EirGrid Monthly Availability Report

June 2024

Definitions

Availability: The maximum generation of electricity which generators can achieve during that period[1]

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): Forced % / (100% - Scheduled %)

How to contact us

General Queries

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[1] Based on EDIL (Electronic Dispatch Instruction Logger) declarations

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Table 1: Unit-by-Unit Average Monthly Availability Conventional Units – June 2024

Unit-by-Unit Average Monthly Availability						
Company	**Unit**	**Capacity (MW)**	**Monthly Availability %**	**Monthly Forced %**	**Monthly Scheduled %**	**Monthly Ambient %**
Aughinish Alumina Ltd	Seal Rock - SK3	83	77.2	3.5	15.0	4.4
	Seal Rock - SK4	83	98.1	0.1	0.0	1.8
Bord Gáis	Whitegate - WG1	444	91.4	5.3	0.0	3.3
Dublin Waste to Energy	DWTE - DW1	62	97.1	2.9	0.0	0.0
ESB Energy Ireland	Aghada - AD2	449	0.0	100.0	0.0	0.0
	Aghada - AT1	90	92.2	6.6	1.3	0.0
	Aghada - AT2	90	71.7	27.1	1.3	0.0
	Aghada - AT4	90	100.0	0.0	0.0	0.0
	Ardnacrusha - AA1	21	0.0	0.0	100.0	0.0
	Ardnacrusha - AA2	22	84.8	0.7	14.5	0.0
	Ardnacrusha - AA3	19	100.0	0.0	0.0	0.0
	Ardnacrusha - AA4	24	96.5	3.5	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	85.8	0.0	14.2	0.0
	Erne - ER4	23	0.0	100.0	0.0	0.0
	Lee - LE1	15	100.0	0.0	0.0	0.0
	Lee - LE2	4	100.0	0.0	0.0	0.0
	Lee - LE3	8	100.0	0.0	0.0	0.0
	Liffey - LI1	15	29.3	36.1	34.6	0.0
	Liffey - LI2	15	29.3	36.1	34.6	0.0
	Liffey - LI4	4	11.3	50.6	38.2	0.0
	Liffey - LI5	4	38.8	61.3	0.0	0.0
	Moneypoint - MP1	285	48.3	51.7	0.0	0.0
	Moneypoint - MP2	285	35.2	64.8	0.0	0.0
	Moneypoint - MP3	285	70.5	29.5	0.0	0.0
	Poolbeg - PBA	240	99.2	0.0	0.0	0.8
	Poolbeg - PBB	236	98.6	0.4	0.0	1.1
	Turlough Hill - TH1	73	99.1	0.9	0.0	0.0
	Turlough Hill - TH2	73	78.6	21.4	0.0	0.0
	Turlough Hill - TH3	73	98.6	1.4	0.0	0.0
	Turlough Hill - TH4	73	95.5	4.6	0.0	0.0
Edenderry Power Ltd	Edenderry - ED1	118	87.3	12.7	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	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
	Tawnaghmore - TP1	52	100.0	0.0	0.0	0.0
	Tawnaghmore - TP3	52	99.6	0.4	0.0	0.0
Indaver	Indaver - IW1	17	98.9	1.1	0.0	0.0
Synergen	Dublin Bay - DB1	415	97.4	0.0	0.0	2.6
Tynagh Energy Ltd	Tynagh - TYC	404	63.8	1.1	30.6	4.5
Viridian	Huntstown - HN2	402	95.5	0.0	0.0	4.5
	Huntstown - HNC	342	94.4	0.2	0.0	5.4
Kelwin	Kelwin – KZ3	2	83.8	0.0	16.2	0.0

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Table 2: Unit-by-Unit Average Monthly Availability Demand Side Units – June 2024

Unit-by-Unit Average Monthly Availability			
Company	**Unit**	**Capacity (MW)**	**Monthly Availability %**
Enel X	AE1	83	13.0
	AE2	12	28.8
	AE3	14	57.0
	AE4	16	0.0
	AE5	16	0.0
	EN1	16	0.0
	EN2	17	0.0
	EN3	17	40.9
	EN4	16	44.1
	EN5	6	0.0
	EN6	31	23.2
	EN8	24	39.0
	EN9	16	44.5
	EX1	21	0.0
DAE VPP	DP1	18	38.3
	DP2	20	55.5
	DP3	9	4.7
VIOTAS	EE1	56	18.2
	EE2	28	21.3
	EE3	11	9.1
	EE4	14	2.8
	EE5	12	55.4
	EE6	14	32.1
	EE7	7	33.4
	EE8	16	42.2
	EE9	12	20.1
	VS1	8	17.7
	VS2	11	36.9
Electric Ireland	EI1	14	52.6
Endeco	EC1	52	22.0
	EC2	12	16.5
	EC3	5	35.3
	EC4	5	53.1
	EC5	21	15.9
Energy Trading Ireland	ET1	5	0.0
Powerhouse	PG1	9	20.7
	PG2	6	30.6
Aughinish Alumina	EB1	25	0.0
IPower ltd	IR1	7	42.9

