

EirGrid Monthly Availability Report

March 2024

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 – March 2024

Unit-by-Unit Average Monthly Availability						
Company	Unit	Capacity (MW)	Monthly Availability %	Monthly Forced %	Monthly Scheduled %	Monthly Ambient %
Aughinish Alumina Ltd	Seal Rock - SK3	83	83.9	2.3	8.1	5.7
	Seal Rock - SK4	83	93.3	5.2	0.0	1.5
Bord Gáis	Whitegate - WG1	444	98.0	0.0	0.0	2.1
Dublin Waste to Energy	DWTE - DW1	62	25.1	74.9	0.0	0.0
ESB Energy Ireland	Aghada - AD2	449	0.0	100.0	0.0	0.0
	Aghada - AT1	90	100.0	0.0	0.0	0.0
	Aghada - AT2	90	77.8	22.2	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	100.0	0.0	0.0	0.0
	Erne - ER1	10	100.0	0.0	0.0	0.0
	Erne - ER2	10	100.0	0.0	0.0	0.0
	Erne - ER3	23	100.0	0.0	0.0	0.0
	Erne - ER4	23	0.0	100.0	0.0	0.0
	Lee - LE1	15	100.0	0.0	0.0	0.0
	Lee - LE2	4	59.2	6.9	34.0	0.0
	Lee - LE3	8	100.0	0.0	0.0	0.0
	Liffey - LI1	15	74.7	25.3	0.0	0.0
	Liffey - LI2	15	77.8	22.2	0.0	0.0
	Liffey - LI4	4	0.0	100.0	0.0	0.0
	Liffey - LI5	4	100.0	0.0	0.0	0.0
	Moneypoint - MP1	285	69.5	30.5	0.0	0.0
	Moneypoint - MP2	285	57.2	42.8	0.0	0.0
	Moneypoint - MP3	285	58.4	41.6	0.0	0.0
	Poolbeg - PBA	240	99.5	0.5	0.0	0.0
	Poolbeg - PBB	236	99.5	0.5	0.0	0.0
	Turlough Hill - TH1	73	83.2	0.0	16.8	0.0
	Turlough Hill - TH2	73	86.4	0.0	13.6	0.0
	Turlough Hill - TH3	73	83.1	2.5	14.4	0.0
Turlough Hill - TH4	73	82.4	0.0	17.6	0.0	
Edenderry Power Ltd	Edenderry - ED1	118	75.6	14.4	10.0	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	97.7	0.2	0.0	2.1
	Rhode - RP1	52	59.2	0.0	40.8	0.0
	Rhode - RP2	52	59.2	0.5	40.4	0.0
	Tawnaghmore - TP1	52	50.0	50.0	0.0	0.0
	Tawnaghmore - TP3	52	99.8	0.2	0.0	0.0
Indaver	Indaver - IW1	17	100.0	0.0	0.0	0.0
Synergen	Dublin Bay - DB1	415	91.7	6.3	0.3	1.7
Tynagh Energy Ltd	Tynagh - TYC	404	91.3	3.4	0.0	5.4
Viridian	Huntstown - HN2	402	97.1	0.0	0.0	2.9
	Huntstown - HNC	342	95.8	0.1	0.0	4.2
Kelwin	Kelwin – KZ3	2	100.00	0.00	0.00	0.00

Table 2: Unit-by-Unit Average Monthly Availability Demand Side Units – March 2024

Unit-by-Unit Average Monthly Availability			
Company	Unit	Capacity (MW)	Monthly Availability %
Enel X	AE1	83	13.7
	AE2	12	28.8
	AE3	14	56.3
	AE4	16	0.0
	AE5	16	0.0
	EN1	16	0.0
	EN2	17	0.0
	EN3	17	34.7
	EN4	16	36.8
	EN5	6	0.0
	EN6	31	22.5
	EN8	24	26.4
	EN9	16	23.2
	EX1	21	0.0
DAE VPP	DP1	18	38.9
	DP2	20	23.5
	DP3	9	0.0
VIOTAS	EE1	56	19.7
	EE2	28	20.2
	EE3	11	9.0
	EE4	12	7.6
	EE5	12	66.6
	EE6	14	39.1
	EE7	7	31.7
	EE8	17	37.3
	EE9	12	15.7
	VS1	8	25.4
	VS2	11	17.6
Electric Ireland	EI1	14	7.2
Endeco	EC1	52	21.7
	EC2	12	36.0
	EC3	5	39.7
	EC4	5	48.8
	EC5	21	25.1
Energy Trading Ireland	ET1	5	0.0
Powerhouse	PG1	9	24.2
	PG2	6	32.3
Aughinish Alumina	EB1	25	3.7

