



## SONI Monthly Availability Report – Feb 2023

Availability report for February 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

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 – February 2023**

Unit-by-Unit Average Monthly Availability – February 2023						
Company	Unit	MEC (MW)	Monthly Availability %	Monthly Forced %	Monthly Scheduled %	Monthly Ambient %
EPUK	Ballylumford - B10	101	86.0	0.0	9.3	4.7
	Ballylumford - B21	247	98.2	1.0	0.0	0.9
	Ballylumford - B22	247	99.1	0.0	0.0	0.9
	Ballylumford - BGT1	58	0.0	100.0	0.0	0.0
	Ballylumford - BGT2	58	100.0	0.0	0.0	0.0
	Kilroot - KGT1	30	80.3	19.1	0.6	0.0
	Kilroot - KGT2	30	88.0	3.3	8.6	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	53.6	46.4	0.0	0.0
	Kilroot - KPS1 Oil	256	73.3	26.7	0.0	0.0
	Kilroot - KPS2 Coal	175	58.4	41.6	0.0	0.0
	Kilroot - KPS2 Oil	258	78.4	21.6	0.0	0.0
Contour Global	AGU - CGA	12.1	75.6	24.4	0.0	0.0
ESB	Coolkeeragh - C30	425	94.1	0.0	0.0	5.9
	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	87.8	12.2	0.0	0.0

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

Unit-by-Unit Average Monthly DSU Availability – February 2023			
Company	Unit	DSU MW Capacity	Monthly Availability %
AC Auto NI	ACA	7.625	75.0
AE_DSU_NI	AEA	8.387	49.9
Energy Trading Ireland	ETB	4.966	20.5
	ETC	4.525	0.0
	ETD	5.133	4.0
	ETR	4.037	8.3
Electricity Exchange NI	VN1	6.774	10.0
Endeco Technologies	ECA	21.811	22.0
	ECB	6.267	20.8
Powerhouse Ltd	PH1	19.517	29.8
	PH2	13.528	40.3
Ipower	ID1	4.706	20.0
	ID2	5.22	24.6

**Table 3: NI System Total Average Monthly Availability – February 2023**

	Monthly Availability %	Monthly Forced %	Monthly Scheduled %	Monthly Ambient %
NI Conventional Total Average Availability	81.6	16.8	1.0	0.7
NI DSU Total Average Availability	25.0	N/A	N/A	N/A

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

Unit-by-Unit 365 Day Rolling Availability – February 2023						
Company	Unit	MEC (MW)	Annual Availability %	Annual Forced %	Annual Scheduled %	Annual Ambient %
EPUK	Ballylumford - B10	101	89.1	1.0	1.9	8.1
	Ballylumford - B21	247	93.6	0.8	2.9	2.8
	Ballylumford - B22	247	93.0	0.6	3.6	2.8
	Ballylumford - BGT1	58	18.5	65.1	16.4	0.0
	Ballylumford - BGT2	58	94.3	5.7	0.1	0.0
	Kilroot - KGT1	30	92.1	6.8	1.2	0.0
	Kilroot - KGT2	30	85.8	8.6	5.6	0.0
	Kilroot - KGT3	42	85.0	14.5	0.5	0.0
	Kilroot - KGT4	42	80.1	19.2	0.7	0.0
	Kilroot - KPS1	256	49.9	45.9	4.2	0.0
	Kilroot - KPS2	258	29.9	37.6	32.5	0.0
	Contour Global	AGU - CGA	12.084	76.8	23.2	0.0
ESB	Coolkeeragh - C30	425	86.5	1.4	5.2	6.9
	Coolkeeragh - CG8	53	96.5	0.9	2.6	0.0
Empower	AGU - EMP	12.755	99.0	0.0	1.1	0.0
Evermore	Lisahally - LPS	18	80.2	19.8	0.0	0.0
lpower	AGU	57.717	89.1	10.9	0.0	0.0

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

Unit-by-Unit 365 Day Rolling DSU Availability – February 2023			
Company	Unit	DSU MW Capacity	Monthly Availability %
AC Auto NI	ACA	7.625	75.0
AE_DSU_NI	AEA	8.387	39.6
Energy Trading Ireland	ETB	4.966	16.9
	ETC	4.525	0.0
	ETD	5.133	2.7
	ETR	4.037	13.1
Electricity Exchange NI	VN1	6.774	4.3
Endeco Technologies	ECA	21.811	26.4
	ECB	6.267	7.9
Powerhouse Ltd	PH1	19.517	29.6
	PH2	13.528	32.1
lpower	ID1	4.706	20.0
	ID2	5.22	23.5

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

	Annual Availability %	Annual Forced %	Annual Scheduled %	Annual Ambient %
NI Conventional Total Average Availability	78.8	15.4	4.6	1.2
NI DSU Total Average Availability	22.4	N/A	N/A	N/A

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.