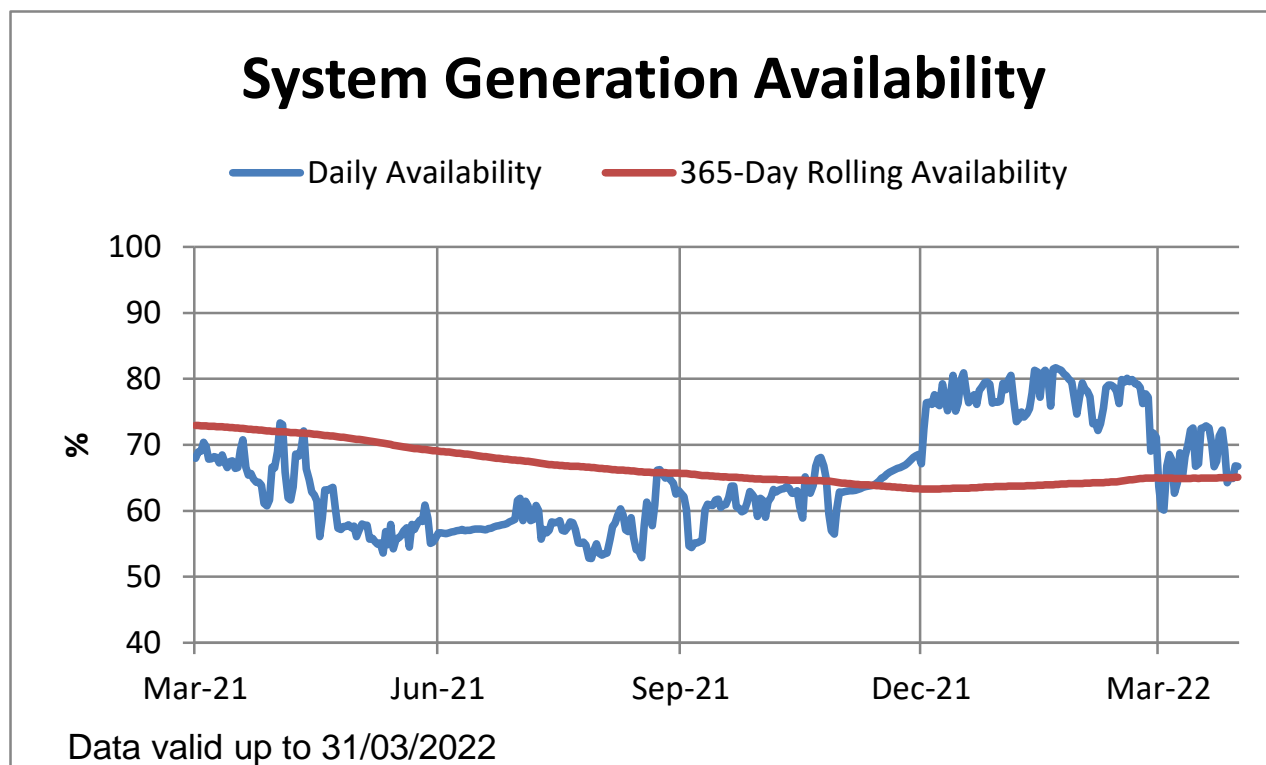


EirGrid Monthly Availability Report – March 2022

Availability report for March 2022¹



Definitions

Availability: the capacity-weighted percentage of the time that generators were available.

Forced: outages where generators are unavailable due to unforeseen/unplanned outages.

Scheduled: outages where generators are unavailable due to planned reasons, e.g., for maintenance.

Ambient (*seasonal derating*): difference between the **Maximum Capacity** of a generator and the **Dependable Capacity** over a specified period of time.

Maximum Capacity: the maximum capacity that a unit can sustain over a specified period of time.

Dependable Capacity: the capacity of a unit, when modified for ambient conditions over a specified period of time.

