

EirGrid Monthly Availability Report

August 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 – August 2023

Unit-by-Unit Average Monthly Availability – August 2023						
Company	Unit	Capacity	Monthly Availability %	Monthly Forced %	Monthly Scheduled %	Monthly Ambient %
Aughinish Alumina Ltd	Seal Rock - SK3	83	87.0	7.2	0.0	5.9
	Seal Rock - SK4	83	80.2	5.1	11.3	3.4
Bord Gáis	Whitegate - WG1	444	85.6	0.2	11.4	2.7
Dublin Waste to Energy	DWTE - DW1	62	99.2	0.8	0.0	0.0
ESB Energy Ireland	Aghada - AD2	449	86.0	10.5	0.0	3.6
	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	93.9	6.1	0.0	0.0
	Ardnacrusha - AA3	19	0.0	100.0	0.0	0.0
	Ardnacrusha - AA4	24	100.0	0.0	0.0	0.0
	Erne - ER1	10	100.0	0.0	0.0	0.0
	Erne - ER2	10	100.0	0.0	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	99.9	0.1	0.0	0.0
	Lee - LE3	8	94.7	5.3	0.0	0.0
	Liffey - LI1	15	0.0	100.0	0.0	0.0
	Liffey - LI2	15	0.0	100.0	0.0	0.0
	Liffey - LI4	4	0.0	100.0	0.0	0.0
	Liffey - LI5	4	73.7	26.3	0.0	0.0
	Moneypoint - MP1	285	38.6	61.4	0.0	0.0
	Moneypoint - MP2	285	0.0	100.0	0.0	0.0
	Moneypoint - MP3	285	46.8	41.6	11.6	0.0
	Poolbeg - PBA	232	100.0	0.0	0.0	0.0
	Poolbeg - PBB	232	100.0	0.0	0.0	0.0
	Turlough Hill - TH1	73	99.1	0.9	0.0	0.0
	Turlough Hill - TH2	73	90.8	9.2	0.0	0.0
	Turlough Hill - TH3	73	99.7	0.4	0.0	0.0
Turlough Hill - TH4	73	95.1	4.9	0.0	0.0	
Edenderry Power Ltd	Edenderry - ED1	118	0.0	0.0	100.0	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	77.4	19.1	0.0	3.5
	Rhode - RP1	52	88.3	0.0	11.8	0.0
	Rhode - RP2	52	88.4	0.0	11.6	0.0
	Tarbert - TB1	54	0.0	100.0	0.0	0.0
	Tarbert - TB2	54	0.0	100.0	0.0	0.0
	Tarbert - TB3	241	0.0	100.0	0.0	0.0
	Tarbert - TB4	241	0.0	100.0	0.0	0.0
	Tawnaghmore - TP1	52	77.6	1.1	21.4	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	95.9	0.1	0.0	3.9
Tynagh Energy Ltd	Tynagh - TYC	404	91.1	0.0	0.0	8.9
Viridian	Huntstown - HN2	402	93.7	0.4	0.0	5.9
	Huntstown - HNC	342	93.6	0.0	0.0	6.4

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Whilst it strives to ensure as high a level of accuracy as possible, EirGrid makes no warranties or representations of any kind with respect to the content of this report (including without limitation its quality, accuracy, and completeness.) and EirGrid accepts no liability for any reliance on the information presented here.

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

Unit-by-Unit Average Monthly Availability – August 2023			
Company	Unit	Capacity	Monthly Availability %
Enel X	Enel X – AE1	87	13.7
	Enel X – AE2	13	33.8
	Enel X – AE3	14	4.4
	Enel X – AE4	16	17.8
	Enel X – AE5	16	0.0
	Enel X - EN1	16	10.9
	Enel X - EN2	17	0.0
	Enel X - EN3	17	26.7
	Enel X - EN4	16	29.2
	Enel X - EN5	6	0.0
	Enel X - EN6 ²	31	19.0
	Enel X - EN8	24	36.7
	Enel X - EN9	16	48.4
	Enel X - EX1	21	4.8
DAE VPP	DAE VPP – DP1	5	22.4
	DAE VPP – DP2	30	19.9
	DAE VPP – DP3	9	6.0
Electricity Exchange Ltd	Electricity Exchange – EE1	65	23.3
	Electricity Exchange – EE2	30	18.1
	Electricity Exchange – EE3	11	9.0
	Electricity Exchange – EE4	13	7.3
	Electricity Exchange – EE5	17	54.3
	Electricity Exchange – EE6	14	48.1
	Electricity Exchange – EE7	7	28.7
	Electricity Exchange – EE8	12	51.3
	Electricity Exchange – EE9	11	31.8
Electric Ireland	Electric Ireland – EI1	17	28.2
Endeco	Endeco 1 – EC1	52	27.0
	Endeco 2 – EC2	12	36.2
	Endeco 3 – EC3	5	40.5
	Endeco 4 - EC4	5	37.8
	Endeco 5 – EC5	21	18.8
Energy Trading Ireland	Energy Trading – ET1	5	0.0
Powerhouse	Powerhouse – PG1	10	30.9

Table 3: System Total Average Monthly Availability – August 2023

	Monthly Availability %	Monthly Forced %	Monthly Scheduled %	Monthly Ambient %	Monthly FOR
Conventional Total Average Availability	71.9	22.0	3.7	2.4	22.9
DSU Total Average Availability	22.2	N/A	N/A	N/A	N/A

² EN6 Capacity increased from 11MW to 31MW.

