

EirGrid Monthly Availability Report – February 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 – February 2022

Unit-by-Unit Average Monthly Availability – February 2022							
Company	Unit	Capacity	Monthly Availability %	Monthly Forced %	Monthly Scheduled %	Monthly Ambient %	
Aughinish Alumina Ltd	Seal Rock - SK3	83	90.5	0.6	6.1	2.9	
	Seal Rock - SK4	83	96.5	0.6	0.0	2.9	
Bord Gáis	Whitegate - WG1	444	87.6	12.3	0.0	0.1	
Dublin Waste to Energy	DWTE - DW1	62	94.1	5.9	0.0	0.0	
ESB Energy Ireland	Aghada - AD2	449	97.4	2.6	0.0	0.0	
	Aghada - AT1	90	100.0	0.0	0.0	0.0	
	Aghada - AT2	90	98.5	1.5	0.0	0.0	
	Aghada - AT4	90	100.0	0.0	0.0	0.0	
	Ardnacrusha - AA1	21	99.9	0.1	0.0	0.0	
	Ardnacrusha - AA2	22	88.4	11.6	0.0	0.0	
	Ardnacrusha - AA3	19	99.0	0.8	0.2	0.0	
	Ardnacrusha - AA4	24	54.2	9.5	36.4	0.0	
	Erne - ER1	10	99.0	1.0	0.0	0.0	
	Erne - ER2	10	99.0	1.0	0.0	0.0	
	Erne - ER3	23	99.2	0.8	0.0	0.0	
	Erne - ER4	23	99.2	0.8	0.0	0.0	
	Lee - LE1	15	99.4	0.6	0.0	0.0	
	Lee - LE2	4	99.3	0.7	0.0	0.0	
	Lee - LE3	8	99.8	0.3	0.0	0.0	
	Liffey - LI1	15	0.0	100.0	0.0	0.0	
	Liffey - LI2	15	100.0	0.0	0.0	0.0	
	Liffey - LI4	4	96.6	3.4	0.0	0.0	
	Liffey - LI5	4	100.0	0.0	0.0	0.0	
	Moneypoint - MP1	285	82.7	17.3	0.0	0.0	
	Moneypoint - MP2	285	43.8	56.2	0.0	0.0	
	Moneypoint - MP3	285	85.0	15.0	0.0	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	98.2	1.8	0.0	0.0	
	Turlough Hill - TH2	73	99.2	0.8	0.0	0.0	
	Turlough Hill - TH3	73	99.9	0.1	0.0	0.0	
	Turlough Hill - TH4	73	100.0	0.0	0.0	0.0	
	Edenderry Power Ltd	Edenderry - ED1	118	81.2	18.8	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	98.7	0.0	0.0	1.2
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	90.5	9.5	0.0	0.0	
Tarbert - TB4		241	0.0	100.0	0.0	0.0	
Tawnaghmore - TP1		52	93.0	7.0	0.0	0.0	
Tawnaghmore - TP3	52	95.6	4.4	0.0	0.0		
Indaver	Indaver - IW1	17	89.1	10.9	0.0	0.0	
Synergen	Dublin Bay - DB1	415	99.9	0.1	0.0	0.1	
Tynagh Energy Ltd	Tynagh - TYC	404	77.8	18.8	0.0	3.5	
Viridian	Huntstown - HN2	402	98.1	0.0	0.0	1.9	
	Huntstown - HNC	342	95.8	0.0	0.6	3.6	

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

Unit-by-Unit Average Monthly Availability – February 2022			
Company	Unit	Capacity	Monthly Availability %
Enel X	Enel X – AE1	72	13.0
	Enel X – AE2	13	38.4
	Enel X – AE3	14	64.1
	Enel X – AE4	16	0.0
	Enel X – AE5	16	0.0
	Enel X - EN1	16	0.0
	Enel X - EN2	17	9.2
	Enel X - EN3	17	58.7
	Enel X - EN4	16	0.0
	Enel X - EN5	6	0.0
	Enel X - EN6	28	13.4
	Enel X - EN8	21	0.0
	Enel X - EN9	16	67.5
	DAE VPP	DAE VPP – DP1	11
DAE VPP – DP2		28	37.4
Electricity Exchange Ltd	Electricity Exchange – EE1	84	29.5
	Electricity Exchange – EE2	28	14.6
	Electricity Exchange – EE3	11	17.0
	Electricity Exchange – EE4	13	7.5
	Electricity Exchange – EE5	19	64.6
	Electricity Exchange – EE6	15	50.2
	Electricity Exchange – EE7	7	48.9
Electric Ireland	Electric Ireland – EI1	17	6.5
Endeco	Endeco 1 – EC1	56	33.9
	Endeco 2 – EC2	12	34.7
	Endeco 5 – EC5	22	32.5
Energy Trading Ireland	Energy Trading – ET1	5	20.0
Powerhouse	Powerhouse – PG1	11	32.9
Viridian	Viridian Energy – VE1	8	3.2

Table 3: System Total Average Monthly Availability – February 2022

	Monthly Availability %	Monthly Forced %	Monthly Scheduled %	Monthly Ambient %	Monthly FOR
Conventional Total Average Availability	85.9	13.1	0.3	0.7	13.1
DSU Total Average Availability	25.2	N/A	N/A	N/A	N/A

