

EirGrid Monthly Availability Report

November 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 – November 2023

Unit-by-Unit Average Monthly Availability – November 2023						
Company	Unit	Capacity	Monthly Availability %	Monthly Forced %	Monthly Scheduled %	Monthly Ambient %
Aughinish Alumina Ltd	Seal Rock - SK3	83	67.4	20.8	8.3	3.5
	Seal Rock - SK4	83	98.6	0.0	0.0	1.4
Bord Gáis	Whitegate - WG1	444	92.1	6.0	0.0	1.9
Dublin Waste to Energy	DWTE - DW1	62	83.7	16.3	0.0	0.0
ESB Energy Ireland	Aghada - AD2	449	91.4	6.4	0.1	2.2
	Aghada - AT1	90	100.0	0.0	0.0	0.0
	Aghada - AT2	90	100.0	0.0	0.0	0.0
	Aghada - AT4	90	100.0	0.0	0.0	0.0
	Ardnacrusha - AA1	21	99.9	0.2	0.0	0.0
	Ardnacrusha - AA2	22	99.9	0.1	0.0	0.0
	Ardnacrusha - AA3	19	91.1	8.9	0.0	0.0
	Ardnacrusha - AA4	24	0.0	100.0	0.0	0.0
	Erne - ER1	10	99.0	1.0	0.0	0.0
	Erne - ER2	10	100.0	0.0	0.0	0.0
	Erne - ER3	23	99.0	1.0	0.0	0.0
	Erne - ER4	23	100.0	0.0	0.0	0.0
	Lee - LE1	15	96.3	3.7	0.0	0.0
	Lee - LE2	4	95.3	4.7	0.0	0.0
	Lee - LE3	8	94.1	5.9	0.0	0.0
	Liffey - LI1	15	90.4	9.6	0.0	0.0
	Liffey - LI2	15	94.8	5.2	0.0	0.0
	Liffey - LI4	4	98.1	1.9	0.0	0.0
	Liffey - LI5	4	99.7	0.3	0.0	0.0
	Moneypoint - MP1	285	67.5	32.5	0.0	0.0
	Moneypoint - MP2	285	66.1	33.9	0.0	0.0
	Moneypoint - MP3	285	91.1	8.9	0.0	0.0
	Poolbeg - PBA	232	24.1	75.9	0.0	0.0
	Poolbeg - PBB	232	100.0	0.0	0.0	0.0
	Turlough Hill - TH1	73	100.0	0.0	0.0	0.0
	Turlough Hill - TH2	73	98.6	1.4	0.0	0.0
	Turlough Hill - TH3	73	100.0	0.0	0.0	0.0
	Turlough Hill - TH4	73	99.3	0.7	0.0	0.0
Edenderry Power Ltd	Edenderry - ED1	118	49.4	50.6	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	93.8	4.4	0.0	1.9
	Rhode - RP1	52	100.0	0.0	0.0	0.0
	Rhode - RP2	52	94.8	5.2	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	98.5	1.5	0.0	0.0
Synergen	Dublin Bay - DB1	415	88.9	9.2	0.0	1.9
Tynagh Energy Ltd	Tynagh - TYC	404	83.7	10.7	0.0	5.6
Viridian	Huntstown - HN2	402	90.4	7.0	0.0	2.6
	Huntstown - HNC	342	96.6	0.1	0.0	3.3

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

Unit-by-Unit Average Monthly Availability – November 2023			
Company	Unit	Capacity	Monthly Availability %
Enel X	Enel X – AE1	87	7.7
	Enel X – AE2	13	28.7
	Enel X – AE3	14	0.8
	Enel X – AE4	16	10.5
	Enel X – AE5	16	0.0
	Enel X - EN1	16	9.0
	Enel X - EN2	17	0.0
	Enel X - EN3	17	16.0
	Enel X - EN4	16	16.8
	Enel X - EN5	6	0.0
	Enel X - EN6	11	15.9
	Enel X - EN8	24	7.8
	Enel X - EN9	16	19.8
	Enel X - EX1	21	0.0
DAE VPP	DAE VPP – DP1	5	37.8
	DAE VPP – DP2	30	23.3
	DAE VPP – DP3	9	0.0
Electricity Exchange Ltd	Electricity Exchange – EE1	65	22.1
	Electricity Exchange – EE2	30	18.1
	Electricity Exchange – EE3	11	11.2
	Electricity Exchange – EE4	13	4.8
	Electricity Exchange – EE5	17	51.0
	Electricity Exchange – EE6	14	53.7
	Electricity Exchange – EE7	7	27.8
	Electricity Exchange – EE8	12	25.8
	Electricity Exchange – EE9	11	25.1
Electric Ireland	Electric Ireland – EI1	17	20.9
Endeco	Endeco 1 – EC1	52	22.9
	Endeco 2 – EC2	12	40.4
	Endeco 3 – EC3	5	50.9
	Endeco 4 - EC4	5	44.5
	Endeco 5 – EC5	21	22.1
Energy Trading Ireland	Energy Trading – ET1	5	0.0
Powerhouse	Powerhouse – PG1	10	30.1

Table 3: System Total Average Monthly Availability – November 2023

	Monthly Availability %	Monthly Forced %	Monthly Scheduled %	Monthly Ambient %	Monthly FOR
Conventional Total Average Availability	85.7	12.7	0.1	1.5	12.7
DSU Total Average Availability	17.8	N/A	N/A	N/A	N/A

Table 4: Unit-by-Unit 365 Day Rolling Availability Conventional Units – December 2022 to November 2023

