

EirGrid Monthly Availability Report

July 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 – July 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	93.5	0.0	0.0	6.5
	Seal Rock - SK4	83	0.8	0.0	99.2	0.0
Bord Gáis	Whitegate - WG1	444	96.0	0.0	0.0	4.0
Dublin Waste to Energy	DWTE - DW1	62	87.7	12.3	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	68.1	31.9	0.0	0.0
	Aghada - AT4	90	72.7	27.3	0.0	0.0
	Ardnacrusha - AA1	21	0.0	0.0	100.0	0.0
	Ardnacrusha - AA2	22	91.5	8.5	0.0	0.0
	Ardnacrusha - AA3	19	91.5	8.5	0.0	0.0
	Ardnacrusha - AA4	24	99.3	0.7	0.0	0.0
	Erne - ER1	10	99.1	0.9	0.0	0.0
	Erne - ER2	10	95.7	4.3	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	100.0	0.0	0.0	0.0
	Lee - LE3	8	100.0	0.0	0.0	0.0
	Liffey - LI1	15	86.8	13.2	0.0	0.0
	Liffey - LI2	15	86.8	13.2	0.0	0.0
	Liffey - LI4	4	37.5	62.5	0.0	0.0
	Liffey - LI5	4	0.0	46.2	53.8	0.0
	Moneypoint - MP1	285	73.7	26.3	0.0	0.0
	Moneypoint - MP2	285	74.6	25.4	0.0	0.0
	Moneypoint - MP3	285	85.0	15.0	0.0	0.0
	Poolbeg - PBA	240	91.8	5.2	0.0	3.0
	Poolbeg - PBB	236	98.2	0.0	0.0	1.8
Turlough Hill - TH1	73	99.1	0.9	0.0	0.0	
Turlough Hill - TH2	73	98.8	1.2	0.0	0.0	
Turlough Hill - TH3	73	99.2	0.8	0.0	0.0	
Turlough Hill - TH4	73	99.1	0.9	0.0	0.0	
Edenderry Power Ltd	Edenderry - ED1	118	40.3	59.7	0.0	0.0
	Edenderry - ED3	58	98.0	2.0	0.0	0.0
	Edenderry - ED5	58	100.0	0.0	0.0	0.0
SSE Generation Ireland	Great Island - GI4	464	1.6	98.4	0.0	0.0
	Rhode - RP1	52	100.0	0.0	0.0	0.0
	Rhode - RP2	52	88.8	11.2	0.0	0.0
	Tawnaghmore - TP1	52	59.0	4.7	36.4	0.0
	Tawnaghmore - TP3	52	64.2	0.0	35.9	0.0
Indaver	Indaver - IW1	17	100.0	0.0	0.0	0.0
Synergen	Dublin Bay - DB1	415	96.3	0.0	0.0	3.8
Tynagh Energy Ltd	Tynagh - TYC	404	0.0	78.6	21.4	0.0
Viridian	Huntstown - HN2	402	94.5	0.0	0.0	5.5
	Huntstown - HNC	342	93.5	0.1	0.0	6.4
Kelwin	Kelwin – KZ3	2	88.2	11.8	0.0	0.0

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

Unit-by-Unit Average Monthly Availability			
Company	Unit	Capacity (MW)	Monthly Availability %
Enel X	AE1	82	12.3
	AE2	13	28.7
	AE3	14	43.2
	AE4	16	0.0
	AE5	16	0.0
	EN1	16	0.0
	EN2	17	0.0
	EN3	17	42.1
	EN4	16	44.7
	EN5	6	0.0
	EN6	31	23.4
	EN8	24	34.4
	EN9	16	25.8
	EX1	21	0.0
DAE VPP	DP1	18	28.6
	DP2	21	49.6
	DP3	9	41.5
VIOTAS	EE1	56	21.2
	EE2	28	20.6
	EE3	11	8.8
	EE4	14	1.9
	EE5	12	59.9
	EE6	14	58.5
	EE7	7	35.2
	EE8	16	46.6
	EE9	12	33.0
	VS1	8	16.7
	VS2	11	20.3
Electric Ireland	EI1	14	53.2
Endeco	EC1	52	23.5
	EC2	12	14.9
	EC3	5	44.8
	EC4	5	48.6
	EC5	21	16.2
Energy Trading Ireland	ET1	5	0.0
Powerhouse	PG1	9	24.3
	PG2	6	29.0
Aughinish Alumina	EB1	25	0.0
IPower ltd	IR1	7	41.5

