

EirGrid Monthly Availability Report

March 2023

Definitions

Availability: The maximum generation of electricity which generators can achieve during that period¹

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

www.eirgridgroup.com

¹ Based on EDIL (Electronic Dispatch Instruction Logger) declarations



Table 1: Unit-by-Unit Average Monthly Availability Conventional Units – March 2023

Unit-by-Unit Average Monthly Availability – March 2023							
Company	Unit	Capacity	Monthly Availability %	Monthly Forced %	Monthly Scheduled %	Monthly Ambient %	
Aughinish Alumina Ltd	Seal Rock - SK3	83	93.5	2.9	0.1	3.5	
	Seal Rock - SK4	83	57.7	0.3	41.1	1.0	
Bord Gáis	Whitegate - WG1	444	98.0	0.0	0.0	2.0	
Dublin Waste to Energy	DWTE - DW1	62	85.8	14.2	0.0	0.0	
ESB Energy Ireland	Aghada - AD2	449	98.3	0.0	0.0	1.7	
	Aghada - AT1	90	91.2	8.8	0.0	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	100.0	0.0	0.0	0.0	
	Ardnacrusha - AA2	22	99.6	0.4	0.0	0.0	
	Ardnacrusha - AA3	19	99.0	1.0	0.0	0.0	
	Ardnacrusha - AA4	24	0.0	100.0	0.0	0.0	
	Erne - ER1	10	100.0	0.0	0.0	0.0	
	Erne - ER2	10	100.0	0.0	0.0	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	100.0	0.0	0.0	0.0	
	Lee - LE2	4	63.7	0.0	36.3	0.0	
	Lee - LE3	8	99.7	0.3	0.0	0.0	
	Liffey - LI1	15	100.0	0.0	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	92.5	7.5	0.0	0.0	
	Moneypoint - MP2	285	35.0	65.0	0.0	0.0	
	Moneypoint - MP3	285	83.7	16.3	0.0	0.0	
	Poolbeg - PBA	232	99.8	0.2	0.0	0.0	
	Poolbeg - PBB	232	97.9	2.1	0.0	0.0	
	Turlough Hill - TH1	73	98.2	1.9	0.0	0.0	
	Turlough Hill - TH2	73	97.8	2.2	0.0	0.0	
	Turlough Hill - TH3	73	95.0	5.0	0.0	0.0	
	Turlough Hill - TH4	73	97.5	2.5	0.0	0.0	
	Edenderry Power Ltd	Edenderry - ED1	118	82.3	17.7	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	98.2	0.0	0.0	1.8
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	0.0	100.0	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	99.9	0.1	0.0	0.0		
Indaver	Indaver - IW1	17	73.2	4.3	22.5	0.0	
Synergen	Dublin Bay - DB1	415	50.8	48.2	0.0	1.0	
Tynagh Energy Ltd	Tynagh - TYC	404	85.8	7.9	0.0	6.3	
Viridian	Huntstown - HN2	402	97.4	0.0	0.0	2.6	
	Huntstown - HNC	342	74.4	0.0	22.9	2.8	

Table 2: Unit-by-Unit Average Monthly Availability Demand Side Units – March 2023

