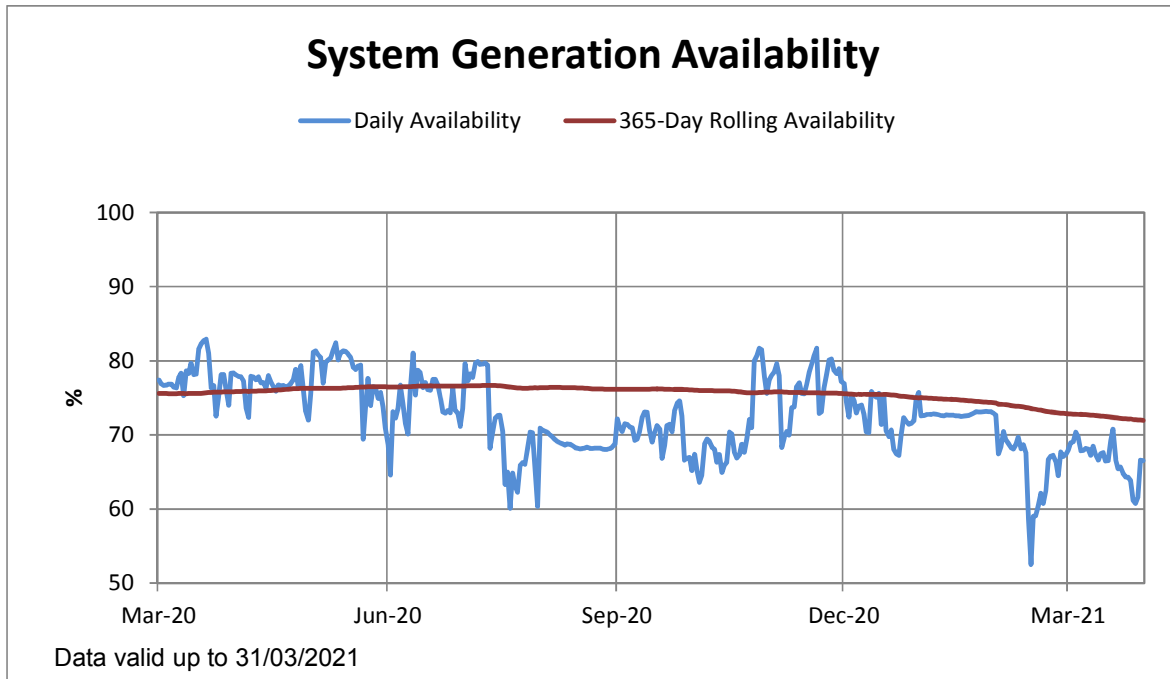


EirGrid Monthly Availability Report – March 2021

Availability report for March 2021¹



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 2021

Unit-by-Unit Average Monthly Availability – March 2021						
Company	Unit	Capacity	Monthly Availability %	Monthly Forced %	Monthly Scheduled %	Monthly Ambient %
Aughinish Alumina Ltd	Seal Rock - SK3	85	85.17	3.57	7.90	3.36
	Seal Rock - SK4	85	96.72	0.00	0.00	3.28
Bord Gáis	Whitegate - WG1	444	0.00	100.00	0.00	0.00
Dublin Waste to Energy	DWTE - DW1	61.5	98.95	1.05	0.00	0.00
ESB Energy Ireland	Aghada - AD2	431	99.66	0.34	0.00	0.00
	Aghada - AT1	90	92.02	0.00	7.98	0.00
	Aghada - AT2	90	99.92	0.08	0.00	0.00
	Aghada - AT4	90	89.54	2.14	8.32	0.00
	Ardnacrusha - AA1	21	99.82	0.16	0.02	0.00
	Ardnacrusha - AA2	22	99.85	0.15	0.00	0.00
	Ardnacrusha - AA3	19	99.85	0.15	0.00	0.00
	Ardnacrusha - AA4	24	0.00	100.00	0.00	0.00
	Erne - ER1	10	100.00	0.00	0.00	0.00
	Erne - ER2	10	100.00	0.00	0.00	0.00
	Erne - ER3	22	100.00	0.00	0.00	0.00
	Erne - ER4	22	100.00	0.00	0.00	0.00
	Lee - LE1	15	56.91	43.09	0.00	0.00
	Lee - LE2	4	84.89	14.65	0.46	0.00
	Lee - LE3	8	100.00	0.00	0.00	0.00
	Liffey - LI1	15	100.00	0.00	0.00	0.00
	Liffey - LI2	15	99.93	0.07	0.00	0.00
	Liffey - LI4	4	100.00	0.00	0.00	0.00
	Liffey - LI5	4	98.44	1.56	0.00	0.00
	Moneypoint - MP1	285	70.99	28.87	0.14	0.00
	Moneypoint - MP2	285	23.79	76.21	0.00	0.00
	Moneypoint - MP3	285	78.47	21.53	0.00	0.00
	North Wall - NW5	104	0.00	0.00	100.00	0.00
	Poolbeg - PBA	231	100.00	0.00	0.00	0.00
	Poolbeg - PBB	231	97.76	2.24	0.00	0.00
	Turlough Hill - TH1	73	69.60	3.22	27.28	0.00
	Turlough Hill - TH2	73	69.60	3.22	27.28	0.00
Turlough Hill - TH3	73	69.62	3.4	36.98	0.00	
Turlough Hill - TH4	73	69.60	3.22	27.28	0.00	
Edenderry Power Ltd	Edenderry - ED1	118	89.18	10.82	0.00	0.00
	Edenderry - ED3	58	100.00	0.00	0.00	0.00
	Edenderry - ED5	58	100.00	0.00	0.00	0.00
SSE Generation Ireland	Great Island - GI4	461	99.78	0.00	0.00	0.22
	Rhode - RP1	52	90.75	9.25	0.00	0.00
