



## SONI Monthly Availability Report – April 2022

Availability report for April 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

Email: [info@soni.ltd.uk](mailto:info@soni.ltd.uk)

[www.soni.ltd.uk](http://www.soni.ltd.uk)

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

**Table 1: Unit-by-Unit Average Monthly Availability Conventional Units & Aggregated Generator Units – April 2022**

Unit-by-Unit Average Monthly Availability – April 2022						
Company	Unit	MEC (MW)	Monthly Availability %	Monthly Forced %	Monthly Scheduled %	Monthly Ambient %
EPUK	Ballylumford - B10	94	92.5	0.3	0.0	7.3
	Ballylumford - B21	249	87.8	1.0	9.8	1.4
	Ballylumford - B22	249	98.3	0.1	0.0	1.7
	Ballylumford - BGT1	58	100.0	0.0	0.0	0.0
	Ballylumford - BGT2	58	100.0	0.0	0.0	0.0
	Kilroot - KGT1	29	92.7	3.3	4.1	0.0
	Kilroot - KGT2	29	58.0	26.9	15.1	0.0
	Kilroot - KGT3	42	98.1	0.7	1.2	0.0
	Kilroot - KGT4	42	89.0	11.0	0.0	0.0
	Kilroot - KPS1 Coal	175	55.2	44.8	0.0	0.0
	Kilroot - KPS1 Oil	256	38.4	61.6	0.0	0.0
	Kilroot - KPS2 Coal	175	29.1	66.9	5.9	0.0
	Kilroot - KPS2 Oil	258	19.1	77.2	3.8	0.0
Contour Global	AGU - CGA	12.1	93.2	6.8	0.0	0.0
ESB	Coolkeeragh - C30	408	93.7	0.0	0.0	6.3
	Coolkeeragh - CG8	53	80.3	0.4	19.3	0.0
Empower	AGU - EMP	12.8	98.7	0.0	1.3	0.0
Evermore	Lisahally - LPS	18	72.7	27.3	0.0	0.0
Ipower	AGU	57.7	88.8	11.2	0.0	0.0

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

Unit-by-Unit Average Monthly DSU Availability – April 2022			
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	17.9
	ETC	4.5	0.0
	ETD	5.1	2.2
	ETR	4.0	15.2
Electricity Exchange NI	VN1	6.8	2.9
Endeco Technologies	ECA	21.8	31.1
	ECB	6.3	0.0
Powerhouse Ltd	PH1	19.5	27.6
	PH2	13.5	31.1
Ipower	ID1	4.7	0.0
	ID2	5.2	23.4

**Table 3: NI System Total Average Monthly Availability – April 2022**

	Monthly Availability %	Monthly Forced %	Monthly Scheduled %	Monthly Ambient %
NI Conventional Total Average Availability	78.2	17.9	3.2	0.9
NI DSU Total Average Availability	21.5	N/A	N/A	N/A

**Table 4: Unit-by-Unit 365 Day Rolling Availability Conventional Units & Aggregated Generator Units – 1<sup>st</sup> May 2021 to 30<sup>th</sup> April 2022**

Unit-by-Unit 365 Day Rolling Availability – April 2022						
Company	Unit	MEC (MW)	Annual Availability %	Annual Forced %	Annual Scheduled %	Annual Ambient %
EPUK	Ballylumford - B10	94	83.9	2.6	3.5	10.0
	Ballylumford - B21	249	89.9	2.3	2.7	5.2
	Ballylumford - B22	249	90.4	2.7	1.9	5.1
	Ballylumford - BGT1	58	95.8	3.0	1.2	0.0
	Ballylumford - BGT2	58	97.4	1.5	1.2	0.0
	Kilroot - KGT1	29	87.7	1.0	11.3	0.0
	Kilroot - KGT2	29	68.4	6.4	25.3	0.0
	Kilroot - KGT3	42	84.7	12.1	3.3	0.0
	Kilroot - KGT4	42	94.1	4.7	1.2	0.0
	Kilroot - KPS1	256	70.0	26.0	3.7	0.0
	Kilroot - KPS2	258	44.8	29.2	26.0	0.0
Contour Global	AGU - CGA	12.084	95.3	4.7	0.0	0.0
ESB	Coolkeeragh - C30	408	76.8	1.0	18.1	4.1
	Coolkeeragh - CG8	53	95.4	0.3	4.3	0.0
Empower	AGU - EMP	12.755	87.1	0.0	12.9	0.0
Evermore	Lisahally - LPS	18	81.7	18.4	0.0	0.0
Ipower	AGU	57.717	83.1	16.9	0.0	0.0

**Table 5: Unit-by-Unit 365 Day Rolling Availability Demand Side Units – 1<sup>st</sup> May 2021 to 30<sup>th</sup> April 2022**

Unit-by-Unit 365 Day Rolling DSU Availability – April 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	4.7
	ETC	4.5	0.0
	ETD	5.1	6.6
	ETR	4.0	11.7
Electricity Exchange NI	VN1	6.8	7.2
Endeco Technologies	ECA	21.8	34.8
	ECB	6.3	0.0
Powerhouse Ltd	PH1	19.5	29.0
	PH2	13.5	29.9
Ipower	ID1	4.7	0.0
	ID2	5.2	30.9

**Table 6: 365 Day Rolling NI System Total Average Availability – 1<sup>st</sup> May 2021 to 30<sup>th</sup> April 2022**

	Annual Availability %	Annual Forced %	Annual Scheduled %	Annual Ambient %
NI Conventional Total Average Availability	83.9	7.8	6.8	1.4
NI DSU Total Average Availability	20.8	N/A	N/A	N/A

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