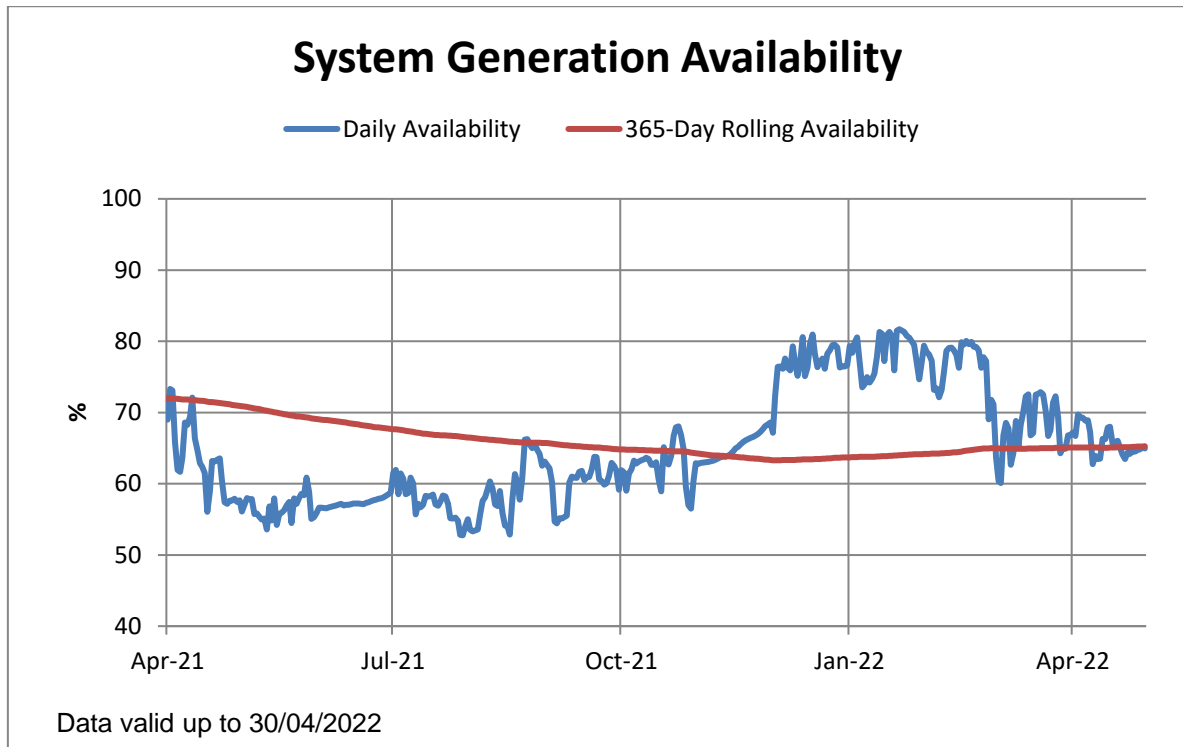


EirGrid Monthly Availability Report – April 2022

Availability report for April 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

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	95.97	0.04	0	3.99
	Seal Rock - SK4	85	97.63	0	0	2.37
Bord Gáis	Whitegate - WG1	444	98.94	0	0	1.06
Dublin Waste to Energy	DWTE - DW1	61.5	99.04	0.96	0	0
ESB Energy Ireland	Aghada - AD2	431	98.71	0.02	0	1.27
	Aghada - AT1	90	99.62	0	0.38	0
	Aghada - AT2	90	100	0	0	0
	Aghada - AT4	90	100	0	0	0
	Ardnacrusha - AA1	21	81.21	4.31	14.48	0
	Ardnacrusha - AA2	22	100	0	0	0
	Ardnacrusha - AA3	19	100	0	0	0
	Ardnacrusha - AA4	24	0	0	100	0
	Erne - ER1	10	85.97	0	14.03	0
	Erne - ER2	10	100	0	0	0
	Erne - ER3	22	99.78	0	0.22	0
	Erne - ER4	22	99.93	0	0.07	0
	Lee - LE1	15	100	0	0	0
	Lee - LE2	4	0	100	0	0
	Lee - LE3	8	87.48	12.52	0	0
	Liffey - LI1	15	0	100	0	0
	Liffey - LI2	15	100	0	0	0
	Liffey - LI4	4	100	0	0	0
	Liffey - LI5	4	100	0	0	0
	Moneypoint - MP1	285	54.91	45.09	0	0
	Moneypoint - MP2	285	5.21	1.7	93.09	0
	Moneypoint - MP3	285	74.93	25.07	0	0
	Poolbeg - PBA	231	100	0	0	0
	Poolbeg - PBB	231	100	0	0	0
Turlough Hill - TH1	73	99.96	0.04	0	0	
Turlough Hill - TH2	73	100	0	0	0	
Turlough Hill - TH3	73	100	0	0	0	
Turlough Hill - TH4	73	98.41	0.71	0.88	0	
Edenderry Power Ltd	Edenderry - ED1	118	60.03	20.44	19.53	0
	Edenderry - ED3	58	100	0	0	0
	Edenderry - ED5	58	100	0	0	0
SSE Generation Ireland	Great Island - GI4	461	0	100	0	0
	Rhode - RP1	52	100	0	0	0
	Rhode - RP2	52	100	0	0	0
	Tarbert - TB1	54	0	100	0	0
	Tarbert - TB2	54	0	100	0	0
	Tarbert - TB3	241	79.9	20.1	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	62.88	0.48	36.64	0
Synergen	Dublin Bay - DB1	405	57.73	41.96	0	0.31
Tynagh Energy Ltd	Tynagh - TYC	384	94.87	0.76	0	4.37
Viridian	Huntstown - HN2	400	96.27	0.84	1.09	1.8
	Huntstown - HNC	342	96.78	0.69	0	2.53

