

EirGrid Monthly Availability Report

May 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

Email: OutagePlanning@eirgrid.com

www.eirgridgroup.com

¹ Based on EDIL (Electronic Dispatch Instruction Logger) declarations



Table 1: Unit-by-Unit Average Monthly Availability Conventional Units – May 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	84.2	3.4	8.1	4.3
	Seal Rock - SK4	83	87.2	2.0	9.9	0.9
Bord Gáis	Whitegate - WG1	444	93.8	3.3	0.0	2.9
Dublin Waste to Energy	DWTE - DW1	62	96.6	3.4	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	0.1	0.0	0.0
	Ardnacrusha - AA1	21	0.0	0.0	100.0	0.0
	Ardnacrusha - AA2	22	98.1	2.0	0.0	0.0
	Ardnacrusha - AA3	19	100.0	0.0	0.0	0.0
	Ardnacrusha - AA4	24	43.1	1.1	55.9	0.0
	Erne - ER1	10	97.8	2.2	0.0	0.0
	Erne - ER2	10	54.0	46.0	0.0	0.0
	Erne - ER3	23	99.5	0.5	0.0	0.0
	Erne - ER4	23	0.0	100.0	0.0	0.0
	Lee - LE1	15	51.1	11.8	37.1	0.0
	Lee - LE2	4	73.5	0.0	26.5	0.0
	Lee - LE3	8	99.7	0.3	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	99.7	0.3	0.0	0.0
	Moneypoint - MP1	285	23.0	25.4	51.6	0.0
	Moneypoint - MP2	285	35.4	64.6	0.0	0.0
	Moneypoint - MP3	285	10.7	89.4	0.0	0.0
	Poolbeg - PBA	240	100.0	0.0	0.0	0.0
	Poolbeg - PBB	236	87.1	12.1	0.0	0.9
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	100.0	0.0	0.0	0.0	
Turlough Hill - TH4	73	100.0	0.0	0.0	0.0	
Edenderry Power Ltd	Edenderry - ED1	118	87.3	12.7	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	52.9	45.4	0.0	1.7
	Rhode - RP1	52	100.0	0.0	0.0	0.0
	Rhode - RP2	52	90.4	9.6	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	97.3	2.7	0.0	0.0
Synergen	Dublin Bay - DB1	415	97.5	0.0	0.0	2.5
Tynagh Energy Ltd	Tynagh - TYC	404	89.6	2.1	0.0	8.3
Viridian	Huntstown - HN2	402	95.4	0.0	0.0	4.7
	Huntstown - HNC	342	56.7	1.8	38.1	3.4
Kelwin	Kelwin – KZ3	2	100.00	0.00	0.00	0.00

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

Unit-by-Unit Average Monthly Availability			
Company	Unit	Capacity (MW)	Monthly Availability %
Enel X	AE1	83	15.2
	AE2	12	22.4
	AE3	14	56.8
	AE4	16	0.0
	AE5	16	0.0
	EN1	16	0.0
	EN2	17	0.0
	EN3	17	62.4
	EN4	16	66.4
	EN5	6	0.0
	EN6	31	23.8
	EN8	24	34.2
	EN9	16	38.0
	EX1	21	0.0
DAE VPP	DP1	18	38.9
	DP2	20	35.4
	DP3	9	0.0
VIOTAS	EE1	56	17.4
	EE2	28	22.5
	EE3	11	8.8
	EE4	14	4.7
	EE5	12	54.1
	EE6	14	60.4
	EE7	7	31.0
	EE8	16	42.1
	EE9	12	19.2
	VS1	8	18.7
	VS2	11	41.3
Electric Ireland	EI1	14	30.6
Endeco	EC1	52	23.7
	EC2	12	16.0
	EC3	5	34.7
	EC4	5	37.8
	EC5	21	20.4
Energy Trading Ireland	ET1	5	0.0
Powerhouse	PG1	9	22.4
	PG2	6	34.3
Aughinish Alumina	EB1	25	0.0
IPower Ltd	IR1	7	42.9

Table 3: Unit-by-Unit Average Monthly Availability Batteries – May 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)	99.2	0.8	0.00
NTR	Gorey – OD1	9 (4.5 MWh)	96.9	3.1	0.00
Killala Community Wind Farm	Killala – KF2	11 (10.8 MWh)	89.3	10.7	0.00
ESB	Aghada – AD3	19 (37.1 MWh)	97.1	2.9	0.00
	Kylemore – IH1	30 (60 MWh)	99.8	0.2	0.00
	Poolbeg - PB8	75 (150 MWh)	97.9	2.1	0.00
Scottish Power	Gorman - GF1	50 (32.2 MWh)	87.3	12.7	0.00
Innogy/RWE	Lisdrumdoagh - LF1	60 (26.280 MWh)	59.4	40.6	0.00
	Gardnershill – GP1	9 (9.58 MWh)	96.9	3.1	0.00

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

	Monthly Availability %	Monthly Forced %	Monthly Scheduled %	Monthly Ambient %	Monthly FOR
Conventional	69.6	22.8	5.8	1.8	24.3
Battery	89.2	10.8	0.0	N/A	10.8
DSU	23.1	N/A	N/A	N/A	N/A

