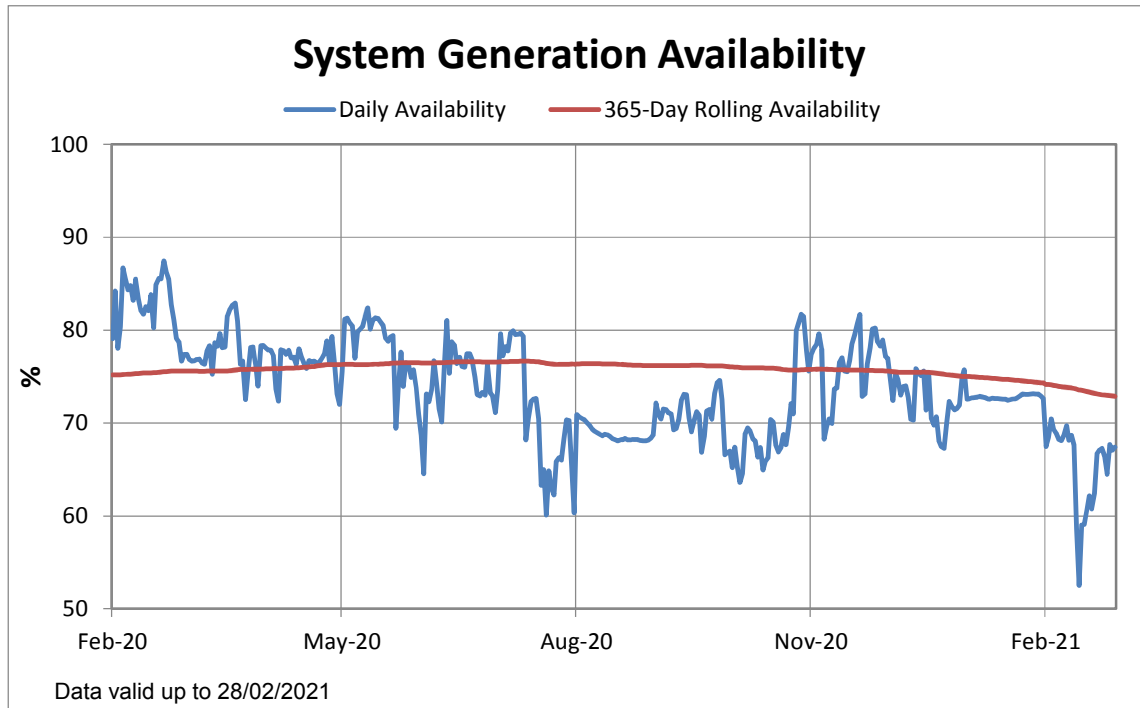


EirGrid Monthly Availability Report – February 2021

Availability report for February 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

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 – February 2021

Unit-by-Unit Average Monthly Availability – January 2021							
Company	Unit	Capacity	Monthly Availability %	Monthly Forced %	Monthly Scheduled %	Monthly Ambient %	
Aughinish Alumina Ltd	Seal Rock - SK3	85	92.74	0.00	0.00	7.26	
	Seal Rock - SK4	85	96.56	0.00	0.93	2.51	
Bord Gáis	Whitegate - WG1	444	0.00	100.00	0.00	0.00	
Dublin Waste to Energy	DWTE - DW1	61.5	88.86	11.14	0.00	0.00	
ESB Energy Ireland	Aghada - AD2	431	76.26	23.74	0.00	0.00	
	Aghada - AT1	90	100.00	0.00	0.00	0.00	
	Aghada - AT2	90	100.00	0.00	0.00	0.00	
	Aghada - AT4	90	99.86	0.14	0.00	0.00	
	Ardnacrusha - AA1	21	100.00	0.00	0.00	0.00	
	Ardnacrusha - AA2	22	100.00	0.00	0.00	0.00	
	Ardnacrusha - AA3	19	100.00	0.00	0.00	0.00	
	Ardnacrusha - AA4	24	56.06	41.32	2.62	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	99.92	0.00	0.08	0.00	
	Lee - LE2	4	100.00	0.00	0.00	0.00	
	Lee - LE3	8	95.28	4.72	0.00	0.00	
	Liffey - LI1	15	100.00	0.00	0.00	0.00	
	Liffey - LI2	15	98.97	1.03	0.00	0.00	
	Liffey - LI4	4	97.71	2.29	0.00	0.00	
	Liffey - LI5	4	90.18	9.82	0.00	0.00	
	Moneypoint - MP1	285	74.14	25.86	0.00	0.00	
	Moneypoint - MP2	285	35.74	64.26	0.00	0.00	
	Moneypoint - MP3	285	52.14	47.86	0.00	0.00	
	North Wall - NW5	104	0.00	0.00	100.00	0.00	
	Poolbeg - PBA	231	93.17	6.83	0.00	0.00	
	Poolbeg - PBB	231	100.00	0.00	0.00	0.00	
	Turlough Hill - TH1	73	99.62	0.00	0.38	0.00	
	Turlough Hill - TH2	73	100.00	0.00	0.00	0.00	
	Turlough Hill - TH3	73	99.16	0.00	0.84	0.00	
	Turlough Hill - TH4	73	99.25	0.00	0.75	0.00	
	Edenderry Power Ltd	Edenderry - ED1	118	99.18	0.82	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	99.37	0.00	0.00	0.63	
	Rhode - RP1	52	100.00	0.00	0.00	0.00	
	Rhode - RP2	52	100.00	0.00	0.00	0.00	
	Tarbert - TB1	54	99.37	0.63	0.00	0.00	
	Tarbert - TB2	54	99.57	0.43	0.00	0.00	
	Tarbert - TB3	241	76.81	23.19	0.00	0.00	
	Tarbert - TB4	243	57.71	42.29	0.00	0.00	
	Tawnaghmore - TP1	52	100.00	0.00	0.00	0.00	
Tawnaghmore - TP3	52	100.00	0.00	0.00	0.00		
Indaver	Indaver - IW1	16	86.12	13.88	0.00	0.00	
Synergen	Dublin Bay - DB1	405	100.00	0.00	0.00	0.00	
Tynagh Energy Ltd	Tynagh - TYC	384	88.56	7.74	0.00	3.70	
Viridian	Huntstown - HN2	400	0.00	100.00	0.00	0.00	
	Huntstown - HNC	342	94.94	1.27	0.00	3.79	

