

EirGrid Monthly Availability Report

April 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 – April 2023

Unit-by-Unit Average Monthly Availability – April 2023						
Company	Unit	Capacity	Monthly Availability %	Monthly Forced %	Monthly Scheduled %	Monthly Ambient %
Aughinish Alumina Ltd	Seal Rock - SK3	83	85.3	1.5	9.9	3.3
	Seal Rock - SK4	83	24.1	4.0	71.8	0.2
Bord Gáis	Whitegate - WG1	444	98.8	0.0	0.0	1.2
Dublin Waste to Energy	DWTE - DW1	62	87.8	12.2	0.0	0.0
ESB Energy Ireland	Aghada - AD2	449	69.0	0.6	29.6	0.8
	Aghada - AT1	90	100.0	0.0	0.0	0.0
	Aghada - AT2	90	88.7	3.6	7.7	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	97.9	1.6	0.5	0.0
	Ardnacrusha - AA3	19	99.1	0.9	0.0	0.0
	Ardnacrusha - AA4	24	0.0	100.0	0.0	0.0
	Erne - ER1	10	99.8	0.2	0.0	0.0
	Erne - ER2	10	54.6	0.0	45.4	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	54.6	0.0	45.4	0.0
	Lee - LE2	4	71.0	29.1	0.0	0.0
	Lee - LE3	8	99.9	0.1	0.0	0.0
	Liffey - LI1	15	100.0	0.0	0.0	0.0
	Liffey - LI2	15	100.0	0.0	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	91.3	8.7	0.0	0.0
	Moneypoint - MP2	285	62.1	37.9	0.0	0.0
	Moneypoint - MP3	285	89.6	10.4	0.0	0.0
	Poolbeg - PBA	232	93.5	6.5	0.0	0.0
	Poolbeg - PBB	232	92.5	6.5	1.0	0.0
	Turlough Hill - TH1	73	100.0	0.0	0.0	0.0
	Turlough Hill - TH2	73	100.0	0.0	0.0	0.0
	Turlough Hill - TH3	73	98.9	1.1	0.0	0.0
Turlough Hill - TH4	73	100.0	0.0	0.0	0.0	
Edenderry Power Ltd	Edenderry - ED1	118	75.3	24.7	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	91.6	0.1	7.2	1.2
	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	0.0	100.0	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	78.2	0.6	21.2	0.0
Synergen	Dublin Bay - DB1	415	98.5	0.0	0.0	1.5
Tynagh Energy Ltd	Tynagh - TYC	404	77.4	17.3	0.0	5.3
Viridian	Huntstown - HN2	402	97.6	0.0	0.0	2.4
	Huntstown - HNC	342	72.8	0.1	24.6	2.5

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

Unit-by-Unit Average Monthly Availability – April 2023			
Company	Unit	Capacity	Monthly Availability %
Enel X	Enel X – AE1	87	15.0
	Enel X – AE2	13	32.0
	Enel X – AE3	14	16.3
	Enel X – AE4	16	13.5
	Enel X – AE5	16	0.0
	Enel X - EN1	16	11.2
	Enel X - EN2	17	12.8
	Enel X - EN3	17	20.0
	Enel X - EN4	16	22.0
	Enel X - EN5	6	0.0
	Enel X - EN6	11	16.6
	Enel X - EN8	24	41.7
	Enel X - EN9	16	28.9
	Enel X - EX1	21	4.8
DAE VPP	DAE VPP – DP1	5	52.2
	DAE VPP – DP2	30	20.3
	DAE VPP – DP3	9	20.4
Electricity Exchange Ltd	Electricity Exchange – EE1	65	19.9
	Electricity Exchange – EE2	30	21.0
	Electricity Exchange – EE3	11	9.6
	Electricity Exchange – EE4	13	6.9
	Electricity Exchange – EE5	17	65.0
	Electricity Exchange – EE6	14	35.8
	Electricity Exchange – EE7	7	28.4
	Electricity Exchange – EE8	12	47.7
	Electricity Exchange – EE9	11	32.0
Electric Ireland	Electric Ireland – EI1	17	47.7
Endeco	Endeco 1 – EC1	52	21.0
	Endeco 2 – EC2	12	21.5
	Endeco 3 – EC3	5	51.5
	Endeco 4 - EC4	5	48.1
	Endeco 5 – EC5	21	23.5
Energy Trading Ireland	Energy Trading – ET1	5	0.0
Powerhouse	Powerhouse – PG1	10	30.8

Table 3: System Total Average Monthly Availability – April 2023

	Monthly Availability %	Monthly Forced %	Monthly Scheduled %	Monthly Ambient %	Monthly FOR
Conventional Total Average Availability	78.8	14.7	5.4	1.0	15.6
DSU Total Average Availability	22.4	N/A	N/A	N/A	N/A

