

EirGrid Monthly Availability Report

December 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 – December 2024

Unit-by-Unit Average Monthly Availability							
Company	Unit	Capacity	Monthly Availability %	Monthly Forced %	Monthly Scheduled %	Monthly Ambient %	
Aughinish Alumina Ltd	Seal Rock - SK3	83	97.1	0.0	0.0	2.9	
	Seal Rock - SK4	83	98.9	0.0	0.0	1.1	
Bord Gáis	Whitegate - WG1	444	87.4	11.8	0.0	0.8	
Dublin Waste to Energy	DWTE - DW1	62	58.6	41.4	0.0	0.0	
ESB Energy Ireland	Aghada - AD2	449	84.3	15.3	0.0	0.5	
	Aghada - AT1	90	99.0	1.0	0.0	0.0	
	Aghada - AT2	90	100.0	0.0	0.0	0.0	
	Aghada - AT4	90	99.5	0.5	0.0	0.0	
	Ardnacrusha - AA1	21	93.5	6.5	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	99.7	0.3	0.0	0.0	
	Erne - ER1	10	99.9	0.1	0.0	0.0	
	Erne - ER2	10	99.9	0.1	0.0	0.0	
	Erne - ER3	23	98.1	1.9	0.0	0.0	
	Erne - ER4	23	0.0	100.0	0.0	0.0	
	Lee - LE1	15	98.9	1.1	0.0	0.0	
	Lee - LE2	4	97.9	2.1	0.0	0.0	
	Lee - LE3	8	100.0	0.0	0.0	0.0	
	Liffey - LI1	15	78.0	22.0	0.0	0.0	
	Liffey - LI2	15	99.9	0.1	0.0	0.0	
	Liffey - LI4	4	0.0	100.0	0.0	0.0	
	Liffey - LI5	4	50.0	50.0	0.0	0.0	
	Moneypoint - MP1	285	63.8	36.3	0.0	0.0	
	Moneypoint - MP2	285	49.5	50.5	0.0	0.0	
	Moneypoint - MP3	285	0.0	100.0	0.0	0.0	
	Poolbeg - PBA	240	82.3	17.7	0.0	0.0	
	Poolbeg - PBB	236	99.6	0.4	0.0	0.0	
	Poolbeg - PB7	64	88.2	11.8	0.0	0.0	
	Ringsend - IS3	64	99.7	0.3	0.0	0.0	
	Turlough Hill - TH1	73	98.0	2.0	0.0	0.0	
	Turlough Hill - TH2	73	98.8	1.2	0.0	0.0	
	Turlough Hill - TH3	73	94.1	6.0	0.0	0.0	
	Turlough Hill - TH4	73	90.9	1.2	7.9	0.0	
	Edenderry Power Ltd	Edenderry - ED1	118	63.9	36.1	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	80.5	17.6	0.9	1.0	
	Rhode - RP1	52	67.9	32.1	0.0	0.0	
	Rhode - RP2	52	99.6	0.4	0.0	0.0	
	Tawnaghmore - TP1	52	99.6	0.4	0.0	0.0	
	Tawnaghmore - TP3	52	99.4	0.7	0.0	0.0	
Indaver	Indaver - IW1	17	99.7	0.3	0.0	0.0	
Synergen	Dublin Bay - DB1	415	99.2	0.0	0.0	0.8	
Tynagh Energy Ltd	Tynagh - TYC	404	96.1	0.0	0.0	3.9	
Viridian	Huntstown - HN2	402	94.4	2.4	1.7	1.5	
	Huntstown - HNC	342	95.7	0.2	0.0	4.1	
Kelwin	Kelwin - KZ3	2	100.0	0.0	0.0	0.0	

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

Unit-by-Unit Average Monthly Availability			
Company	Unit	Capacity	Monthly Availability %
Enel X	AE1	81	9.2
	AE2	13	6.7
	AE3	14	0.0
	AE4	16	0.0
	AE5	16	0.0
	EN1	16	0.0
	EN2	17	0.0
	EN3	17	30.4
	EN4	16	32.3
	EN5	6	0.0
	EN6	31	21.0
	EN8	24	15.8
	EN9	16	35.7
	EX1	21	0.0
DAE VPP	DP1	9	66.7
	DP2	22	32.5
	DP3	9	55.6
VIOTAS	EE1 ²	59	10.9
	EE2	26	23.2
	EE3	13	13.1
	EE4	16	18.9
	EE5	22	6.6
	EE6	14	33.5
	EE7	37	31.2
	EE8	5	33.1
	EE9	5	28.4
	VS1 ³	5	0.0
VS2	7	0.0	
Endeco	EC1	53	16.5
	EC2	13	34.5
	EC3	6	27.9
	EC4	5	44.5
	EC5	18	11.3
	EC6	5	0.0
Energy Trading Ireland	ET1	5	0.0
Powerhouse	PG1	11	14.4
	PG2	5	32.5
	PG6	5	36.8
Aughinish Alumina	EB1	25	15.8
IPower Ltd	IR1	7	14.3