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

Unit-by-Unit Average Monthly Availability – April 2022					
Company	Unit	Monthly Availability %	Monthly Forced %	Monthly Scheduled %	Monthly Ambient %
Enel X	Enel X – AE1	23	63.06	13.94	0
	Enel X – AE2	38.91	30.91	30.18	0
	Enel X – AE3	64.08	35.92	0	0
	Enel X – AE4	11.04	88.96	0	0
	Enel X – AE5	0	100	0	0
	Enel X - EN1	0	100	0	0
	Enel X - EN2	0	100	0	0
	Enel X - EN3	36.3	50.18	13.52	0
	Enel X - EN4	19.31	80.69	0	0
	Enel X - EN5	0	100	0	0
	Enel X - EN6	24.41	55.76	19.83	0
	Enel X - EN7	57.1	40.17	2.73	0
	Enel X - EN8	2.69	97.24	0.07	0
	Enel X - EX1	4.76	95.24	0	0
DAE VPP	DAE VPP – DP1	37.78	0	62.22	0
	DAE VPP – DP2	35.76	0	64.24	0
Electricity Exchange Ltd	Electricity Exchange – EE1	27.71	0.1	72.19	0
	Electricity Exchange – EE2	26.65	0	73.35	0
	Electricity Exchange – EE3	17.44	0	82.56	0
	Electricity Exchange – EE4	7.35	0	92.65	0
	Electricity Exchange – EE5	49.72	0	50.28	0
	Electricity Exchange – EE6	36.56	0	63.44	0
	Electricity Exchange – EE7	47.19	0	52.81	0
Electric Ireland	Electric Ireland – EI1	55.07	0	44.93	0
Endeco	Endeco 1 – EC1	27.49	0	72.51	0
	Endeco 2 – EC2	23.03	0	76.97	0
	Endeco 5 – EC5	39.69	0	60.31	0
Energy Trading Ireland	Energy Trading – ET1	19.99	80.01	0	0
Powerhouse	Powerhouse – PG1	30.23	69.77	0	0
Viridian	Viridian Energy – VE1	1.94	0	98.06	0
	Viridian Energy – VE2	0	0	100	0

Table 3: System Total Average Monthly Availability – April 2022

	Monthly Availability %	Monthly Forced %	Monthly Scheduled %	Monthly Ambient %
System Total Average Availability	65.88	24.68	8.78	0.66