Table 3: Unit-by-Unit Average Monthly Availability Batteries – March 2024

Unit-by-Unit Average Monthly Availability					
Company	Unit	Capacity (MW)	Monthly Availability %	Monthly Forced %	Monthly Scheduled %
Low Carbon	Porterstown - PN1	30 (27 MWh)	98.7	1.3	0.00
Statkraft	Beenanaspuck and Tobertoreen – XT2	11 (5.66 MWh)	99.4	0.6	0.00
	Kelwin – KZ4	27 (13.4 MWh)	100.0	0.0	0.00
NTR	Gorey – OD1	9 (4.5 MWh)	97.1	2.9	0.00
Killala Community Wind Farm	Killala – KF2	11 (10.8 MWh)	89.6	10.4	0.00
ESB	Aghada – AD3	19 (37.1 MWh)	100.0	0.00	0.00
	Kylemore – IH1	30 (60 MWh)	99.5	0.5	0.00
	Poolbeg - PB8	75 (150 MWh)	99.7	0.3	0.00
Scottish Power	Gorman - GF1	50 (32.2 MWh)	98.0	2.0	0.00
Innogy/RWE	Lisdrumdoagh - LF1	60 (26.280 MWh)	76.3	23.7	0.00
	Gardnershill – GP1	9 (9.58 MWh)	99.8	0.2	0.00

Table 4: Monthly Capacity-Weighted Average Availability – March 2024

	Monthly Availability %	Monthly Forced %	Monthly Scheduled %	Monthly Ambient %	Monthly FOR
Conventional	79.7	17.0	1.9	1.4	17.3
Battery	94.7	5.3	0.0	N/A	5.3
DSU	20.3	N/A	N/A	N/A	N/A

Table 5: Unit-by-Unit 365 Day Rolling Availability Conventional Units – April 2023 to March 2024

Unit-by-Unit 365 Day Rolling Availability						
Company	Unit	Capacity (MW)	Annual Availability %	Annual Forced %	Annual Scheduled %	Annual Ambient %
Aughinish Alumina Ltd	Seal Rock - SK3	83	80.2	6.7	8.5	4.6
	Seal Rock - SK4	83	88.6	2.7	6.6	2.1
Bord Gáis	Whitegate - WG1	444	95.1	1.1	1.6	2.3
Dublin Waste to Energy	DWTE - DW1	62	83.1	16.9	0.0	0.0
ESB Energy Ireland	Aghada - AD2	449	67.8	28.5	1.8	1.9
	Aghada - AT1	90	92.3	7.3	0.4	0.0
	Aghada - AT2	90	92.6	6.1	1.3	0.0
	Aghada - AT4	90	97.7	0.8	1.5	0.0
	Ardnacrusa - AA1	21	96.9	1.9	1.2	0.0
	Ardnacrusa - AA2	22	94.8	5.1	0.0	0.0
	Ardnacrusa - AA3	19	55.1	44.5	0.4	0.0
	Ardnacrusa - AA4	24	42.9	57.1	0.0	0.0
	Erne - ER1	10	98.6	0.2	1.2	0.0
	Erne - ER2	10	86.0	5.1	8.9	0.0
	Erne - ER3	23	98.7	0.1	1.2	0.0
	Erne - ER4	23	80.5	16.9	2.6	0.0
	Lee - LE1	15	94.3	2.6	3.1	0.0
	Lee - LE2	4	93.6	3.5	2.9	0.0
	Lee - LE3	8	95.8	1.2	3.0	0.0
	Liffey - LI1	15	59.6	26.0	14.4	0.0
	Liffey - LI2	15	60.2	25.4	14.4	0.0
	Liffey - LI4	4	54.5	31.2	14.4	0.0
	Liffey - LI5	4	94.3	5.8	0.0	0.0
	Moneypoint - MP1	285	64.3	31.4	4.4	0.0
	Moneypoint - MP2	285	37.2	62.8	0.0	0.0
	Moneypoint - MP3	285	68.6	30.4	1.0	0.0
	Poolbeg - PBA	232	75.8	14.4	9.9	0.0
	Poolbeg - PBB	232	94.6	5.3	0.1	0.1
	Turlough Hill - TH1	73	93.3	0.2	6.5	0.0
	Turlough Hill - TH2	73	90.6	3.2	6.2	0.0
	Turlough Hill - TH3	73	91.0	3.7	5.3	0.0
	Turlough Hill - TH4	73	92.5	2.0	5.5	0.0
Edenderry Power Ltd	Edenderry - ED1	118	51.1	27.3	21.6	0.0
	Edenderry - ED3	58	99.9	0.0	0.1	0.0
	Edenderry - ED5	58	99.9	0.0	0.1	0.0
SSE Generation Ireland	Great Island - GI4	464	90.1	7.0	0.6	2.3
	Rhode - RP1	52	93.7	0.0	6.3	0.0
	Rhode - RP2	52	93.3	0.5	6.2	0.0
	Tawnaghmore - TP1	52	68.7	29.3	2.0	0.0
Tawnaghmore - TP3	52	97.7	0.3	1.9	0.0	
Indaver	Indaver - IW1	17	96.7	1.8	1.5	0.0
Synergen	Dublin Bay - DB1	415	85.7	7.5	4.7	2.1
Tynagh Energy Ltd	Tynagh - TYC	404	82.3	9.6	1.9	6.3
Viridian	Huntstown - HN2	402	90.1	1.0	5.3	3.6
	Huntstown - HNC	342	92.0	1.8	1.8	4.4
Kelwin	Kelwin - KZ3	2	96.4	0.0	3.6	0.0