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.

Table 2: Unit-by-Unit Average Monthly Availability Demand Side Units – February 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	17.15	76.47	6.38	0
	Activation Energy 2 – AE2	21.82	78.11	0.07	0
	Activation Energy 3 – AE3	64.29	35.71	0	0
	Activation Energy 4 – AE4	33.53	66.47	0	0
	Activation Energy 5 – AE5	0	100	0	0
	Enernoc 1 - EN1	34.82	65.18	0	0
	Enernoc 2 - EN2	32.36	67.64	0	0
	Enernoc 3-EN3	0	100	0	0
	Enernoc 4-EN4	7.39	92.61	0	0
	Enernoc 5-EN5	17.03	82.97	0	0
	Enernoc 6-EN6	37.61	39.82	22.57	0
	Enernoc 8-EN8	23.42	74.52	2.06	0
	Enernoc 9-EN9	56.13	43.53	0.34	0
DAE VPP	DAE VPP – DP1	71.69	0.45	27.86	0
	DAE VPP – DP2	34.89	0	65.11	0
Electricity Exchange Ltd	Electricity Exchange – EE1	31.33	0	68.67	0
	Electricity Exchange – EE2	13.35	0	86.65	0
	Electricity Exchange – EE3	17.32	0	82.68	0
	Electricity Exchange – EE4	13.37	0	86.63	0
	Electricity Exchange – EE5	51.5	0	48.5	0
	Electricity Exchange – EE6	45.67	0	54.33	0
	Electricity Exchange – EE7	56.19	0	43.81	0
Electric Ireland	Electric Ireland – EI1	61.83	0	38.17	0
Endeco	Endeco 1 – EC1	36.03	0.02	63.95	0
	Endeco 2 – EC2	30.01	0	69.99	0
	Endeco 5 – EC5	47.25	0.1	52.65	0
Energy Trading Ireland	Energy Trading – ET1	0	100	0	0
Powerhouse	Powerhouse – PG1	21.94	78.06	0	0
Viridian	Viridian Energy – VE1	13.5	0	86.5	0
	Viridian Energy – VE2	0	0	100	0

Table 3: System Total Average Monthly Availability – February 2021

	Monthly Availability %	Monthly Forced %	Monthly Scheduled %	Monthly Ambient %
System Total Average Availability	65.46	29.58	4.43	0.53

