

# EirGrid Monthly Availability Report

## January 2023

### Definitions

**Availability:** The maximum generation of electricity which generators can achieve during that period<sup>1</sup>

**Forced:** Any reduction in availability not approved in advance with the EirGrid Generation Outage Planning Team (including trips, outage overruns, urgent repairs, partial outages etc.)

**Scheduled:** Scheduled generator outage approved by EirGrid Generation Outage Planning Team

**Ambient:** Reduction in generator availability due to ambient temperature conditions

**Forced Outage Rate (FOR):**  $\text{Forced \%} / (100\% - \text{Scheduled \%})$

### 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 – January 2023**

Unit-by-Unit Average Monthly Availability – January 2023						
Company	Unit	Capacity	Monthly Availability %	Monthly Forced %	Monthly Scheduled %	Monthly Ambient %
Aughinish Alumina Ltd	Seal Rock - SK3	83	96.4	1.1	0.0	2.6
	Seal Rock - SK4	83	88.6	2.2	8.3	0.9
Bord Gáis	Whitegate - WG1	444	99.1	0.0	0.0	0.9
Dublin Waste to Energy	DWTE - DW1	62	98.3	1.8	0.0	0.0
ESB Energy Ireland	Aghada - AD2	449	66.9	31.6	0.6	0.9
	Aghada - AT1	90	98.9	1.1	0.0	0.0
	Aghada - AT2	90	98.9	1.1	0.0	0.0
	Aghada - AT4	90	98.9	1.1	0.0	0.0
	Ardnacrusha - AA1	21	100.0	0.0	0.0	0.0
	Ardnacrusha - AA2	22	100.0	0.0	0.0	0.0
	Ardnacrusha - AA3	19	99.9	0.0	0.1	0.0
	Ardnacrusha - AA4	24	0.0	100.0	0.0	0.0
	Erne - ER1	10	99.7	0.3	0.1	0.0
	Erne - ER2	10	99.1	0.8	0.1	0.0
	Erne - ER3	23	99.5	0.5	0.0	0.0
	Erne - ER4	23	97.1	3.0	0.0	0.0
	Lee - LE1	15	99.6	0.4	0.0	0.0
	Lee - LE2	4	98.8	1.3	0.0	0.0
	Lee - LE3	8	93.9	6.1	0.0	0.0
	Liffey - LI1	15	100.0	0.0	0.0	0.0
	Liffey - LI2	15	99.9	0.1	0.0	0.0
	Liffey - LI4	4	99.9	0.1	0.0	0.0
	Liffey - LI5	4	100.0	0.0	0.0	0.0
	Moneypoint - MP1	285	66.8	33.2	0.0	0.0
	Moneypoint - MP2	285	79.5	20.5	0.0	0.0
	Moneypoint - MP3	285	81.5	18.5	0.0	0.0
	Poolbeg - PBA	232	99.5	0.5	0.0	0.0
	Poolbeg - PBB	232	99.3	0.7	0.0	0.0
	Turlough Hill - TH1	73	99.3	0.7	0.0	0.0
	Turlough Hill - TH2	73	99.3	0.7	0.0	0.0
	Turlough Hill - TH3	73	99.3	0.7	0.0	0.0
	Turlough Hill - TH4	73	98.6	1.4	0.0	0.0
Edenderry Power Ltd	Edenderry - ED1	118	55.0	45.1	0.0	0.0
	Edenderry - ED3	58	100.0	0.0	0.0	0.0
	Edenderry - ED5	58	100.0	0.0	0.0	0.0
SSE Generation Ireland	Great Island - GI4	464	97.6	1.4	0.0	1.1
	Rhode - RP1	52	100.0	0.0	0.0	0.0
	Rhode - RP2	52	100.0	0.0	0.0	0.0
	Tarbert - TB1	54	0.0	100.0	0.0	0.0
	Tarbert - TB2	54	0.0	100.0	0.0	0.0
	Tarbert - TB3	241	51.9	48.1	0.0	0.0
	Tarbert - TB4	241	0.0	100.0	0.0	0.0
	Tawnaghmore - TP1	52	99.6	0.5	0.0	0.0
	Tawnaghmore - TP3	52	98.4	1.6	0.0	0.0
Indaver	Indaver - IW1	17	99.6	0.4	0.0	0.0
Synergen	Dublin Bay - DB1	415	98.6	0.1	0.0	1.3
Tynagh Energy Ltd	Tynagh - TYC	404	97.1	0.0	0.0	2.9
Viridian	Huntstown - HN2	402	98.8	0.1	0.0	1.1
	Huntstown - HNC	342	97.0	0.0	0.0	3.0

