

EirGrid Monthly Availability Report

April 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 – April 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	96.0	0.2	0.0	3.9
	Seal Rock - SK4	83	81.4	0.0	16.7	1.9
Bord Gáis	Whitegate - WG1	444	92.5	6.3	0.0	1.2
Dublin Waste to Energy	DWTE - DW1	62	80.5	19.5	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	83.3	1.1	15.6	0.0
	Ardnacrusha - AA2	22	99.4	0.6	0.0	0.0
	Ardnacrusha - AA3	19	100.0	0.0	0.0	0.0
	Ardnacrusha - AA4	24	97.4	0.0	2.6	0.0
	Erne - ER1	10	85.5	0.0	14.5	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	51.9	48.1	0.0	0.0
	Lee - LE3	8	60.0	0.0	40.0	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	1.8	98.2	0.0	0.0
	Liffey - LI5	4	99.5	0.5	0.0	0.0
	Moneypoint - MP1	285	84.4	15.6	0.0	0.0
	Moneypoint - MP2	285	82.9	17.1	0.0	0.0
	Moneypoint - MP3	285	35.4	64.6	0.0	0.0
	Poolbeg - PBA	240	100.0	0.0	0.0	0.0
	Poolbeg - PBB	236	98.4	1.6	0.0	0.0
	Turlough Hill - TH1	73	99.6	0.0	0.4	0.0
	Turlough Hill - TH2	73	99.3	0.3	0.4	0.0
	Turlough Hill - TH3	73	99.6	0.0	0.4	0.0
	Turlough Hill - TH4	73	99.6	0.0	0.4	0.0
Edenderry Power Ltd	Edenderry - ED1	118	78.8	13.7	7.4	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	94.3	4.2	0.0	1.5
	Rhode - RP1	52	14.9	32.8	52.3	0.0
	Rhode - RP2	52	14.8	32.6	52.6	0.0
	Tawnaghmore - TP1	52	80.8	19.2	0.0	0.0
	Tawnaghmore - TP3	52	100.0	0.0	0.0	0.0
Indaver	Indaver - IW1	17	27.3	36.2	36.5	0.0
Synergen	Dublin Bay - DB1	415	98.5	0.0	0.0	1.5
Tynagh Energy Ltd	Tynagh - TYC	404	80.6	14.0	0.0	5.4
Viridian	Huntstown - HN2	402	97.3	0.0	0.0	2.7
	Huntstown - HNC	342	82.8	0.3	13.8	3.2
Kelwin	Kelwin – KZ3	2	100.00	0.00	0.00	0.00

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

Unit-by-Unit Average Monthly Availability			
Company	Unit	Capacity (MW)	Monthly Availability %
Enel X	AE1	83	12.4
	AE2	12	31.7
	AE3	14	57.1
	AE4	16	0.0
	AE5	16	0.0
	EN1	16	0.0
	EN2	17	0.0
	EN3	17	40.7
	EN4	16	43.2
	EN5	6	0.0
	EN6	31	23.7
	EN8	24	39.6
	EN9	16	19.2
	EX1	21	0.0
DAE VPP	DP1	18	38.9
	DP2	20	36.0
	DP3	9	0.0
VIOTAS	EE1	56	16.9
	EE2	28	24.2
	EE3	11	9.4
	EE4	14	7.2
	EE5	12	61.1
	EE6	14	39.6
	EE7	7	27.1
	EE8	16	38.1
	EE9	12	22.2
	VS1	8	13.2
	VS2	11	15.1
Electric Ireland	EI1	14	68.3
Endeco	EC1	52	22.2
	EC2	12	26.7
	EC3	5	24.2
	EC4	5	34.0
	EC5	21	16.9
Energy Trading Ireland	ET1	5	0.0
Powerhouse	PG1	9	26.3
	PG2	6	32.9
Aughinish Alumina	EB1	9	4.5
IPower ltd	IR1	7	42.9

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

Unit-by-Unit Average Monthly Availability					
Company	Unit	Capacity (MWh)	Monthly Availability %	Monthly Forced %	Monthly Scheduled %
Low Carbon	Porterstown - PN1	30 (27 MWh)	97.6	2.4	0.00
Statkraft	Beenanaspuck and Tobertoreen – XT2	11 (5.66 MWh)	99.1	0.9	0.00
	Kelwin – KZ4	27 (13.4 MWh)	97.0	2.9	0.00
NTR	Gorey – OD1	9 (4.5 MWh)	99.1	0.9	0.00
Killala Community Wind Farm	Killala – KF2	11 (10.8 MWh)	78.5	21.5	0.00
ESB	Aghada – AD3	19 (37.1 MWh)	84.9	0.4	14.7
	Kylemore – IH1	30 (60 MWh)	96.4	3.6	0.00
	Poolbeg - PB8	75 (150 MWh)	99.9	0.1	0.00
Scottish Power	Gorman - GF1	50 (32.2 MWh)	96.0	4.0	0.00
Innogy/RWE	Lisdrumdoagh - LF1	60 (26.280 MWh)	71.3	28.7	0.00
	Gardnershill – GP1	9 (9.58 MWh)	85.9	14.1	0.00

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

	Monthly Availability %	Monthly Forced %	Monthly Scheduled %	Monthly Ambient %	Monthly FOR
Conventional	79.5	16.8	2.5	1.2	17.3
Battery	91.4	7.8	0.8	N/A	7.8
DSU	21.7	N/A	N/A	N/A	N/A

