

EirGrid Monthly Availability Report – April 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

Email: info@eirgrid.com

Email: OutagePlanning@eirgrid.com

www.eirgridgroup.com

¹ Based on EDIL (Electronic Dispatch Instruction Logger) declarations.

Table 1: Unit-by-Unit Average Monthly Availability Conventional Units – April 2022

Unit-by-Unit Average Monthly Availability – April 2022						
Company	Unit	Capacity	Monthly Availability %	Monthly Forced %	Monthly Scheduled %	Monthly Ambient %
Aughinish Alumina Ltd	Seal Rock - SK3	85	96.0	0.0	0.0	4.0
	Seal Rock - SK4	85	97.6	0.0	0.0	2.4
Bord Gáis	Whitegate - WG1	444	98.9	0.0	0.0	1.1
Dublin Waste to Energy	DWTE - DW1	62	99.0	1.0	0.0	0.0
ESB Energy Ireland	Aghada - AD2	431	98.7	0.0	0.0	1.3
	Aghada - AT1	90	99.6	0.0	0.4	0.0
	Aghada - AT2	90	100.0	0.0	0.0	0.0
	Aghada - AT4	90	100.0	0.0	0.0	0.0
	Ardnacrusha - AA1	21	81.2	4.3	14.5	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	86.0	0.0	14.0	0.0
	Erne - ER2	10	100.0	0.0	0.0	0.0
	Erne - ER3	22	99.8	0.0	0.2	0.0
	Erne - ER4	22	99.9	0.0	0.1	0.0
	Lee - LE1	15	100.0	0.0	0.0	0.0
	Lee - LE2	4	0.0	100.0	0.0	0.0
	Lee - LE3	8	87.5	12.5	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	100.0	0.0	0.0	0.0
	Liffey - LI5	4	100.0	0.0	0.0	0.0
	Moneypoint - MP1	285	54.9	45.1	0.0	0.0
	Moneypoint - MP2	285	5.2	1.7	93.1	0.0
	Moneypoint - MP3	285	74.9	25.1	0.0	0.0
	Poolbeg - PBA	231	100.0	0.0	0.0	0.0
	Poolbeg - PBB	231	100.0	0.0	0.0	0.0
	Turlough Hill - TH1	73	100.0	0.0	0.0	0.0
	Turlough Hill - TH2	73	100.0	0.0	0.0	0.0
	Turlough Hill - TH3	73	100.0	0.0	0.0	0.0
	Turlough Hill - TH4	73	98.4	1.6	0.0	0.0
Edenderry Power Ltd	Edenderry - ED1	118	60.0	20.4	19.5	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	461	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	79.9	20.1	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	62.9	0.5	36.6	0.0
Synergen	Dublin Bay - DB1	405	57.7	42.0	0.0	0.3
Tynagh Energy Ltd	Tynagh - TYC	384	94.9	0.8	0.0	4.4
Viridian	Huntstown - HN2	400	96.3	0.8	1.1	1.8
	Huntstown - HNC	342	96.8	0.7	0.0	2.5

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 – April 2022

Unit-by-Unit Average Monthly Availability – April 2022			
Company	Unit	Capacity	Monthly Availability %
Enel X	Enel X – AE1 ²	71	23.0
	Enel X – AE2	13	38.9
	Enel X – AE3	14	64.1
	Enel X – AE4	16	11.0
	Enel X – AE5	16	0.0
	Enel X - EN1	16	0.0
	Enel X - EN2	17	0.0
	Enel X - EN3	17	36.3
	Enel X - EN4	16	19.3
	Enel X - EN5	6	0.0
	Enel X - EN6	28	24.4
	Enel X - EN8	21	57.1
	Enel X - EN9	16	2.7
	Enel X - EX1	21	4.8
DAE VPP	DAE VPP – DP1	11	37.8
	DAE VPP – DP2	28	35.8
Electricity Exchange Ltd	Electricity Exchange – EE1	84	27.7
	Electricity Exchange – EE2	28	26.7
	Electricity Exchange – EE3	11	17.4
	Electricity Exchange – EE4	13	7.4
	Electricity Exchange – EE5	19	49.7
	Electricity Exchange – EE6	15	36.6
	Electricity Exchange – EE7	7	47.2
Electric Ireland	Electric Ireland – EI1	17	55.1
Endeco	Endeco 1 – EC1	58	27.5
	Endeco 2 – EC2	12	23.0
	Endeco 5 – EC5	23	39.7
Energy Trading Ireland	Energy Trading – ET1	5	20.0
Powerhouse	Powerhouse – PG1	11	30.2
Viridian	Viridian Energy – VE1	8	1.9

Table 3: System Total Average Monthly Availability – April 2022

	Monthly Availability %	Monthly Forced %	Monthly Scheduled %	Monthly Ambient %	Monthly FOR
Conventional Total Average Availability	73.3	20.7	5.2	0.8	21.8
DSU Total Average Availability	26.5	N/A	N/A	N/A	N/A

