

EirGrid Monthly Availability Report

December 2023

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 2023

Unit-by-Unit Average Monthly Availability – December 2023						
Company	Unit	Capacity	Monthly Availability %	Monthly Forced %	Monthly Scheduled %	Monthly Ambient %
Aughinish Alumina Ltd	Seal Rock - SK3	83	86.6	11.2	0.0	2.1
	Seal Rock - SK4	83	99.0	0.0	0.0	0.9
Bord Gáis	Whitegate - WG1	444	98.0	1.0	0.0	1.0
Dublin Waste to Energy	DWTE - DW1	62	99.3	0.7	0.0	0.0
ESB Energy Ireland	Aghada - AD2	449	91.1	7.3	0.1	1.6
	Aghada - AT1	90	92.9	7.1	0.0	0.0
	Aghada - AT2	90	92.9	7.1	0.0	0.0
	Aghada - AT4	90	100.0	0.0	0.0	0.0
	Ardnacrusha - AA1	21	99.9	0.1	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	80.9	19.1	0.0	0.0
	Erne - ER1	10	100.0	0.0	0.0	0.0
	Erne - ER2	10	99.1	1.0	0.0	0.0
	Erne - ER3	23	100.0	0.0	0.0	0.0
	Erne - ER4	23	100.0	0.0	0.0	0.0
	Lee - LE1	15	100.0	0.0	0.0	0.0
	Lee - LE2	4	98.0	2.0	0.0	0.0
	Lee - LE3	8	99.7	0.3	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	100.0	0.0	0.0	0.0
	Liffey - LI5	4	100.0	0.0	0.0	0.0
	Moneypoint - MP1	285	89.1	10.9	0.0	0.0
	Moneypoint - MP2	285	48.6	51.4	0.0	0.0
	Moneypoint - MP3	285	76.5	23.5	0.0	0.0
	Poolbeg - PBA	232	99.6	0.4	0.0	0.0
	Poolbeg - PBB	232	99.6	0.4	0.0	0.0
	Turlough Hill - TH1	73	99.1	0.2	0.7	0.0
	Turlough Hill - TH2	73	99.7	0.3	0.0	0.0
	Turlough Hill - TH3	73	99.0	0.2	0.8	0.0
	Turlough Hill - TH4	73	99.2	0.8	0.0	0.0
Edenderry Power Ltd	Edenderry - ED1	118	54.1	45.9	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	92.8	5.8	0.0	1.4
	Rhode - RP1	52	99.5	0.5	0.0	0.0
	Rhode - RP2	52	99.7	0.3	0.0	0.0
	Tawnaghmore - TP1	52	50.0	50.0	0.0	0.0
	Tawnaghmore - TP3	52	100.0	0.0	0.0	0.0
Indaver	Indaver - IW1	17	93.8	6.2	0.0	0.0
Synergen	Dublin Bay - DB1	415	82.1	16.7	0.0	1.3
Tynagh Energy Ltd	Tynagh - TYC	404	90.2	4.8	0.0	4.9
Viridian	Huntstown - HN2	402	94.6	3.2	0.0	2.3
	Huntstown - HNC	342	89.9	6.8	0.0	3.3

Table 2: Unit-by-Unit Average Monthly Availability Demand Side Units – December 2023

Unit-by-Unit Average Monthly Availability – December 2023			
Company	Unit	Capacity	Monthly Availability %
Enel X	AE1	86	8.4
	AE2	12	13.1
	AE3	14	38.6
	AE4	16	10.1
	AE5	16	0.0
	EN1	16	9.2
	EN2	17	0.0
	EN3	17	16.3
	EN4	16	9.6
	EN5	6	0.0
	EN6	31	23.3
	EN8	24	11.4
	EN9	16	22.6
	EX1	21	0.0
DAE VPP	DP1	18	37.0
	DP2	20	18.1
	DP3	9	0.0
VIOTAS	EE1	55	17.3
	EE2	28	8.8
	EE3	11	5.6
	EE4	12	7.7
	EE5	12	39.1
	EE6	14	40.5
	EE7	8	23.6
	EE8	17	31.3
	EE9	11	22.1
	VS1	8	17.0
VS2	11	29.3	
Electric Ireland	EI1	14	46.2
Endeco	EC1	52	20.1
	EC2	13	33.5
	EC3	6	43.6
	EC4	5	48.6
	EC5	21	17.8
Energy Trading Ireland	ET1	5	0.0
Powerhouse	PG1	10	28.9
Aughinish Alumina	EB1	25	0.0

Table 3: System Total Average Monthly Availability – December 2023

	Monthly Availability %	Monthly Forced %	Monthly Scheduled %	Monthly Ambient %	Monthly FOR
Conventional Total Average Availability	89.3	9.6	0.0	1.2	9.7
DSU Total Average Availability	16.8	N/A	N/A	N/A	N/A

Table 4: Unit-by-Unit 365 Day Rolling Availability Conventional Units – January 2023 to December 2023

