

EirGrid Monthly Availability Report

October 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): Forced % / (100% - 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 2023

Unit-by-Unit Average Monthly Availability – October 2023						
Company	Unit	Capacity	Monthly Availability %	Monthly Forced %	Monthly Scheduled %	Monthly Ambient %
Aughinish Alumina Ltd	Seal Rock - SK3	83	92.6	0.6	0.0	6.8
	Seal Rock - SK4	83	93.4	4.7	0.6	1.3
Bord Gáis	Whitegate - WG1	444	95.7	0.4	0.0	3.9
Dublin Waste to Energy	DWTE - DW1	62	98.6	1.4	0.0	0.0
ESB Energy Ireland	Aghada - AD2	449	55.5	42.7	0.0	1.8
	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	100.0	0.0	0.0	0.0
	Ardnacrusha - AA2	22	100.0	0.0	0.0	0.0
	Ardnacrusha - AA3	19	0.0	100.0	0.0	0.0
	Ardnacrusha - AA4	24	0.0	100.0	0.0	0.0
	Erne - ER1	10	99.4	0.7	0.0	0.0
	Erne - ER2	10	99.4	0.7	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	99.8	0.2	0.0	0.0
	Lee - LE2	4	100.0	0.0	0.0	0.0
	Lee - LE3	8	99.3	0.7	0.0	0.0
	Liffey - LI1	15	39.7	60.3	0.0	0.0
	Liffey - LI2	15	39.7	60.3	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	89.4	10.6	0.0	0.0
	Moneypoint - MP2	285	65.3	34.7	0.0	0.0
	Moneypoint - MP3	285	24.7	75.3	0.0	0.0
	Poolbeg - PBA	232	0.0	78.0	22.0	0.0
	Poolbeg - PBB	232	57.7	42.2	0.0	0.1
	Turlough Hill - TH1	73	99.2	0.8	0.0	0.0
	Turlough Hill - TH2	73	99.3	0.7	0.0	0.0
	Turlough Hill - TH3	73	99.1	0.9	0.0	0.0
Turlough Hill - TH4	73	100.0	0.0	0.0	0.0	
Edenderry Power Ltd	Edenderry - ED1	118	47.2	52.8	0.0	0.0
	Edenderry - ED3	58	98.3	0.4	1.3	0.0
	Edenderry - ED5	58	98.2	0.5	1.3	0.0
SSE Generation Ireland ²	Great Island - GI4	464	83.3	14.0	0.0	2.7
	Rhode - RP1	52	100.0	0.0	0.0	0.0
	Rhode - RP2	52	100.0	0.0	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	99.9	0.1	0.0	0.0
Synergen	Dublin Bay - DB1	415	87.4	9.9	0.0	2.7
Tynagh Energy Ltd	Tynagh - TYC	404	91.7	0.2	0.0	8.1
Viridian	Huntstown - HN2	402	95.2	0.0	0.0	4.8
	Huntstown - HNC	342	88.1	7.7	0.0	4.2

² Please note that the Tarbert units TB1, TB2, TB3 and TB4 closed on 30 September 2023. The units no longer contribute to the Conventional Total Average Availability in Table 3 and Table 6.

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

Unit-by-Unit Average Monthly Availability – October 2023			
Company	Unit	Capacity	Monthly Availability %
Enel X	Enel X – AE1	87	9.0
	Enel X – AE2	13	28.4
	Enel X – AE3	14	0.0
	Enel X – AE4	16	12.4
	Enel X – AE5	16	0.0
	Enel X - EN1	16	10.1
	Enel X - EN2	17	0.0
	Enel X - EN3	17	17.8
	Enel X - EN4	16	19.3
	Enel X - EN5	6	0.0
	Enel X - EN6	11	16.2
	Enel X - EN8	24	27.1
	Enel X - EN9	16	41.2
	Enel X - EX1	21	0.0
	DAE VPP	DAE VPP – DP1 ³	18
DAE VPP – DP2 ⁴		20	8.3
DAE VPP – DP3		9	0.0
Electricity Exchange Ltd	Electricity Exchange – EE1	65	26.0
	Electricity Exchange – EE2	30	16.7
	Electricity Exchange – EE3	11	11.8
	Electricity Exchange – EE4	13	6.9
	Electricity Exchange – EE5	17	60.3
	Electricity Exchange – EE6	14	36.8
	Electricity Exchange – EE7	7	30.3
	Electricity Exchange – EE8	12	29.5
	Electricity Exchange – EE9	11	27.5
Electric Ireland	Electric Ireland – EI1	17	69.8
Endeco	Endeco 1 – EC1	52	24.1
	Endeco 2 – EC2	12	41.5
	Endeco 3 – EC3	5	53.3
	Endeco 4 - EC4	5	40.0
	Endeco 5 – EC5	21	17.5
Energy Trading Ireland	Energy Trading – ET1	5	0.0
Powerhouse	Powerhouse – PG1	10	31.3

Table 3: System Total Average Monthly Availability – October 2023

	Monthly Availability %	Monthly Forced %	Monthly Scheduled %	Monthly Ambient %	Monthly FOR
Conventional Total Average Availability	77.5	19.4	0.9	2.1	19.6
DSU Total Average Availability	20.4	N/A	N/A	N/A	N/A

