



## SONI Monthly Availability Report – August 2022

Availability report for August 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 – August 2022**

Unit-by-Unit Average Monthly Availability – August 2022						
Company	Unit	MEC (MW)	Monthly Availability %	Monthly Forced %	Monthly Scheduled %	Monthly Ambient %
EPUK	Ballylumford - B10	94	89.7	0.0	0.0	10.3
	Ballylumford - B21	249	95.3	0.0	0.0	4.8
	Ballylumford - B22	249	84.7	1.3	9.7	4.3
	Ballylumford - BGT1	58	0.0	100.0	0.0	0.0
	Ballylumford - BGT2	58	70.0	30.0	0.0	0.0
	Kilroot - KGT1	29	68.6	30.4	1.0	0.0
	Kilroot - KGT2	29	77.3	21.1	1.6	0.0
	Kilroot - KGT3	42	75.7	24.3	0.0	0.0
	Kilroot - KGT4	42	40.3	51.7	8.1	0.0
	Kilroot - KPS1 Coal	175	67.3	32.7	0.0	0.0
	Kilroot - KPS1 Oil	256	46.0	54.0	0.0	0.0
	Kilroot - KPS2 Coal	175	9.9	7.9	82.1	0.0
	Kilroot - KPS2 Oil	258	6.8	10.9	82.3	0.0
Contour Global	AGU - CGA	12.1	92.3	7.7	0.0	0.0
ESB	Coolkeeragh - C30	408	81.9	9.3	0.1	8.8
	Coolkeeragh - CG8	53	98.9	1.1	0.0	0.0
Empower	AGU - EMP	12.8	100.0	0.0	0.0	0.0
Evermore	Lisahally - LPS	18	88.8	11.3	0.0	0.0
lpower	AGU	57.7	87.4	12.6	0.0	0.0

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

Unit-by-Unit Average Monthly DSU Availability – August 2022			
Company	Unit	DSU MW Capacity	Monthly Availability %
AC Auto NI	ACA	7.6	75.0
AE_DSU_NI	AEA	8.4	43.4
Energy Trading Ireland	ETB	5.0	16.7
	ETC	4.5	0.0
	ETD	5.1	3.6
	ETR	4.0	16.6
Electricity Exchange NI	VN1	6.8	0.0
Endeco Technologies	ECA	21.8	26.2
	ECB	6.3	0.0
Powerhouse Ltd	PH1	19.5	26.4
	PH2	13.5	30.7
lpower	ID1	4.7	0.0
	ID2	5.2	23.4

*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 – August 2022**

	Monthly Availability %	Monthly Forced %	Monthly Scheduled %	Monthly Ambient %
NI Conventional Total Average Availability	67.4	21.4	9.7	1.5
NI DSU Total Average Availability	20.2	N/A	N/A	N/A

**Table 4: Unit-by-Unit 365 Day Rolling Availability Conventional Units & Aggregated Generator Units – 1<sup>st</sup> September 2021 to 31<sup>st</sup> August 2022**

Unit-by-Unit 365 Day Rolling Availability – August 2022						
Company	Unit	MEC (MW)	Annual Availability %	Annual Forced %	Annual Scheduled %	Annual Ambient %
EPUK	Ballylumford - B10	94	87.6	1.3	1.7	9.5
	Ballylumford - B21	249	92.9	1.0	1.7	4.4
	Ballylumford - B22	249	93.4	0.4	1.9	4.3
	Ballylumford - BGT1	58	63.5	20.0	16.5	0.0
	Ballylumford - BGT2	58	94.9	4.9	0.2	0.0
	Kilroot - KGT1	29	85.3	4.0	10.8	0.0
	Kilroot - KGT2	29	84.6	8.7	6.8	0.0
	Kilroot - KGT3	42	85.3	11.6	3.2	0.0
	Kilroot - KGT4	42	87.1	11.0	1.9	0.0
	Kilroot - KPS1	256	65.9	34.2	0.0	0.0
	Kilroot - KPS2	258	37.8	28.5	33.7	0.0
Contour Global	AGU - CGA	12.084	94.7	5.4	0.0	0.0
ESB	Coolkeeragh - C30	408	75.2	1.8	18.1	4.9
	Coolkeeragh - CG8	53	97.2	1.1	1.7	0.0
Empower	AGU - EMP	12.755	91.7	0.0	8.3	0.0
Evermore	Lisahally - LPS	18	82.5	17.5	0.0	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> September 2021 to 31<sup>st</sup> August 2022**

Unit-by-Unit 365 Day Rolling DSU Availability – August 2022			
Company	Unit	DSU MW Capacity	Monthly Availability %
AC Auto NI	ACA	7.6	75.0
AE_DSU_NI	AEA	8.4	40.9
Energy Trading Ireland	ETB	5.0	9.6
	ETC	4.5	0.0
	ETD	5.1	4.4
	ETR	4.0	13.6
Electricity Exchange NI	VN1	6.8	7.1
Endeco Technologies	ECA	21.8	33.6
	ECB	6.3	0.0
Powerhouse Ltd	PH1	19.5	28.4
	PH2	13.5	31.0
lpower	ID1	4.7	0.0
	ID2	5.2	28.6

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

	Annual Availability %	Annual Forced %	Annual Scheduled %	Annual Ambient %
<b>NI Conventional Total Average Availability</b>	82.5	9.9	6.3	1.4
<b>NI DSU Total Average Availability</b>	20.9	N/A	N/A	N/A