365-day Rolling Availability: the average of the unit's **Availability** over the most recent 365 days (i.e., past year)

HOW TO CONTACT US

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

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

Unit-by-Unit Average Monthly Availability – March 2022						
Company	Unit	Capacity	Monthly Availability %	Monthly Forced %	Monthly Scheduled %	Monthly Ambient %
Aughinish Alumina Ltd	Seal Rock - SK3	85	96.65	0	0	3.35
	Seal Rock - SK4	85	90.08	0.2	7.18	2.54
Bord Gáis	Whitegate - WG1	444	89.97	9.98	0	0.05
Dublin Waste to Energy	DWTE - DW1	61.5	99.86	0.14	0	0
ESB Energy Ireland	Aghada - AD2	431	83.59	6.12	10.29	0
	Aghada - AT1	90	100	0	0	0
	Aghada - AT2	90	100	0	0	0
	Aghada - AT4	90	100	0	0	0
	Ardnacrusha - AA1	21	99.93	0.07	0	0
	Ardnacrusha - AA2	22	100	0	0	0
	Ardnacrusha - AA3	19	99.66	0.34	0	0
	Ardnacrusha - AA4	24	36.37	28.72	34.91	0
	Erne - ER1	10	99.74	0.26	0	0
	Erne - ER2	10	100	0	0	0
	Erne - ER3	22	100	0	0	0
	Erne - ER4	22	100	0	0	0
	Lee - LE1	15	99.68	0.32	0	0
	Lee - LE2	4	75.17	24.83	0	0
	Lee - LE3	8	99.76	0.24	0	0
	Liffey - LI1	15	0	100	0	0
	Liffey - LI2	15	96.52	3.48	0	0
	Liffey - LI4	4	100	0	0	0
	Liffey - LI5	4	100	0	0	0
	Moneypoint - MP1	285	84.3	15.7	0	0
	Moneypoint - MP2	285	59.18	40.82	0	0
	Moneypoint - MP3	285	82	18	0	0
	Poolbeg - PBA	231	99.83	0.17	0	0
	Poolbeg - PBB	231	99.95	0.05	0	0
	Turlough Hill - TH1	73	99.86	0.14	0	0
	Turlough Hill - TH2	73	98.35	0	1.65	0
Turlough Hill - TH3	73	96.82	2.51	0.67	0	
Turlough Hill - TH4	73	99.13	0.16	0.71	0	
Edenderry Power Ltd	Edenderry - ED1	118	74.79	25.21	0	0
	Edenderry - ED3	58	100	0	0	0
	Edenderry - ED5	58	96.91	3.09	0	0
SSE Generation Ireland	Great Island - GI4	461	1.63	98.37	0	0
	Rhode - RP1	52	100	0	0	0
	Rhode - RP2	52	99.17	0.83	0	0
	Tarbert - TB1	54	0	100	0	0
	Tarbert - TB2	54	0	100	0	0
	Tarbert - TB3	241	77.14	22.86	0	0
	Tarbert - TB4	243	0	100	0	0
	Tawnaghmore - TP1	52	100	0	0	0
Tawnaghmore - TP3	52	100	0	0	0	
Indaver	Indaver - IW1	16	63.23	0.04	36.73	0
Synergen	Dublin Bay - DB1	405	83.52	16.3	0.1	0.08
Tynagh Energy Ltd	Tynagh - TYC	384	96.11	0	0	3.89
Viridian	Huntstown - HN2	400	98.19	0	0	1.81
	Huntstown - HNC	342	66.24	0	31.9	1.86