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

Unit-by-Unit 365 Day Rolling Availability – February 2022							
Company	Unit	Capacity	Annual Availability %	Annual Forced %	Annual Scheduled %	Annual Ambient %	
Aughinish Alumina Ltd	Seal Rock - SK3	83	86.0	0.9	7.2	5.9	
	Seal Rock - SK4	83	90.0	2.3	3.0	4.7	
Bord Gáis	Whitegate - WG1	444	23.4	73.9	2.7	0.0	
Dublin Waste to Energy	DWTE - DW1	62	88.8	11.2	0.0	0.0	
ESB Energy Ireland	Aghada - AD2	449	89.2	4.8	5.7	0.3	
	Aghada - AT1	90	93.0	1.7	5.4	0.0	
	Aghada - AT2	90	83.0	2.6	14.4	0.0	
	Aghada - AT4	90	99.0	0.3	0.7	0.0	
	Ardnacrusha - AA1	21	96.9	1.9	1.2	0.0	
	Ardnacrusha - AA2	22	92.8	1.3	5.9	0.0	
	Ardnacrusha - AA3	19	84.2	2.1	13.7	0.0	
	Ardnacrusha - AA4	24	28.5	45.7	25.8	0.0	
	Erne - ER1	10	93.0	1.9	5.1	0.0	
	Erne - ER2	10	87.0	11.5	1.4	0.0	
	Erne - ER3	23	92.3	1.5	6.3	0.0	
	Erne - ER4	23	95.5	3.2	1.3	0.0	
	Lee - LE1	15	62.0	37.9	0.1	0.0	
	Lee - LE2	4	69.2	16.7	14.1	0.0	
	Lee - LE3	8	74.8	16.3	8.9	0.0	
	Liffey - LI1	15	11.6	80.9	7.5	0.0	
	Liffey - LI2	15	24.1	68.5	7.5	0.0	
	Liffey - LI4	4	83.0	17.0	0.0	0.0	
	Liffey - LI5	4	46.0	54.0	0.0	0.0	
	Moneypoint - MP1	285	80.7	16.0	3.3	0.0	
	Moneypoint - MP2	285	50.2	49.8	0.0	0.0	
	Moneypoint - MP3	285	81.9	14.7	3.4	0.0	
	Poolbeg - PBA	232	87.6	2.9	9.4	0.1	
	Poolbeg - PBB	232	74.5	8.5	16.9	0.2	
	Turlough Hill - TH1	73	96.9	0.6	2.6	0.0	
	Turlough Hill - TH2	73	96.5	0.9	2.7	0.0	
	Turlough Hill - TH3	73	96.8	0.5	2.7	0.0	
	Turlough Hill - TH4	73	96.9	0.5	2.7	0.0	
	Edenderry Power Ltd	Edenderry - ED1	118	77.9	11.9	10.2	0.0
		Edenderry - ED3	58	98.7	1.2	0.1	0.0
		Edenderry - ED5	58	99.8	0.0	0.1	0.0
	SSE Generation Ireland	Great Island - GI4	464	95.0	1.2	2.1	1.7
Rhode - RP1		52	85.2	7.6	7.2	0.0	
Rhode - RP2		52	92.0	1.4	6.6	0.0	
Tarbert - TB1		54	47.3	44.4	8.3	0.0	
Tarbert - TB2		54	42.9	55.2	1.9	0.0	
Tarbert - TB3		241	66.8	25.3	7.9	0.0	
Tarbert - TB4		241	8.4	91.6	0.0	0.0	
Tawnaghmore - TP1		52	87.0	5.5	7.5	0.0	
Tawnaghmore - TP3	52	87.3	5.2	7.5	0.0		
Indaver	Indaver - IW1	17	90.6	9.4	0.0	0.0	
Synergen	Dublin Bay - DB1	415	69.0	11.4	19.5	0.2	
Tynagh Energy Ltd	Tynagh - TYC	404	83.2	6.3	5.8	4.7	
Viridian	Huntstown - HN2	402	34.5	52.7	12.2	0.7	
	Huntstown - HNC	342	95.5	0.3	0.1	4.1	

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 5: Unit-by-Unit 365 Day Rolling Availability Demand Side Units – March 2021 to February 2022

Unit-by-Unit 365 Day Rolling Availability – February 2022			
Company	Unit	Capacity	Annual Availability %
Enel X	Enel X – AE1	72	13.3
	Enel X – AE2	13	39.7
	Enel X – AE3	14	55.7
	Enel X – AE4	16	1.2
	Enel X – AE5	16	0.0
	Enel X - EN1	16	14.1
	Enel X - EN2	17	2.2
	Enel X - EN3	17	35.1
	Enel X - EN4	16	1.9
	Enel X - EN5	6	9.7
	Enel X - EN6	28	26.2
	Enel X - EN8	21	34.9
	Enel X - EN9	16	49.8
	DAE VPP	DAE VPP – DP1	11
DAE VPP – DP2		28	29.5
Electricity Exchange Ltd	Electricity Exchange – EE1	84	33.9
	Electricity Exchange – EE2	28	23.4
	Electricity Exchange – EE3	11	16.5
	Electricity Exchange – EE4	13	15.4
	Electricity Exchange – EE5	19	53.9
	Electricity Exchange – EE6	15	53.9
	Electricity Exchange – EE7	7	53.5
Electric Ireland	Electric Ireland – E11	17	15.9
Endeco	Endeco 1 – EC1	56	35.2
	Endeco 2 – EC2	12	24.5
	Endeco 5 – EC5	22	39.8
Energy Trading Ireland	Energy Trading – ET1	5	11.5
Powerhouse	Powerhouse – PG1	11	25.9
Viridian	Viridian Energy – VE1	8	11.4

Table 6: 365 Day Rolling System Total Average Availability – March 2021 to February 2022

	Annual Availability %	Annual Forced %	Annual Scheduled %	Annual Ambient %	Annual FOR
Conventional Total Average Availability	72.0	21.0	6.1	0.9	22.4
DSU Total Average Availability	27.1	N/A	N/A	N/A	N/A