

EirGrid Monthly Availability Report

February 2023

Definitions

Availability: The maximum generation of electricity which generators can achieve during that period¹

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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¹ Based on EDIL (Electronic Dispatch Instruction Logger) declarations



Table 1: Unit-by-Unit Average Monthly Availability Conventional Units – February 2023

Unit-by-Unit Average Monthly Availability – February 2023						
Company	Unit	Capacity	Monthly Availability %	Monthly Forced %	Monthly Scheduled %	Monthly Ambient %
Aughinish Alumina Ltd	Seal Rock - SK3	83	89.4	0.2	9.0	1.5
	Seal Rock - SK4	83	99.2	0.3	0.0	0.6
Bord Gáis	Whitegate - WG1	444	99.7	0.0	0.0	0.4
Dublin Waste to Energy	DWTE - DW1	62	69.2	30.8	0.0	0.0
ESB Energy Ireland	Aghada - AD2	449	99.3	0.0	0.0	0.7
	Aghada - AT1	90	100.0	0.0	0.0	0.0
	Aghada - AT2	90	100.0	0.0	0.0	0.0
	Aghada - AT4	90	100.0	0.0	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	100.0	0.0	0.0	0.0
	Ardnacrusha - AA4	24	0.0	100.0	0.0	0.0
	Erne - ER1	10	99.5	0.0	0.6	0.0
	Erne - ER2	10	99.5	0.0	0.6	0.0
	Erne - ER3	23	100.0	0.0	0.0	0.0
	Erne - ER4	23	100.0	0.0	0.0	0.0
	Lee - LE1	15	84.7	15.4	0.0	0.0
	Lee - LE2	4	84.7	15.4	0.0	0.0
	Lee - LE3	8	100.0	0.0	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	100.0	0.0	0.0	0.0
	Liffey - LI5	4	100.0	0.0	0.0	0.0
	Moneypoint - MP1	285	86.0	14.0	0.0	0.0
	Moneypoint - MP2	285	72.8	22.5	4.7	0.0
	Moneypoint - MP3	285	63.3	36.7	0.0	0.0
	Poolbeg - PBA	232	99.7	0.3	0.0	0.0
	Poolbeg - PBB	232	100.0	0.0	0.0	0.0
	Turlough Hill - TH1	73	99.0	1.0	0.0	0.0
	Turlough Hill - TH2	73	99.0	1.0	0.0	0.0
	Turlough Hill - TH3	73	98.3	1.7	0.0	0.0
	Turlough Hill - TH4	73	98.9	1.1	0.0	0.0
Edenderry Power Ltd	Edenderry - ED1	118	67.4	32.6	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	99.6	0.0	0.0	0.4
	Rhode - RP1	52	100.0	0.0	0.0	0.0
	Rhode - RP2	52	99.9	0.1	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	37.9	62.1	0.0	0.0
	Tarbert - TB4	241	0.0	100.0	0.0	0.0
	Tawnaghmore - TP1	52	100.0	0.0	0.0	0.0
Tawnaghmore - TP3	52	100.0	0.0	0.0	0.0	
Indaver	Indaver - IW1	17	100.0	0.0	0.0	0.0
Synergen	Dublin Bay - DB1	415	83.6	16.0	0.0	0.5
Tynagh Energy Ltd	Tynagh - TYC	404	46.6	52.2	0.0	1.3
Viridian	Huntstown - HN2	402	99.1	0.0	0.0	0.9
	Huntstown - HNC	342	98.1	0.0	0.0	1.9

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

Unit-by-Unit Average Monthly Availability – February 2023			
Company	Unit	Capacity	Monthly Availability %
Enel X	Enel X – AE1	87	18.8
	Enel X – AE2	13	35.9
	Enel X – AE3	14	49.8
	Enel X – AE4	16	16.0
	Enel X – AE5	16	0.0
	Enel X - EN1	16	13.3
	Enel X - EN2	17	15.2
	Enel X - EN3	17	21.7
	Enel X - EN4	16	25.0
	Enel X - EN5	6	1.0
	Enel X - EN6	11	23.9
	Enel X - EN8	24	16.1
	Enel X - EN9	16	60.3
	Enel X - EX1	21	4.8
DAE VPP	DAE VPP – DP1	5	0.0
	DAE VPP – DP2	30	16.7
	DAE VPP – DP3	9	0.0
Electricity Exchange Ltd	Electricity Exchange – EE1	65	20.4
	Electricity Exchange – EE2	30	10.6
	Electricity Exchange – EE3	11	11.7
	Electricity Exchange – EE4	13	6.8
	Electricity Exchange – EE5	17	60.8
	Electricity Exchange – EE6	14	25.4
	Electricity Exchange – EE7	7	38.2
	Electricity Exchange – EE8	12	44.2
	Electricity Exchange – EE9	11	29.5
Electric Ireland	Electric Ireland – EI1	17	21.8
Endeco	Endeco 1 – EC1	52	23.3
	Endeco 2 – EC2	12	35.2
	Endeco 3 – EC3	5	56.3
	Endeco 4 - EC4	5	49.1
	Endeco 5 – EC5	21	25.6
Energy Trading Ireland	Energy Trading – ET1	5	0.0
Powerhouse	Powerhouse – PG1	10	27.2

Table 3: System Total Average Monthly Availability – February 2023

	Monthly Availability %	Monthly Forced %	Monthly Scheduled %	Monthly Ambient %	Monthly FOR
Conventional Total Average Availability	82.2	17.0	0.3	0.4	17.1
DSU Total Average Availability	22.2	N/A	N/A	N/A	N/A

