

EirGrid Monthly Availability Report – November 2022¹

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 – November 2022

Unit-by-Unit Average Monthly Availability – November 2022							
Company	Unit	Capacity	Monthly Availability %	Monthly Forced %	Monthly Scheduled %	Monthly Ambient %	
Aughinish Alumina Ltd	Seal Rock - SK3	83	82.8	12.4	0.1	4.6	
	Seal Rock - SK4	83	96.5	0.0	0.0	3.5	
Bord Gáis	Whitegate - WG1	444	93.5	4.2	0.0	2.3	
Dublin Waste to Energy	DWTE - DW1	62	91.6	8.4	0.0	0.0	
ESB Energy Ireland	Aghada - AD2	449	95.7	1.3	0.0	3.0	
	Aghada - AT1	90	100.0	0.1	0.0	0.0	
	Aghada - AT2	90	88.9	10.6	0.0	0.5	
	Aghada - AT4	90	91.6	8.4	0.0	0.0	
	Ardnacrusha - AA1	21	92.0	7.4	0.6	0.0	
	Ardnacrusha - AA2	22	96.1	3.8	0.1	0.0	
	Ardnacrusha - AA3	19	99.3	0.6	0.1	0.0	
	Ardnacrusha - AA4	24	0.0	0.0	100.0	0.0	
	Erne - ER1	10	99.9	0.2	0.0	0.0	
	Erne - ER2	10	94.4	5.6	0.0	0.0	
	Erne - ER3	23	100.0	0.0	0.0	0.0	
	Erne - ER4	23	96.8	3.2	0.0	0.0	
	Lee - LE1	15	100.0	0.0	0.0	0.0	
	Lee - LE2	4	95.7	4.3	0.0	0.0	
	Lee - LE3	8	100.0	0.0	0.0	0.0	
	Liffey - LI1	15	84.1	15.9	0.0	0.0	
	Liffey - LI2	15	84.2	12.8	3.0	0.0	
	Liffey - LI4	4	96.8	0.1	3.0	0.0	
	Liffey - LI5	4	94.3	5.8	0.0	0.0	
	Moneypoint - MP1	285	74.8	25.2	0.0	0.0	
	Moneypoint - MP2	285	36.4	63.6	0.0	0.0	
	Moneypoint - MP3	285	49.0	31.3	19.7	0.0	
	Poolbeg - PBA	232	86.9	13.1	0.0	0.0	
	Poolbeg - PBB	232	66.0	33.8	0.3	0.0	
	Turlough Hill - TH1	73	99.4	0.6	0.0	0.0	
	Turlough Hill - TH2	73	99.4	0.6	0.0	0.0	
	Turlough Hill - TH3	73	99.4	0.6	0.0	0.0	
	Turlough Hill - TH4	73	99.4	0.6	0.0	0.0	
	Edenderry Power Ltd	Edenderry - ED1	118	75.0	25.0	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	80.4	17.7	0.0	1.9
Rhode - RP1		52	100.0	0.0	0.0	0.0	
Rhode - RP2		52	100.0	0.0	0.0	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	53.2	46.8	0.0	0.0	
Tarbert - TB4		241	0.0	100.0	0.0	0.0	
Tawnaghmore - TP1		52	84.0	16.0	0.0	0.0	
Tawnaghmore - TP3	52	30.8	69.2	0.0	0.0		
Indaver	Indaver - IW1	17	99.8	0.2	0.0	0.0	
Synergen	Dublin Bay - DB1	415	94.3	2.6	0.0	3.1	
Tynagh Energy Ltd	Tynagh - TYC	404	66.9	28.6	0.8	3.8	
Viridian	Huntstown - HN2	402	96.8	0.0	0.0	3.2	
	Huntstown - HNC	342	95.4	0.0	0.0	4.7	