	Rhode - RP2	52	100.00	0.00	0.00	0.00
	Tarbert - TB1	54	97.04	2.96	0.00	0.00
	Tarbert - TB2	54	99.83	0.17	0.00	0.00
	Tarbert - TB3	241	82.33	17.67	0.00	0.00
	Tarbert - TB4	243	75.53	24.47	0.00	0.00
	Tawnaghmore - TP1	52	98.48	1.52	0.00	0.00
Tawnaghmore - TP3	52	100.00	0.00	0.00	0.00	
Indaver	Indaver - IW1	16	74.81	25.19	0.00	0.00
Synergen	Dublin Bay - DB1	405	98.28	1.72	0.00	0.00
Tynagh Energy Ltd	Tynagh - TYC	384	97.27	0.00	0.00	2.73
Viridian	Huntstown - HN2	400	0.00	58.14	41.86	0.00
	Huntstown - HNC	342	97.39	0.00	0.00	2.61

Table 2: Unit-by-Unit Average Monthly Availability Demand Side Units – March 2021

Unit-by-Unit Average Monthly Availability – January 2021					
Company	Unit	Monthly Availability %	Monthly Forced %	Monthly Scheduled %	Monthly Ambient %
Activation Energy	Activation Energy 1 – AE1	18.7	73.36	7.94	0
	Activation Energy 2 – AE2	46.25	41.98	11.77	0
	Activation Energy 3 – AE3	64.26	35.63	0.11	0
	Activation Energy 4 – AE4	13.45	86.36	0.19	0
	Activation Energy 5 – AE5	0	100	0	0
	Enernoc 1 - EN1	16.03	83.97	0	0
	Enernoc 2 - EN2	17.04	82.96	0	0
	Enernoc 3-EN3	0	100	0	0
	Enernoc 4-EN4	7.39	92.61	0	0
	Enernoc 5-EN5	16.28	83.72	0	0
	Enernoc 6-EN6	36.39	39.51	24.1	0
	Enernoc 8-EN8	17.97	80.19	1.84	0
	Enernoc 9-EN9	43.68	43.43	12.89	0
DAE VPP	DAE VPP – DP1	64.28	0	35.72	0
	DAE VPP – DP2	42.6	0	57.4	0
Electricity Exchange Ltd	Electricity Exchange – EE1	35.38	0	64.62	0
	Electricity Exchange – EE2	19.16	0	80.84	0
	Electricity Exchange – EE3	16.34	0	83.66	0
	Electricity Exchange – EE4	19.39	0	80.61	0
	Electricity Exchange – EE5	56.04	0	43.96	0
	Electricity Exchange – EE6	59.35	0	40.65	0
	Electricity Exchange – EE7	61.83	0	38.17	0
Electric Ireland	Electric Ireland – EI1	61.65	0	38.35	0
Endeco	Endeco 1 – EC1	34.38	0	65.62	0
	Endeco 2 – EC2	24.1	0	75.9	0
	Endeco 5 – EC5	46.01	0	53.99	0
Energy Trading Ireland	Energy Trading – ET1	0.11	99.89	0	0
Powerhouse	Powerhouse – PG1	21.65	78.35	0	0
Viridian	Viridian Energy – VE1	17.87	0	82.13	0
	Viridian Energy – VE2	0	0	100	0