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

Unit-by-Unit Average Monthly Availability					
Company	Unit	Capacity (MWh)	Monthly Availability %	Monthly Forced %	Monthly Scheduled %
Low Carbon	Porterstown - PN1	30 (27 MWh)	100.0	0.0	0.0
Statkraft	Beenanaspuck and Tobertoreen – XT2	11 (5.66 MWh)	98.2	1.8	0.0
	Kelwin – KZ4	27 (13.4 MWh)	100.0	0.0	0.0
NTR	Gorey – OD1	9 (4.5 MWh)	99.4	0.6	0.0
Killala Community Wind Farm	Killala – KF2	11 (10.8 MWh)	90.3	9.7	0.0
ESB	Aghada – AD3	19 (37.1 MWh)	99.7	0.3	0.0
	Kylemore – IH1	30 (60 MWh)	91.0	9.0	0.0
	Poolbeg - PB8	75 (150 MWh)	93.2	6.8	0.0
Scottish Power	Gorman - GF1	50 (32.2 MWh)	99.9	0.1	0.0
Innogy/RWE	Lisdrumdoagh - LF1	60 (26.280 MWh)	97.5	2.5	0.0
	Gardnershill – GP1	9 (9.58 MWh)	99.2	0.8	0.0

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

	Monthly Availability %	Monthly Forced %	Monthly Scheduled %	Monthly Ambient %	Monthly FOR
Conventional	66.3	28.1	4.0	1.7	29.2
Battery	96.7	3.3	0.0	N/A	3.3
DSU	22.7	N/A	N/A	N/A	N/A

Table 5: Unit-by-Unit 365 Day Rolling Availability Conventional Units – August 2023 to July 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	87.6	4.1	3.5	4.8
	Seal Rock - SK4	83	84.6	2.4	11.6	1.4
Bord Gáis	Whitegate - WG1	444	93.9	2.1	1.6	2.4
Dublin Waste to Energy	DWTE - DW1	62	87.7	12.4	0.0	0.0
ESB Energy Ireland	Aghada - AD2	449	40.7	58.2	0.0	1.1
	Aghada - AT1	90	92.1	7.8	0.1	0.0
	Aghada - AT2	90	85.5	13.6	0.9	0.0
	Aghada - AT4	90	96.9	3.1	0.0	0.0
	Ardnacrusha - AA1	21	72.2	0.2	27.6	0.0
	Ardnacrusha - AA2	22	94.2	4.6	1.2	0.0
	Ardnacrusha - AA3	19	73.4	26.6	0.0	0.0
	Ardnacrusha - AA4	24	68.6	26.5	5.0	0.0
	Erne - ER1	10	97.1	0.5	2.4	0.0
	Erne - ER2	10	93.4	6.6	0.0	0.0
	Erne - ER3	23	98.7	0.2	1.2	0.0
	Erne - ER4	23	54.7	45.3	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	95.7	1.1	3.3	0.0
	Liffey - LI1	15	68.1	29.1	2.8	0.0
	Liffey - LI2	15	68.7	28.5	2.8	0.0
	Liffey - LI4	4	49.2	47.7	3.1	0.0
	Liffey - LI5	4	82.3	13.2	4.6	0.0
	Moneypoint - MP1	285	64.1	31.6	4.4	0.0
	Moneypoint - MP2	285	50.1	49.9	0.0	0.0
	Moneypoint - MP3	285	58.2	40.8	1.0	0.0
	Poolbeg - PBA	240	75.8	14.1	9.7	0.3
	Poolbeg - PBB	236	94.1	5.4	0.0	0.4
	Turlough Hill - TH1	73	98.1	0.4	1.5	0.0
	Turlough Hill - TH2	73	95.6	3.2	1.2	0.0
	Turlough Hill - TH3	73	97.6	1.1	1.3	0.0
Turlough Hill - TH4	73	97.3	1.2	1.5	0.0	
Edenderry Power Ltd	Edenderry - ED1	118	56.3	30.1	13.6	0.0
	Edenderry - ED3	58	99.7	0.2	0.1	0.0
	Edenderry - ED5	58	99.9	0.0	0.1	0.0
SSE Generation Ireland	Great Island - GI4	464	73.8	24.5	0.0	1.8
	Rhode - RP1	52	88.5	2.7	8.7	0.0
	Rhode - RP2	52	86.4	4.9	8.8	0.0
	Tawnaghmore - TP1	52	63.8	31.2	5.1	0.0
Tawnaghmore - TP3	52	94.8	0.3	5.0	0.0	
Indaver	Indaver - IW1	17	92.0	5.0	3.0	0.0
Synergen	Dublin Bay - DB1	415	91.0	6.7	0.0	2.3
Tynagh Energy Ltd	Tynagh - TYC	404	74.2	14.3	6.2	5.3
Viridian	Huntstown - HN2	402	95.3	0.9	0.0	3.8
	Huntstown - HNC	342	89.4	2.0	4.4	4.3
Kelwin	Kelwin - KZ3	2	96.2	0.0	3.8	0.0