² EE1 decreased from 63 MW to 59 MW

³ VS1 increased from 0 MW to 5 MW

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

Unit-by-Unit Average Monthly Availability					
Company	Unit	Capacity	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)	99.9	0.1	0.0
	Kelwin – KZ4	27 (13.4 MWh)	100.0	0.0	0.0
NTR	Gorey – OD1	9 (4.5 MWh)	99.8	0.2	0.0
Killala Community Wind Farm	Killala – KF2	11 (10.8 MWh)	90.8	9.2	0.0
ESB	Aghada – AD3	19 (37.1 MWh)	100.0	0.0	0.0
	Aghada – AD4	75 (150 MWh)	95.7	4.3	0.0
	Kylemore – IH1	30 (60 MWh)	99.2	0.8	0.0
	Poolbeg - PB8	75 (150 MWh)	99.7	0.3	0.0
	Irishtown - IS2	30 (61.35 MWh)	100.0	0.0	0.0
Scottish Power	Gorman - GF1	50 (32.2 MWh)	92.7	7.3	0.0
Innogy/RWE	Lisdrumdoagh - LF1	60 (26.280 MWh)	98.6	1.4	0.0
	Gardnershill – GP1	9 (9.58 MWh)	99.5	0.5	0.0
ElectroRoute	Lumcloon – LU1	50 (30.7 MWh)	100.0	0.0	0.0
	Lumcloon – LU2	50 (30.7 MWh)	100.0	0.0	0.0
Avonbeg	Avonbeg - AV1	16 (7.64 MWh)	98.8	1.2	0.0

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

	Monthly Availability %	Monthly Forced %	Monthly Scheduled %	Monthly Ambient %	Monthly FOR
Conventional	83.0	15.8	0.3	0.9	15.9
Battery	98.3	1.7	0.0	N/A	1.7
DSU	16.9	N/A	N/A	N/A	N/A

Table 5: Unit-by-Unit 365 Day Rolling Availability Conventional Units – January 2024 to December 2024

Unit-by-Unit 365 Day Rolling Availability							
Company	Unit	Capacity	Yearly Availability %	Yearly Forced %	Yearly Scheduled %	Yearly Ambient %	
Aughinish Alumina Ltd	Seal Rock - SK3	83	89.7	1.8	3.5	5.0	
	Seal Rock - SK4	83	76.0	0.8	22.1	1.2	
Bord Gáis	Whitegate - WG1	444	90.2	3.3	4.4	2.2	
Dublin Waste to Energy	DWTE - DW1	62	82.4	14.7	2.9	0.0	
ESB Energy Ireland	Aghada - AD2	449	39.9	59.2	0.0	0.9	
	Aghada - AT1	90	92.3	7.6	0.1	0.0	
	Aghada - AT2	90	62.3	36.8	0.9	0.0	
	Aghada - AT4	90	68.9	31.1	0.0	0.0	
	Ardnacrusha - AA1	21	41.5	20.0	38.5	0.0	
	Ardnacrusha - AA2	22	96.9	2.0	1.2	0.0	
	Ardnacrusha - AA3	19	95.6	3.3	1.2	0.0	
	Ardnacrusha - AA4	24	93.9	1.2	5.0	0.0	
	Erne - ER1	10	98.2	0.6	1.2	0.0	
	Erne - ER2	10	89.8	10.2	0.0	0.0	
	Erne - ER3	23	98.3	0.5	1.2	0.0	
	Erne - ER4	23	12.7	87.3	0.0	0.0	
	Lee - LE1	15	93.8	3.1	3.2	0.0	
	Lee - LE2	4	89.1	5.8	5.1	0.0	
	Lee - LE3	8	94.1	2.6	3.3	0.0	
	Liffey - LI1	15	87.6	9.6	2.8	0.0	
	Liffey - LI2	15	89.7	7.5	2.8	0.0	
	Liffey - LI4	4	17.1	79.8	3.1	0.0	
	Liffey - LI5	4	46.9	46.2	7.0	0.0	
	Moneypoint - MP1	285	63.9	31.8	4.4	0.0	
	Moneypoint - MP2	285	60.6	39.4	0.0	0.0	
	Moneypoint - MP3	285	40.1	44.7	15.2	0.0	
	Poolbeg - PBA	240	91.3	8.2	0.0	0.5	
	Poolbeg - PBB	236	84.9	14.6	0.0	0.5	
	Poolbeg - PB7	64	N/A	N/A	N/A	N/A	
	Ringsend - IS3	64	N/A	N/A	N/A	N/A	
	Turlough Hill - TH1	73	98.2	0.4	1.5	0.0	
	Turlough Hill - TH2	73	96.2	2.6	1.2	0.0	
	Turlough Hill - TH3	73	97.2	1.6	1.3	0.0	
	Turlough Hill - TH4	73	97.0	0.8	2.2	0.0	
	Edenderry Power Ltd	Edenderry - ED1	118	58.3	40.2	1.5	0.0
		Edenderry - ED3	58	99.7	0.2	0.2	0.0
		Edenderry - ED5	58	99.8	0.0	0.2	0.0
SSE Generation Ireland	Great Island - GI4	464	75.8	22.4	0.1	1.8	
	Rhode - RP1	52	85.6	6.7	7.8	0.0	
	Rhode - RP2	52	87.4	4.8	7.8	0.0	
	Tawnaghmore - TP1	52	82.4	14.5	3.1	0.0	
	Tawnaghmore - TP3	52	96.1	0.9	3.1	0.0	
Indaver	Indaver - IW1	17	92.6	4.4	3.0	0.0	
Synergen	Dublin Bay - DB1	415	81.7	16.6	0.0	1.6	
Tynagh Energy Ltd	Tynagh - TYC	404	72.1	18.8	4.3	4.8	
Viridian	Huntstown - HN2	402	89.6	1.2	6.0	3.3	
	Huntstown - HNC	342	89.5	1.6	4.4	4.6	
Kelwin	Kelwin - KZ3	2	97.3	0.3	2.3	0.0	

