

# EirGrid Monthly Availability Report

## August 2024

### Definitions

**Availability:** The maximum generation of electricity which generators can achieve during that period<sup>1</sup>

**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](mailto:OutagePlanning@eirgrid.com)

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<sup>1</sup> Based on EDIL (Electronic Dispatch Instruction Logger) declarations



**Table 1: Unit-by-Unit Average Monthly Availability Conventional Units – August 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	92.2	0.0	0.0	7.9
	Seal Rock - SK4	83	0.0	0.0	100.0	0.0
Bord Gáis	Whitegate - WG1	444	95.9	0.0	0.0	4.1
Dublin Waste to Energy	DWTE - DW1	62	95.2	4.8	0.0	0.0
ESB Energy Ireland	Aghada - AD2	449	52.4	44.9	0.0	2.7
	Aghada - AT1	90	100.0	0.0	0.0	0.0
	Aghada - AT2	90	55.6	44.4	0.0	0.0
	Aghada - AT4	90	0.0	100.0	0.0	0.0
	Ardnacrusha - AA1	21	0.0	0.0	100.0	0.0
	Ardnacrusha - AA2	22	91.2	8.8	0.0	0.0
	Ardnacrusha - AA3	19	90.1	9.9	0.0	0.0
	Ardnacrusha - AA4	24	98.7	1.3	0.0	0.0
	Erne - ER1	10	99.4	0.6	0.0	0.0
	Erne - ER2	10	98.8	1.2	0.0	0.0
	Erne - ER3	23	99.4	0.6	0.0	0.0
	Erne - ER4	23	0.0	100.0	0.0	0.0
	Lee - LE1	15	96.1	3.9	0.0	0.0
	Lee - LE2	4	98.6	1.4	0.0	0.0
	Lee - LE3	8	100.0	0.0	0.0	0.0
	Liffey - LI1	15	86.6	13.5	0.0	0.0
	Liffey - LI2	15	86.3	13.7	0.0	0.0
	Liffey - LI4	4	0.0	100.0	0.0	0.0
	Liffey - LI5	4	0.0	71.9	28.1	0.0
	Moneypoint - MP1	285	85.2	14.8	0.0	0.0
	Moneypoint - MP2	285	79.6	20.4	0.0	0.0
	Moneypoint - MP3	285	83.8	14.6	1.6	0.0
	Poolbeg - PBA	240	89.4	10.6	0.0	0.0
	Poolbeg - PBB	236	94.2	4.0	0.0	1.9
	Turlough Hill - TH1	73	100.0	0.0	0.0	0.0
	Turlough Hill - TH2	73	99.5	0.5	0.0	0.0
	Turlough Hill - TH3	73	100.0	0.0	0.0	0.0
	Turlough Hill - TH4	73	99.2	0.8	0.0	0.0
Edenderry Power Ltd	Edenderry - ED1	118	0.0	100.0	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	95.7	0.2	0.0	4.0
	Rhode - RP1	52	99.3	0.7	0.0	0.0
	Rhode - RP2	52	99.8	0.2	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	99.9	0.2	0.0	0.0
Synergen	Dublin Bay - DB1	415	9.1	90.4	0.0	0.5
Tynagh Energy Ltd	Tynagh - TYC	404	34.2	62.5	0.0	3.3
Viridian	Huntstown - HN2	402	93.6	0.0	0.0	6.4
	Huntstown - HNC	342	92.5	0.5	0.1	6.8
Kelwin	Kelwin – KZ3	2	96.6	3.4	0.0	0.0

