

EirGrid Monthly Availability Report

May 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

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¹ Based on EDIL (Electronic Dispatch Instruction Logger) declarations



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

Unit-by-Unit Average Monthly Availability – May 2023							
Company	Unit	Capacity	Monthly Availability %	Monthly Forced %	Monthly Scheduled %	Monthly Ambient %	
Aughinish Alumina Ltd	Seal Rock - SK3	83	93.7	0.1	0.0	6.3	
	Seal Rock - SK4	83	96.3	2.0	0.0	1.7	
Bord Gáis	Whitegate - WG1	444	98.3	0.0	0.0	1.7	
Dublin Waste to Energy	DWTE - DW1	62	92.3	7.8	0.0	0.0	
ESB Energy Ireland	Aghada - AD2	449	98.3	0.0	0.0	1.7	
	Aghada - AT1	90	100.0	0.0	0.0	0.0	
	Aghada - AT2	90	100.0	0.0	0.0	0.0	
	Aghada - AT4	90	99.2	0.0	0.8	0.0	
	Ardnacrusha - AA1	21	99.7	0.3	0.0	0.0	
	Ardnacrusha - AA2	22	95.3	4.7	0.0	0.0	
	Ardnacrusha - AA3	19	74.5	20.9	4.6	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	74.7	0.0	25.3	0.0	
	Erne - ER3	23	100.0	0.0	0.0	0.0	
	Erne - ER4	23	63.9	5.8	30.2	0.0	
	Lee - LE1	15	91.3	8.7	0.0	0.0	
	Lee - LE2	4	100.0	0.0	0.0	0.0	
	Lee - LE3	8	64.2	0.0	35.8	0.0	
	Liffey - LI1	15	100.0	0.0	0.0	0.0	
	Liffey - LI2	15	99.8	0.0	0.2	0.0	
	Liffey - LI4	4	100.0	0.0	0.0	0.0	
	Liffey - LI5	4	81.5	18.5	0.0	0.0	
	Moneypoint - MP1	285	23.8	24.6	51.6	0.0	
	Moneypoint - MP2	285	13.1	86.9	0.0	0.0	
	Moneypoint - MP3	285	84.8	15.2	0.0	0.0	
	Poolbeg - PBA	232	100.0	0.0	0.0	0.0	
	Poolbeg - PBB	232	99.1	0.9	0.0	0.0	
	Turlough Hill - TH1	73	40.6	0.0	59.4	0.0	
	Turlough Hill - TH2	73	39.7	0.9	59.4	0.0	
	Turlough Hill - TH3	73	21.1	32.2	46.8	0.0	
	Turlough Hill - TH4	73	39.5	13.7	46.8	0.0	
	Edenderry Power Ltd	Edenderry - ED1	118	78.6	21.4	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	97.9	0.0	0.0	2.1
		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	100.0	0.0	0.0	0.0	
Indaver		Indaver - IW1	17	99.1	0.9	0.0	0.0
Synergen	Dublin Bay - DB1	415	98.1	0.0	0.0	1.9	
Tynagh Energy Ltd	Tynagh - TYC	404	71.6	23.0	0.0	5.4	
Viridian	Huntstown - HN2	402	77.6	0.0	19.8	2.6	
	Huntstown - HNC	342	95.8	0.0	0.0	4.2	

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

Unit-by-Unit Average Monthly Availability – May 2023			
Company	Unit	Capacity	Monthly Availability %
Enel X	Enel X – AE1	87	17.9
	Enel X – AE2	13	38.7
	Enel X – AE3	14	42.7
	Enel X – AE4	16	17.6
	Enel X – AE5	16	0.0
	Enel X - EN1	16	14.9
	Enel X - EN2	17	16.8
	Enel X - EN3	17	26.1
	Enel X - EN4	16	28.7
	Enel X - EN5	6	0.0
	Enel X - EN6	11	16.5
	Enel X - EN8	24	46.7
	Enel X - EN9	16	38.5
	Enel X - EX1	21	4.8
DAE VPP	DAE VPP – DP1	5	66.5
	DAE VPP – DP2	30	15.2
	DAE VPP – DP3	9	55.6
Electricity Exchange Ltd	Electricity Exchange – EE1	65	23.4
	Electricity Exchange – EE2	30	21.4
	Electricity Exchange – EE3	11	8.9
	Electricity Exchange – EE4	13	6.9
	Electricity Exchange – EE5	17	64.0
	Electricity Exchange – EE6	14	48.2
	Electricity Exchange – EE7	7	30.2
	Electricity Exchange – EE8	12	48.3
	Electricity Exchange – EE9	11	33.6
Electric Ireland	Electric Ireland – EI1	17	66.4
Endeco	Endeco 1 – EC1	52	23.7
	Endeco 2 – EC2	12	20.1
	Endeco 3 – EC3	5	48.1
	Endeco 4 - EC4	5	48.7
	Endeco 5 – EC5	21	25.2
Energy Trading Ireland	Energy Trading – ET1	5	0.0
Powerhouse	Powerhouse – PG1	10	30.9

Table 3: System Total Average Monthly Availability – May 2023

	Monthly Availability %	Monthly Forced %	Monthly Scheduled %	Monthly Ambient %	Monthly FOR
Conventional Total Average Availability	74.2	18.2	6.3	1.4	19.4
DSU Total Average Availability	26.3	N/A	N/A	N/A	N/A