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

Unit-by-Unit 365 Day Rolling Availability – February 2021						
Company	Unit	Capacity	Annual Availability %	Annual Forced %	Annual Scheduled %	Annual Ambient %
Aughinish Alumina Ltd	Seal Rock - SK3	85	89.08	2.32	3.11	5.49
	Seal Rock - SK4	85	90.53	3.26	2.62	3.59
Bord Gáis	Whitegate - WG1	444	74.77	21.25	2.06	1.92
Dublin Waste to Energy	DWTE - DW1	61.5	88.19	6.22	5.59	0.00
ESB Energy Ireland	Aghada - AD2	431	93.97	4.69	1.32	0.02
	Aghada - AT1	90	95.27	3.82	0.91	0.00
	Aghada - AT2	90	96.47	1.94	1.59	0.00
	Aghada - AT4	90	90.03	8.24	1.73	0.00
	Ardnacrusha - AA1	21	90.75	1.08	8.17	0.00
	Ardnacrusha - AA2	22	98.48	0.06	1.46	0.00
	Ardnacrusha - AA3	19	96.19	2.37	1.44	0.00
	Ardnacrusha - AA4	24	83.23	7.83	8.94	0.00
	Erne - ER1	10	94.51	1.94	3.55	0.00
	Erne - ER2	10	97.30	0.21	2.49	0.00
	Erne - ER3	22	97.57	1.10	1.33	0.00
	Erne - ER4	22	97.19	0.37	2.44	0.00
	Lee - LE1	15	95.86	0.21	3.93	0.00
	Lee - LE2	4	70.02	26.22	3.76	0.00
	Lee - LE3	8	63.82	28.44	7.74	0.00
	Liffey - LI1	15	92.89	6.54	0.57	0.00
	Liffey - LI2	15	97.71	1.72	0.57	0.00
	Liffey - LI4	4	89.44	10.11	0.45	0.00
	Liffey - LI5	4	90.05	1.51	8.44	0.00
	Moneypoint - MP1	285	76.19	20.42	3.39	0.00
	Moneypoint - MP2	285	49.62	50.33	0.05	0.00
	Moneypoint - MP3	285	23.87	76.13	0.00	0.00
	North Wall - NW5	104	0.00	0.00	100.00	0.00
	Poolbeg - PBA	231	78.49	4.69	16.80	0.02
	Poolbeg - PBB	231	88.73	5.14	6.12	0.01
	Turlough Hill - TH1	73	88.05	8.50	3.45	0.00
	Turlough Hill - TH2	73	92.58	3.31	4.11	0.00
Turlough Hill - TH3	73	95.08	1.01	3.91	0.00	
Turlough Hill - TH4	73	95.80	0.52	3.68	0.00	
Edenderry Power Ltd	Edenderry - ED1	118	86.06	1.33	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	89.15	1.46	8.22	1.17
	Rhode - RP1	52	99.72	0.28	0.00	0.00
	Rhode - RP2	52	88.13	11.87	0.00	0.00
	Tarbert - TB1	54	99.49	0.51	0.00	0.00
	Tarbert - TB2	54	94.63	5.37	0.00	0.00
	Tarbert - TB3	241	84.21	12.05	3.74	0.00
	Tarbert - TB4	243	84.02	12.60	3.38	0.00
	Tawnaghmore - TP1	52	99.37	0.04	0.59	0.00
Tawnaghmore - TP3	52	99.86	0.14	0.00	0.00	
Indaver	Indaver - IW1	16	80.24	8.79	10.97	0.00
Synergen	Dublin Bay - DB1	405	95.43	3.58	0.92	0.07
Tynagh Energy Ltd	Tynagh - TYC	384	78.80	7.30	10.18	3.72
Viridian	Huntstown - HN2	400	94.86	1.24	0.56	3.34
	Huntstown - HNC	342	79.35	0.28	16.58	3.79

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

Unit-by-Unit 365 Day Rolling Availability – February 2021					
Company	Unit	Annual Availability %	Annual Forced %	Annual Scheduled %	Annual Ambient %
Activation Energy	Activation Energy 1 – AE1	23.02	72.03	4.95	0
	Activation Energy 2 – AE2	19.97	69.6	10.43	0
	Activation Energy 3 – AE3	45.54	54.45	0.01	0
	Activation Energy 4 – AE4	17.27	82.7	0.03	0
	Activation Energy 5 – AE5	50.32	49.65	0.03	0
	Enernoc 1-EN1	14.31	85.69	0	0
	Enernoc 2-EN2	16.83	83.17	0	0
	Enernoc3-EN3	27.31	70.75	1.94	0
	Enernoc 4-EN4	40.86	59.08	0.06	0
	Enernoc 5-EN5	23.93	75.4	0.67	0
	Enernoc 6-EN6	38.45	38.16	23.39	0
	Enernoc 8-EN8	30.8	67.25	1.95	0
Enernoc 9-EN9	29.2	67.52	3.28	0	
DAE VPP	DAE VPP – DP1	67.02	0	32.98	0
	DAE VPP – DP2	12	0.83	87.17	0
Electricity Exchange Ltd	Electricity Exchange – EE1	44.52	0.02	55.46	0
	Electricity Exchange – EE2	25.78	0.02	74.2	0
	Electricity Exchange – EE3	20.96	0	79.04	0
	Electricity Exchange – EE4	12.15	0	87.85	0
	Electricity Exchange – EE5	51.9	0.03	48.07	0
	Electricity Exchange – EE6	51.9	0.03	48.07	0
	Electricity Exchange – EE7	54.15	0	45.85	0
Electric Ireland	Electric Ireland – EI1	54.15	0	45.85	0
Endeco	Endeco 1 – EC1	57.99	0.21	41.8	0
	Endeco 2 – EC2	38.86	0.06	61.08	0
	Endeco 5 – EC5	16.34	0.21	83.45	0
Energy Trading Ireland	Energy Trading – ET1	42.16	0.05	57.79	0
Powerhouse	Powerhouse – PG1	0	100	0	0
Viridian	Viridian Energy – VE1	26.16	73.84	0	0
	Viridian Energy – VE2	16.57	0.03	83.4	0

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

	Annual Availability %	Annual Forced %	Annual Scheduled %	Annual Ambient %
System Total Average Availability	72.88	18.11	8.15	0.86