

EirGrid Monthly Availability Report

September 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 – September 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	92.1	0.0	0.0	7.9
	Seal Rock - SK4	83	60.5	2.0	35.6	1.9
Bord Gáis	Whitegate - WG1	444	37.8	7.2	53.7	1.3
Dublin Waste to Energy	DWTE - DW1	62	91.5	8.5	0.0	0.0
ESB Energy Ireland	Aghada - AD2	449	95.6	0.9	0.0	3.5
	Aghada - AT1	90	100.0	0.0	0.0	0.0
	Aghada - AT2	90	53.1	46.9	0.0	0.0
	Aghada - AT4	90	0.0	100.0	0.0	0.0
	Ardnacrusha - AA1	21	0.0	57.2	42.8	0.0
	Ardnacrusha - AA2	22	100.0	0.0	0.0	0.0
	Ardnacrusha - AA3	19	85.8	0.0	14.2	0.0
	Ardnacrusha - AA4	24	100.0	0.0	0.0	0.0
	Erne - ER1	10	97.3	2.7	0.0	0.0
	Erne - ER2	10	97.3	2.7	0.0	0.0
	Erne - ER3	23	99.1	0.9	0.0	0.0
	Erne - ER4	23	0.0	100.0	0.0	0.0
	Lee - LE1	15	92.7	7.3	0.0	0.0
	Lee - LE2	4	93.5	6.5	0.0	0.0
	Lee - LE3	8	93.4	6.6	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	0.0	100.0	0.0	0.0
	Liffey - LI5	4	0.0	100.0	0.0	0.0
	Moneypoint - MP1	285	72.3	27.7	0.0	0.0
	Moneypoint - MP2	285	68.8	31.2	0.0	0.0
	Moneypoint - MP3	285	0.0	0.0	100.0	0.0
	Poolbeg - PBA	240	92.6	5.9	0.0	1.5
	Poolbeg - PBB	236	1.7	98.3	0.0	0.0
Turlough Hill - TH1	73	100.0	0.0	0.0	0.0	
Turlough Hill - TH2	73	98.4	1.6	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	0.0	100.0	0.0	0.0
	Edenderry - ED3	58	99.6	0.4	0.0	0.0
	Edenderry - ED5	58	100.0	0.1	0.0	0.0
SSE Generation Ireland	Great Island - GI4	464	96.7	0.0	0.0	3.3
	Rhode - RP1	52	85.9	14.1	0.0	0.0
	Rhode - RP2	52	99.7	0.4	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	100.0	0.0	0.0	0.0
Synergen	Dublin Bay - DB1	415	15.6	84.1	0.0	0.3
Tynagh Energy Ltd	Tynagh - TYC	404	91.5	0.0	0.0	8.5
Viridian	Huntstown - HN2	402	95.9	0.0	0.0	4.1
	Huntstown - HNC	342	93.8	1.4	0.1	4.7
Kelwin	Kelwin – KZ3	2	100.0	0.0	0.0	0.0

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

Unit-by-Unit Average Monthly Availability			
Company	Unit	Capacity (MW)	Monthly Availability %
Enel X	AE1	81	12.9
	AE2	13	21.0
	AE3	14	55.9
	AE4	16	0.0
	AE5	16	0.0
	EN1	16	0.0
	EN2	17	0.0
	EN3	17	38.3
	EN4	16	40.3
	EN5	6	0.0
	EN6	31	7.9
	EN8	24	28.0
	EN9	16	41.8
	EX1	21	0.0
DAE VPP	DP1	18	33.2
	DP2	21	58.6
	DP3	9	10.9
VIOTAS	EE1	63	18.2
	EE2	26	22.2
	EE3	13	8.9
	EE4	16	6.2
	EE5	22	61.5
	EE6	14	46.2
	EE7	37	38.6
	EE8	5	40.9
	EE9	5	35.4
	VS1	0	21.9
	VS2	7	29.7
Electric Ireland	EI1	14	7.1
Endeco	EC1	52	18.4
	EC2	13	20.2
	EC3	5	44.6
	EC4	5	55.4
	EC5	21	15.4
Energy Trading Ireland	ET1	5	0.0
Powerhouse	PG1	9	25.2
	PG2	6	32.6
Aughinish Alumina	EB1	25	0.9
IPower ltd	IR1	7	14.3

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

Unit-by-Unit Average Monthly Availability					
Company	Unit	Capacity (MWh)	Monthly Availability %	Monthly Forced %	Monthly Scheduled %
Low Carbon	Porterstown - PN1	30 (27 MWh)	99.6	0.4	0.0
Statkraft	Beenanaspuck and Tobertoreen – XT2	11 (5.66 MWh)	99.0	1.0	0.0
	Kelwin – KZ4	27 (13.4 MWh)	99.8	0.2	0.0
NTR	Gorey – OD1	9 (4.5 MWh)	99.0	1.0	0.0
Killala Community Wind Farm	Killala – KF2	11 (10.8 MWh)	88.6	11.4	0.0
ESB	Aghada – AD3	19 (37.1 MWh)	95.6	4.4	0.0
	Kylemore – IH1	30 (60 MWh)	99.6	0.4	0.0
	Poolbeg - PB8	75 (150 MWh)	99.5	0.5	0.0
Scottish Power	Gorman - GF1	50 (32.2 MWh)	93.5	6.5	0.0
Innogy/RWE	Lisdrumdoagh - LF1	60 (26.280 MWh)	87.1	12.9	0.0
	Gardnershill – GP1	9 (9.58 MWh)	98.1	1.9	0.0
ElectroRoute	Lumcloon – LU1	50 (30.7 MWh)	99.9	0.1	0.0

