

EirGrid Monthly Availability Report

January 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 – January 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	94.8	0.5	2.1	2.6
	Seal Rock - SK4	83	99.5	0.0	0.0	0.6
Bord Gáis	Whitegate - WG1	444	98.5	0.8	0.0	0.7
Dublin Waste to Energy	DWTE - DW1	62	99.0	1.0	0.0	0.0
ESB Energy Ireland	Aghada - AD2	449	66.8	32.9	0.0	0.4
	Aghada - AT1	90	35.5	64.5	0.0	0.0
	Aghada - AT2	90	90.7	9.3	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	97.8	2.2	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	100.0	0.0	0.0	0.0
	Lee - LE1	15	92.1	7.9	0.0	0.0
	Lee - LE2	4	100.0	0.0	0.0	0.0
	Lee - LE3	8	100.0	0.0	0.0	0.0
	Liffey - LI1	15	96.2	3.8	0.0	0.0
	Liffey - LI2	15	96.0	4.0	0.0	0.0
	Liffey - LI4	4	53.9	46.1	0.0	0.0
	Liffey - LI5	4	84.3	15.7	0.0	0.0
	Moneypoint - MP1	285	56.5	43.5	0.0	0.0
	Moneypoint - MP2	285	59.5	40.5	0.0	0.0
	Moneypoint - MP3	285	71.0	29.0	0.0	0.0
	Poolbeg - PBA	232	100.0	0.0	0.0	0.0
	Poolbeg - PBB	232	100.0	0.0	0.0	0.0
	Turlough Hill - TH1	73	100.0	0.0	0.0	0.0
	Turlough Hill - TH2	73	96.2	3.8	0.0	0.0
	Turlough Hill - TH3	73	98.1	1.9	0.0	0.0
	Turlough Hill - TH4	73	99.2	0.8	0.0	0.0
Edenderry Power Ltd	Edenderry - ED1	118	60.4	39.6	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	98.9	0.6	0.0	0.6
	Rhode - RP1	52	100.0	0.0	0.0	0.0
	Rhode - RP2	52	100.0	0.0	0.0	0.0
	Tawnaghmore - TP1	52	48.8	51.2	0.0	0.0
	Tawnaghmore - TP3	52	97.6	2.4	0.0	0.0
Indaver	Indaver - IW1	17	88.4	11.6	0.0	0.0
Synergen	Dublin Bay - DB1	415	99.2	0.0	0.0	0.8
Tynagh Energy Ltd	Tynagh - TYC	404	71.7	25.2	0.0	3.2
Viridian	Huntstown - HN2	402	98.6	0.0	0.0	1.4
	Huntstown - HNC	342	97.5	0.0	0.0	2.5
Kelwin	Kelwin – KZ3	2	99.5	0.5	0.0	0.0

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

Unit-by-Unit Average Monthly Availability			
Company	Unit	Capacity (MW)	Monthly Availability %
Enel X	AE1	86	4.6
	AE2	12	19.2
	AE3	14	41.4
	AE4	16	18.9
	AE5	16	0.0
	EN1	16	8.6
	EN2	17	0.0
	EN3	17	32.8
	EN4	16	36.0
	EN5	6	0.0
	EN6	31	24.7
	EN8	24	13.2
	EN9	16	7.1
	EX1	21	0.0
DAE VPP	DP1	18	27.9
	DP2	20	12.6
	DP3	9	0.0
VIOTAS	EE1	55	18.7
	EE2	28	7.6
	EE3	11	9.4
	EE4	12	7.8
	EE5	12	55.6
	EE6	14	19.0
	EE7	8	24.2
	EE8	17	22.0
	EE9	11	19.6
	VS1	8	16.9
VS2	11	29.4	
Electric Ireland	EI1	14	25.5
Endeco	EC1	52	21.6
	EC2	13	26.9
	EC3	6	43.2
	EC4	5	52.2
	EC5	21	23.4
Energy Trading Ireland	ET1	5	0.0
Powerhouse	PG1	10	33.0
Aughinish Alumina	EB1	25	0.0

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

Unit-by-Unit Average Monthly Availability					
Company	Unit	Capacity (MWh)	Monthly Availability %	Monthly Forced %	Monthly Scheduled %
Low Carbon	Porterstown - PN1	30 (27 MWh)	98.8	1.2	0.0
Statkraft	Beenanaspuck and Tobertoreen – XT2	11 (5.66 MWh)	98.1	1.9	0.0
	Kelwin – KZ4	27 (13.4 MWh)	99.9	0.1	0.0
NTR	Gorey – OD1	9 (4.5 MWh)	99.7	0.3	0.0
Killala Community Wind Farm	Killala – KF2	11 (10.8 MWh)	89.0	11.0	0.0
ESB	Aghada – AD3	19 (37.1 MWh)	100.0	0.0	0.0
	Kylemore – IH1	30 (60 MWh)	98.1	1.9	0.0
	Poolbeg - PB8	75 (150 MWh)	99.9	0.1	0.0
Scottish Power	Gorman - GF1	50 (32.2 MWh)	99.6	0.5	0.0
Innogy/RWE	Lisdrumdoagh - LF1	60 (26.280 MWh)	44.8	55.2	0.0
	Gardnershill – GP1	9 (9.58 MWh)	100.0	0.0	0.0

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

	Monthly Availability %	Monthly Forced %	Monthly Scheduled %	Monthly Ambient %	Monthly FOR
Conventional	86.4	12.8	0.0	0.7	12.8
Battery	89.2	10.8	0.0	N/A	10.8
DSU	16.6	N/A	N/A	N/A	N/A