Unit-by-Unit Average Monthly Availability – March 2023			
Company	Unit	Capacity	Monthly Availability %
Enel X	Enel X – AE1	87	17.2
	Enel X – AE2	13	29.2
	Enel X – AE3	14	48.3
	Enel X – AE4	16	18.9
	Enel X – AE5	16	0.0
	Enel X - EN1	16	15.9
	Enel X - EN2	17	17.8
	Enel X - EN3	17	27.9
	Enel X - EN4	16	30.3
	Enel X - EN5	6	0.0
	Enel X - EN6	11	21.8
	Enel X - EN8	24	33.2
	Enel X - EN9	16	38.9
	Enel X - EX1	21	4.8
DAE VPP	DAE VPP – DP1	5	65.9
	DAE VPP – DP2	30	20.3
	DAE VPP – DP3	9	0.0
Electricity Exchange Ltd	Electricity Exchange – EE1 ²	67	20.2
	Electricity Exchange – EE2	30	14.1
	Electricity Exchange – EE3	11	17.3
	Electricity Exchange – EE4	13	7.1
	Electricity Exchange – EE5	17	59.3
	Electricity Exchange – EE6	14	32.9
	Electricity Exchange – EE7	7	37.5
	Electricity Exchange – EE8	12	46.7
	Electricity Exchange – EE9	11	28.2
Electric Ireland	Electric Ireland – EI1 ³	14	52.9
Endeco	Endeco 1 – EC1	52	21.9
	Endeco 2 – EC2 ⁴	13	34.6
	Endeco 3 – EC3	5	55.7
	Endeco 4 - EC4	5	49.6
	Endeco 5 – EC5	21	25.4
Energy Trading Ireland	Energy Trading – ET1	5	0.0
Powerhouse	Powerhouse – PG1	10	27.0

Table 3: System Total Average Monthly Availability – March 2023

	Monthly Availability %	Monthly Forced %	Monthly Scheduled %	Monthly Ambient %	Monthly FOR
Conventional Total Average Availability	78.6	18.3	1.9	1.2	18.7
DSU Total Average Availability	24.0	N/A	N/A	N/A	N/A

² EE1 Capacity increased from 65MW to 67MW.

³ EI1 Capacity decreased from 17MW to 14MW.

⁴ EC2 Capacity increased from 12MW to 13MW.

Table 4: Unit-by-Unit 365 Day Rolling Availability Conventional Units – April 2022 to March 2023

Unit-by-Unit 365 Day Rolling Availability – March 2023						
Company	Unit	Capacity	Annual Availability %	Annual Forced %	Annual Scheduled %	Annual Ambient %
Aughinish Alumina Ltd	Seal Rock - SK3	83	88.6	5.5	1.7	4.3
	Seal Rock - SK4	83	86.2	4.9	5.4	3.5
Bord Gáis	Whitegate - WG1	444	92.8	1.6	3.3	2.3
Dublin Waste to Energy	DWTE - DW1	62	86.4	12.2	1.4	0.0
ESB Energy Ireland	Aghada - AD2	449	76.5	12.2	9.4	1.9
	Aghada - AT1	90	95.8	4.0	0.0	0.3
	Aghada - AT2	90	95.8	3.6	0.0	0.6
	Aghada - AT4	90	98.1	1.4	0.0	0.5
	Ardnacrusha - AA1	21	96.1	2.6	1.3	0.0
	Ardnacrusha - AA2	22	96.4	0.5	3.1	0.0
	Ardnacrusha - AA3	19	97.7	1.1	1.2	0.0
	Ardnacrusha - AA4	24	0.0	27.4	72.6	0.0
	Erne - ER1	10	96.8	2.0	1.2	0.0
	Erne - ER2	10	96.6	2.1	1.3	0.0
	Erne - ER3	23	98.8	0.1	1.2	0.0
	Erne - ER4	23	98.3	0.5	1.2	0.0
	Lee - LE1	15	94.8	1.3	3.9	0.0
	Lee - LE2	4	75.1	21.8	3.1	0.0
	Lee - LE3	8	95.5	1.7	2.8	0.0
	Liffey - LI1	15	59.1	40.9	0.0	0.0
	Liffey - LI2	15	98.7	1.1	0.3	0.0
	Liffey - LI4	4	99.7	0.1	0.3	0.0
	Liffey - LI5	4	75.2	24.8	0.0	0.0
	Moneypoint - MP1	285	76.1	17.6	6.3	0.0
	Moneypoint - MP2	285	26.9	30.3	42.8	0.0
	Moneypoint - MP3	285	69.5	26.1	4.4	0.0
	Poolbeg - PBA	232	93.5	3.3	3.1	0.1
	Poolbeg - PBB	232	92.8	5.4	1.8	0.0
	Turlough Hill - TH1	73	84.1	2.9	13.0	0.0
	Turlough Hill - TH2	73	79.8	7.2	13.0	0.0
	Turlough Hill - TH3	73	78.1	8.6	13.3	0.0
Turlough Hill - TH4	73	80.5	6.2	13.3	0.0	
Edenderry Power Ltd	Edenderry - ED1	118	66.3	23.1	10.6	0.0
	Edenderry - ED3	58	99.2	0.7	0.1	0.0
	Edenderry - ED5	58	99.5	0.4	0.1	0.0
SSE Generation Ireland	Great Island - GI4	464	56.3	28.4	14.2	1.1
	Rhode - RP1	52	91.9	5.3	2.8	0.0
	Rhode - RP2	52	95.2	1.9	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	43.7	55.8	0.5	0.0
	Tarbert - TB4	241	0.0	100.0	0.0	0.0
	Tawnaghmore - TP1	52	96.6	1.4	2.0	0.0
Tawnaghmore - TP3	52	88.5	11.5	0.0	0.0	
Indaver	Indaver - IW1	17	93.6	1.5	4.9	0.0
Synergen	Dublin Bay - DB1	415	68.2	25.2	5.6	1.1
Tynagh Energy Ltd	Tynagh - TYC	404	83.3	8.6	2.8	5.3
Viridian	Huntstown - HN2	402	96.4	0.6	0.1	2.9
	Huntstown - HNC	342	90.8	3.3	1.9	3.9