Table 5: Unit-by-Unit 365 Day Rolling Availability Conventional Units – May 2023 to April 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	81.2	6.5	7.7	4.7
	Seal Rock - SK4	83	93.1	2.4	2.4	2.2
Bord Gáis	Whitegate - WG1	444	94.5	1.6	1.6	2.3
Dublin Waste to Energy	DWTE - DW1	62	82.5	17.5	0.0	0.0
ESB Energy Ireland	Aghada - AD2	449	62.3	35.9	0.0	1.8
	Aghada - AT1	90	92.3	7.2	0.4	0.0
	Aghada - AT2	90	91.7	6.8	1.5	0.0
	Aghada - AT4	90	97.7	0.8	1.5	0.0
	Ardnacrusha - AA1	21	95.5	2.0	2.5	0.0
	Ardnacrusha - AA2	22	95.0	5.0	0.0	0.0
	Ardnacrusha - AA3	19	55.3	44.3	0.4	0.0
	Ardnacrusha - AA4	24	50.8	49.0	0.2	0.0
	Erne - ER1	10	97.4	0.2	2.4	0.0
	Erne - ER2	10	89.7	5.1	5.2	0.0
	Erne - ER3	23	98.7	0.1	1.2	0.0
	Erne - ER4	23	72.4	25.0	2.6	0.0
	Lee - LE1	15	98.0	2.0	0.0	0.0
	Lee - LE2	4	92.1	5.1	2.9	0.0
	Lee - LE3	8	92.5	1.2	6.3	0.0
	Liffey - LI1	15	59.8	25.9	14.3	0.0
	Liffey - LI2	15	60.3	25.3	14.3	0.0
	Liffey - LI4	4	46.6	39.1	14.3	0.0
	Liffey - LI5	4	94.2	5.8	0.0	0.0
	Moneypoint - MP1	285	63.7	31.9	4.4	0.0
	Moneypoint - MP2	285	39.0	61.0	0.0	0.0
	Moneypoint - MP3	285	64.2	34.8	1.0	0.0
	Poolbeg - PBA	232	76.4	13.8	9.8	0.0
	Poolbeg - PBB	232	95.1	4.8	0.0	0.1
	Turlough Hill - TH1	73	93.2	0.2	6.6	0.0
	Turlough Hill - TH2	73	90.5	3.3	6.2	0.0
	Turlough Hill - TH3	73	91.0	3.6	5.3	0.0
	Turlough Hill - TH4	73	92.5	2.0	5.5	0.0
Edenderry Power Ltd	Edenderry - ED1	118	51.4	26.4	22.2	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	90.4	7.3	0.0	2.4
	Rhode - RP1	52	86.7	2.7	10.5	0.0
	Rhode - RP2	52	86.3	3.1	10.6	0.0
	Tawnaghmore - TP1	52	67.2	30.8	2.0	0.0
Tawnaghmore - TP3	52	97.8	0.3	1.9	0.0	
Indaver	Indaver - IW1	17	92.3	4.8	3.0	0.0
Synergen	Dublin Bay - DB1	415	85.7	7.5	4.7	2.1
Tynagh Energy Ltd	Tynagh - TYC	404	82.6	9.3	1.9	6.3
Viridian	Huntstown - HN2	402	90.1	1.0	5.3	3.6
	Huntstown - HNC	342	92.6	1.9	1.1	4.5
Kelwin	Kelwin – KZ3	2	96.4	0.0	3.6	0.0

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

Unit-by-Unit 365 Day Rolling Availability			
Company	Unit	Capacity (MW)	Annual Availability %
Enel X	AE1	86	11.5
	AE2	12	31.0
	AE3	14	32.1
	AE4	16	11.4
	AE5	16	0.0
	EN1	16	8.5
	EN2	17	2.4
	EN3	17	27.6
	EN4	16	29.1
	EN5	6	0.1
	EN6	31	20.6
	EN8	24	30.0
	EN9	16	35.8
DAE VPP	EX1	21	0.0
	DP1	18	41.2
	DP2	20	20.0
VIOTAS	DP3	9	8.1
	EE1	55	21.2
	EE2	28	16.6
	EE3	11	9.4
	EE4	12	6.8
	EE5	12	56.2
	EE6	14	41.1
	EE7	7	28.8
	EE8	17	38.0
	EE9	11	26.6
	VS1	8	N/A
VS2	11	N/A	
Electric Ireland	EI1	14	44.9
Endeco	EC1	52	23.8
	EC2	13	31.2
	EC3	6	44.2
	EC4	5	45.3
	EC5	21	21.9
Energy Trading Ireland	ET1	5	0.0
Powerhouse	PG1	9	29.8
	PG2	6	N/A
Aughinish Alumina	EB1	25	N/A
IPower Ltd	IR1	7	N/A

Table 7: Unit-by-Unit 365 Day Rolling Availability Batteries – May 2023 to April 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)	98.4	1.6	0.0
Statkraft	Beenanaspuck and Tobertoreen – XT2	11 (5.66 MWh)	94.7	5.3	0.0
	Kelwin – KZ4	27 (13.4 MWh)	98.2	1.8	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)	97.5	2.5	0.0

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

	365 Day Availability %	365 Day Forced %	365 Day Scheduled %	365 Day Ambient %	365 Day FOR
Conventional	80.9	14.3	3.0	1.7	14.7
Battery	97.7	2.3	0.0	N/A	2.3
DSU	20.0	N/A	N/A	N/A	N/A