Table 5: Unit-by-Unit 365 Day Rolling Availability Conventional Units – February 2023 to January 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	80.7	6.7	8.5	4.1
	Seal Rock - SK4	83	85.3	2.3	10.4	2.0
Bord Gáis	Whitegate - WG1	444	95.2	1.1	1.6	2.2
Dublin Waste to Energy	DWTE - DW1	62	86.5	13.5	0.0	0.0
ESB Energy Ireland	Aghada - AD2	449	84.1	12.0	1.8	2.1
	Aghada - AT1	90	92.7	6.8	0.4	0.0
	Aghada - AT2	90	97.0	1.7	1.3	0.0
	Aghada - AT4	90	98.5	0.1	1.5	0.0
	Ardnacrusha - AA1	21	96.9	1.9	1.2	0.0
	Ardnacrusha - AA2	22	94.8	5.2	0.0	0.0
	Ardnacrusha - AA3	19	55.0	44.6	0.4	0.0
	Ardnacrusha - AA4	24	26.5	73.5	0.0	0.0
	Erne - ER1	10	98.6	0.2	1.2	0.0
	Erne - ER2	10	86.5	4.5	9.0	0.0
	Erne - ER3	23	98.7	0.1	1.2	0.0
	Erne - ER4	23	92.5	4.9	2.6	0.0
	Lee - LE1	15	93.4	3.5	3.1	0.0
	Lee - LE2	4	92.8	4.1	3.1	0.0
	Lee - LE3	8	95.7	1.2	3.0	0.0
	Liffey - LI1	15	61.8	23.9	14.4	0.0
	Liffey - LI2	15	62.1	23.5	14.4	0.0
	Liffey - LI4	4	70.9	14.8	14.4	0.0
	Liffey - LI5	4	94.8	5.2	0.0	0.0
	Moneypoint - MP1	285	68.6	27.0	4.4	0.0
	Moneypoint - MP2	285	34.9	64.7	0.4	0.0
	Moneypoint - MP3	285	70.6	28.5	1.0	0.0
	Poolbeg - PBA	232	76.7	13.5	9.9	0.0
	Poolbeg - PBB	232	94.6	5.3	0.1	0.1
	Turlough Hill - TH1	73	94.4	0.5	5.1	0.0
	Turlough Hill - TH2	73	91.5	3.5	5.1	0.0
	Turlough Hill - TH3	73	92.2	3.7	4.1	0.0
	Turlough Hill - TH4	73	93.8	2.2	4.0	0.0
Edenderry Power Ltd	Edenderry - ED1	118	50.2	29.0	20.8	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	90.3	7.0	0.6	2.2
	Rhode - RP1	52	97.2	0.0	2.8	0.0
	Rhode - RP2	52	96.8	0.5	2.8	0.0
	Tawnaghmore - TP1	52	76.9	21.1	2.0	0.0
Tawnaghmore - TP3	52	97.8	0.3	1.9	0.0	
Indaver	Indaver - IW1	17	94.2	2.2	3.7	0.0
Synergen	Dublin Bay - DB1	415	82.5	10.9	4.7	2.0
Tynagh Energy Ltd	Tynagh - TYC	404	79.6	12.4	1.9	6.1
Viridian	Huntstown - HN2	402	90.3	1.0	5.3	3.4
	Huntstown - HNC	342	90.1	1.8	4.0	4.1
Kelwin	Kelwin – KZ3	2	95.9	0.0	4.1	0.0

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

c			
Company	Unit	Capacity (MW)	Annual Availability %
Enel X	AE1	86	12.4
	AE2	12	31.5
	AE3	14	27.4
	AE4	16	15.4
	AE5	16	0.0
	EN1	16	11.8
	EN2	17	6.1
	EN3	17	23.1
	EN4	16	24.6
	EN5	6	0.1
	EN6	31	20.0
	EN8	24	31.2
	EN9	16	39.0
	EX1	21	0.0
DAE VPP	DP1	18	42.8
	DP2	20	18.3
	DP3	9	9.8
VIOTAS	EE1	55	21.5
	EE2	28	16.1
	EE3	11	10.3
	EE4	12	6.7
	EE5	12	56.2
	EE6	14	39.7
	EE7	8	29.8
	EE8	17	40.4
	EE9	11	29.1
	VS1	8	N/A
VS2	11	N/A	
Electric Ireland	EI1	14	45.8
Endeco	EC1	52	23.6
	EC2	13	30.8
	EC3	6	48.6
	EC4	5	45.9
	EC5	21	22.6
Energy Trading Ireland	ET1	5	0.0
Powerhouse	PG1	13	30.5
Aughinish Alumina	EB1	25	N/A

Table 7: Unit-by-Unit 365 Day Rolling Availability Batteries – February 2023 to January 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)	98.6	1.4	0.0
Statkraft	Beenanaspuck and Tobertoreen – XT2	11 (5.66 MWh)	93.3	6.7	0.0
	Kelwin – KZ4	27 (13.4 MWh)	97.8	2.2	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)	98.2	1.8	0.0

Table 8: 365 Day Rolling System Total Average Availability – February 2023 to January 2024

	365 Day Availability %	365 Day Forced %	365 Day Scheduled %	365 Day Ambient %	365 Day FOR
Conventional	82.8	12.2	3.3	1.7	12.6
Battery	97.5	2.5	0.0	N/A	2.5
DSU	22.0	N/A	N/A	N/A	N/A