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

Unit-by-Unit 365 Day Rolling Availability – February 2023						
Company	Unit	Capacity	Annual Availability %	Annual Forced %	Annual Scheduled %	Annual Ambient %
Aughinish Alumina Ltd	Seal Rock - SK3	83	88.8	5.3	1.7	4.3
	Seal Rock - SK4	83	88.9	5.5	1.9	3.6
Bord Gáis	Whitegate - WG1	444	92.2	2.4	3.3	2.1
Dublin Waste to Energy	DWTE - DW1	62	87.6	11.0	1.4	0.0
ESB Energy Ireland	Aghada - AD2	449	75.3	13.5	9.5	1.8
	Aghada - AT1	90	96.5	3.2	0.0	0.3
	Aghada - AT2	90	95.8	3.6	0.0	0.6
	Aghada - AT4	90	98.1	1.4	0.0	0.5
	Ardnacrusa - AA1	21	96.1	2.6	1.3	0.0
	Ardnacrusa - AA2	22	96.4	0.4	3.1	0.0
	Ardnacrusa - AA3	19	97.7	1.1	1.2	0.0
	Ardnacrusa - AA4	24	3.1	21.4	75.5	0.0
	Erne - ER1	10	96.8	2.0	1.2	0.0
	Erne - ER2	10	96.6	2.1	1.3	0.0
	Erne - ER3	23	98.8	0.1	1.2	0.0
	Erne - ER4	23	98.3	0.5	1.2	0.0
	Lee - LE1	15	94.8	1.3	3.9	0.0
	Lee - LE2	4	76.1	23.9	0.0	0.0
	Lee - LE3	8	95.5	1.7	2.8	0.0
	Liffey - LI1	15	50.6	49.4	0.0	0.0
	Liffey - LI2	15	98.4	1.4	0.3	0.0
	Liffey - LI4	4	99.7	0.1	0.3	0.0
	Liffey - LI5	4	75.2	24.8	0.0	0.0
	Moneypoint - MP1	285	75.4	18.3	6.3	0.0
	Moneypoint - MP2	285	29.0	28.3	42.8	0.0
	Moneypoint - MP3	285	69.3	26.3	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	84.3	2.7	13.0	0.0
	Turlough Hill - TH2	73	79.8	7.0	13.2	0.0
	Turlough Hill - TH3	73	78.3	8.5	13.3	0.0
	Turlough Hill - TH4	73	80.7	6.0	13.3	0.0
Edenderry Power Ltd	Edenderry - ED1	118	65.7	23.7	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	48.2	36.7	14.2	0.9
	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	50.3	49.2	0.5	0.0
	Tarbert - TB4	241	0.0	100.0	0.0	0.0
	Tawnaghmore - TP1	52	96.6	1.4	2.0	0.0
Tawnaghmore - TP3	52	88.5	11.5	0.0	0.0	
Indaver	Indaver - IW1	17	92.7	1.1	6.1	0.0
Synergen	Dublin Bay - DB1	415	70.9	22.5	5.6	1.0
Tynagh Energy Ltd	Tynagh - TYC	404	84.2	8.0	2.8	5.0
Viridian	Huntstown - HN2	402	96.5	0.6	0.1	2.9
	Huntstown - HNC	342	90.1	3.3	2.7	3.8

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

Unit-by-Unit 365 day Rolling Availability – February 2023			
Company	Unit	Capacity	Annual Availability %
Enel X	Enel X – AE1	87	17.0
	Enel X – AE2	13	32.3
	Enel X – AE3	14	45.6
	Enel X – AE4	16	10.8
	Enel X – AE5	16	0.0
	Enel X - EN1	16	13.2
	Enel X - EN2	17	9.5
	Enel X - EN3	17	25.8
	Enel X - EN4	16	24.5
	Enel X - EN5	6	2.8
	Enel X - EN6	11	22.5
	Enel X - EN8	24	33.9
	Enel X - EN9	16	38.9
	Enel X - EX1	21	4.8
DAE VPP	DAE VPP – DP1	5	14.3
	DAE VPP – DP2	30	22.1
	DAE VPP – DP3	9	4.4
Electricity Exchange Ltd	Electricity Exchange – EE1	65	24.6
	Electricity Exchange – EE2	30	20.0
	Electricity Exchange – EE3	11	13.8
	Electricity Exchange – EE4	13	7.4
	Electricity Exchange – EE5	17	53.7
	Electricity Exchange – EE6	14	35.0
	Electricity Exchange – EE7	7	39.6
	Electricity Exchange – EE8	12	20.8
	Electricity Exchange – EE9	11	25.4
Electric Ireland	Electric Ireland – EI1	17	36.9
Endeco	Endeco 1 – EC1	52	24.3
	Endeco 2 – EC2	12	30.0
	Endeco 3 – EC3	5	41.8
	Endeco 4 - EC4	5	50.4
	Endeco 5 – EC5	21	30.1
Energy Trading Ireland	Energy Trading – ET1	5	14.8
Powerhouse	Powerhouse – PG1	10	26.8

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

	Annual Availability %	Annual Forced %	Annual Scheduled %	Annual Ambient %	Annual FOR
Conventional Total Average Availability	73.6	18.6	6.6	1.2	19.9
DSU Total Average Availability	23.1	N/A	N/A	N/A	N/A