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

Unit-by-Unit 365 Day Rolling Availability – April 2023						
Company	Unit	Capacity	Annual Availability %	Annual Forced %	Annual Scheduled %	Annual Ambient %
Aughinish Alumina Ltd	Seal Rock - SK3	83	87.7	5.6	2.5	4.2
	Seal Rock - SK4	83	80.1	5.3	11.3	3.3
Bord Gáis	Whitegate - WG1	444	92.8	1.6	3.3	2.3
Dublin Waste to Energy	DWTE - DW1	62	85.5	13.1	1.4	0.0
ESB Energy Ireland	Aghada - AD2	449	74.1	12.2	11.8	1.9
	Aghada - AT1	90	95.8	4.0	0.0	0.3
	Aghada - AT2	90	94.9	3.9	0.6	0.6
	Aghada - AT4	90	98.1	1.4	0.0	0.5
	Ardnacrusha - AA1	21	97.7	2.2	0.1	0.0
	Ardnacrusha - AA2	22	96.2	0.6	3.2	0.0
	Ardnacrusha - AA3	19	97.6	1.2	1.2	0.0
	Ardnacrusha - AA4	24	0.0	35.7	64.4	0.0
	Erne - ER1	10	97.9	2.0	0.1	0.0
	Erne - ER2	10	92.9	2.1	5.0	0.0
	Erne - ER3	23	98.8	0.1	1.1	0.0
	Erne - ER4	23	98.3	0.5	1.2	0.0
	Lee - LE1	15	91.1	1.3	7.7	0.0
	Lee - LE2	4	80.9	16.0	3.1	0.0
	Lee - LE3	8	96.5	0.7	2.8	0.0
	Liffey - LI1	15	67.3	32.7	0.0	0.0
	Liffey - LI2	15	98.7	1.1	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	79.1	14.6	6.3	0.0
	Moneypoint - MP2	285	31.6	33.3	35.1	0.0
	Moneypoint - MP3	285	70.7	24.9	4.4	0.0
	Poolbeg - PBA	232	93.0	3.8	3.1	0.1
	Poolbeg - PBB	232	92.1	6.0	1.9	0.0
Turlough Hill - TH1	73	84.1	2.9	13.0	0.0	
Turlough Hill - TH2	73	79.8	7.2	13.0	0.0	
Turlough Hill - TH3	73	78.0	8.7	13.3	0.0	
Turlough Hill - TH4	73	80.7	6.1	13.3	0.0	
Edenderry Power Ltd	Edenderry - ED1	118	67.6	23.5	9.0	0.0
	Edenderry - ED3	58	99.2	0.7	0.1	0.0
	Edenderry - ED5	58	99.5	0.4	0.1	0.0
SSE Generation Ireland	Great Island - GI4	464	63.9	20.2	14.8	1.2
	Rhode - RP1	52	91.9	5.3	2.8	0.0
	Rhode - RP2	52	95.2	1.9	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	37.1	62.4	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	94.8	1.5	3.7	0.0
Synergen	Dublin Bay - DB1	415	71.5	21.7	5.6	1.2
Tynagh Energy Ltd	Tynagh - TYC	404	81.9	10.0	2.8	5.3
Viridian	Huntstown - HN2	402	96.5	0.5	0.0	3.0
	Huntstown - HNC	342	88.8	3.3	4.0	3.9

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

Unit-by-Unit 365 day Rolling Availability – April 2023			
Company	Unit	Capacity	Annual Availability %
Enel X	Enel X – AE1	87	16.3
	Enel X – AE2	13	31.8
	Enel X – AE3	14	40.4
	Enel X – AE4	16	9.6
	Enel X – AE5	16	0.0
	Enel X - EN1	16	15.5
	Enel X - EN2	17	11.9
	Enel X - EN3	17	26.6
	Enel X - EN4	16	23.3
	Enel X - EN5	6	2.8
	Enel X - EN6	11	22.9
	Enel X - EN8	24	33.6
	Enel X - EN9	16	44.1
	Enel X - EX1	21	4.8
DAE VPP	DAE VPP – DP1	5	9.1
	DAE VPP – DP2	30	20.2
	DAE VPP – DP3	9	6.0
Electricity Exchange Ltd	Electricity Exchange – EE1	65	23.4
	Electricity Exchange – EE2	30	18.8
	Electricity Exchange – EE3	11	13.2
	Electricity Exchange – EE4	13	7.3
	Electricity Exchange – EE5	17	55.0
	Electricity Exchange – EE6	14	36.4
	Electricity Exchange – EE7	7	37.3
	Electricity Exchange – EE8	12	28.0
	Electricity Exchange – EE9	11	26.6
Electric Ireland	Electric Ireland – EI1	17	40.2
Endeco	Endeco 1 – EC1	52	23.1
	Endeco 2 – EC2	12	30.2
	Endeco 3 – EC3	5	45.1
	Endeco 4 - EC4	5	50.0
	Endeco 5 – EC5	21	27.0
Energy Trading Ireland	Energy Trading – ET1	5	11.4
Powerhouse	Powerhouse – PG1	10	26.2

Table 6: 365 Day Rolling System Total Average Availability – May 2022 to April 2023

	Annual Availability %	Annual Forced %	Annual Scheduled %	Annual Ambient %	Annual FOR
Conventional Total Average Availability	74.2	17.9	6.6	1.3	19.2
DSU Total Average Availability	22.9	N/A	N/A	N/A	N/A