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

<b>Unit-by-Unit Average Monthly Availability – January 2023</b>			
<b>Company</b>	<b>Unit</b>	<b>Capacity</b>	<b>Monthly Availability %</b>
Enel X	Enel X – AE1	87	12.3
	Enel X – AE2	13	37.3
	Enel X – AE3	14	47.7
	Enel X – AE4	16	17.9
	Enel X – AE5	16	0.0
	Enel X - EN1	16	15.0
	Enel X - EN2	17	16.9
	Enel X - EN3	17	26.5
	Enel X - EN4	16	28.7
	Enel X - EN5	6	0.0
	Enel X - EN6	11	35.2
	Enel X - EN8	24	28.3
	Enel X - EN9	16	45.4
	Enel X - EX1	21	4.8
DAE VPP	DAE VPP – DP1	5	0.0
	DAE VPP – DP2	30	14.4
	DAE VPP – DP3	9	0.0
Electricity Exchange Ltd	Electricity Exchange – EE1	65	18.2
	Electricity Exchange – EE2	30	12.2
	Electricity Exchange – EE3	11	13.1
	Electricity Exchange – EE4	13	7.3
	Electricity Exchange – EE5	17	54.8
	Electricity Exchange – EE6	14	11.7
	Electricity Exchange – EE7	7	30.2
	Electricity Exchange – EE8	12	42.5
	Electricity Exchange – EE9	11	24.8
Electric Ireland	Electric Ireland – EI1	17	40.8
Endeco	Endeco 1 – EC1	52	21.0
	Endeco 2 – EC2	12	38.7
	Endeco 3 – EC3	5	46.4
	Endeco 4 - EC4	5	45.7
	Endeco 5 – EC5	21	25.4
Energy Trading Ireland	Energy Trading – ET1	5	0.0
Powerhouse	Powerhouse – PG1	10	25.3

**Table 3: System Total Average Monthly Availability – January 2023**

	<b>Monthly Availability %</b>	<b>Monthly Forced %</b>	<b>Monthly Scheduled %</b>	<b>Monthly Ambient %</b>	<b>Monthly FOR</b>
<b>Conventional Total Average Availability</b>	84.6	14.5	0.2	0.8	14.5
<b>DSU Total Average Availability</b>	21.3	N/A	N/A	N/A	N/A

