

EirGrid Monthly Availability Report

October 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 – October 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	91.1	4.4	0.0	4.6	
	Seal Rock - SK4	83	97.5	0.0	0.0	2.5	
Bord Gáis	Whitegate - WG1	444	95.4	1.9	0.0	2.7	
Dublin Waste to Energy	DWTE - DW1	62	96.2	3.8	0.0	0.0	
ESB Energy Ireland	Aghada - AD2	449	81.4	16.5	0.0	2.2	
	Aghada - AT1	90	93.0	7.0	0.0	0.0	
	Aghada - AT2	90	0.0	100.0	0.0	0.0	
	Aghada - AT4	90	0.0	100.0	0.0	0.0	
	Ardnacrusha - AA1	21	0.0	100.0	0.0	0.0	
	Ardnacrusha - AA2	22	97.4	2.6	0.0	0.0	
	Ardnacrusha - AA3	19	80.7	19.3	0.0	0.0	
	Ardnacrusha - AA4	24	100.0	0.0	0.0	0.0	
	Erne - ER1	10	100.0	0.0	0.0	0.0	
	Erne - ER2	10	58.5	41.5	0.0	0.0	
	Erne - ER3	23	98.5	1.5	0.0	0.0	
	Erne - ER4	23	0.0	100.0	0.0	0.0	
	Lee - LE1	15	99.3	0.7	0.0	0.0	
	Lee - LE2	4	96.5	3.5	0.0	0.0	
	Lee - LE3	8	98.4	1.6	0.0	0.0	
	Liffey - LI1	15	100.0	0.0	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	0.0	100.0	0.0	0.0	
	Moneypoint - MP1	285	72.1	27.9	0.0	0.0	
	Moneypoint - MP2	285	74.6	25.4	0.0	0.0	
	Moneypoint - MP3	285	0.0	19.7	80.3	0.0	
	Poolbeg - PBA	240	63.8	36.2	0.0	0.0	
	Poolbeg - PBB	236	53.6	46.5	0.0	0.0	
	Poolbeg - PB7	64	95.66	4.34	0.0	0.0	
	Ringsend - IS3	64	99.4	0.6	0.0	0.0	
	Turlough Hill - TH1	73	99.7	0.3	0.0	0.0	
	Turlough Hill - TH2	73	99.2	0.3	0.5	0.0	
	Turlough Hill - TH3	73	99.6	0.4	0.0	0.0	
	Turlough Hill - TH4	73	99.7	0.3	0.0	0.0	
	Edenderry Power Ltd	Edenderry - ED1	118	60.5	39.5	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	96.5	0.0	0.0	3.5	
	Rhode - RP1	52	100.0	0.0	0.0	0.0	
	Rhode - RP2	52	98.7	1.4	0.0	0.0	
	Tawnaghmore - TP1	52	100.0	0.0	0.0	0.0	
	Tawnaghmore - TP3	52	98.3	1.7	0.0	0.0	
Indaver	Indaver - IW1	17	99.2	0.8	0.0	0.0	
Synergen	Dublin Bay - DB1	415	97.5	0.0	0.0	2.5	
Tynagh Energy Ltd	Tynagh - TYC	404	91.9	1.3	0.0	6.7	
Viridian	Huntstown - HN2	402	21.5	10.1	67.7	0.7	
	Huntstown - HNC	342	86.8	7.7	0.0	5.5	
Kelwin	Kelwin - KZ3	2	100.0	0.0	0.0	0.0	

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

Unit-by-Unit Average Monthly Availability			
Company	Unit	Capacity	Monthly Availability %
Enel X	AE1	81	12.0
	AE2	13	13.9
	AE3	14	57.0
	AE4	16	0.0
	AE5	16	0.0
	EN1	16	0.0
	EN2	17	0.0
	EN3	17	39.6
	EN4	16	42.1
	EN5	6	0.0
	EN6	31	22.7
	EN8	24	35.3
	EN9	16	14.5
	EX1	21	0.0
DAE VPP	DP1	18	30.8
	DP2	21	36.5
	DP3	9	0.0
VIOTAS	EE1	63	19.1
	EE2	26	37.6
	EE3	13	15.2
	EE4	16	18.8
	EE5	22	39.5
	EE6	14	45.5
	EE7	37	32.0
	EE8	5	29.9
	EE9	5	24.9
	VS1	0	0.0
	VS2	7	0.0
Endeco	EC1 ²	53	18.0
	EC2	13	31.2
	EC3	5	32.1
	EC4	5	52.6
	EC5 ³	18	13.3
Energy Trading Ireland	ET1	5	0.0
Powerhouse	PG1 ⁴	11	21.3
	PG2 ⁵	5	33.2
Aughinish Alumina	EB1	25	7.3
IPower Ltd	IR1	7	14.3