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

Unit-by-Unit Average Monthly Availability – March 2022					
Company	Unit	Monthly Availability %	Monthly Forced %	Monthly Scheduled %	Monthly Ambient %
Activation Energy	Activation Energy 1 – AE1	17.38	68.61	14.01	0
	Activation Energy 2 – AE2	28.25	40.53	31.22	0
	Activation Energy 3 – AE3	63.48	36.52	0	0
	Activation Energy 4 – AE4	35.36	58.93	5.71	0
	Activation Energy 5 – AE5	0	100	0	0
	Enernoc 1 - EN1	0	100	0	0
	Enernoc 2 - EN2	1.67	98.33	0	0
	Enernoc 3-EN3	2.78	95.27	1.95	0
	Enernoc 4-EN4	47.14	52.86	0	0
	Enernoc 5-EN5	0	100	0	0
	Enernoc 6-EN6	14.32	63.05	22.63	0
	Enernoc 8-EN8	22.89	76.5	0.61	0
	Enernoc 9-EN9	3.37	96.29	0.34	0
	DAE VPP	DAE VPP – DP1	47.28	0	52.72
DAE VPP – DP2		28.16	0	71.84	0
Electricity Exchange Ltd	Electricity Exchange – EE1	27.33	0	72.67	0
	Electricity Exchange – EE2	23.26	0	76.74	0
	Electricity Exchange – EE3	16.48	0	83.52	0
	Electricity Exchange – EE4	7.54	0	92.46	0
	Electricity Exchange – EE5	58.52	0	41.48	0
	Electricity Exchange – EE6	16.05	0	83.95	0
	Electricity Exchange – EE7	45.74	0	54.26	0
Electric Ireland	Electric Ireland – EI1	6.12	0	93.88	0
Endeco	Endeco 1 – EC1	29.26	0	70.74	0
	Endeco 2 – EC2	30.66	0	69.34	0
	Endeco 5 – EC5	46.21	0	53.79	0
Energy Trading Ireland	Energy Trading – ET1	20	80	0	0
Powerhouse	Powerhouse – PG1	34.28	65.72	0	0
Viridian	Viridian Energy – VE1	3.29	0	96.71	0
	Viridian Energy – VE2	0.09	0	99.91	0

Table 3: System Total Average Monthly Availability – March 2022

	Monthly Availability %	Monthly Forced %	Monthly Scheduled %	Monthly Ambient %
System Total Average Availability	67.77	23.81	7.96	0.46

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

Unit-by-Unit 365 Day Rolling Availability – March 2022						
Company	Unit	Capacity	Annual Availability %	Annual Forced %	Annual Scheduled %	Annual Ambient %
Aughinish Alumina Ltd	Seal Rock - SK3	85	86.94	0.63	6.53	5.90
	Seal Rock - SK4	85	89.43	2.28	3.62	4.67
Bord Gáis	Whitegate - WG1	444	30.99	66.25	2.71	0.05
Dublin Waste to Energy	DWTE - DW1	61.5	88.89	11.11	0.00	0.00
ESB Energy Ireland	Aghada - AD2	431	87.84	5.20	6.67	0.29
	Aghada - AT1	90	93.67	1.66	4.67	0.00
	Aghada - AT2	90	82.97	1.98	15.05	0.00
	Aghada - AT4	90	99.91	0.08	0.00	0.01
	Ardnacrusha - AA1	21	96.94	2.87	0.19	0.00
	Ardnacrusha - AA2	22	92.80	1.29	5.91	0.00
	Ardnacrusha - AA3	19	84.17	1.37	14.46	0.00
	Ardnacrusha - AA4	24	31.54	46.17	22.29	0.00
	Erne - ER1	10	92.99	1.81	5.20	0.00
	Erne - ER2	10	85.00	11.45	3.55	0.00
	Erne - ER3	22	92.28	0.89	6.83	0.00
	Erne - ER4	22	95.53	2.80	1.67	0.00
	Lee - LE1	15	65.66	33.28	1.06	0.00
	Lee - LE2	4	68.38	17.55	14.07	0.00
	Lee - LE3	8	74.76	16.36	8.88	0.00
	Liffey - LI1	15	3.12	89.39	7.49	0.00
	Liffey - LI2	15	23.76	68.75	7.49	0.00
	Liffey - LI4	4	83.00	17.00	0.00	0.00
	Liffey - LI5	4	46.13	53.84	0.03	0.00
	Moneypoint - MP1	285	81.85	11.00	7.15	0.00
	Moneypoint - MP2	285	53.19	46.81	0.00	0.00
	Moneypoint - MP3	285	82.21	14.41	3.38	0.00
	Poolbeg - PBA	231	87.59	2.87	9.43	0.11
	Poolbeg - PBB	231	74.71	8.27	16.84	0.18
	Turlough Hill - TH1	73	99.45	0.21	0.34	0.00
	Turlough Hill - TH2	73	98.91	0.55	0.54	0.00
Turlough Hill - TH3	73	99.08	0.40	0.52	0.00	
Turlough Hill - TH4	73	99.34	0.24	0.42	0.00	
Edenderry Power Ltd	Edenderry - ED1	118	76.69	13.11	10.20	0.00
	Edenderry - ED3	58	98.68	1.19	0.13	0.00
	Edenderry - ED5	58	99.58	0.29	0.13	0.00
SSE Generation Ireland	Great Island - GI4	461	86.67	9.53	2.08	1.72
	Rhode - RP1	52	85.96	1.82	12.22	0.00
	Rhode - RP2	52	91.95	1.45	6.60	0.00
	Tarbert - TB1	54	39.08	52.66	8.26	0.00
	Tarbert - TB2	54	34.45	60.03	5.52	0.00
	Tarbert - TB3	241	66.32	25.75	7.93	0.00
	Tarbert - TB4	243	1.95	98.05	0.00	0.00
	Tawnaghmore - TP1	52	87.10	5.41	7.49	0.00
Tawnaghmore - TP3	52	87.31	5.20	7.49	0.00	
Indaver	Indaver - IW1	16	89.63	7.25	3.12	0.00
Synergen	Dublin Bay - DB1	405	67.74	8.02	24.08	0.16
Tynagh Energy Ltd	Tynagh - TYC	384	83.11	6.31	5.82	4.76
Viridian	Huntstown - HN2	400	42.81	52.68	3.67	0.84
	Huntstown - HNC	342	92.85	0.29	2.81	4.05

