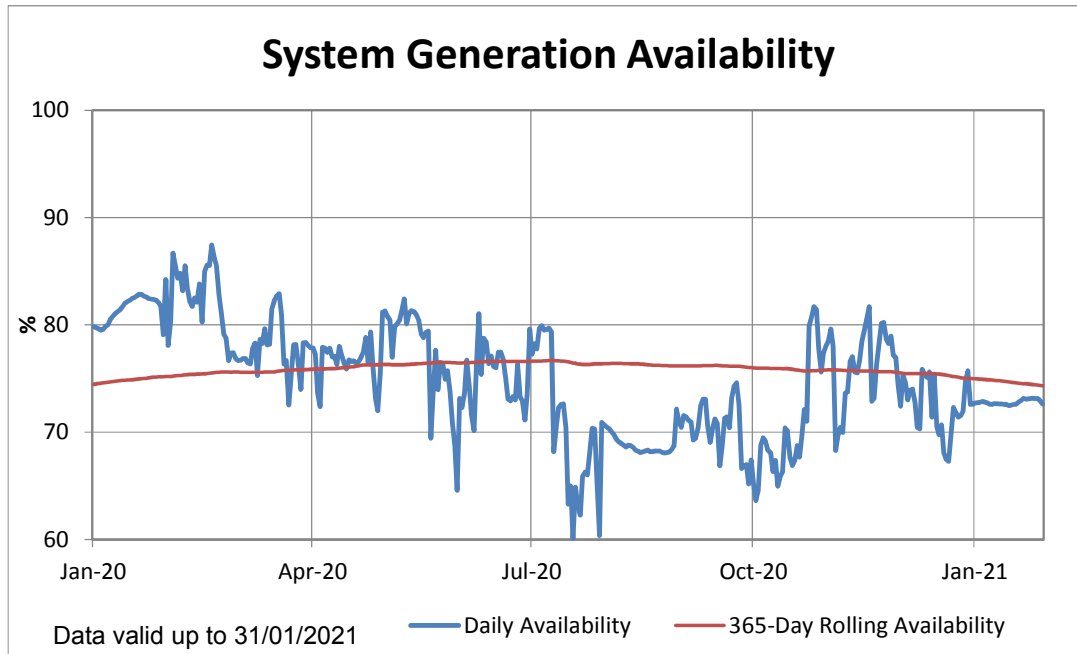


EirGrid Monthly Availability Report – January 2021

Availability report for January 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

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

Table 1: Unit-by-Unit Average Monthly Availability Conventional Units – January 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	94.40	0.25	0.00	5.35
	Seal Rock - SK4	85	86.37	0.11	11.72	1.80
Bord Gáis	Whitegate - WG1	444	0.00	100.00	0.00	0.00
Dublin Waste to Energy	DWTE - DW1	61.5	94.24	5.76	0.00	0.00
ESB Energy Ireland	Aghada - AD2	431	99.92	0.00	0.00	0.08
	Aghada - AT1	90	97.99	2.01	0.00	0.00
	Aghada - AT2	90	97.99	2.01	0.00	0.00
	Aghada - AT4	90	100.00	0.00	0.00	0.00
	Ardnacrusha - AA1	21	99.92	0.08	0.00	0.00
	Ardnacrusha - AA2	22	100.00	0.00	0.00	0.00
	Ardnacrusha - AA3	19	99.81	0.19	0.00	0.00
	Ardnacrusha - AA4	24	99.69	0.09	0.22	0.00
	Erne - ER1	10	95.30	0.49	4.21	0.00
	Erne - ER2	10	95.46	0.49	4.05	0.00
	Erne - ER3	22	98.46	1.54	0.00	0.00
	Erne - ER4	22	97.25	2.75	0.00	0.00
	Lee - LE1	15	100.00	0.00	0.00	0.00
	Lee - LE2	4	99.46	0.54	0.00	0.00
	Lee - LE3	8	100.00	0.00	0.00	0.00
	Liffey - LI1	15	98.80	0.00	1.20	0.00
	Liffey - LI2	15	98.49	0.32	1.19	0.00
	Liffey - LI4	4	98.81	0.00	1.19	0.00
	Liffey - LI5	4	100.00	0.00	0.00	0.00
	Moneypoint - MP1	285	79.96	20.04	0.00	0.00
	Moneypoint - MP2	285	20.20	79.80	0.00	0.00
	Moneypoint - MP3	285	92.86	7.14	0.00	0.00
	North Wall - NW5	104	0.00	0.00	100.00	0.00
	Poolbeg - PBA	231	58.80	41.20	0.00	0.00
	Poolbeg - PBB	231	100.00	0.00	0.00	0.00
	Turlough Hill - TH1	73	95.27	4.73	0.00	0.00
	Turlough Hill - TH2	73	99.17	0.00	0.83	0.00
	Turlough Hill - TH3	73	100.00	0.00	0.00	0.00
	Turlough Hill - TH4	73	100.00	0.00	0.00	0.00
	Edenderry Power Ltd	Edenderry - ED1	118	98.80	1.20	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	99.49	0.16	0.00	0.35
	Rhode - RP1	52	100.00	0.00	0.00	0.00
	Rhode - RP2	52	97.10	2.90	0.00	0.00
	Tarbert - TB1	54	100.00	0.00	0.00	0.00
	Tarbert - TB2	54	95.38	4.62	0.00	0.00
	Tarbert - TB3	241	92.95	7.05	0.00	0.00
	Tarbert - TB4	243	75.24	24.76	0.00	0.00
	Tawnaghmore - TP1	52	99.84	0.16	0.00	0.00
Tawnaghmore - TP3	52	100.00	0.00	0.00	0.00	
Indaver	Indaver - IW1	16	99.75	0.25	0.00	0.00
Synergen	Dublin Bay - DB1	405	100.00	0.00	0.00	0.00
Tynagh Energy Ltd	Tynagh - TYC	384	95.05	0.00	0.00	4.95
Viridian	Huntstown - HN2	400	85.48	6.70	6.45	1.37
	Huntstown - HNC	342	95.76	1.49	0.00	2.75

