

EirGrid Monthly Availability Report – January 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 – January 2022

Unit-by-Unit Average Monthly Availability – January 2022						
Company	Unit	Capacity	Monthly Availability %	Monthly Forced %	Monthly Scheduled %	Monthly Ambient %
Aughinish Alumina Ltd	Seal Rock - SK3	85	93.2	0.1	2.4	4.3
	Seal Rock - SK4	85	97.8	0.3	0.0	2.0
Bord Gáis	Whitegate - WG1	444	98.4	1.6	0.0	0.0
Dublin Waste to Energy	DWTE - DW1	62	91.6	8.4	0.0	0.0
ESB Energy Ireland	Aghada - AD2	431	72.1	27.2	0.7	0.0
	Aghada - AT1	90	100.0	0.0	0.0	0.0
	Aghada - AT2	90	95.3	4.7	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	100.0	0.0	0.0	0.0
	Ardnacrusha - AA3	19	100.0	0.0	0.0	0.0
	Ardnacrusha - AA4	24	50.0	0.0	50.0	0.0
	Erne - ER1	10	99.0	1.0	0.0	0.0
	Erne - ER2	10	59.1	40.9	0.0	0.0
	Erne - ER3	22	100.0	0.0	0.0	0.0
	Erne - ER4	22	100.0	0.0	0.0	0.0
	Lee - LE1	15	100.0	0.0	0.0	0.0
	Lee - LE2	4	99.9	0.2	0.0	0.0
	Lee - LE3	8	100.0	0.0	0.0	0.0
	Liffey - LI1	15	0.0	100.0	0.0	0.0
	Liffey - LI2	15	56.3	43.7	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	88.7	11.3	0.0	0.0
	Moneypoint - MP2	285	77.6	22.4	0.0	0.0
	Moneypoint - MP3	285	87.7	12.3	0.0	0.0
	Poolbeg - PBA	231	99.9	0.1	0.0	0.0
	Poolbeg - PBB	231	96.4	3.6	0.0	0.0
Turlough Hill - TH1	73	100.0	0.0	0.0	0.0	
Turlough Hill - TH2	73	99.9	0.1	0.0	0.0	
Turlough Hill - TH3	73	99.1	0.9	0.0	0.0	
Turlough Hill - TH4	73	99.4	0.6	0.0	0.0	
Edenderry Power Ltd	Edenderry - ED1	118	89.0	11.0	0.0	0.0
	Edenderry - ED3	58	86.2	13.8	0.0	0.0
	Edenderry - ED5	58	99.6	0.4	0.0	0.0
SSE Generation Ireland	Great Island - GI4	461	99.6	0.0	0.0	0.4
	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	80.8	19.2	0.0	0.0
	Tarbert - TB4	243	0.0	100.0	0.0	0.0
	Tawnaghmore - TP1	52	100.0	0.0	0.0	0.0
Tawnaghmore - TP3	52	100.0	0.0	0.0	0.0	
Indaver	Indaver - IW1	16	98.9	1.1	0.0	0.0
Synergen	Dublin Bay - DB1	405	100.0	0.0	0.0	0.0
Tynagh Energy Ltd	Tynagh - TYC	384	96.8	0.3	0.0	3.0
Viridian	Huntstown - HN2	400	98.5	0.7	0.0	0.8
	Huntstown - HNC	342	98.2	0.1	0.0	1.8

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 – January 2022

Unit-by-Unit Average Monthly Availability – January 2022			
Company	Unit	Capacity	Monthly Availability %
Activation Energy	Activation Energy 1 – AE1	72	8.7
	Activation Energy 2 – AE2	13	27.9
	Activation Energy 3 – AE3	14	57.2
	Activation Energy 4 – AE4	16	0.0
	Activation Energy 5 – AE5	16	0.0
	Enernoc 1 - EN1	16	0.0
	Enernoc 2 - EN2	17	0.0
	Enernoc 3-EN3	17	24.2
	Enernoc 4-EN4	16	14.7
	Enernoc 5-EN5	6	0.0
	Enernoc 6-EN6	28	10.8
	Enernoc 8-EN8	21	33.2
	Enernoc 9-EN9	16	69.0
DAE VPP	DAE VPP – DP1	11	35.5
	DAE VPP – DP2	28	20.4
Electricity Exchange Ltd	Electricity Exchange – EE1	84	27.3
	Electricity Exchange – EE2	28	13.5
	Electricity Exchange – EE3	11	15.8
	Electricity Exchange – EE4	13	7.6
	Electricity Exchange – EE5	19	49.7
	Electricity Exchange – EE6	15	29.5
	Electricity Exchange – EE7	7	43.2
Electric Ireland	Electric Ireland – EI1	17	6.0
Endeco	Endeco 1 – EC1	56	28.7
	Endeco 2 – EC2	12	28.0
	Endeco 5 – EC5	22	26.3
Energy Trading Ireland	Energy Trading – ET1	5	20.0
Powerhouse	Powerhouse – PG1	11	29.5
Viridian	Viridian Energy – VE1	8	3.2

Table 3: System Total Average Monthly Availability – January 2022

	Monthly Availability %	Monthly Forced %	Monthly Scheduled %	Monthly Ambient %	Monthly FOR
Conventional Total Average Availability	87.7	11.6	0.3	0.4	11.6
DSU Total Average Availability	21.5	N/A	N/A	N/A	N/A

