

EirGrid Monthly Availability Report – May 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 – May 2022

Unit-by-Unit Average Monthly Availability – May 2022							
Company	Unit	Capacity	Monthly Availability %	Monthly Forced %	Monthly Scheduled %	Monthly Ambient %	
Aughinish Alumina Ltd	Seal Rock - SK3	83	94.3	0.0	0.0	5.7	
	Seal Rock - SK4	83	95.6	0.0	0.0	4.5	
Bord Gáis	Whitegate - WG1	444	96.6	1.6	0.0	1.8	
Dublin Waste to Energy	DWTE - DW1	62	92.0	8.0	0.0	0.0	
ESB Energy Ireland	Aghada - AD2	449	76.3	2.7	19.2	1.9	
	Aghada - AT1	90	78.2	21.8	0.0	0.0	
	Aghada - AT2	90	82.9	17.1	0.0	0.0	
	Aghada - AT4	90	100.0	0.1	0.0	0.0	
	Ardnacrusha - AA1	21	82.2	17.8	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	98.2	1.8	0.0	0.0	
	Erne - ER2	10	83.5	2.1	14.4	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	53.6	0.0	46.4	0.0	
	Lee - LE2	4	0.0	100.0	0.0	0.0	
	Lee - LE3	8	72.1	0.0	27.9	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	100.0	0.0	0.0	0.0	
	Liffey - LI5	4	100.0	0.0	0.0	0.0	
	Moneypoint - MP1	285	75.4	24.6	0.0	0.0	
	Moneypoint - MP2	285	0.0	0.0	100.0	0.0	
	Moneypoint - MP3	285	39.6	60.5	0.0	0.0	
	Poolbeg - PBA	232	90.1	0.3	9.6	0.0	
	Poolbeg - PBB	232	80.5	11.3	8.2	0.0	
	Turlough Hill - TH1	73	32.2	1.4	66.5	0.0	
	Turlough Hill - TH2	73	31.6	1.8	66.6	0.0	
	Turlough Hill - TH3	73	30.5	0.0	69.5	0.0	
	Turlough Hill - TH4	73	30.4	0.0	69.6	0.0	
	Edenderry Power Ltd	Edenderry - ED1	118	81.7	18.3	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	0.0	100.0	0.0	0.0
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	83.7	16.3	0.0	0.0	
Tarbert - TB4		241	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	17	100.0	0.0	0.0	0.0	
Synergen	Dublin Bay - DB1	415	61.9	38.1	0.0	0.0	
Tynagh Energy Ltd	Tynagh - TYC	404	84.9	9.5	0.0	5.5	
Viridian	Huntstown - HN2	402	96.8	0.0	0.0	3.2	
	Huntstown - HNC	342	96.0	0.0	0.0	4.0	

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

Unit-by-Unit Average Monthly Availability – May 2022			
Company	Unit	Capacity	Monthly Availability %
Enel X	Enel X – AE1	71	21.3
	Enel X – AE2	13	39.4
	Enel X – AE3	14	57.4
	Enel X – AE4	16	0.0
	Enel X – AE5	16	0.0
	Enel X - EN1	16	5.8
	Enel X - EN2	17	0.0
	Enel X - EN3	17	52.9
	Enel X - EN4	16	0.0
	Enel X - EN5	6	0.0
	Enel X - EN6	28	16.9
	Enel X - EN8	21	50.0
	Enel X - EN9	16	33.3
	Enel X - EX1	21	4.8
DAE VPP	DAE VPP – DP1	11	42.2
	DAE VPP – DP2	28	25.7
Electricity Exchange Ltd	Electricity Exchange – EE1	84	29.3
	Electricity Exchange – EE2	28	26.7
	Electricity Exchange – EE3	11	16.6
	Electricity Exchange – EE4	13	7.6
	Electricity Exchange – EE5	19	51.3
	Electricity Exchange – EE6	15	9.5
	Electricity Exchange – EE7	7	48.9
Electric Ireland	Electric Ireland – EI1	17	60.7
Endeco	Endeco 1 – EC1	58	28.0
	Endeco 2 – EC2	12	25.1
	Endeco 5 – EC5	23	42.4
Energy Trading Ireland	Energy Trading – ET1	5	19.9
Powerhouse	Powerhouse – PG1 ²	9	31.2
Viridian	Viridian Energy – VE1	8	1.9

Table 3: System Total Average Monthly Availability – May 2022

	Monthly Availability %	Monthly Forced %	Monthly Scheduled %	Monthly Ambient %	Monthly FOR
Conventional Total Average Availability	65.9	22.6	10.3	1.2	25.2
DSU Total Average Availability	25.8	N/A	N/A	N/A	N/A