Table 3: System Total Average Monthly Availability – March 2021

	Monthly Availability %	Monthly Forced %	Monthly Scheduled %	Monthly Ambient %
System Total Average Availability	66.70	24.83	8.11	0.36

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.

Table 4: Unit-by-Unit 365 Day Rolling Availability Conventional Units – March 2020 to March 2021

Unit-by-Unit 365 Day Rolling Availability – March 2021						
Company	Unit	Capacity	Annual Availability %	Annual Forced %	Annual Scheduled %	Annual Ambient %
Aughinish Alumina Ltd	Seal Rock - SK3	85	87.98	2.60	3.78	5.64
	Seal Rock - SK4	85	91.72	1.86	2.69	3.73
Bord Gáis	Whitegate - WG1	444	59.29	36.86	2.06	1.79
Dublin Waste to Energy	DWTE - DW1	61.5	87.50	6.96	5.54	0.00
ESB Energy Ireland	Aghada - AD2	431	92.95	5.86	1.17	0.02
	Aghada - AT1	90	95.08	3.81	1.11	0.00
	Aghada - AT2	90	96.47	1.94	1.59	0.00
	Aghada - AT4	90	89.28	8.41	2.31	0.00
	Ardnacrusha - AA1	21	91.06	1.08	7.86	0.00
	Ardnacrusha - AA2	22	98.49	0.05	1.46	0.00
	Ardnacrusha - AA3	19	96.36	2.24	1.40	0.00
	Ardnacrusha - AA4	24	77.14	14.05	8.81	0.00
	Erne - ER1	10	94.90	1.55	3.55	0.00
	Erne - ER2	10	97.38	0.13	2.49	0.00
	Erne - ER3	22	97.62	1.05	1.33	0.00
	Erne - ER4	22	97.27	0.29	2.44	0.00
	Lee - LE1	15	92.20	3.86	3.94	0.00
	Lee - LE2	4	68.75	27.45	3.80	0.00
	Lee - LE3	8	63.46	28.80	7.74	0.00
	Liffey - LI1	15	92.89	6.54	0.57	0.00
	Liffey - LI2	15	97.67	1.76	0.57	0.00
	Liffey - LI4	4	96.10	3.45	0.45	0.00
	Liffey - LI5	4	89.17	2.39	8.44	0.00
	Moneypoint - MP1	285	78.76	17.84	3.40	0.00
	Moneypoint - MP2	285	47.50	52.50	0.00	0.00
	Moneypoint - MP3	285	34.53	65.47	0.00	0.00
	North Wall - NW5	104	0.00	0.00	100.00	0.00
	Poolbeg - PBA	231	78.03	5.19	16.76	0.02
Poolbeg - PBB	231	88.59	5.33	6.07	0.01	
Turlough Hill - TH1	73	85.45	8.77	5.78	0.00	
Turlough Hill - TH2	73	90.38	2.92	6.70	0.00	
Turlough Hill - TH3	73	92.56	1.03	6.41	0.00	
Turlough Hill - TH4	73	93.27	0.52	6.21	0.00	
Edenderry Power Ltd	Edenderry - ED1	118	85.38	2.01	12.61	0.00
	Edenderry - ED3	58	99.76	0.12	0.12	0.00
	Edenderry - ED5	58	99.18	0.68	0.14	0.00
SSE Generation Ireland	Great Island - GI4	461	89.16	1.46	8.22	1.16
	Rhode - RP1	52	99.09	0.91	0.00	0.00
	Rhode - RP2	52	88.17	11.83	0.00	0.00
	Tarbert - TB1	54	99.19	0.81	0.00	0.00
	Tarbert - TB2	54	94.59	5.41	0.00	0.00
	Tarbert - TB3	241	82.20	14.06	3.74	0.00
	Tarbert - TB4	243	78.73	17.89	3.38	0.00
	Tawnaghmore - TP1	52	99.24	0.17	0.59	0.00
Tawnaghmore - TP3	52	99.86	0.14	0.00	0.00	
Indaver	Indaver - IW1	16	77.31	11.72	10.97	0.00
Synergen	Dublin Bay - DB1	405	95.44	3.57	0.92	0.07
Tynagh Energy Ltd	Tynagh - TYC	384	80.97	7.81	7.40	3.82
Viridian	Huntstown - HN2	400	79.52	13.28	4.11	3.09
	Huntstown - HNC	342	79.23	0.38	16.58	3.81