³ DP1 increased from 9 MW to 18 MW

⁴ DP2 decreased from 30 MW to 20 MW

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

Unit-by-Unit 365 Day Rolling Availability –October 2023							
Company	Unit	Capacity	Annual Availability %	Annual Forced %	Annual Scheduled %	Annual Ambient %	
Aughinish Alumina Ltd	Seal Rock - SK3	83	82.4	5.7	7.7	4.2	
	Seal Rock - SK4	83	83.5	3.1	11.1	2.2	
Bord Gáis	Whitegate - WG1	444	95.4	0.8	1.6	2.3	
Dublin Waste to Energy	DWTE - DW1	62	86.9	13.1	0.0	0.0	
ESB Energy Ireland	Aghada - AD2	449	85.0	10.3	2.5	2.2	
	Aghada - AT1	90	98.7	0.9	0.4	0.0	
	Aghada - AT2	90	96.9	1.7	1.3	0.1	
	Aghada - AT4	90	97.7	0.9	1.5	0.0	
	Ardnacrusha - AA1	21	96.2	2.5	1.4	0.0	
	Ardnacrusha - AA2	22	94.4	5.6	0.1	0.0	
	Ardnacrusha - AA3	19	55.6	44.0	0.4	0.0	
	Ardnacrusha - AA4	24	11.3	74.7	13.9	0.0	
	Erne - ER1	10	98.6	0.1	1.2	0.0	
	Erne - ER2	10	85.9	5.1	9.0	0.0	
	Erne - ER3	23	98.8	0.0	1.2	0.0	
	Erne - ER4	23	92.0	5.5	2.6	0.0	
	Lee - LE1	15	94.3	2.0	3.7	0.0	
	Lee - LE2	4	92.0	4.9	3.1	0.0	
	Lee - LE3	8	95.6	1.4	3.0	0.0	
	Liffey - LI1	15	61.6	24.1	14.4	0.0	
	Liffey - LI2	15	61.5	23.8	14.6	0.0	
	Liffey - LI4	4	74.7	10.7	14.6	0.0	
	Liffey - LI5	4	95.7	4.3	0.0	0.0	
	Moneypoint - MP1	285	69.2	26.4	4.4	0.0	
	Moneypoint - MP2	285	34.8	64.9	0.4	0.0	
	Moneypoint - MP3	285	68.2	29.2	2.6	0.0	
	Poolbeg - PBA	232	79.9	10.2	9.9	0.0	
	Poolbeg - PBB	232	90.8	8.1	1.0	0.1	
	Turlough Hill - TH1	73	94.3	0.6	5.1	0.0	
	Turlough Hill - TH2	73	91.8	3.2	5.1	0.0	
	Turlough Hill - TH3	73	92.2	3.7	4.0	0.0	
	Turlough Hill - TH4	73	93.7	2.3	4.0	0.0	
	Edenderry Power Ltd	Edenderry - ED1	118	53.1	26.1	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	89.6	7.7	0.6	2.2
		Rhode - RP1	52	97.2	0.0	2.8	0.0
Rhode - RP2		52	97.2	0.0	2.8	0.0	
Tawnaghmore - TP1		52	88.3	9.7	2.0	0.0	
Tawnaghmore - TP3		52	92.1	5.9	1.9	0.0	
Indaver	Indaver - IW1	17	94.8	1.5	3.7	0.0	
Synergen	Dublin Bay - DB1	415	84.2	9.0	4.7	2.1	
Tynagh Energy Ltd	Tynagh - TYC	404	80.8	11.5	2.0	5.8	
Viridian	Huntstown - HN2	402	91.2	0.2	5.3	3.3	
	Huntstown - HNC	342	90.6	1.2	4.0	4.3	

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

Unit-by-Unit 365 day Rolling Availability – October 2023			
Company	Unit	Capacity	Annual Availability %
Enel X	Enel X – AE1	87	14.2
	Enel X – AE2	13	35.2
	Enel X – AE3	14	30.9
	Enel X – AE4	16	16.2
	Enel X – AE5	16	0.0
	Enel X - EN1	16	13.1
	Enel X - EN2	17	10.2
	Enel X - EN3	17	24.1
	Enel X - EN4	16	26.3
	Enel X - EN5	6	2.0
	Enel X - EN6	11	21.8
	Enel X - EN8	24	36.3
	Enel X - EN9	16	47.8
	Enel X - EX1	21	0.0
DAE VPP	DAE VPP – DP1	5	9.4
	DAE VPP – DP2	30	17.2
	DAE VPP – DP3	9	14.0
Electricity Exchange Ltd	Electricity Exchange – EE1	65	21.5
	Electricity Exchange – EE2	30	16.8
	Electricity Exchange – EE3	11	11.0
	Electricity Exchange – EE4	13	7.0
	Electricity Exchange – EE5	17	55.6
	Electricity Exchange – EE6	14	38.4
	Electricity Exchange – EE7	7	31.5
	Electricity Exchange – EE8	12	40.7
	Electricity Exchange – EE9	11	29.8
Electric Ireland	Electric Ireland – EI1	17	47.1
Endeco	Endeco 1 – EC1	52	23.4
	Endeco 2 – EC2	12	31.9
	Endeco 3 – EC3	5	47.0
	Endeco 4 - EC4	5	46.8
	Endeco 5 – EC5	21	23.4
Energy Trading Ireland	Energy Trading – ET1	5	1.4
Powerhouse	Powerhouse – PG1	10	29.1

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

	Annual Availability %	Annual Forced %	Annual Scheduled %	Annual Ambient %	Annual FOR
Conventional Total Average Availability	83.2	11.6	3.6	1.7	12.1
DSU Total Average Availability	22.5	N/A	N/A	N/A	N/A