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

Unit-by-Unit 365 Day Rolling Availability			
Company	Unit	Capacity (MW)	Annual Availability %
Enel X	AE1	82	11.1
	AE2	13	27.6
	AE3	14	34.8
	AE4	16	7.3
	AE5	16	0.0
	EN1	16	5.1
	EN2	17	0.0
	EN3	17	33.7
	EN4	16	35.5
	EN5	6	0.1
	EN6	31	21.8
	EN8	24	27.5
	EN9	16	31.8
EX1	21	0.0	
DAE VPP	DP1	18	36.9
	DP2	21	26.2
	DP3	9	4.4
VIOTAS	EE1	56	20.0
	EE2	28	17.1
	EE3	11	9.2
	EE4	14	5.6
	EE5	12	55.0
	EE6	14	42.1
	EE7	7	29.2
	EE8	16	36.6
	EE9	12	23.6
	VS1	8	N/A
	VS2	11	N/A
Electric Ireland	EI1	14	42.7
Endeco	EC1	52	23.3
	EC2	13	29.5
	EC3	6	41.9
	EC4	5	45.3
	EC5	21	20.6
Energy Trading Ireland	ET1	5	0.0
Powerhouse	PG1	9	27.6
	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 – August 2023 to July 2024

Unit-by-Unit 365 Day Rolling Availability					
Company	Unit	Capacity (MWh)	Annual Availability %	Annual Forced %	Annual Scheduled %
Low Carbon	Porterstown - PN1	30 (27 MWh)	98.0	2.0	0.0
Statkraft	Beenanaspuck and Tobertoreen – XT2	11 (5.66 MWh)	96.0	4.0	0.0
	Kelwin – KZ4	27 (13.4 MWh)	98.7	1.0	0.3
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)	97.9	2.1	0.0

Table 8: 365 Day Rolling System Total Average Availability – August 2023 to July 2024

	365 Day Availability %	365 Day Forced %	365 Day Scheduled %	365 Day Ambient %	365 Day FOR
Conventional	78.3	17.6	2.5	1.6	18.1
Battery	97.9	2.0	0.1	N/A	2.0
DSU	19.5	N/A	N/A	N/A	N/A