Table 6: Unit-by-Unit 365 Day Rolling Availability Demand Side Units – April 2023 to March 2024

Unit-by-Unit 365 Day Rolling Availability			
Company	Unit	Capacity (MW)	Annual Availability %
Enel X	AE1	86	11.7
	AE2	12	31.1
	AE3	14	28.6
	AE4	16	12.5
	AE5	16	0.0
	EN1	16	9.4
	EN2	17	3.5
	EN3	17	25.9
	EN4	16	27.4
	EN5	6	0.1
	EN6	31	20.2
	EN8	24	30.1
	EN9	16	36.5
DAE VPP	EX1	21	0.0
	DP1	18	41.8
	DP2	20	19.0
VIOTAS	DP3	9	9.8
	EE1	55	21.5
	EE2	28	16.4
	EE3	11	9.4
	EE4	12	6.7
	EE5	12	56.7
	EE6	14	40.8
	EE7	7	28.9
	EE8	17	38.6
	EE9	11	27.4
	VS1	8	N/A
VS2	11	N/A	
Electric Ireland	EI1	14	43.3
Endeco	EC1	52	23.7
	EC2	13	30.8
	EC3	6	46.5
	EC4	5	46.4
	EC5	21	22.4
Energy Trading Ireland	ET1	5	0.0
Powerhouse	PG1	9	30.2
	PG2	6	N/A
Aughinish Alumina	EB1	25	N/A

Table 7: Unit-by-Unit 365 Day Rolling Availability Batteries – April 2023 to March 2024

Unit-by-Unit 365 Day Rolling Availability					
Company	Unit	Capacity (MWh)	Monthly Availability %	Monthly Forced %	Monthly Scheduled %
Low Carbon	Porterstown - PN1	30 (27 MWh)	98.5	1.5	0.0
Statkraft	Beenanaspuck and Tobertoreen – XT2	11 (5.66 MWh)	93.1	6.9	0.0
	Kelwin – KZ4	27 (13.4 MWh)	98.3	1.7	0.0
NTR	Gorey – OD1	9 (4.5 MWh)	N/A	N/A	N/A
Killala Community Wind Farm	Killala – KF2	11 (10.8 MWh)	N/A	N/A	N/A
ESB	Aghada – AD3	19 (37.1 MWh)	N/A	N/A	N/A
	Kylemore – IH1	30 (60 MWh)	N/A	N/A	N/A
	Poolbeg - PB8	75 (150 MWh)	N/A	N/A	N/A
Scottish Power	Gorman - GF1	50 (32.2 MWh)	N/A	N/A	N/A
Innogy/RWE	Lisdrumdoagh - LF1	60 (26.280 MWh)	N/A	N/A	N/A
	Gardnershill – GP1	9 (9.58 MWh)	98.6	1.4	0.0

Table 8: 365 Day Rolling System Total Average Availability – April 2023 to March 2024

	365 Day Availability %	365 Day Forced %	365 Day Scheduled %	365 Day Ambient %	365 Day FOR
Conventional	81.5	13.5	3.3	1.7	13.9
Battery	97.7	2.3	0.0	N/A	2.1
DSU	20.0	N/A	N/A	N/A	N/A