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Table 3: Unit-by-Unit Average Monthly Availability Batteries – June 2024

Unit-by-Unit Average Monthly Availability					
Company	**Unit**	**Capacity (MW)**	**Monthly Availability %**	**Monthly Forced %**	**Monthly Scheduled %**
Low Carbon	Porterstown - PN1	30 (27 MWh)	94.9	5.1	0.0
Statkraft	Beenanaspuck and Tobertoreen – XT2	11 (5.66 MWh)	67.6	32.4	0.0
	Kelwin – KZ4	27 (13.4 MWh)	95.4	0.3	4.3
NTR	Gorey – OD1	9 (4.5 MWh)	96.5	3.5	0.0
Killala Community Wind Farm	Killala – KF2	11 (10.8 MWh)	90.2	9.8	0.0
ESB	Aghada – AD3	19 (37.1 MWh)	99.3	0.7	0.0
	Kylemore – IH1	30 (60 MWh)	96.4	3.0	0.6
	Poolbeg - PB8	75 (150 MWh)	99.7	0.3	0.0
Scottish Power	Gorman - GF1	50 (32.2 MWh)	96.4	2.4	1.2
Innogy/RWE	Lisdrumdoagh - LF1	60 (26.280 MWh)	76.0	12.7	11.3
	Gardnershill – GP1	9 (9.58 MWh)	98.7	1.3	0.0

Table 4: Monthly Capacity-Weighted Average Availability – June 2024

	Monthly Availability %	**Monthly Forced %**	**Monthly Scheduled %**	**Monthly Ambient %**	**Monthly FOR**
Conventional	69.6	25.7	3.1	1.6	26..5
Battery	92.3	5.0	2.7	N/A	5.2
DSU	22.5	N/A	N/A	N/A	N/A

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Table 5: Unit-by-Unit 365 Day Rolling Availability Conventional Units – July 2023 to June 2024

Unit-by-Unit 365 Day Rolling Availability						
Company	**Unit**	**Capacity (MW)**	**Annual Availability %**	**Annual Forced %**	**Annual Scheduled %**	**Annual Ambient %**
Aughinish Alumina Ltd	Seal Rock - SK3	83	83.4	5.9	6.1	4.5
	Seal Rock - SK4	83	92.6	2.4	3.2	1.8
Bord Gáis	Whitegate - WG1	444	93.8	2.2	1.6	2.4
Dublin Waste to Energy	DWTE - DW1	62	84.9	15.1	0.0	0.0
ESB Energy Ireland	Aghada - AD2	449	45.9	52.7	0.0	1.3
	Aghada - AT1	90	91.7	7.8	0.5	0.0
	Aghada - AT2	90	87.4	11.0	1.6	0.0
	Aghada - AT4	90	97.8	0.8	1.4	0.0
	Ardnacrusha - AA1	21	80.6	0.2	19.2	0.0
	Ardnacrusha - AA2	22	94.9	3.9	1.2	0.0
	Ardnacrusha - AA3	19	65.8	34.2	0.0	0.0
	Ardnacrusha - AA4	24	61.8	33.3	5.0	0.0
	Erne - ER1	10	97.2	0.4	2.4	0.0
	Erne - ER2	10	89.4	9.0	1.6	0.0
	Erne - ER3	23	98.7	0.2	1.2	0.0
	Erne - ER4	23	58.7	41.3	0.0	0.0
	Lee - LE1	15	94.6	2.2	3.2	0.0
	Lee - LE2	4	89.8	5.1	5.1	0.0
	Lee - LE3	8	95.5	1.2	3.3	0.0
	Liffey - LI1	15	60.9	29.0	10.2	0.0
	Liffey - LI2	15	61.5	28.4	10.2	0.0
	Liffey - LI4	4	46.1	43.4	10.5	0.0
	Liffey - LI5	4	90.7	9.3	0.0	0.0
	Moneypoint - MP1	285	64.2	31.4	4.4	0.0
	Moneypoint - MP2	285	43.9	56.1	0.0	0.0
	Moneypoint - MP3	285	56.7	42.3	1.0	0.0
	Poolbeg - PBA	232	76.4	13.8	9.8	0.1
	Poolbeg - PBB	232	93.9	5.8	0.0	0.3
	Turlough Hill - TH1	73	98.2	0.3	1.5	0.0
	Turlough Hill - TH2	73	93.9	5.0	1.2	0.0
	Turlough Hill - TH3	73	97.6	1.0	1.4	0.0
	Turlough Hill - TH4	73	97.3	1.2	1.5	0.0
Edenderry Power Ltd	Edenderry - ED1	118	53.0	25.2	21.8	0.0
	Edenderry - ED3	58	99.9	0.0	0.1	0.0
	Edenderry - ED5	58	99.9	0.0	0.1	0.0
SSE Generation Ireland	Great Island - GI4	464	81.3	16.6	0.0	2.1
	Rhode - RP1	52	86.7	2.7	10.6	0.0
	Rhode - RP2	52	85.5	4.0	10.6	0.0
	Tawnaghmore - TP1	52	67.1	30.9	2.0	0.0
	Tawnaghmore - TP3	52	97.8	0.3	1.9	0.0
Indaver	Indaver - IW1	17	92.0	5.0	3.0	0.0
Synergen	Dublin Bay - DB1	415	88.1	7.4	2.4	2.1
Tynagh Energy Ltd	Tynagh - TYC	404	81.9	7.6	4.4	6.1
Viridian	Huntstown - HN2	402	95.3	0.9	0.0	3.8
	Huntstown - HNC	342	89.3	2.0	4.4	4.3
Kelwin	Kelwin – KZ3	2	96.4	0.0	3.6	0.0

