

EirGrid Monthly Availability Report – August 2022¹

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Definitions

Availability: The maximum generation of electricity which generators can achieve during that period.

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 2022

Unit-by-Unit Average Monthly Availability – August 2022						
Company	Unit	Capacity	Monthly Availability %	Monthly Forced %	Monthly Scheduled %	Monthly Ambient %
Aughinish Alumina Ltd	Seal Rock - SK3	83	92.9	0.5	0.0	6.6
	Seal Rock - SK4	83	92.0	0.5	0.0	7.5
Bord Gáis	Whitegate - WG1	444	93.4	1.8	0.0	4.8
Dublin Waste to Energy	DWTE - DW1	62	90.5	9.5	0.0	0.0
ESB Energy Ireland	Aghada - AD2	449	88.8	0.0	6.7	4.5
	Aghada - AT1	90	91.4	7.2	0.0	1.4
	Aghada - AT2	90	89.8	8.1	0.0	2.1
	Aghada - AT4	90	90.4	7.0	0.0	2.6
	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	100.0	0.0	0.0	0.0
	Ardnacrusha - AA4	24	0.0	0.0	100.0	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	100.0	0.0	0.0	0.0
	Lee - LE3	8	100.0	0.0	0.0	0.0
	Liffey - LI1	15	26.9	73.1	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	0.0	100.0	0.0	0.0
	Moneypoint - MP1	285	90.6	9.4	0.0	0.0
	Moneypoint - MP2	285	0.0	0.0	100.0	0.0
	Moneypoint - MP3	285	40.3	59.7	0.0	0.0
	Poolbeg - PBA	232	99.6	0.1	0.0	0.3
	Poolbeg - PBB	232	99.1	0.8	0.2	0.0
	Turlough Hill - TH1	73	99.5	0.6	0.0	0.0
	Turlough Hill - TH2	73	99.4	0.6	0.0	0.0
	Turlough Hill - TH3	73	98.8	1.2	0.0	0.0
	Turlough Hill - TH4	73	87.6	12.4	0.0	0.0
Edenderry Power Ltd	Edenderry - ED1	118	53.7	16.4	29.9	0.0
	Edenderry - ED3	58	93.0	7.0	0.0	0.0
	Edenderry - ED5	58	96.4	3.6	0.0	0.0
SSE Generation Ireland	Great Island - GI4	464	14.8	52.0	33.1	0.1
	Rhode - RP1	52	70.2	29.8	0.0	0.0
	Rhode - RP2	52	88.4	11.0	0.0	0.6
	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	76.6	0.3	23.1	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	59.6	38.1	0.0	2.3
Tynagh Energy Ltd	Tynagh - TYC	404	86.2	0.2	5.4	8.3
Viridian	Huntstown - HN2	402	94.9	0.0	0.0	5.1
	Huntstown - HNC	342	94.1	0.0	0.0	5.9

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Table 2: Unit-by-Unit Average Monthly Availability Demand Side Units – August 2022

Unit-by-Unit Average Monthly Availability – August 2022			
Company	Unit	Capacity	Monthly Availability %
Enel X	Enel X – AE1	71	16.1
	Enel X – AE2	13	28.6
	Enel X – AE3	14	27.8
	Enel X – AE4	16	3.0
	Enel X – AE5	16	0.0
	Enel X - EN1	16	23.5
	Enel X - EN2	17	13.5
	Enel X - EN3	17	26.2
	Enel X - EN4	16	18.5
	Enel X - EN5	6	0.0
	Enel X - EN6	28	22.2
	Enel X - EN8	24	13.8
	Enel X - EN9	16	21.8
	Enel X - EX1	21	4.8
DAE VPP	DAE VPP – DP1	11	29.9
	DAE VPP – DP2	28	26.4
Electricity Exchange Ltd	Electricity Exchange – EE1	85	25.8
	Electricity Exchange – EE2	30	21.3
	Electricity Exchange – EE3	11	16.0
	Electricity Exchange – EE4	13	7.5
	Electricity Exchange – EE5	17	57.5
	Electricity Exchange – EE6	14	50.3
	Electricity Exchange – EE7	7	37.1
Electric Ireland	Electric Ireland – EI1	17	20.0
Endeco	Endeco 1 – EC1	58	22.2
	Endeco 2 – EC2	12	17.6
	Endeco 5 – EC5	23	21.4
Energy Trading Ireland	Energy Trading – ET1	5	20.0
Powerhouse	Powerhouse – PG1 ²	10	19.8
Viridian	Viridian Energy – VE1	8	0.2

Table 3: System Total Average Monthly Availability – August 2022

	Monthly Availability %	Monthly Forced %	Monthly Scheduled %	Monthly Ambient %	Monthly FOR
Conventional Total Average Availability	68.2	20.6	8.9	2.3	22.6
DSU Total Average Availability	21.0	N/A	N/A	N/A	N/A

² PG1 Capacity increased from 9MW to 10MW

Table 4: Unit-by-Unit 365 Day Rolling Availability Conventional Units – September 2021 to August 2022