² EC1 increased from 52 MW to 53 MW

³ EC5 decreased from 21 MW to 18 MW

⁴ PG1 increased from 9 to 11 MW

⁵ PG2 decreased from 6 MW to 5 MW

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

Unit-by-Unit Average Monthly Availability					
Company	Unit	Capacity	Monthly Availability %	Monthly Forced %	Monthly Scheduled %
Low Carbon	Porterstown - PN1	30 (27 MWh)	96.2	3.8	0.0
Statkraft	Beenanaspuck and Tobertoreen – XT2	11 (5.66 MWh)	99.1	0.9	0.0
	Kelwin – KZ4	27 (13.4 MWh)	99.3	0.7	0.0
NTR	Gorey – OD1	9 (4.5 MWh)	85.8	14.2	0.0
Killala Community Wind Farm	Killala – KF2	11 (10.8 MWh)	89.3	10.8	0.0
ESB	Aghada – AD3	19 (37.1 MWh)	96.8	3.2	0.0
	Kylemore – IH1	30 (60 MWh)	82.0	18.0	0.0
	Poolbeg - PB8	75 (150 MWh)	99.2	0.8	0.0
Scottish Power	Gorman - GF1	50 (32.2 MWh)	98.8	1.2	0.0
Innogy/RWE	Lisdrumdoagh - LF1	60 (26.280 MWh)	90.7	9.3	0.0
	Gardnershill – GP1	9 (9.58 MWh)	98.7	1.3	0.0
ElectroRoute	Lumcloon – LU1	50 (30.7 MWh)	100.0	0.0	0.0
Avonbeg	Avonbeg - AV1	16 (7.64 MWh)	99.3	0.7	0.0

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

	Monthly Availability %	Monthly Forced %	Monthly Scheduled %	Monthly Ambient %	Monthly FOR
Conventional	74.6	14.9	8.7	1.8	16.3
Battery	95.6	4.4	0.0	N/A	4.4
DSU	20.4	N/A	N/A	N/A	N/A

Table 5: Unit-by-Unit 365 Day Rolling Availability Conventional Units – November 2023 to October 2024

Unit-by-Unit 365 Day Rolling Availability						
Company	Unit	Capacity	Annual Availability %	Annual Forced %	Annual Scheduled %	Annual Ambient %
Aughinish Alumina Ltd	Seal Rock - SK3	83	87.8	3.9	3.5	4.9
	Seal Rock - SK4	83	76.0	0.8	22.1	1.2
Bord Gáis	Whitegate - WG1	444	90.9	2.5	4.4	2.2
Dublin Waste to Energy	DWTE - DW1	62	86.9	13.1	0.0	0.0
ESB Energy Ireland	Aghada - AD2	449	39.9	59.1	0.0	1.0
	Aghada - AT1	90	91.5	8.4	0.1	0.0
	Aghada - AT2	90	69.3	29.8	0.9	0.0
	Aghada - AT4	90	71.7	28.3	0.0	0.0
	Ardnacrusha - AA1	21	48.2	13.3	38.5	0.0
	Ardnacrusha - AA2	22	96.8	2.0	1.2	0.0
	Ardnacrusha - AA3	19	95.2	3.7	1.2	0.0
	Ardnacrusha - AA4	24	84.7	10.3	5.0	0.0
	Erne - ER1	10	98.1	0.7	1.2	0.0
	Erne - ER2	10	91.2	8.8	0.0	0.0
	Erne - ER3	23	98.4	0.4	1.2	0.0
	Erne - ER4	23	29.4	70.6	0.0	0.0
	Lee - LE1	15	93.6	3.2	3.2	0.0
	Lee - LE2	4	88.8	6.0	5.1	0.0
	Lee - LE3	8	95.5	1.2	3.3	0.0
	Liffey - LI1	15	88.7	8.5	2.8	0.0
	Liffey - LI2	15	89.3	7.9	2.8	0.0
	Liffey - LI4	4	33.6	63.3	3.1	0.0
	Liffey - LI5	4	59.3	33.8	7.0	0.0
	Moneypoint - MP1	285	66.4	29.2	4.4	0.0
	Moneypoint - MP2	285	63.2	36.8	0.0	0.0
	Moneypoint - MP3	285	54.0	30.9	15.2	0.0
	Poolbeg - PBA	240	87.8	11.8	0.0	0.5
	Poolbeg - PBB	236	85.7	13.9	0.0	0.5
	Poolbeg - PB7	64	N/A	N/A	N/A	N/A
	Ringsend - IS3	64	N/A	N/A	N/A	NA
	Turlough Hill - TH1	73	98.3	0.2	1.5	0.0
	Turlough Hill - TH2	73	96.2	2.6	1.2	0.0
Turlough Hill - TH3	73	97.7	1.0	1.3	0.0	
Turlough Hill - TH4	73	97.7	0.8	1.5	0.0	
Edenderry Power Ltd	Edenderry - ED1	118	56.5	42.0	1.5	0.0
	Edenderry - ED3	58	99.8	0.2	0.0	0.0
	Edenderry - ED5	58	100.0	0.0	0.0	0.0
SSE Generation Ireland	Great Island - GI4	464	76.5	21.7	0.0	1.8
	Rhode - RP1	52	88.3	4.0	7.8	0.0
	Rhode - RP2	52	87.2	5.1	7.8	0.0
	Tawnaghmore - TP1	52	74.2	22.8	3.1	0.0
	Tawnaghmore - TP3	52	96.6	0.4	3.1	0.0
Indaver	Indaver - IW1	17	92.0	5.0	3.0	0.0
Synergen	Dublin Bay - DB1	415	79.5	18.7	0.0	1.7
Tynagh Energy Ltd	Tynagh - TYC	404	71.9	18.8	4.3	5.0
Viridian	Huntstown - HN2	402	89.2	1.7	5.8	3.4
	Huntstown - HNC	342	89.6	1.6	4.4	4.4
Kelwin	Kelwin - FZ3	2	97.3	0.3	2.4	0.0