² PG1 Capacity decreased from 11MW to 9MW

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

Unit-by-Unit 365 Day Rolling Availability – May 2022						
Company	Unit	Capacity	Annual Availability %	Annual Forced %	Annual Scheduled %	Annual Ambient %
Aughinish Alumina Ltd	Seal Rock - SK3	83	87.8	0.2	5.8	6.2
	Seal Rock - SK4	83	90.3	2.9	2.0	4.8
Bord Gáis	Whitegate - WG1	444	47.5	49.5	2.7	0.3
Dublin Waste to Energy	DWTE - DW1	62	89.0	11.0	0.0	0.0
ESB Energy Ireland	Aghada - AD2	449	91.1	6.4	2.0	0.5
	Aghada - AT1	90	91.8	3.5	4.7	0.0
	Aghada - AT2	90	82.2	4.1	13.7	0.0
	Aghada - AT4	90	99.9	0.1	0.0	0.0
	Ardnacrusha - AA1	21	94.0	3.7	2.4	0.0
	Ardnacrusha - AA2	22	92.8	1.3	5.9	0.0
	Ardnacrusha - AA3	19	84.6	1.7	13.7	0.0
	Ardnacrusha - AA4	24	31.5	37.0	31.4	0.0
	Erne - ER1	10	97.0	0.7	2.3	0.0
	Erne - ER2	10	85.9	11.4	2.7	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	75.3	20.7	4.0	0.0
	Lee - LE2	4	66.9	32.7	0.4	0.0
	Lee - LE3	8	71.5	17.3	11.3	0.0
	Liffey - LI1	15	0.0	100.0	0.0	0.0
	Liffey - LI2	15	37.4	62.7	0.0	0.0
	Liffey - LI4	4	83.0	17.0	0.0	0.0
	Liffey - LI5	4	50.1	49.8	0.0	0.0
	Moneypoint - MP1	285	77.6	19.1	3.3	0.0
	Moneypoint - MP2	285	46.2	37.7	16.1	0.0
	Moneypoint - MP3	285	76.5	20.1	3.4	0.0
	Poolbeg - PBA	232	86.7	2.9	10.3	0.1
	Poolbeg - PBB	232	75.0	8.7	16.1	0.2
Turlough Hill - TH1	73	93.7	0.4	5.8	0.0	
Turlough Hill - TH2	73	93.2	0.8	6.1	0.0	
Turlough Hill - TH3	73	93.3	0.5	6.2	0.0	
Turlough Hill - TH4	73	93.4	0.4	6.3	0.0	
Edenderry Power Ltd	Edenderry - ED1	118	73.3	14.9	11.8	0.0
	Edenderry - ED3	58	98.7	1.2	0.1	0.0
	Edenderry - ED5	58	99.6	0.3	0.1	0.0
SSE Generation Ireland	Great Island - GI4	464	70.6	26.2	1.6	1.6
	Rhode - RP1	52	86.1	6.8	7.0	0.0
	Rhode - RP2	52	92.1	1.5	6.4	0.0
	Tarbert - TB1	54	27.3	69.1	3.6	0.0
	Tarbert - TB2	54	22.4	77.6	0.0	0.0
	Tarbert - TB3	241	64.9	27.2	7.9	0.0
	Tarbert - TB4	241	0.3	99.7	0.0	0.0
Tawnaghmore - TP1	52	97.8	2.2	0.0	0.0	
Tawnaghmore - TP3	52	99.5	0.5	0.0	0.0	
Indaver	Indaver - IW1	17	86.7	7.2	6.1	0.0
Synergen	Dublin Bay - DB1	415	71.5	19.4	8.9	0.2
Tynagh Energy Ltd	Tynagh - TYC	404	90.6	4.1	0.0	5.3
Viridian	Huntstown - HN2	402	58.8	39.6	0.3	1.3
	Huntstown - HNC	342	92.8	0.4	2.8	4.0

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 – June 2021 to May 2022

Unit-by-Unit 365 Day Rolling Availability – May 2022			
Company	Unit	Capacity	Annual Availability %
Enel X	Enel X – AE1	71	14.0
	Enel X – AE2	13	37.8
	Enel X – AE3	14	56.7
	Enel X – AE4	16	3.9
	Enel X – AE5	16	0.0
	Enel X - EN1	16	8.5
	Enel X - EN2	17	0.9
	Enel X - EN3	17	34.0
	Enel X - EN4	16	6.9
	Enel X - EN5	6	5.8
	Enel X - EN6	28	22.1
	Enel X - EN8	21	34.9
	Enel X - EN9	16	44.6
	Enel X - EX1	21	4.7
DAE VPP	DAE VPP – DP1	11	38.8
	DAE VPP – DP2	28	27.1
Electricity Exchange Ltd	Electricity Exchange – EE1	84	31.3
	Electricity Exchange – EE2	28	24.0
	Electricity Exchange – EE3	11	16.6
	Electricity Exchange – EE4	13	12.9
	Electricity Exchange – EE5	19	52.6
	Electricity Exchange – EE6	15	44.7
	Electricity Exchange – EE7	7	50.1
Electric Ireland	Electric Ireland – EI1	17	17.5
Endeco	Endeco 1 – EC1	58	33.3
	Endeco 2 – EC2	12	26.1
	Endeco 5 – EC5	23	39.5
Energy Trading Ireland	Energy Trading – ET1	5	18.0
Powerhouse	Powerhouse – PG1	9	29.5
Viridian	Viridian Energy – VE1	8	6.9

Table 6: 365 Day Rolling System Total Average Availability – June 2021 to May 2022

	Annual Availability %	Annual Forced %	Annual Scheduled %	Annual Ambient %	Annual FOR
Conventional Total Average Availability	72.8	21.4	4.8	1.0	22.5
DSU Total Average Availability	25.3	N/A	N/A	N/A	N/A