Table 4: Unit-by-Unit 365 Day Rolling Availability Conventional Units – April 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	86.95	0.64	6.54	5.87
	Seal Rock - SK4	85	89.49	2.28	3.62	4.61
Bord Gáis	Whitegate - WG1	444	39.20	57.96	2.70	0.14
Dublin Waste to Energy	DWTE - DW1	61.5	89.12	10.88	0.00	0.00
ESB Energy Ireland	Aghada - AD2	431	88.32	5.17	6.15	0.36
	Aghada - AT1	90	93.64	1.66	4.70	0.00
	Aghada - AT2	90	83.69	1.98	14.33	0.00
	Aghada - AT4	90	99.91	0.08	0.00	0.01
	Ardnacrusha - AA1	21	95.40	3.22	1.38	0.00
	Ardnacrusha - AA2	22	92.81	1.28	5.91	0.00
	Ardnacrusha - AA3	19	84.43	1.11	14.46	0.00
	Ardnacrusha - AA4	24	31.54	38.22	30.24	0.00
	Erne - ER1	10	96.94	0.67	2.39	0.00
	Erne - ER2	10	87.20	11.29	1.51	0.00
	Erne - ER3	22	92.26	0.89	6.85	0.00
	Erne - ER4	22	95.52	2.80	1.68	0.00
	Lee - LE1	15	70.72	29.22	0.06	0.00
	Lee - LE2	4	66.91	25.77	7.32	0.00
	Lee - LE3	8	73.73	17.39	8.88	0.00
	Liffey - LI1	15	0.00	97.61	2.39	0.00
	Liffey - LI2	15	28.86	68.75	2.39	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	79.43	13.42	7.15	0.00
	Moneypoint - MP2	285	50.34	42.01	7.65	0.00
	Moneypoint - MP3	285	80.17	16.45	3.38	0.00
	Poolbeg - PBA	231	87.59	2.87	9.43	0.11
	Poolbeg - PBB	231	76.18	8.24	15.40	0.18
Turlough Hill - TH1	73	99.44	0.22	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	99.21	0.30	0.49	0.00	
Edenderry Power Ltd	Edenderry - ED1	118	74.83	13.36	11.81	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	78.94	17.75	1.60	1.71
	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	30.94	60.80	8.26	0.00
	Tarbert - TB2	54	26.25	68.23	5.52	0.00
	Tarbert - TB3	241	65.52	26.54	7.94	0.00
	Tarbert - TB4	243	0.32	99.68	0.00	0.00
	Tawnaghmore - TP1	52	92.23	5.38	2.39	0.00
Tawnaghmore - TP3	52	92.42	5.19	2.39	0.00	
Indaver	Indaver - IW1	16	86.60	7.27	6.13	0.00
Synergen	Dublin Bay - DB1	405	66.32	11.52	21.98	0.18
Tynagh Energy Ltd	Tynagh - TYC	384	88.33	6.02	0.57	5.08
Viridian	Huntstown - HN2	400	50.68	48.07	0.27	0.98
	Huntstown - HNC	342	92.77	0.35	2.81	4.07

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

Unit-by-Unit 365 Day Rolling Availability – April 2022					
Company	Unit	Annual Availability %	Annual Forced %	Annual Scheduled %	Annual Ambient %
Enel X	Enel X – AE1	13.62	79.81	6.57	0
	Enel X – AE2	38.13	47.71	14.16	0
	Enel X – AE3	56.75	43.22	0.03	0
	Enel X – AE4	3.92	57.11	38.97	0
	Enel X – AE5	0	100	0	0
	Enel X - EN1	10.65	88.79	0.56	0
	Enel X - EN2	0.87	98.82	0.31	0
	Enel X - EN3	34.5	58.22	7.28	0
	Enel X - EN4	6.87	67.5	25.63	0
	Enel X - EN5	7	90.48	2.52	0
	Enel X - EN6	22.64	57.83	19.53	0
	Enel X - EN7	35.53	63.29	1.18	0
	Enel X - EN8	43.45	43.51	13.04	0
	Enel X - EX1	4.57	95.43	0	0
	DAE VPP	DAE VPP – DP1	38.91	0.16	60.93
DAE VPP – DP2		38.91	0.16	60.93	0
Electricity Exchange Ltd	Electricity Exchange – EE1	27.66	0	72.34	0
	Electricity Exchange – EE2	31.93	0.04	68.03	0
	Electricity Exchange – EE3	31.93	0.04	68.03	0
	Electricity Exchange – EE4	24.15	0	75.85	0
	Electricity Exchange – EE5	16.66	0	83.34	0
	Electricity Exchange – EE6	13.64	0	86.36	0
	Electricity Exchange – EE7	53.23	0	46.77	0
Electric Ireland	Electric Ireland – EI1	48.91	0	51.09	0
Endeco	Endeco 1 – EC1	51.3	0.07	48.63	0
	Endeco 2 – EC2	12.95	0	87.05	0
	Endeco 5 – EC5	34.09	0.04	65.87	0
Energy Trading Ireland	Energy Trading – ET1	25.62	0	74.38	0
Powerhouse	Powerhouse – PG1	39.66	0.07	60.27	0
Viridian	Viridian Energy – VE1	16.73	83.27	0	0
	Viridian Energy – VE2	28.44	71.47	0.09	0

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

	Annual Availability %	Annual Forced %	Annual Scheduled %	Annual Ambient %
System Total Average Availability	65.8	23.52	9.89	0.79

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.