**Table 4: Unit-by-Unit 365 Day Rolling Availability Conventional Units – February 2022 to January 2023**

Unit-by-Unit 365 Day Rolling Availability – January 2023							
Company	Unit	Capacity	Annual Availability %	Annual Forced %	Annual Scheduled %	Annual Ambient %	
Aughinish Alumina Ltd	Seal Rock - SK3	83	88.9	5.3	1.4	4.4	
	Seal Rock - SK4	83	88.7	5.5	1.9	3.8	
Bord Gáis	Whitegate - WG1	444	91.2	3.4	3.3	2.1	
Dublin Waste to Energy	DWTE - DW1	62	89.5	9.1	1.4	0.0	
ESB Energy Ireland	Aghada - AD2	449	75.1	13.7	9.5	1.7	
	Aghada - AT1	90	96.5	3.2	0.0	0.3	
	Aghada - AT2	90	95.7	3.7	0.0	0.6	
	Aghada - AT4	90	98.1	1.4	0.0	0.5	
	Ardnacrusha - AA1	21	96.1	2.6	1.3	0.0	
	Ardnacrusha - AA2	22	95.6	1.3	3.1	0.0	
	Ardnacrusha - AA3	19	97.6	1.1	1.3	0.0	
	Ardnacrusha - AA4	24	7.2	14.4	78.3	0.0	
	Erne - ER1	10	96.7	2.1	1.2	0.0	
	Erne - ER2	10	96.6	2.2	1.2	0.0	
	Erne - ER3	23	98.7	0.1	1.2	0.0	
	Erne - ER4	23	98.2	0.6	1.2	0.0	
	Lee - LE1	15	95.9	0.2	3.9	0.0	
	Lee - LE2	4	77.2	22.8	0.0	0.0	
	Lee - LE3	8	95.4	1.7	2.8	0.0	
	Liffey - LI1	15	42.9	57.1	0.0	0.0	
	Liffey - LI2	15	98.4	1.4	0.3	0.0	
	Liffey - LI4	4	99.4	0.3	0.3	0.0	
	Liffey - LI5	4	75.2	24.8	0.0	0.0	
	Moneypoint - MP1	285	75.2	18.5	6.3	0.0	
	Moneypoint - MP2	285	26.7	30.8	42.4	0.0	
	Moneypoint - MP3	285	71.0	24.6	4.4	0.0	
	Poolbeg - PBA	232	93.5	3.3	3.1	0.1	
	Poolbeg - PBB	232	92.9	5.2	1.8	0.0	
	Turlough Hill - TH1	73	84.2	2.8	13.0	0.0	
	Turlough Hill - TH2	73	79.9	7.0	13.2	0.0	
	Turlough Hill - TH3	73	78.4	8.3	13.3	0.0	
	Turlough Hill - TH4	73	80.8	5.9	13.3	0.0	
	Edenderry Power Ltd	Edenderry - ED1	118	66.7	22.7	10.6	0.0
		Edenderry - ED3	58	99.2	0.7	0.1	0.0
Edenderry - ED5		58	99.2	0.6	0.1	0.0	
SSE Generation Ireland	Great Island - GI4	464	48.1	36.7	14.2	1.0	
	Rhode - RP1	52	91.9	5.3	2.8	0.0	
	Rhode - RP2	52	95.1	2.0	2.8	0.1	
	Tarbert - TB1	54	0.0	100.0	0.0	0.0	
	Tarbert - TB2	54	0.0	100.0	0.0	0.0	
	Tarbert - TB3	241	54.3	45.2	0.5	0.0	
	Tarbert - TB4	241	0.0	100.0	0.0	0.0	
	Tawnaghmore - TP1	52	96.1	1.9	2.0	0.0	
Tawnaghmore - TP3	52	88.2	11.8	0.0	0.0		
Indaver	Indaver - IW1	17	91.9	2.0	6.1	0.0	
Synergen	Dublin Bay - DB1	415	72.1	21.3	5.6	1.0	
Tynagh Energy Ltd	Tynagh - TYC	404	86.6	5.4	2.8	5.2	
Viridian	Huntstown - HN2	402	96.4	0.6	0.1	2.9	
	Huntstown - HNC	342	89.9	3.3	2.8	4.0	

**Table 5: Unit-by-Unit 365 Day Rolling Availability Demand Side Units – February 2022 to January 2023**

Unit-by-Unit 365 day Rolling Availability – January 2023			
Company	Unit	Capacity	Annual Availability %
Enel X	Enel X – AE1	87	16.5
	Enel X – AE2	13	32.5
	Enel X – AE3	14	46.7
	Enel X – AE4	16	9.5
	Enel X – AE5	16	0.0
	Enel X - EN1	16	12.2
	Enel X - EN2	17	9.0
	Enel X - EN3	17	28.7
	Enel X - EN4	16	22.6
	Enel X - EN5	6	2.7
	Enel X - EN6	11	21.5
	Enel X - EN8	24	32.9
	Enel X - EN9	16	39.5
	Enel X - EX1	21	4.8
DAE VPP	DAE VPP – DP1	5	20.8
	DAE VPP – DP2	30	23.7
	DAE VPP – DP3	9	4.3
Electricity Exchange Ltd	Electricity Exchange – EE1	65	25.3
	Electricity Exchange – EE2	30	20.3
	Electricity Exchange – EE3	11	14.2
	Electricity Exchange – EE4	13	7.4
	Electricity Exchange – EE5	17	54.1
	Electricity Exchange – EE6	14	36.9
	Electricity Exchange – EE7	7	40.4
	Electricity Exchange – EE8	12	15.9
	Electricity Exchange – EE9	11	24.5
Electric Ireland	Electric Ireland – EI1	17	35.7
Endeco	Endeco 1 – EC1	52	25.1
	Endeco 2 – EC2	12	29.9
	Endeco 3 – EC3	5	38.8
	Endeco 4 - EC4	5	50.7
	Endeco 5 – EC5	21	30.6
Energy Trading Ireland	Energy Trading – ET1	5	16.3
Powerhouse	Powerhouse – PG1	10	27.2

**Table 6: 365 Day Rolling System Total Average Availability – February 2022 to January 2023**

	Annual Availability %	Annual Forced %	Annual Scheduled %	Annual Ambient %	Annual FOR
Conventional Total Average Availability	73.8	18.3	6.6	1.3	19.6
DSU Total Average Availability	23.2	N/A	N/A	N/A	N/A