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

Unit-by-Unit Average Monthly Availability – November 2022			
Company	Unit	Capacity	Monthly Availability %
Enel X	Enel X – AE1	87	18.1
	Enel X – AE2	13	38.3
	Enel X – AE3	14	48.8
	Enel X – AE4	16	14.3
	Enel X – AE5	16	0.0
	Enel X - EN1	16	12.9
	Enel X - EN2	17	14.7
	Enel X - EN3	17	23.7
	Enel X - EN4	16	24.6
	Enel X - EN5	6	16.7
	Enel X - EN6	11	44.1
	Enel X - EN8	24	33.8
	Enel X - EN9	16	57.0
	Enel X - EX1	21	4.8
DAE VPP	DAE VPP – DP1	13	0.0
	DAE VPP – DP2	30	17.1
	DAE VPP – DP3	9	51.3
Electricity Exchange Ltd	Electricity Exchange – EE1	65	21.0
	Electricity Exchange – EE2	30	21.8
	Electricity Exchange – EE3	11	9.4
	Electricity Exchange – EE4	13	7.6
	Electricity Exchange – EE5	17	37.9
	Electricity Exchange – EE6	14	53.6
	Electricity Exchange – EE7	7	37.8
	Electricity Exchange – EE8	12	8.3
	Electricity Exchange – EE9	12	27.8
Electric Ireland	Electric Ireland – EI1	17	58.0
Endeco	Endeco 1 – EC1	52	20.5
	Endeco 2 – EC2	12	44.9
	Endeco 3 – EC3	5	37.6
	Endeco 4 - EC4	5	62.2
	Endeco 5 – EC5	21	26.5
Energy Trading Ireland	Energy Trading – ET1	5	16.8
Powerhouse	Powerhouse – PG1	10	24.8

Table 3: System Total Average Monthly Availability – November 2022

	Monthly Availability %	Monthly Forced %	Monthly Scheduled %	Monthly Ambient %	Monthly FOR
Conventional Total Average Availability	77.1	20.1	1.3	1.5	20.3
DSU Total Average Availability	24.5	N/A	N/A	N/A	N/A

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

Unit-by-Unit 365 Day Rolling Availability – November 2022							
Company	Unit	Capacity	Annual Availability %	Annual Forced %	Annual Scheduled %	Annual Ambient %	
Aughinish Alumina Ltd	Seal Rock - SK3	83	88.9	4.5	1.6	4.9	
	Seal Rock - SK4	83	90.0	4.7	1.2	4.1	
Bord Gáis	Whitegate - WG1	444	90.9	3.6	3.5	2.0	
Dublin Waste to Energy	DWTE - DW1	62	89.1	9.5	1.4	0.0	
ESB Energy Ireland	Aghada - AD2	449	75.4	13.4	9.7	1.5	
	Aghada - AT1	90	96.4	3.1	0.3	0.3	
	Aghada - AT2	90	95.6	3.9	0.0	0.5	
	Aghada - AT4	90	98.1	1.3	0.0	0.5	
	Ardnacrusha - AA1	21	96.2	2.6	1.2	0.0	
	Ardnacrusha - AA2	22	95.7	1.2	3.1	0.0	
	Ardnacrusha - AA3	19	97.7	1.1	1.2	0.0	
	Ardnacrusha - AA4	24	15.7	3.5	80.8	0.0	
	Erne - ER1	10	96.4	2.4	1.2	0.0	
	Erne - ER2	10	87.2	11.6	1.2	0.0	
	Erne - ER3	23	98.1	0.4	1.6	0.0	
	Erne - ER4	23	97.8	1.0	1.2	0.0	
	Lee - LE1	15	95.9	0.2	3.9	0.0	
	Lee - LE2	4	78.1	21.9	0.0	0.0	
	Lee - LE3	8	96.1	1.1	2.8	0.0	
	Liffey - LI1	15	25.9	74.1	0.0	0.0	
	Liffey - LI2	15	86.2	13.6	0.3	0.0	
	Liffey - LI4	4	99.5	0.3	0.3	0.0	
	Liffey - LI5	4	73.6	26.4	0.0	0.0	
	Moneypoint - MP1	285	78.2	15.6	6.3	0.0	
	Moneypoint - MP2	285	26.0	31.6	42.4	0.0	
	Moneypoint - MP3	285	72.6	23.0	4.4	0.0	
	Poolbeg - PBA	232	95.4	1.4	3.1	0.1	
	Poolbeg - PBB	232	92.2	5.8	2.0	0.0	
	Turlough Hill - TH1	73	84.2	2.8	13.0	0.0	
	Turlough Hill - TH2	73	79.8	7.0	13.3	0.0	
	Turlough Hill - TH3	73	78.2	8.4	13.4	0.0	
	Turlough Hill - TH4	73	80.8	5.8	13.4	0.0	
	Edenderry Power Ltd	Edenderry - ED1	118	71.1	18.3	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	48.1	36.7	14.2	1.0
Rhode - RP1		52	91.6	5.6	2.8	0.0	
Rhode - RP2		52	95.1	2.0	2.8	0.1	
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	58.5	41.0	0.5	0.0	
Tarbert - TB4		241	0.0	100.0	0.0	0.0	
Tawnaghmore - TP1		52	96.1	1.9	2.0	0.0	
Tawnaghmore - TP3	52	88.3	11.7	0.0	0.0		
Indaver	Indaver - IW1	17	92.8	1.1	6.1	0.0	
Synergen	Dublin Bay - DB1	415	71.9	21.2	6.1	0.8	
Tynagh Energy Ltd	Tynagh - TYC	404	86.6	5.3	2.8	5.4	
Viridian	Huntstown - HN2	402	96.0	0.9	0.1	3.0	
	Huntstown - HNC	342	90.0	3.3	2.8	3.8	