Table 2: Unit-by-Unit Average Monthly Availability Demand Side Units – January 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	6.79	90.61	2.6	0
	Activation Energy 2 – AE2	21.88	51.81	26.31	0
	Activation Energy 3 – AE3	57.8	42.14	0.06	0
	Activation Energy 4 – AE4	33.43	66.57	0	0
	Activation Energy 5 – AE5	1.06	98.94	0	0
	Enernoc 1 - EN1	27.16	72.84	0	0
	Enernoc 2 - EN2	18.91	81.09	0	0
	Enernoc 3-EN3	0	100	0	0
	Enernoc 4-EN4	8.84	91.16	0	0
	Enernoc 5-EN5	17.55	82.45	0	0
	Enernoc 6-EN6	38.53	35.71	25.76	0
	Enernoc 8-EN8	35.7	61.4	2.9	0
	Enernoc 9-EN9	24.04	50.61	25.35	0
DAE VPP	DAE VPP – DP1	66.45	0	33.55	0
	DAE VPP – DP2	4.95	0	95.05	0
Electricity Exchange Ltd	Electricity Exchange – EE1	27.79	0	72.21	0
	Electricity Exchange – EE2	8.91	0	91.09	0
	Electricity Exchange – EE3	19.82	0	80.18	0
	Electricity Exchange – EE4	19.38	0	80.62	0
	Electricity Exchange – EE5	42.79	0.08	57.13	0
	Electricity Exchange – EE6	31.36	0	68.64	0
	Electricity Exchange – EE7	27.49	0	72.51	0
Electric Ireland	Electric Ireland – EI1	66.84	0.01	33.15	0
Endeco	Endeco 1 – EC1	34.65	0.02	65.33	0
	Endeco 2 – EC2	25.07	0	74.93	0
	Endeco 5 – EC5	42.7	0	57.3	0
Energy Trading Ireland	Energy Trading – ET1	0	100	0	0
Powerhouse	Powerhouse – PG1	17.72	82.28	0	0
Viridian	Viridian Energy – VE1	8.85	0	91.15	0
	Viridian Energy – VE2	0	0	100	0

Table 3: System Total Average Monthly Availability – January 2021

	Monthly Availability %	Monthly Forced %	Monthly Scheduled %	Monthly Ambient %
System Total Average Availability	72.64	21.55	5.23	0.58

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

Unit-by-Unit 365 Day Rolling Availability – January 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 – January 2020 to January 2021

Unit-by-Unit 365 Day Rolling Availability – January 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 – January 2020 to January 2021

	Annual Availability %	Annual Forced %	Annual Scheduled %	Annual Ambient %
System Total Average Availability	74.2	16.8	8.14	0.86