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

	Monthly Availability %	Monthly Forced %	Monthly Scheduled %	Monthly Ambient %	Monthly FOR
Conventional	68.6	19.5	9.9	2.0	21.6
Battery	96.3	3.7	0.0	N/A	3.7
DSU	21.6	N/A	N/A	N/A	N/A

Table 5: Unit-by-Unit 365 Day Rolling Availability Conventional Units – October 2023 to September 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	88.0	3.5	3.5	5.1
	Seal Rock - SK4	83	75.7	1.2	22.1	1.1
Bord Gáis	Whitegate - WG1	444	90.8	2.5	4.4	2.3
Dublin Waste to Energy	DWTE - DW1	62	87.1	12.9	0.0	0.0
ESB Energy Ireland	Aghada - AD2	449	37.8	61.1	0.0	1.0
	Aghada - AT1	90	92.1	7.8	0.1	0.0
	Aghada - AT2	90	77.8	21.2	0.9	0.0
	Aghada - AT4	90	80.3	19.7	0.0	0.0
	Ardnacrusha - AA1	21	56.8	4.8	38.4	0.0
	Ardnacrusha - AA2	22	97.1	1.7	1.2	0.0
	Ardnacrusha - AA3	19	88.1	10.8	1.2	0.0
	Ardnacrusha - AA4	24	76.0	19.0	5.0	0.0
	Erne - ER1	10	98.1	0.8	1.2	0.0
	Erne - ER2	10	94.7	5.3	0.0	0.0
	Erne - ER3	23	98.6	0.3	1.2	0.0
	Erne - ER4	23	38.1	61.9	0.0	0.0
	Lee - LE1	15	93.7	3.2	3.1	0.0
	Lee - LE2	4	89.2	5.7	5.1	0.0
	Lee - LE3	8	95.6	1.1	3.3	0.0
	Liffey - LI1	15	83.6	13.6	2.8	0.0
	Liffey - LI2	15	84.2	13.0	2.8	0.0
	Liffey - LI4	4	42.3	54.6	3.1	0.0
	Liffey - LI5	4	67.9	25.2	6.9	0.0
	Moneypoint - MP1	285	68.0	27.7	4.4	0.0
	Moneypoint - MP2	285	62.5	37.5	0.0	0.0
	Moneypoint - MP3	285	56.2	35.5	8.3	0.0
	Poolbeg - PBA	240	82.3	15.5	1.8	0.5
	Poolbeg - PBB	236	86.1	13.4	0.0	0.5
	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	55.3	43.2	1.5	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	75.4	22.9	0.0	1.7
	Rhode - RP1	52	88.3	3.9	7.7	0.0
	Rhode - RP2	52	87.3	4.9	7.8	0.0
	Tawnaghmore - TP1	52	69.9	27.1	3.1	0.0
Tawnaghmore - TP3	52	96.7	0.3	3.0	0.0	
Indaver	Indaver - IW1	17	92.1	5.0	3.0	0.0
Synergen	Dublin Bay - DB1	415	78.7	19.5	0.0	1.7
Tynagh Energy Ltd	Tynagh - TYC	404	72.0	18.6	4.3	5.1
Viridian	Huntstown - HN2	402	95.4	0.9	0.0	3.7
	Huntstown - HNC	342	89.7	1.6	4.4	4.3
Kelwin	Kelwin – KZ3	2	96.9	0.3	2.8	0.0

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

Unit-by-Unit 365 Day Rolling Availability			
Company	Unit	Capacity (MW)	Annual Availability %
Enel X	AE1	81	11.1
	AE2	13	25.5
	AE3	14	43.0
	AE4	16	4.4
	AE5	16	0.0
	EN1	16	3.1
	EN2	17	0.0
	EN3	17	35.4
	EN4	16	37.1
	EN5	6	0.0
	EN6	31	20.7
	EN8	24	25.0
	EN9	16	31.1
	EX1	21	0.0
DAE VPP	DP1	18	36.1
	DP2	21	32.8
	DP3	9	6.4
VIOTAS	EE1	63	19.4
	EE2	26	17.5
	EE3	13	9.1
	EE4	16	5.8
	EE5	22	56.9
	EE6	14	42.7
	EE7	37	31.2
	EE8	5	35.4
	EE9	5	25.3
	VS1	0	N/A
	VS2	7	N/A
Electric Ireland	EI1	14	36.3
Endeco	EC1	52	22.2
	EC2	13	27.2
	EC3	6	42.2
	EC4	5	47.3
	EC5	21	19.0
Energy Trading Ireland	ET1	5	0.0
Powerhouse	PG1	9	26.1
	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 – October 2023 to September 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)	97.7	2.3	0.0
Statkraft	Beenanaspuck and Tobertoreen – XT2	11 (5.66 MWh)	96.0	4.0	0.0
	Kelwin – KZ4	27 (13.4 MWh)	99.0	1.0	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)	97.3	2.7	0.0
ElectroRoute	Lumcloon – LU1	50 (30.7 MWh)	N/A	N/A	N/A

Table 8: 365 Day Rolling System Total Average Availability – October 2023 to September 2024

	365 Day Availability %	365 Day Forced %	365 Day Scheduled %	365 Day Ambient %	365 Day FOR
Conventional	77.2	18.8	2.5	1.5	19.3
Battery	97.9	2.1	0.0	N/A	2.1
DSU	20.4	N/A	N/A	N/A	N/A