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

Unit-by-Unit Average Monthly Availability			
Company	Unit	Capacity (MW)	Monthly Availability %
Enel X	AE1	82	11.7
	AE2	13	24.8
	AE3	14	52.7
	AE4	16	0.0
	AE5	16	0.0
	EN1	16	0.0
	EN2	17	0.0
	EN3	17	34.6
	EN4	16	36.7
	EN5	6	0.0
	EN6	31	22.1
	EN8	24	27.8
	EN9	16	46.3
	EX1	21	0.0
DAE VPP	DP1	18	33.2
	DP2	21	49.0
	DP3	9	19.5
VIOTAS	EE1	56	18.3
	EE2	28	19.9
	EE3	11	8.6
	EE4	14	6.5
	EE5	12	55.2
	EE6	14	52.6
	EE7	7	42.7
	EE8	16	38.7
	EE9	12	39.6
	VS1	8	19.5
	VS2	11	14.7
Electric Ireland	EI1	14	17.7
Endeco	EC1	52	21.8
	EC2	12	20.7
	EC3	5	45.4
	EC4	5	49.0
	EC5	21	13.2
Energy Trading Ireland	ET1	5	0.0
Powerhouse	PG1	9	20.9
	PG2	6	31.2
Aughinish Alumina	EB1	25	0.1
IPower ltd	IR1	7	14.3

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

Unit-by-Unit Average Monthly Availability					
Company	Unit	Capacity (MWh)	Monthly Availability %	Monthly Forced %	Monthly Scheduled %
Low Carbon	Porterstown - PN1	30 (27 MWh)	92.2	7.8	0.0
Statkraft	Beenanaspuck and Tobertoreen – XT2	11 (5.66 MWh)	97.8	2.2	0.0
	Kelwin – KZ4	27 (13.4 MWh)	99.8	0.2	0.0
NTR	Gorey – OD1	9 (4.5 MWh)	98.5	1.5	0.0
Killala Community Wind Farm	Killala – KF2	11 (10.8 MWh)	90.5	9.5	0.0
ESB	Aghada – AD3	19 (37.1 MWh)	100.0	0.0	0.0
	Kylemore – IH1	30 (60 MWh)	92.1	7.9	0.0
	Poolbeg - PB8	75 (150 MWh)	99.9	0.1	0.0
Scottish Power	Gorman - GF1	50 (32.2 MWh)	99.9	0.1	0.0
Innogy/RWE	Lisdrumdoagh - LF1	60 (26.280 MWh)	96.7	3.3	0.0
	Gardnershill – GP1	9 (9.58 MWh)	99.2	0.8	0.0
ElectroRoute	Lumcloon – LU1	50 (30.7 MWh)	100.0	0.0	0.0

**Table 4: Monthly Capacity-Weighted Average Availability – August 2024**

	Monthly Availability %	Monthly Forced %	Monthly Scheduled %	Monthly Ambient %	Monthly FOR
Conventional	73.2	22.7	1.9	2.2	23.2
Battery	97.8	2.2	0.0	N/A	2.2
DSU	21.1	N/A	N/A	N/A	N/A