Table 5: Unit-by-Unit 365 Day Rolling Availability Demand Side Units – March 2020 to March 2021

Unit-by-Unit 365 Day Rolling Availability – March 2021					
Company	Unit	Annual Availability %	Annual Forced %	Annual Scheduled %	Annual Ambient %
Activation Energy	Activation Energy 1 – AE1	22.08	72.34	5.58	0
	Activation Energy 2 – AE2	23.55	68.88	7.57	0
	Activation Energy 3 – AE3	48.56	51.42	0.02	0
	Activation Energy 4 – AE4	10.49	89.46	0.05	0
	Activation Energy 5 – AE5	42.35	57.63	0.02	0
	Enernoc 1-EN1	9.77	90.23	0	0
	Enernoc 2-EN2	13.45	86.55	0	0
	Enernoc3-EN3	17.26	82.74	0	0
	Enernoc 4-EN4	31.63	68.31	0.06	0
	Enernoc 5-EN5	21.1	78.9	0	0
	Enernoc 6-EN6	38	38.82	23.18	0
	Enernoc 8-EN8	28.6	69.45	1.95	0
	Enernoc 9-EN9	33.17	62.84	3.99	0
DAE VPP	DAE VPP – DP1	67.64	0.03	32.33	0
	DAE VPP – DP2	17.83	0.82	81.35	0
Electricity Exchange Ltd	Electricity Exchange – EE1	40.88	0.02	59.1	0
	Electricity Exchange – EE2	24.67	0.02	75.31	0
	Electricity Exchange – EE3	20.82	0	79.18	0
	Electricity Exchange – EE4	13.16	0	86.84	0
	Electricity Exchange – EE5	49.37	0.02	50.61	0
	Electricity Exchange – EE6	49.37	0.02	50.61	0
	Electricity Exchange – EE7	51.56	0	48.44	0
Electric Ireland	Electric Ireland – EI1	51.56	0	48.44	0
Endeco	Endeco 1 – EC1	56.25	0.11	43.64	0
	Endeco 2 – EC2	37.37	0.01	62.62	0
	Endeco 5 – EC5	19.34	0.21	80.45	0
Energy Trading Ireland	Energy Trading – ET1	41.42	0.01	58.57	0
Powerhouse	Powerhouse – PG1	0.01	99.99	0	0
Viridian	Viridian Energy – VE1	24.05	75.95	0	0
	Viridian Energy – VE2	15.55	0.03	84.42	0

Table 6: 365 Day Rolling System Total Average Availability – March 2020 to March 2021

	Annual Availability %	Annual Forced %	Annual Scheduled %	Annual Ambient %
System Total Average Availability	71.95	18.88	8.32	0.85

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