Table 5: Unit-by-Unit 365 Day Rolling Availability Demand Side Units – March 2021 to March 2022

Unit-by-Unit 365 Day Rolling Availability – March 2022					
Company	Unit	Annual Availability %	Annual Forced %	Annual Scheduled %	Annual Ambient %
Activation Energy	Activation Energy 1 – AE1	13.17	80.75	6.08	0
	Activation Energy 2 – AE2	38.13	49.48	12.39	0
	Activation Energy 3 – AE3	55.68	44.29	0.03	0
	Activation Energy 4 – AE4	3.02	58.01	38.97	0
	Activation Energy 5 – AE5	0	100	0	0
	Enernoc 1-EN1	12.73	86.71	0.56	0
	Enernoc 2-EN2	0.87	98.82	0.31	0
	Enernoc3-EN3	35.38	58.45	6.17	0
	Enernoc 4-EN4	5.28	69.09	25.63	0
	Enernoc 5-EN5	8.3	89.18	2.52	0
	Enernoc 6-EN6	22.99	57.34	19.67	0
	Enernoc 8-EN8	35.32	63.49	1.19	0
	Enernoc 9-EN9	46.38	37.13	16.49	0
DAE VPP	DAE VPP – DP1	39.23	0.16	60.61	0
	DAE VPP – DP2	28.23	0	71.77	0
Electricity Exchange Ltd	Electricity Exchange – EE1	32.89	0.03	67.08	0
	Electricity Exchange – EE2	23.78	0	76.22	0
	Electricity Exchange – EE3	16.53	0	83.47	0
	Electricity Exchange – EE4	14.38	0	85.62	0
	Electricity Exchange – EE5	54	0	46	0
	Electricity Exchange – EE6	50.22	0	49.78	0
	Electricity Exchange – EE7	52.24	0.06	47.7	0
Electric Ireland	Electric Ireland – EI1	11.15	0	88.85	0
Endeco	Endeco 1 – EC1	34.7	0.05	65.25	0
	Endeco 2 – EC2	25.1	0	74.9	0
	Endeco 5 – EC5	39.93	0.08	59.99	0
Energy Trading Ireland	Energy Trading – ET1	14.49	85.51	0	0
Powerhouse	Powerhouse – PG1	27	72.91	0.09	0
Viridian	Viridian Energy – VE1	10.05	0	89.95	0
	Viridian Energy – VE2	0.01	0	99.99	0

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

	Annual Availability %	Annual Forced %	Annual Scheduled %	Annual Ambient %
System Total Average Availability	65.58	23.28	10.38	0.76

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