**Table 5: Unit-by-Unit 365 Day Rolling Availability Conventional Units – September 2023 to August 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	5.0	
	Seal Rock - SK4	83	77.8	2.0	19.1	1.1	
Bord Gáis	Whitegate - WG1	444	94.8	2.1	0.6	2.5	
Dublin Waste to Energy	DWTE - DW1	62	87.3	12.7	0.0	0.0	
ESB Energy Ireland	Aghada - AD2	449	37.8	61.1	0.0	1.1	
	Aghada - AT1	90	92.1	7.8	0.1	0.0	
	Aghada - AT2	90	81.7	17.4	0.9	0.0	
	Aghada - AT4	90	88.5	11.5	0.0	0.0	
	Ardnacrusha - AA1	21	63.7	0.2	36.1	0.0	
	Ardnacrusha - AA2	22	93.9	4.9	1.2	0.0	
	Ardnacrusha - AA3	19	81.0	19.0	0.0	0.0	
	Ardnacrusha - AA4	24	68.5	26.6	5.0	0.0	
	Erne - ER1	10	97.1	0.5	2.4	0.0	
	Erne - ER2	10	93.3	6.8	0.0	0.0	
	Erne - ER3	23	98.6	0.2	1.2	0.0	
	Erne - ER4	23	46.3	53.7	0.0	0.0	
	Lee - LE1	15	94.3	2.6	3.1	0.0	
	Lee - LE2	4	89.7	5.2	5.1	0.0	
	Lee - LE3	8	96.1	0.6	3.3	0.0	
	Liffey - LI1	15	75.4	21.8	2.8	0.0	
	Liffey - LI2	15	76.0	21.2	2.8	0.0	
	Liffey - LI4	4	49.2	47.7	3.1	0.0	
	Liffey - LI5	4	76.0	17.0	6.9	0.0	
	Moneypoint - MP1	285	68.0	27.6	4.4	0.0	
	Moneypoint - MP2	285	56.8	43.2	0.0	0.0	
	Moneypoint - MP3	285	61.3	38.5	0.1	0.0	
	Poolbeg - PBA	240	75.0	15.0	9.7	0.3	
	Poolbeg - PBB	236	93.6	5.8	0.0	0.6	
	Turlough Hill - TH1	73	98.2	0.3	1.5	0.0	
	Turlough Hill - TH2	73	96.3	2.5	1.2	0.0	
	Turlough Hill - TH3	73	97.6	1.1	1.3	0.0	
	Turlough Hill - TH4	73	97.6	0.9	1.5	0.0	
	Edenderry Power Ltd	Edenderry - ED1	118	56.3	38.6	5.1	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	75.3	22.9	0.0	1.8
Rhode - RP1		52	89.5	2.8	7.7	0.0	
Rhode - RP2		52	87.3	4.9	7.8	0.0	
Tawnaghmore - TP1		52	65.7	31.1	3.3	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	83.7	14.4	0.0	2.0	
Tynagh Energy Ltd	Tynagh - TYC	404	69.4	19.5	6.2	4.9	
Viridian	Huntstown - HN2	402	95.3	0.9	0.0	3.8	
	Huntstown - HNC	342	89.3	2.1	4.4	4.3	
Kelwin	Kelwin - KZ3	2	96.2	0.3	3.5	0.0	

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

Unit-by-Unit 365 Day Rolling Availability			
Company	Unit	Capacity (MW)	Annual Availability %
Enel X	AE1	82	10.9
	AE2	13	26.8
	AE3	14	38.9
	AE4	16	5.8
	AE5	16	0.0
	EN1	16	4.1
	EN2	17	0.0
	EN3	17	34.4
	EN4	16	36.1
	EN5	6	0.1
	EN6	31	21.4
	EN8	24	26.7
	EN9	16	31.6
EX1	21	0.0	
DAE VPP	DP1	18	36.9
	DP2	21	28.8
	DP3	9	5.5
VIOTAS	EE1	56	19.5
	EE2	28	17.2
	EE3	11	9.1
	EE4	14	5.5
	EE5	12	55.0
	EE6	14	42.4
	EE7	7	30.3
	EE8	16	35.8
	EE9	12	24.4
	VS1	8	N/A
	VS2	11	N/A
Electric Ireland	EI1	14	41.8
Endeco	EC1	52	22.8
	EC2	13	28.2
	EC3	6	42.3
	EC4	5	46.2
	EC5	21	20.1
Energy Trading Ireland	ET1	5	0.0
Powerhouse	PG1	9	26.7
	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 – September 2023 to August 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)	97.3	2.7	0.0
Statkraft	Beenanaspuck and Tobertoreen – XT2	11 (5.66 MWh)	95.9	4.1	0.0
	Kelwin – KZ4	27 (13.4 MWh)	98.8	1.2	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)	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 – September 2023 to August 2024**

	365 Day Availability %	365 Day Forced %	365 Day Scheduled %	365 Day Ambient %	365 Day FOR
<b>Conventional</b>	77.7	18.4	2.3	1.6	18.8
<b>Battery</b>	97.6	2.4	0.0	N/A	2.4
<b>DSU</b>	19.5	N/A	N/A	N/A	N/A