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

Unit-by-Unit 365 Day Rolling Availability			
Company	Unit	Capacity	Yearly Availability %
Enel X	AE1	81	12.2
	AE2	13	22.0
	AE3	14	47.9
	AE4	16	1.6
	AE5	16	0.0
	EN1	16	0.7
	EN2	17	0.0
	EN3	17	41.4
	EN4	16	44.1
	EN5	6	0.0
	EN6	31	21.5
	EN8	24	26.6
	EN9	16	31.4
EX1	21	0.0	
DAE VPP	DP1	9	37.2
	DP2	22	37.1
	DP3	9	13.5
VIOTAS	EE1	59	17.9
	EE2	26	21.4
	EE3	13	10.5
	EE4	16	9.5
	EE5	22	51.3
	EE6	14	42.9
	EE7	37	31.3
	EE8	5	37.1
	EE9	5	26.8
	VS1	5	17.9
VS2	7	N/A	
Endeco	EC1	53	20.9
	EC2	13	25.7
	EC3	6	37.8
	EC4	5	48.3
	EC5	18	17.6
	EC6	5	N/A
Energy Trading Ireland	ET1	5	0.0
Powerhouse	PG1	11	22.8
	PG2	5	N/A
	PG6	5	N/A
Aughinish Alumina	EB1	25	3.0
IPower ltd	IR1	7	N/A

Table 7: Unit-by-Unit 365 Day Rolling Availability Batteries – January 2024 to December 2024

Unit-by-Unit 365 Day Rolling Availability					
Company	Unit	Capacity	Yearly Availability %	Yearly Forced %	Yearly Scheduled %
Low Carbon	Porterstown - PN1	30 (27 MWh)	97.9	2.1	0.0
Statkraft	Beenanaspuck and Tobertoreen – XT2	11 (5.66 MWh)	96.3	3.7	0.0
	Kelwin – KZ4	27 (13.4 MWh)	99.2	0.8	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)	88.9	11.1	0.0
ESB	Aghada – AD3	19 (37.1 MWh)	97.6	1.2	1.2
	Aghada – AD4	75 (150 MWh)	N/A	N/A	N/A
	Kylemore – IH1	30 (60 MWh)	95.9	2.6	1.5
	Poolbeg - PB8	75 (150 MWh)	94.2	2.6	3.1
	Irishstown - IS2	30 (61.35 MWh)	N/A	N/A	N/A
Scottish Power	Gorman - GF1	50 (32.2 MWh)	96.6	3.0	0.4
Innogy/RWE	Lisdrumdoagh - LF1	60 (26.280 MWh)	80.7	19.3	0.0
	Gardnershill – GP1	9 (9.58 MWh)	97.2	2.8	0.0
ElectroRoute	Lumcloon – LU1	50 (30.7 MWh)	N/A	N/A	N/A
	Lumcloon – LU2	50 (30.7 MWh)	N/A	N/A	N/A
Avonbeg	Avonbeg - AV1	16 (7.64 MWh)	N/A	N/A	N/A

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

	365 Day Availability %	365 Day Forced %	365 Day Scheduled %	365 Day Ambient %	365 Day FOR
Conventional	76.0	19.3	3.3	1.5	20.0
Battery	93.2	5.8	1.0	N/A	5.9
DSU	20.9	N/A	N/A	N/A	N/A