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Table 6: Unit-by-Unit 365 Day Rolling Availability Demand Side Units – July 2023 to June 2024

Unit-by-Unit 365 Day Rolling Availability			
Company	Unit	Capacity (MW)	Annual Availability %
Enel X	AE1	86	11.0
	AE2	12	28.7
	AE3	14	33.8
	AE4	16	8.6
	AE5	16	0.0
	EN1	16	6.1
	EN2	17	0.2
	EN3	17	32.0
	EN4	16	33.8
	EN5	6	0.1
	EN6	31	21.4
	EN8	24	28.4
	EN9	16	34.3
	EX1	21	0.0
DAE VPP	DP1	18	38.8
	DP2	20	23.7
	DP3	9	2.0
VIOTAS	EE1	55	20.2
	EE2	28	16.9
	EE3	11	9.2
	EE4	12	6.1
	EE5	12	54.6
	EE6	14	40.4
	EE7	7	28.9
	EE8	17	36.9
	EE9	11	24.0
	VS1	8	N/A
	VS2	11	N/A
Electric Ireland	EI1	14	43.8
Endeco	EC1	52	23.5
	EC2	13	31.0
	EC3	6	42.0
	EC4	5	45.1
	EC5	21	21.0
Energy Trading Ireland	ET1	5	0.0
Powerhouse	PG1	9	28.1
	PG2	6	N/A
Aughinish Alumina	EB1	25	N/A
IPower Ltd	IR1	7	N/A

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Table 7: Unit-by-Unit 365 Day Rolling Availability Batteries – July 2023 to June 2024

Unit-by-Unit 365 Day Rolling Availability					
Company	**Unit**	**Capacity (MW)**	**Monthly Availability %**	**Monthly Forced %**	**Monthly Scheduled %**
Low Carbon	Porterstown - PN1	30 (27 MWh)	98.0	2.0	0.0
Statkraft	Beenanaspuck and Tobertoreen – XT2	11 (5.66 MWh)	96.1	3.9	0.0
	Kelwin – KZ4	27 (13.4 MWh)	98.0	2.0	0.0
NTR	Gorey – OD1	9 (4.5 MWh)	N/A	N/A	N/A
Killala Community Wind Farm	Killala – KF2	11 (10.8 MWh)	N/A	N/A	N/A
ESB	Aghada – AD3	19 (37.1 MWh)	N/A	N/A	N/A
	Kylemore – IH1	30 (60 MWh)	N/A	N/A	N/A
	Poolbeg - PB8	75 (150 MWh)	N/A	N/A	N/A
Scottish Power	Gorman - GF1	50 (32.2 MWh)	N/A	N/A	N/A
Innogy/RWE	Lisdrumdoagh - LF1	60 (26.280 MWh)	N/A	N/A	N/A
	Gardnershill – GP1	9 (9.58 MWh)	98.0	2.0	0.0

Table 8: 365 Day Rolling System Total Average Availability – July 2023 to June 2024

	365 Day Availability %	365 Day Forced %	365 Day Scheduled %	365 Day Ambient %	365 Day FOR
Conventional	79.2	16.4	2.7	1.7	16.9
Battery	97.7	2.3	0.0	N/A	2.3
DSU	19.6	N/A	N/A	N/A	N/A

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