Unit-by-Unit 365 Day Rolling Availability – August 2022							
Company	Unit	Capacity	Annual Availability %	Annual Forced %	Annual Scheduled %	Annual Ambient %	
Aughinish Alumina Ltd	Seal Rock - SK3	83	89.2	3.4	1.6	5.7	
	Seal Rock - SK4	83	93.6	0.9	0.7	4.8	
Bord Gáis	Whitegate - WG1	444	70.8	25.3	2.7	1.2	
Dublin Waste to Energy	DWTE - DW1	62	90.3	8.3	1.4	0.0	
ESB Energy Ireland	Aghada - AD2	449	90.0	6.2	2.5	1.4	
	Aghada - AT1	90	95.5	3.8	0.4	0.3	
	Aghada - AT2	90	89.4	3.9	6.3	0.5	
	Aghada - AT4	90	98.8	0.7	0.0	0.5	
	Ardnacrusha - AA1	21	95.7	3.1	1.2	0.0	
	Ardnacrusha - AA2	22	95.9	0.9	3.2	0.0	
	Ardnacrusha - AA3	19	91.6	0.9	7.5	0.0	
	Ardnacrusha - AA4	24	30.0	13.4	56.6	0.0	
	Erne - ER1	10	98.2	0.6	1.2	0.0	
	Erne - ER2	10	88.8	10.0	1.2	0.0	
	Erne - ER3	23	98.0	0.4	1.6	0.0	
	Erne - ER4	23	98.1	0.7	1.3	0.0	
	Lee - LE1	15	93.0	3.0	4.0	0.0	
	Lee - LE2	4	77.9	21.7	0.4	0.0	
	Lee - LE3	8	92.5	4.6	2.8	0.0	
	Liffey - LI1	15	2.3	97.7	0.0	0.0	
	Liffey - LI2	15	62.6	37.4	0.0	0.0	
	Liffey - LI4	4	83.0	17.0	0.0	0.0	
	Liffey - LI5	4	56.6	43.4	0.0	0.0	
	Moneypoint - MP1	285	72.5	17.9	9.6	0.0	
	Moneypoint - MP2	285	34.5	24.2	41.4	0.0	
	Moneypoint - MP3	285	79.7	20.3	0.0	0.0	
	Poolbeg - PBA	232	86.4	3.2	10.5	0.0	
	Poolbeg - PBB	232	75.6	8.2	16.3	0.0	
	Turlough Hill - TH1	73	84.2	2.6	13.2	0.0	
	Turlough Hill - TH2	73	80.9	5.6	13.5	0.0	
	Turlough Hill - TH3	73	78.2	8.3	13.5	0.0	
	Turlough Hill - TH4	73	81.4	5.1	13.6	0.0	
	Edenderry Power Ltd	Edenderry - ED1	118	71.6	17.8	10.6	0.0
		Edenderry - ED3	58	98.1	1.8	0.1	0.0
		Edenderry - ED5	58	99.3	0.6	0.1	0.0
	SSE Generation Ireland	Great Island - GI4	464	47.6	35.9	15.6	0.8
Rhode - RP1		52	96.6	3.4	0.0	0.0	
Rhode - RP2		52	98.7	1.3	0.0	0.1	
Tarbert - TB1		54	8.5	91.5	0.0	0.0	
Tarbert - TB2		54	3.7	96.3	0.0	0.0	
Tarbert - TB3		241	63.8	34.7	1.5	0.0	
Tarbert - TB4		241	0.0	100.0	0.0	0.0	
Tawnaghmore - TP1		52	95.9	2.1	2.0	0.0	
Tawnaghmore - TP3	52	99.6	0.4	0.0	0.0		
Indaver	Indaver - IW1	17	88.3	5.6	6.1	0.0	
Synergen	Dublin Bay - DB1	415	80.0	19.2	0.5	0.4	
Tynagh Energy Ltd	Tynagh - TYC	404	90.3	3.6	0.5	5.7	
Viridian	Huntstown - HN2	402	82.5	14.8	0.3	2.4	
	Huntstown - HNC	342	93.3	0.1	2.8	3.8	

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Table 5: Unit-by-Unit 365 Day Rolling Availability Demand Side Units – September 2021 to August 2022

Unit-by-Unit 365 Day Rolling Availability – August 2022			
Company	Unit	Capacity	Annual Availability %
Enel X	Enel X – AE1	71	13.5
	Enel X – AE2	13	35.4
	Enel X – AE3	14	51.8
	Enel X – AE4	16	4.2
	Enel X – AE5	16	0.0
	Enel X - EN1	16	6.6
	Enel X - EN2	17	2.0
	Enel X - EN3	17	23.3
	Enel X - EN4	16	11.9
	Enel X - EN5	6	1.4
	Enel X - EN6	28	17.6
	Enel X - EN8	24	30.6
	Enel X - EN9	16	43.0
	Enel X - EX1	21	4.8
DAE VPP	DAE VPP – DP1	11	39.6
	DAE VPP – DP2	28	26.7
Electricity Exchange Ltd	Electricity Exchange – EE1	85	28.9
	Electricity Exchange – EE2	30	21.8
	Electricity Exchange – EE3	11	16.3
	Electricity Exchange – EE4	13	9.6
	Electricity Exchange – EE5	17	53.6
	Electricity Exchange – EE6	14	42.2
	Electricity Exchange – EE7	7	45.5
Electric Ireland	Electric Ireland – EI1	17	24.2
Endeco	Endeco 1 – EC1	58	29.4
	Endeco 2 – EC2	12	26.9
	Endeco 5 – EC5	23	34.7
Energy Trading Ireland	Energy Trading – ET1	5	20.0
Powerhouse	Powerhouse – PG1	10	28.5
Viridian	Viridian Energy – VE1	8	3.6

Table 6: 365 Day Rolling System Total Average Availability – September 2021 to August 2022

	Annual Availability %	Annual Forced %	Annual Scheduled %	Annual Ambient %	Annual FOR
Conventional Total Average Availability	73.7	18.7	6.4	1.2	20.0
DSU Total Average Availability	23.5	N/A	N/A	N/A	N/A

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