Unit-by-Unit 365 Day Rolling Availability –December 2023							
Company	Unit	Capacity	Annual Availability %	Annual Forced %	Annual Scheduled %	Annual Ambient %	
Aughinish Alumina Ltd	Seal Rock - SK3	83	80.8	6.8	8.3	4.2	
	Seal Rock - SK4	83	84.4	2.5	11.1	2.0	
Bord Gáis	Whitegate - WG1	444	95.2	1.0	1.6	2.2	
Dublin Waste to Energy	DWTE - DW1	62	86.5	13.5	0.0	0.0	
ESB Energy Ireland	Aghada - AD2	449	84.1	11.9	1.9	2.1	
	Aghada - AT1	90	98.1	1.5	0.4	0.0	
	Aghada - AT2	90	97.7	1.0	1.3	0.0	
	Aghada - AT4	90	98.4	0.2	1.5	0.0	
	Ardnacrusha - AA1	21	96.9	1.9	1.2	0.0	
	Ardnacrusha - AA2	22	94.8	5.2	0.1	0.0	
	Ardnacrusha - AA3	19	55.0	44.6	0.4	0.0	
	Ardnacrusha - AA4	24	18.2	81.8	0.0	0.0	
	Erne - ER1	10	98.6	0.2	1.2	0.0	
	Erne - ER2	10	86.5	4.6	9.0	0.0	
	Erne - ER3	23	98.7	0.1	1.2	0.0	
	Erne - ER4	23	92.3	5.2	2.6	0.0	
	Lee - LE1	15	94.0	2.9	3.1	0.0	
	Lee - LE2	4	92.7	4.2	3.1	0.0	
	Lee - LE3	8	95.2	1.8	3.0	0.0	
	Liffey - LI1	15	62.1	23.5	14.4	0.0	
	Liffey - LI2	15	62.4	23.2	14.4	0.0	
	Liffey - LI4	4	74.8	10.8	14.4	0.0	
	Liffey - LI5	4	96.1	3.9	0.0	0.0	
	Moneypoint - MP1	285	69.5	26.1	4.4	0.0	
	Moneypoint - MP2	285	36.6	63.0	0.4	0.0	
	Moneypoint - MP3	285	71.5	27.6	1.0	0.0	
	Poolbeg - PBA	232	76.6	13.5	9.9	0.0	
	Poolbeg - PBB	232	94.5	5.3	0.1	0.1	
	Turlough Hill - TH1	73	94.4	0.5	5.1	0.0	
	Turlough Hill - TH2	73	91.7	3.2	5.1	0.0	
	Turlough Hill - TH3	73	92.3	3.6	4.1	0.0	
	Turlough Hill - TH4	73	93.7	2.3	4.0	0.0	
	Edenderry Power Ltd	Edenderry - ED1	118	49.8	29.5	20.8	0.0
		Edenderry - ED3	58	99.9	0.0	0.1	0.0
		Edenderry - ED5	58	99.9	0.0	0.1	0.0
	SSE Generation Ireland	Great Island - GI4	464	90.2	7.1	0.6	2.2
Rhode - RP1		52	97.2	0.0	2.8	0.0	
Rhode - RP2		52	96.8	0.5	2.8	0.0	
Tawnaghmore - TP1		52	81.2	16.8	2.0	0.0	
Tawnaghmore - TP3		52	97.8	0.2	1.9	0.0	
Indaver	Indaver - IW1	17	95.1	1.2	3.7	0.0	
Synergen	Dublin Bay - DB1	415	82.5	10.9	4.7	2.0	
Tynagh Energy Ltd	Tynagh - TYC	404	81.7	10.3	1.9	6.1	
Viridian	Huntstown - HN2	402	90.3	1.0	5.3	3.4	
	Huntstown - HNC	342	90.1	1.8	4.0	4.2	

Table 5: Unit-by-Unit 365 Day Rolling Availability Demand Side Units – January 2023 to December 2023

Unit-by-Unit 365 day Rolling Availability – December 2023			
Company	Unit	Capacity	Annual Availability %
Enel X	AE1	86	13.1
	AE2	12	33.0
	AE3	14	28.0
	AE4	16	15.3
	AE5	16	0.0
	EN1	16	12.3
	EN2	17	7.5
	EN3	17	22.6
	EN4	16	24.0
	EN5	6	0.1
	EN6	31	20.0
	EN8	24	32.5
	EN9	16	42.3
	EX1	21	0.0
DAE VPP	DP1	18	43.3
	DP2	20	18.3
	DP3	9	9.8
VIOTAS	EE1	55	21.4
	EE2	28	16.5
	EE3	11	10.6
	EE4	12	6.7
	EE5	12	56.1
	EE6	14	39.1
	EE7	8	30.4
	EE8	17	42.4
	EE9	11	29.5
	VS1	8	N/A
VS2	11	N/A	
Electric Ireland	EI1	14	46.9
Endeco	EC1	52	23.6
	EC2	13	31.7
	EC3	6	48.9
	EC4	5	45.4
	EC5	21	22.8
Energy Trading Ireland	ET1	5	0.0
Powerhouse	PG1	10	29.8
Aughinish Alumina	EB1	25	0.0

Table 6: 365 Day Rolling System Total Average Availability – January 2023 to December 2023

	Annual Availability %	Annual Forced %	Annual Scheduled %	Annual Ambient %	Annual FOR
Conventional Total Average Availability	83.2	11.7	3.4	1.7	12.2
DSU Total Average Availability	22.3	N/A	N/A	N/A	N/A