² AE1 Capacity decreased from 72MW to 71MW

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

Unit-by-Unit 365 Day Rolling Availability – April 2022						
Company	Unit	Capacity	Annual Availability %	Annual Forced %	Annual Scheduled %	Annual Ambient %
Aughinish Alumina Ltd	Seal Rock - SK3	85	87.0	0.6	6.5	5.9
	Seal Rock - SK4	85	89.5	2.9	3.0	4.6
Bord Gáis	Whitegate - WG1	444	39.2	58.0	2.7	0.1
Dublin Waste to Energy	DWTE - DW1	62	89.1	10.9	0.0	0.0
ESB Energy Ireland	Aghada - AD2	431	88.3	6.2	5.2	0.4
	Aghada - AT1	90	93.6	1.7	4.7	0.0
	Aghada - AT2	90	83.7	2.6	13.7	0.0
	Aghada - AT4	90	99.9	0.1	0.0	0.0
	Ardnacrusha - AA1	21	95.4	2.2	2.4	0.0
	Ardnacrusha - AA2	22	92.8	1.3	5.9	0.0
	Ardnacrusha - AA3	19	84.4	1.9	13.7	0.0
	Ardnacrusha - AA4	24	31.5	38.2	30.2	0.0
	Erne - ER1	10	96.9	0.8	2.3	0.0
	Erne - ER2	10	87.2	11.4	1.4	0.0
	Erne - ER3	22	92.3	1.5	6.3	0.0
	Erne - ER4	22	95.5	3.2	1.3	0.0
	Lee - LE1	15	70.7	29.2	0.1	0.0
	Lee - LE2	4	66.9	25.8	7.3	0.0
	Lee - LE3	8	73.7	17.4	8.9	0.0
	Liffey - LI1	15	0.0	97.6	2.4	0.0
	Liffey - LI2	15	28.9	68.8	2.4	0.0
	Liffey - LI4	4	83.0	17.0	0.0	0.0
	Liffey - LI5	4	46.1	53.8	0.0	0.0
	Moneypoint - MP1	285	79.4	17.3	3.3	0.0
	Moneypoint - MP2	285	50.3	42.0	7.7	0.0
	Moneypoint - MP3	285	80.2	16.5	3.4	0.0
	Poolbeg - PBA	231	87.6	2.9	9.4	0.1
	Poolbeg - PBB	231	76.2	8.2	15.4	0.2
	Turlough Hill - TH1	73	99.4	0.3	0.3	0.0
	Turlough Hill - TH2	73	98.9	0.6	0.5	0.0
	Turlough Hill - TH3	73	99.1	0.5	0.4	0.0
	Turlough Hill - TH4	73	99.2	0.4	0.4	0.0
Edenderry Power Ltd	Edenderry - ED1	118	74.8	13.4	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	461	78.9	17.8	1.6	1.7
	Rhode - RP1	52	86.0	6.8	7.2	0.0
	Rhode - RP2	52	92.0	1.5	6.6	0.0
	Tarbert - TB1	54	30.9	60.8	8.3	0.0
	Tarbert - TB2	54	26.3	71.8	1.9	0.0
	Tarbert - TB3	241	65.5	26.5	7.9	0.0
	Tarbert - TB4	243	0.3	99.7	0.0	0.0
	Tawnaghmore - TP1	52	92.2	5.4	2.4	0.0
Tawnaghmore - TP3	52	92.4	5.2	2.4	0.0	
Indaver	Indaver - IW1	16	86.6	7.3	6.1	0.0
Synergen	Dublin Bay - DB1	405	66.3	16.1	17.4	0.2
Tynagh Energy Ltd	Tynagh - TYC	384	88.3	6.0	0.6	5.1
Viridian	Huntstown - HN2	400	50.7	48.1	0.3	1.0
	Huntstown - HNC	342	92.8	0.4	2.8	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 – May 2021 to April 2022

Unit-by-Unit 365 Day Rolling Availability – April 2022			
Company	Unit	Capacity	Annual Availability %
Enel X	Enel X – AE1	71	13.6
	Enel X – AE2	13	38.1
	Enel X – AE3	14	56.8
	Enel X – AE4	16	3.9
	Enel X – AE5	16	0.0
	Enel X - EN1	16	10.7
	Enel X - EN2	17	0.9
	Enel X - EN3	17	34.5
	Enel X - EN4	16	6.9
	Enel X - EN5	6	7.0
	Enel X - EN6	28	23.6
	Enel X - EN8	21	35.5
	Enel X - EN9	16	43.5
	Enel X - EX1	21	4.7
DAE VPP	DAE VPP – DP1	11	38.9
	DAE VPP – DP2	28	38.9
Electricity Exchange Ltd	Electricity Exchange – EE1	84	27.7
	Electricity Exchange – EE2	28	32.2
	Electricity Exchange – EE3	11	32.2
	Electricity Exchange – EE4	13	24.2
	Electricity Exchange – EE5	19	16.7
	Electricity Exchange – EE6	15	13.6
	Electricity Exchange – EE7	7	53.4
Electric Ireland	Electric Ireland – EI1	17	48.9
Endeco	Endeco 1 – EC1	58	51.1
	Endeco 2 – EC2	12	12.9
	Endeco 5 – EC5	23	34.1
Energy Trading Ireland	Energy Trading – ET1	5	25.6
Powerhouse	Powerhouse – PG1	11	39.7
Viridian	Viridian Energy – VE1	8	16.7

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

	Annual Availability %	Annual Forced %	Annual Scheduled %	Annual Ambient %	Annual FOR
Conventional Total Average Availability	72.3	21.7	5.0	0.9	22.9
DSU Total Average Availability	26.9	N/A	N/A	N/A	N/A