Table 5: Unit-by-Unit 365 Day Rolling Availability Demand Side Units – April 2022 to March 2023

Unit-by-Unit 365 day Rolling Availability – March 2023			
Company	Unit	Capacity	Annual Availability %
Enel X	Enel X – AE1	87	17.0
	Enel X – AE2	13	32.4
	Enel X – AE3	14	44.3
	Enel X – AE4	16	9.4
	Enel X – AE5	16	0.0
	Enel X - EN1	16	14.6
	Enel X - EN2	17	10.9
	Enel X - EN3	17	27.9
	Enel X - EN4	16	23.1
	Enel X - EN5	6	2.8
	Enel X - EN6	11	23.4
	Enel X - EN8	24	34.7
	Enel X - EN9	16	41.9
	Enel X - EX1	21	4.8
DAE VPP	DAE VPP – DP1	5	11.5
	DAE VPP – DP2	30	21.4
	DAE VPP – DP3	9	4.4
Electricity Exchange Ltd	Electricity Exchange – EE1	67	24.1
	Electricity Exchange – EE2	30	19.2
	Electricity Exchange – EE3	11	13.9
	Electricity Exchange – EE4	13	7.3
	Electricity Exchange – EE5	17	53.7
	Electricity Exchange – EE6	14	36.5
	Electricity Exchange – EE7	7	38.9
	Electricity Exchange – EE8	12	25.0
	Electricity Exchange – EE9	11	25.8
Electric Ireland	Electric Ireland – EI1	14	40.9
Endeco	Endeco 1 – EC1	52	23.6
	Endeco 2 – EC2	13	30.3
	Endeco 3 – EC3	5	44.1
	Endeco 4 - EC4	5	50.3
	Endeco 5 – EC5	21	28.3
Energy Trading Ireland	Energy Trading – ET1	5	13.1
Powerhouse	Powerhouse – PG1	10	26.2

Table 6: 365 Day Rolling System Total Average Availability – April 2022 to March 2023

	Annual Availability %	Annual Forced %	Annual Scheduled %	Annual Ambient %	Annual FOR
Conventional Total Average Availability	73.7	18.4	6.6	1.3	19.7
DSU Total Average Availability	23.2	N/A	N/A	N/A	N/A