Unit-by-Unit 365 Day Rolling Availability –November 2023							
Company	Unit	Capacity	Annual Availability %	Annual Forced %	Annual Scheduled %	Annual Ambient %	
Aughinish Alumina Ltd	Seal Rock - SK3	83	81.1	6.4	8.4	4.1	
	Seal Rock - SK4	83	83.7	3.1	11.1	2.1	
Bord Gáis	Whitegate - WG1	444	95.3	0.9	1.6	2.2	
Dublin Waste to Energy	DWTE - DW1	62	86.2	13.8	0.0	0.0	
ESB Energy Ireland	Aghada - AD2	449	84.7	10.7	2.5	2.1	
	Aghada - AT1	90	98.7	0.9	0.4	0.0	
	Aghada - AT2	90	97.8	0.8	1.3	0.1	
	Aghada - AT4	90	98.4	0.2	1.5	0.0	
	Ardnacrusha - AA1	21	96.8	1.9	1.3	0.0	
	Ardnacrusha - AA2	22	94.7	5.3	0.1	0.0	
	Ardnacrusha - AA3	19	54.9	44.7	0.4	0.0	
	Ardnacrusha - AA4	24	11.3	83.0	5.7	0.0	
	Erne - ER1	10	98.6	0.2	1.2	0.0	
	Erne - ER2	10	86.3	4.7	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	2.3	3.7	0.0	
	Lee - LE2	4	92.0	4.9	3.1	0.0	
	Lee - LE3	8	95.1	1.9	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	10.9	14.4	0.0	
	Liffey - LI5	4	96.1	3.9	0.0	0.0	
	Moneypoint - MP1	285	68.6	27.0	4.4	0.0	
	Moneypoint - MP2	285	37.2	62.4	0.4	0.0	
	Moneypoint - MP3	285	71.6	27.4	1.0	0.0	
	Poolbeg - PBA	232	74.8	15.4	9.9	0.0	
	Poolbeg - PBB	232	93.6	5.3	1.0	0.1	
	Turlough Hill - TH1	73	94.4	0.6	5.1	0.0	
	Turlough Hill - TH2	73	91.7	3.3	5.1	0.0	
	Turlough Hill - TH3	73	92.3	3.7	4.0	0.0	
	Turlough Hill - TH4	73	93.7	2.3	4.0	0.0	
	Edenderry Power Ltd	Edenderry - ED1	118	51.0	28.2	20.8	0.0
		Edenderry - ED3	58	99.8	0.1	0.1	0.0
		Edenderry - ED5	58	99.8	0.1	0.1	0.0
	SSE Generation Ireland	Great Island - GI4	464	90.7	6.6	0.6	2.2
Rhode - RP1		52	97.2	0.0	2.8	0.0	
Rhode - RP2		52	96.8	0.4	2.8	0.0	
Tawnaghmore - TP1		52	85.5	12.5	2.0	0.0	
Tawnaghmore - TP3		52	97.8	0.2	1.9	0.0	
Indaver	Indaver - IW1	17	94.7	1.6	3.7	0.0	
Synergen	Dublin Bay - DB1	415	83.7	9.6	4.7	2.0	
Tynagh Energy Ltd	Tynagh - TYC	404	82.1	10.0	1.9	6.0	
Viridian	Huntstown - HN2	402	90.7	0.7	5.3	3.3	
	Huntstown - HNC	342	90.7	1.3	4.0	4.1	

Table 5: Unit-by-Unit 365 Day Rolling Availability Demand Side Units – December 2022 to November 2023

Unit-by-Unit 365 day Rolling Availability – November 2023			
Company	Unit	Capacity	Annual Availability %
Enel X	Enel X – AE1	87	13.3
	Enel X – AE2	13	34.5
	Enel X – AE3	14	26.9
	Enel X – AE4	16	15.9
	Enel X – AE5	16	0.0
	Enel X - EN1	16	12.8
	Enel X - EN2	17	9.0
	Enel X - EN3	17	23.5
	Enel X - EN4	16	25.6
	Enel X - EN5	6	0.6
	Enel X - EN6	11	19.6
	Enel X - EN8	24	34.2
	Enel X - EN9	16	44.7
	Enel X - EX1	21	0.0
	DAE VPP	DAE VPP – DP1	5
DAE VPP – DP2		30	17.5
DAE VPP – DP3		9	9.8
Electricity Exchange Ltd	Electricity Exchange – EE1	65	21.6
	Electricity Exchange – EE2	30	16.5
	Electricity Exchange – EE3	11	11.1
	Electricity Exchange – EE4	13	6.7
	Electricity Exchange – EE5	17	56.9
	Electricity Exchange – EE6	14	38.4
	Electricity Exchange – EE7	7	30.7
	Electricity Exchange – EE8	12	41.6
	Electricity Exchange – EE9	11	29.6
Electric Ireland	Electric Ireland – EI1	17	44.1
Endeco	Endeco 1 – EC1	52	23.6
	Endeco 2 – EC2	12	31.6
	Endeco 3 – EC3	5	48.2
	Endeco 4 - EC4	5	45.3
	Endeco 5 – EC5	21	23.0
Energy Trading Ireland	Energy Trading – ET1	5	0.0
Powerhouse	Powerhouse – PG1	10	29.6

Table 6: 365 Day Rolling System Total Average Availability – December 2022 to November 2023

	Annual Availability %	Annual Forced %	Annual Scheduled %	Annual Ambient %	Annual FOR
Conventional Total Average Availability	83.4	11.5	3.4	1.7	11.9
DSU Total Average Availability	22.2	N/A	N/A	N/A	N/A