU MW Capacity	Monthly Availability %
AC Auto NI	ACA	7.6	75.0
AE_DSU_NI	AEA	8.4	23.4
Energy Trading Ireland	ETB	5.0	16.8
	ETC	4.5	0.0
	ETD	5.1	1.2
	ETR	4.0	15.9
Electricity Exchange NI	VN1	6.8	14.2
Endeco Technologies	ECA	21.8	26.7
	ECB	6.3	0.0
Powerhouse Ltd	PH1	19.5	30.3
	PH2	13.5	32.1
Ipower	ID1	4.7	0.0
	ID2	5.2	22.6

*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: NI System Total Average Monthly Availability – July 2022**

	Monthly Availability %	Monthly Forced %	Monthly Scheduled %	Monthly Ambient %
NI Conventional Total Average Availability	73.0	14.2	11.3	1.5
NI DSU Total Average Availability	19.9	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 2021 to 31<sup>st</sup> July 2022**

Unit-by-Unit 365 Day Rolling Availability – July 2022						
Company	Unit	MEC (MW)	Annual Availability %	Annual Forced %	Annual Scheduled %	Annual Ambient %
EPUK	Ballylumford - B10	94	87.3	1.3	1.7	9.7
	Ballylumford - B21	249	92.4	1.3	1.7	4.6
	Ballylumford - B22	249	93.8	0.6	1.1	4.6
	Ballylumford - BGT1	58	70.8	11.6	17.7	0.0
	Ballylumford - BGT2	58	96.1	2.6	1.2	0.0
	Kilroot - KGT1	29	87.9	1.4	10.7	0.0
	Kilroot - KGT2	29	85.2	6.9	7.9	0.0
	Kilroot - KGT3	42	87.3	9.5	3.2	0.0
	Kilroot - KGT4	42	92.2	6.6	1.2	0.0
	Kilroot - KPS1	256	67.2	31.4	1.5	0.0
	Kilroot - KPS2	258	41.4	28.6	30.1	0.0
	Contour Global	AGU - CGA	12.084	94.5	5.5	0.0
ESB	Coolkeeragh - C30	408	75.7	1.2	18.4	4.8
	Coolkeeragh - CG8	53	97.2	1.1	1.7	0.0
Empower	AGU - EMP	12.755	90.5	0.0	9.5	0.0
Evermore	Lisahally - LPS	18	82.5	17.5	0.0	0.0
lpower	AGU	57.717	83.7	16.4	0.0	0.0

**Table 5: Unit-by-Unit 365 Day Rolling Availability Demand Side Units – 1<sup>st</sup> August 2021 to 31<sup>st</sup> July 2022**

Unit-by-Unit 365 Day Rolling DSU Availability – July 2022			
Company	Unit	DSU MW Capacity	Monthly Availability %
AC Auto NI	ACA	7.6	75.0
AE_DSU_NI	AEA	8.4	41.2
Energy Trading Ireland	ETB	5.0	8.3
	ETC	4.5	0.0
	ETD	5.1	5.0
	ETR	4.0	13.2
Electricity Exchange NI	VN1	6.8	7.6
Endeco Technologies	ECA	21.8	35.0
	ECB	6.3	0.0
Powerhouse Ltd	PH1	19.5	28.5
	PH2	13.5	30.9
lpower	ID1	4.7	0.0
	ID2	5.2	29.0

**Table 6: 365 Day Rolling NI System Total Average Availability – 1<sup>st</sup> August 2021 to 31<sup>st</sup> July 2022**

	Annual Availability %	Annual Forced %	Annual Scheduled %	Annual Ambient %
NI Conventional Total Average Availability	83.9	8.4	6.3	1.4
NI DSU Total Average Availability	21.0	N/A	N/A	N/A