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

Unit-by-Unit 365 Day Rolling Availability – November 2022			
Company	Unit	Capacity	Annual Availability %
Enel X	Enel X – AE1	87	15.3
	Enel X – AE2	13	32.5
	Enel X – AE3	14	47.7
	Enel X – AE4	16	6.5
	Enel X – AE5	16	0.0
	Enel X - EN1	16	9.7
	Enel X - EN2	17	6.2
	Enel X - EN3	17	26.2
	Enel X - EN4	16	19.0
	Enel X - EN5	6	2.3
	Enel X - EN6	11	18.2
	Enel X - EN8	24	31.5
	Enel X - EN9	16	41.8
	Enel X - EX1	21	4.8
DAE VPP	DAE VPP – DP1	13	34.6
	DAE VPP – DP2	30	25.2
	DAE VPP – DP3	9	4.3
Electricity Exchange Ltd	Electricity Exchange – EE1	65	26.8
	Electricity Exchange – EE2	30	20.8
	Electricity Exchange – EE3	11	14.9
	Electricity Exchange – EE4	13	7.5
	Electricity Exchange – EE5	17	53.1
	Electricity Exchange – EE6	14	39.7
	Electricity Exchange – EE7	7	42.5
	Electricity Exchange – EE8	12	7.5
	Electricity Exchange – EE9	12	25.4
Electric Ireland	Electric Ireland – EI1	17	31.8
Endeco	Endeco 1 – EC1	52	26.4
	Endeco 2 – EC2	12	29.2
	Endeco 3 – EC3	5	37.6
	Endeco 4 - EC4	5	54.0
	Endeco 5 – EC5	21	31.1
Energy Trading Ireland	Energy Trading – ET1	5	19.7
Powerhouse	Powerhouse – PG1	10	27.8

Table 6: 365 Day Rolling System Total Average Availability – December 2021 to November 2022

	Annual Availability %	Annual Forced %	Annual Scheduled %	Annual Ambient %	Annual FOR
Conventional Total Average Availability	74.2	17.9	6.6	1.3	19.2
DSU Total Average Availability	23.1	N/A	N/A	N/A	N/A

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