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

Unit-by-Unit 365 Day Rolling Availability – August 2023							
Company	Unit	Capacity	Annual Availability %	Annual Forced %	Annual Scheduled %	Annual Ambient %	
Aughinish Alumina Ltd	Seal Rock - SK3	83	82.5	5.8	7.7	4.1	
	Seal Rock - SK4	83	79.3	5.8	12.3	2.6	
Bord Gáis	Whitegate - WG1	444	92.9	0.7	4.3	2.2	
Dublin Waste to Energy	DWTE - DW1	62	85.9	14.1	0.0	0.0	
ESB Energy Ireland	Aghada - AD2	449	72.9	15.7	9.7	1.7	
	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	0.8	1.5	0.0	
	Ardnacrusha - AA1	21	97.4	2.5	0.1	0.0	
	Ardnacrusha - AA2	22	97.5	2.4	0.1	0.0	
	Ardnacrusha - AA3	19	70.2	28.2	1.6	0.0	
	Ardnacrusha - AA4	24	10.7	58.7	30.7	0.0	
	Erne - ER1	10	98.1	1.9	0.1	0.0	
	Erne - ER2	10	86.4	4.7	9.0	0.0	
	Erne - ER3	23	98.8	0.1	1.2	0.0	
	Erne - ER4	23	90.8	5.5	3.8	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	1.3	3.0	0.0	
	Liffey - LI1	15	75.0	10.7	14.4	0.0	
	Liffey - LI2	15	74.9	10.5	14.6	0.0	
	Liffey - LI4	4	76.0	9.4	14.6	0.0	
	Liffey - LI5	4	90.1	9.9	0.0	0.0	
	Moneypoint - MP1	285	70.5	25.1	4.4	0.0	
	Moneypoint - MP2	285	32.7	65.9	1.4	0.0	
	Moneypoint - MP3	285	72.8	21.8	5.4	0.0	
	Poolbeg - PBA	232	95.0	3.6	1.4	0.1	
	Poolbeg - PBB	232	94.4	4.6	1.0	0.0	
	Turlough Hill - TH1	73	94.4	0.6	5.1	0.0	
	Turlough Hill - TH2	73	90.3	4.7	5.1	0.0	
	Turlough Hill - TH3	73	92.3	3.7	4.0	0.0	
	Turlough Hill - TH4	73	93.1	2.9	4.0	0.0	
	Edenderry Power Ltd	Edenderry - ED1	118	61.2	21.7	17.1	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	90.4	6.6	0.8	2.2
Rhode - RP1		52	91.6	2.8	5.6	0.0	
Rhode - RP2		52	93.4	1.0	5.6	0.0	
Tarbert - TB1		54	0.0	100.0	0.0	0.0	
Tarbert - TB2		54	0.0	100.0	0.0	0.0	
Tarbert - TB3		241	22.7	77.3	0.0	0.0	
Tarbert - TB4		241	0.0	100.0	0.0	0.0	
Tawnaghmore - TP1		52	96.7	1.5	1.8	0.0	
Tawnaghmore - TP3	52	88.4	11.6	0.0	0.0		
Indaver	Indaver - IW1	17	94.8	1.6	3.7	0.0	
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Viridian	Huntstown - HN2	402	91.3	0.3	5.3	3.1	
	Huntstown - HNC	342	88.6	3.3	4.0	4.2	

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

Unit-by-Unit 365 day Rolling Availability – August 2023			
Company	Unit	Capacity	Annual Availability %
Enel X	Enel X – AE1	87	15.7
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	Enel X – AE3	14	35.5
	Enel X – AE4	16	14.9
	Enel X – AE5	16	0.0
	Enel X - EN1	16	13.8
	Enel X - EN2	17	13.1
	Enel X - EN3	17	25.1
	Enel X - EN4	16	27.4
	Enel X - EN5	6	2.8
	Enel X - EN6	31	27.0
	Enel X - EN8	24	36.3
	Enel X - EN9	16	48.0
	Enel X - EX1	21	4.8
DAE VPP	DAE VPP – DP1	5	4.1
	DAE VPP – DP2	30	18.6
	DAE VPP – DP3	9	14.2
Electricity Exchange Ltd	Electricity Exchange – EE1	65	21.5
	Electricity Exchange – EE2	30	17.4
	Electricity Exchange – EE3	11	11.1
	Electricity Exchange – EE4	13	7.2
	Electricity Exchange – EE5	17	57.2
	Electricity Exchange – EE6	14	40.1
	Electricity Exchange – EE7	7	33.7
	Electricity Exchange – EE8	12	36.8
	Electricity Exchange – EE9	11	29.6
Electric Ireland	Electric Ireland – EI1	17	42.7
Endeco	Endeco 1 – EC1	52	23.3
	Endeco 2 – EC2	12	31.2
	Endeco 3 – EC3	5	45.4
	Endeco 4 - EC4	5	47.9
	Endeco 5 – EC5	21	24.0
Energy Trading Ireland	Energy Trading – ET1	5	4.7
Powerhouse	Powerhouse – PG1	10	27.8

Table 6: 365 Day Rolling System Total Average Availability – September 2022 to August 2023

	Annual Availability %	Annual Forced %	Annual Scheduled %	Annual Ambient %	Annual FOR
Conventional Total Average Availability	75.8	18.5	4.2	1.4	19.3
DSU Total Average Availability	23.2	N/A	N/A	N/A	N/A