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

Unit-by-Unit 365 Day Rolling Availability – May 2023							
Company	Unit	Capacity	Annual Availability %	Annual Forced %	Annual Scheduled %	Annual Ambient %	
Aughinish Alumina Ltd	Seal Rock - SK3	83	87.6	5.6	2.5	4.3	
	Seal Rock - SK4	83	80.2	5.4	11.3	3.1	
Bord Gáis	Whitegate - WG1	444	93.0	1.5	3.3	2.3	
Dublin Waste to Energy	DWTE - DW1	62	85.5	13.1	1.4	0.0	
ESB Energy Ireland	Aghada - AD2	449	76.0	12.0	10.2	1.9	
	Aghada - AT1	90	97.6	2.1	0.0	0.3	
	Aghada - AT2	90	96.3	2.4	0.6	0.6	
	Aghada - AT4	90	98.0	1.4	0.1	0.5	
	Ardnacrusha - AA1	21	99.1	0.7	0.1	0.0	
	Ardnacrusha - AA2	22	95.8	1.0	3.2	0.0	
	Ardnacrusha - AA3	19	95.4	3.0	1.6	0.0	
	Ardnacrusha - AA4	24	0.0	44.1	55.9	0.0	
	Erne - ER1	10	98.1	1.9	0.1	0.0	
	Erne - ER2	10	92.1	2.0	5.9	0.0	
	Erne - ER3	23	98.8	0.1	1.1	0.0	
	Erne - ER4	23	95.2	1.0	3.8	0.0	
	Lee - LE1	15	94.3	2.0	3.7	0.0	
	Lee - LE2	4	89.4	7.5	3.1	0.0	
	Lee - LE3	8	95.8	0.7	3.5	0.0	
	Liffey - LI1	15	75.8	24.2	0.0	0.0	
	Liffey - LI2	15	98.6	1.1	0.3	0.0	
	Liffey - LI4	4	99.7	0.1	0.3	0.0	
	Liffey - LI5	4	73.6	26.4	0.0	0.0	
	Moneypoint - MP1	285	74.7	14.6	10.7	0.0	
	Moneypoint - MP2	285	32.7	40.7	26.6	0.0	
	Moneypoint - MP3	285	74.5	21.1	4.4	0.0	
	Poolbeg - PBA	232	93.8	3.8	2.3	0.1	
	Poolbeg - PBB	232	93.7	5.1	1.2	0.0	
	Turlough Hill - TH1	73	84.8	2.8	12.4	0.0	
	Turlough Hill - TH2	73	80.5	7.1	12.4	0.0	
	Turlough Hill - TH3	73	77.2	11.4	11.3	0.0	
	Turlough Hill - TH4	73	81.4	7.2	11.3	0.0	
	Edenderry Power Ltd	Edenderry - ED1	118	67.3	23.7	9.0	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	72.2	11.7	14.8	1.3
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	30.0	69.5	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	94.8	1.6	3.7	0.0	
Synergen	Dublin Bay - DB1	415	74.6	18.5	5.6	1.3	
Tynagh Energy Ltd	Tynagh - TYC	404	80.8	11.2	2.8	5.3	
Viridian	Huntstown - HN2	402	94.9	0.5	1.7	2.9	
	Huntstown - HNC	342	88.8	3.3	4.0	3.9	

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

Unit-by-Unit 365 day Rolling Availability – May 2023			
Company	Unit	Capacity	Annual Availability %
Enel X	Enel X – AE1	87	16.1
	Enel X – AE2	13	31.8
	Enel X – AE3	14	39.1
	Enel X – AE4	16	11.1
	Enel X – AE5	16	0.0
	Enel X - EN1	16	16.3
	Enel X - EN2	17	13.3
	Enel X - EN3	17	24.3
	Enel X - EN4	16	25.8
	Enel X - EN5	6	2.8
	Enel X - EN6	11	23.4
	Enel X - EN8	24	33.5
	Enel X - EN9	16	44.5
	Enel X - EX1	21	4.8
DAE VPP	DAE VPP – DP1	5	5.7
	DAE VPP – DP2	30	19.3
	DAE VPP – DP3	9	10.6
Electricity Exchange Ltd	Electricity Exchange – EE1	65	22.8
	Electricity Exchange – EE2	30	18.4
	Electricity Exchange – EE3	11	12.6
	Electricity Exchange – EE4	13	7.2
	Electricity Exchange – EE5	17	56.1
	Electricity Exchange – EE6	14	39.8
	Electricity Exchange – EE7	7	35.7
	Electricity Exchange – EE8	12	30.5
	Electricity Exchange – EE9	11	27.5
Electric Ireland	Electric Ireland – EI1	17	40.3
Endeco	Endeco 1 – EC1	52	22.7
	Endeco 2 – EC2	12	29.7
	Endeco 3 – EC3	5	45.4
	Endeco 4 – EC4	5	49.8
	Endeco 5 – EC5	21	25.4
Energy Trading Ireland	Energy Trading – ET1	5	9.7
Powerhouse	Powerhouse – PG1	10	26.2

Table 6: 365 Day Rolling System Total Average Availability – June 2022 to May 2023

	Annual Availability %	Annual Forced %	Annual Scheduled %	Annual Ambient %	Annual FOR
Conventional Total Average Availability	74.9	17.5	6.2	1.3	18.7
DSU Total Average Availability	22.9	N/A	N/A	N/A	N/A