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

Unit-by-Unit 365 Day Rolling Availability – January 2022							
Company	Unit	Capacity	Annual Availability %	Annual Forced %	Annual Scheduled %	Annual Ambient %	
Aughinish Alumina Ltd	Seal Rock - SK3	85	86.1	0.9	6.7	6.2	
	Seal Rock - SK4	85	90.0	2.2	3.1	4.7	
Bord Gáis	Whitegate - WG1	444	16.6	80.6	2.7	0.0	
Dublin Waste to Energy	DWTE - DW1	62	88.4	11.6	0.0	0.0	
ESB Energy Ireland	Aghada - AD2	431	87.6	6.5	5.7	0.3	
	Aghada - AT1	90	93.0	1.7	5.4	0.0	
	Aghada - AT2	90	83.1	2.5	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	93.7	0.4	5.9	0.0	
	Ardnacrusha - AA3	19	84.3	2.0	13.7	0.0	
	Ardnacrusha - AA4	24	28.6	48.2	23.2	0.0	
	Erne - ER1	10	93.1	1.8	5.1	0.0	
	Erne - ER2	10	87.1	11.5	1.4	0.0	
	Erne - ER3	22	92.3	1.4	6.3	0.0	
	Erne - ER4	22	95.6	3.2	1.3	0.0	
	Lee - LE1	15	62.1	37.9	0.1	0.0	
	Lee - LE2	4	69.3	16.6	14.1	0.0	
	Lee - LE3	8	74.4	16.7	8.9	0.0	
	Liffey - LI1	15	19.3	73.2	7.5	0.0	
	Liffey - LI2	15	24.0	68.5	7.5	0.0	
	Liffey - LI4	4	83.1	16.9	0.0	0.0	
	Liffey - LI5	4	45.3	54.7	0.0	0.0	
	Moneypoint - MP1	285	80.1	16.7	3.3	0.0	
	Moneypoint - MP2	285	49.6	50.4	0.0	0.0	
	Moneypoint - MP3	285	79.4	17.2	3.4	0.0	
	Poolbeg - PBA	231	87.1	3.4	9.4	0.1	
	Poolbeg - PBB	231	74.5	8.5	16.9	0.2	
	Turlough Hill - TH1	73	97.0	0.4	2.6	0.0	
	Turlough Hill - TH2	73	96.5	0.8	2.7	0.0	
	Turlough Hill - TH3	73	96.7	0.5	2.8	0.0	
	Turlough Hill - TH4	73	96.8	0.5	2.7	0.0	
	Edenderry Power Ltd	Edenderry - ED1	118	79.3	10.5	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	461	95.1	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	54.9	36.8	8.3	0.0	
Tarbert - TB2		54	50.6	47.5	1.9	0.0	
Tarbert - TB3		241	65.7	26.4	7.9	0.0	
Tarbert - TB4		243	12.8	87.2	0.0	0.0	
Tawnaghmore - TP1		52	87.5	5.0	7.5	0.0	
Tawnaghmore - TP3	52	87.7	4.9	7.5	0.0		
Indaver	Indaver - IW1	16	90.4	9.6	0.0	0.0	
Synergen	Dublin Bay - DB1	405	69.0	11.4	19.5	0.2	
Tynagh Energy Ltd	Tynagh - TYC	384	84.0	5.5	5.8	4.7	
Viridian	Huntstown - HN2	400	27.0	60.3	12.2	0.5	
	Huntstown - HNC	342	95.4	0.4	0.1	4.1	

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

Unit-by-Unit 365 Day Rolling Availability – January 2022			
Company	Unit	Capacity	Annual Availability %
Activation Energy	Activation Energy 1 – AE1	72	13.6
	Activation Energy 2 – AE2	13	38.4
	Activation Energy 3 – AE3	14	55.8
	Activation Energy 4 – AE4	16	3.7
	Activation Energy 5 – AE5	16	0.0
	Enernoc 1-EN1	16	16.8
	Enernoc 2-EN2	17	4.0
	Enernoc3-EN3	17	30.6
	Enernoc 4-EN4	16	2.5
	Enernoc 5-EN5	6	11.0
	Enernoc 6-EN6	28	28.6
	Enernoc 8-EN8	21	36.7
	Enernoc 9-EN9	16	48.9
	DAE VPP	DAE VPP – DP1	11
DAE VPP – DP2		28	29.3
Electricity Exchange Ltd	Electricity Exchange – EE1	84	34.1
	Electricity Exchange – EE2	28	23.3
	Electricity Exchange – EE3	11	16.6
	Electricity Exchange – EE4	13	15.8
	Electricity Exchange – EE5	19	52.8
	Electricity Exchange – EE6	15	53.5
	Electricity Exchange – EE7	7	54.0
Electric Ireland	Electric Ireland – EI1	17	20.2
Endeco	Endeco 1 – EC1	56	35.4
	Endeco 2 – EC2	12	24.2
	Endeco 5 – EC5	22	40.9
Energy Trading Ireland	Energy Trading – ET1	5	9.3
Powerhouse	Powerhouse – PG1	11	25.1
Viridian	Viridian Energy – VE1	8	12.1

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

	Annual Availability %	Annual Forced %	Annual Scheduled %	Annual Ambient %	Annual FOR
Conventional Total Average Availability	71.0	22.0	6.1	0.9	23.5
DSU Total Average Availability	27.6	N/A	N/A	N/A	N/A