Table 5: Unit-by-Unit 365 Day Rolling Availability Conventional Units – June 2023 to May 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	80.4	6.8	8.4	4.5
	Seal Rock - SK4	83	92.3	2.4	3.2	2.1
Bord Gáis	Whitegate - WG1	444	94.2	1.9	1.6	2.4
Dublin Waste to Energy	DWTE - DW1	62	82.9	17.1	0.0	0.0
ESB Energy Ireland	Aghada - AD2	449	53.9	44.4	0.0	1.7
	Aghada - AT1	90	92.3	7.2	0.4	0.0
	Aghada - AT2	90	89.8	8.7	1.5	0.0
	Aghada - AT4	90	97.8	0.8	1.4	0.0
	Ardnacrusha - AA1	21	87.1	1.9	11.0	0.0
	Ardnacrusha - AA2	22	95.2	4.8	0.0	0.0
	Ardnacrusha - AA3	19	57.5	42.6	0.0	0.0
	Ardnacrusha - AA4	24	54.4	40.6	5.0	0.0
	Erne - ER1	10	97.2	0.4	2.4	0.0
	Erne - ER2	10	88.0	9.0	3.1	0.0
	Erne - ER3	23	98.7	0.2	1.2	0.0
	Erne - ER4	23	67.0	33.0	0.0	0.0
	Lee - LE1	15	94.6	2.2	3.1	0.0
	Lee - LE2	4	89.8	5.1	5.1	0.0
	Lee - LE3	8	95.5	1.2	3.3	0.0
	Liffey - LI1	15	59.8	25.9	14.3	0.0
	Liffey - LI2	15	60.4	25.3	14.3	0.0
	Liffey - LI4	4	46.6	39.1	14.3	0.0
	Liffey - LI5	4	95.8	4.2	0.0	0.0
	Moneypoint - MP1	285	63.7	32.0	4.4	0.0
	Moneypoint - MP2	285	40.9	59.1	0.0	0.0
	Moneypoint - MP3	285	57.9	41.1	1.0	0.0
	Poolbeg - PBA	232	76.4	13.8	9.8	0.0
	Poolbeg - PBB	232	94.0	5.8	0.0	0.2
	Turlough Hill - TH1	73	98.3	0.2	1.5	0.0
	Turlough Hill - TH2	73	95.6	3.2	1.2	0.0
	Turlough Hill - TH3	73	97.7	0.9	1.4	0.0
	Turlough Hill - TH4	73	97.6	0.9	1.5	0.0
Edenderry Power Ltd	Edenderry - ED1	118	52.2	25.6	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	86.5	11.2	0.0	2.3
	Rhode - RP1	52	86.7	2.7	10.5	0.0
	Rhode - RP2	52	85.5	3.9	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	92.1	4.9	3.0	0.0
Synergen	Dublin Bay - DB1	415	85.7	7.5	4.7	2.2
Tynagh Energy Ltd	Tynagh - TYC	404	84.1	7.5	1.9	6.5
Viridian	Huntstown - HN2	402	91.6	1.0	3.6	3.8
	Huntstown - HNC	342	89.3	2.0	4.4	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 – June 2023 to May 2024

Unit-by-Unit 365 Day Rolling Availability			
Company	Unit	Capacity (MW)	Annual Availability %
Enel X	AE1	86	11.3
	AE2	12	29.6
	AE3	14	33.2
	AE4	16	9.9
	AE5	16	0.0
	EN1	16	7.2
	EN2	17	1.0
	EN3	17	30.6
	EN4	16	32.3
	EN5	6	0.1
	EN6	31	21.1
	EN8	24	28.9
	EN9	16	35.7
DAE VPP	EX1	21	0.0
	DP1	18	40.1
	DP2	20	21.6
VIOTAS	DP3	9	3.4
	EE1	55	20.7
	EE2	28	16.7
	EE3	11	9.4
	EE4	12	6.5
	EE5	12	55.2
	EE6	14	42.2
	EE7	7	28.9
	EE8	17	37.6
	EE9	11	25.4
	VS1	8	N/A
VS2	11	N/A	
Electric Ireland	EI1	14	41.8
Endeco	EC1	52	23.8
	EC2	13	30.8
	EC3	6	43.0
	EC4	5	44.3
	EC5	21	21.5
Energy Trading Ireland	ET1	5	0.0
Powerhouse	PG1	9	29.1
	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 – June 2023 to May 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)	98.3	1.7	0.0
Statkraft	Beenanaspuck and Tobertoreen – XT2	11 (5.66 MWh)	97.2	2.8	0.0
	Kelwin – KZ4	27 (13.4 MWh)	98.1	1.9	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 – June 2023 to May 2024

	365 Day Availability %	365 Day Forced %	365 Day Scheduled %	365 Day Ambient %	365 Day FOR
Conventional	79.9	15.4	3.0	1.8	15.9
Battery	98	2.0	0.0	N/A	2.0
DSU	19.1	N/A	N/A	N/A	N/A