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

Unit-by-Unit 365 Day Rolling Availability			
Company	Unit	Capacity	Annual Availability %
Enel X	AE1	81	11.4
	AE2	13	24.3
	AE3	14	47.9
	AE4	16	3.3
	AE5	16	0.0
	EN1	16	2.3
	EN2	17	0.0
	EN3	17	37.4
	EN4	16	39.1
	EN5	6	0.0
	EN6	31	21.3
	EN8	24	25.8
	EN9	16	29.0
DAE VPP	EX1	21	0.0
	DP1	18	35.1
	DP2	21	35.3
VIOTAS	DP3	9	6.5
	EE1	63	18.9
	EE2	26	19.1
	EE3	13	9.5
	EE4	16	7.0
	EE5	22	54.1
	EE6	14	43.4
	EE7	37	31.6
	EE8	5	35.7
	EE9	5	22.5
	VS1	0	19.4
VS2	7	24.9	
Electric Ireland	EI1	14	30.4
Endeco	EC1	52	21.6
	EC2	13	26.3
	EC3	5	40.4
	EC4	5	48.4
	EC5	21	18.5
Energy Trading Ireland	ET1	5	0.0
Powerhouse	PG1	9	25.2
	PG2	6	24.0
Aughinish Alumina	EB1	25	1.4
IPower ltd	IR1	7	22.4

Table 7: Unit-by-Unit 365 Day Rolling Availability Batteries – November 2023 to October 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)	97.8	2.2	0.0
Statkraft	Beenanaspuck and Tobertoreen – XT2	11 (5.66 MWh)	96.0	4.0	0.0
	Kelwin – KZ4	27 (13.4 MWh)	99.1	0.9	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)	93.1	6.9	0.0
	Kylemore – IH1	30 (60 MWh)	95.6	4.4	0.0
	Poolbeg - PB8	75 (150 MWh)	N/A	N/A	N/A
Scottish Power	Gorman - GF1	50 (32.2 MWh)	97.0	2.7	0.3
Innogy/RWE	Lisdrumdoagh - LF1	60 (26.280 MWh)	N/A	N/A	N/A
	Gardnershill – GP1	9 (9.58 MWh)	97.1	2.9	0.0
ElectroRoute	Lumcloon – LU1	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 – November 2023 to October 2024

	365 Day Availability %	365 Day Forced %	365 Day Scheduled %	365 Day Ambient %	365 Day FOR
Conventional	76.9	18.4	3.2	1.5	19.0
Battery	96.7	3.3	0.0	N/A	3.3
DSU	20.9	N/A	N/A	N/A	N/A