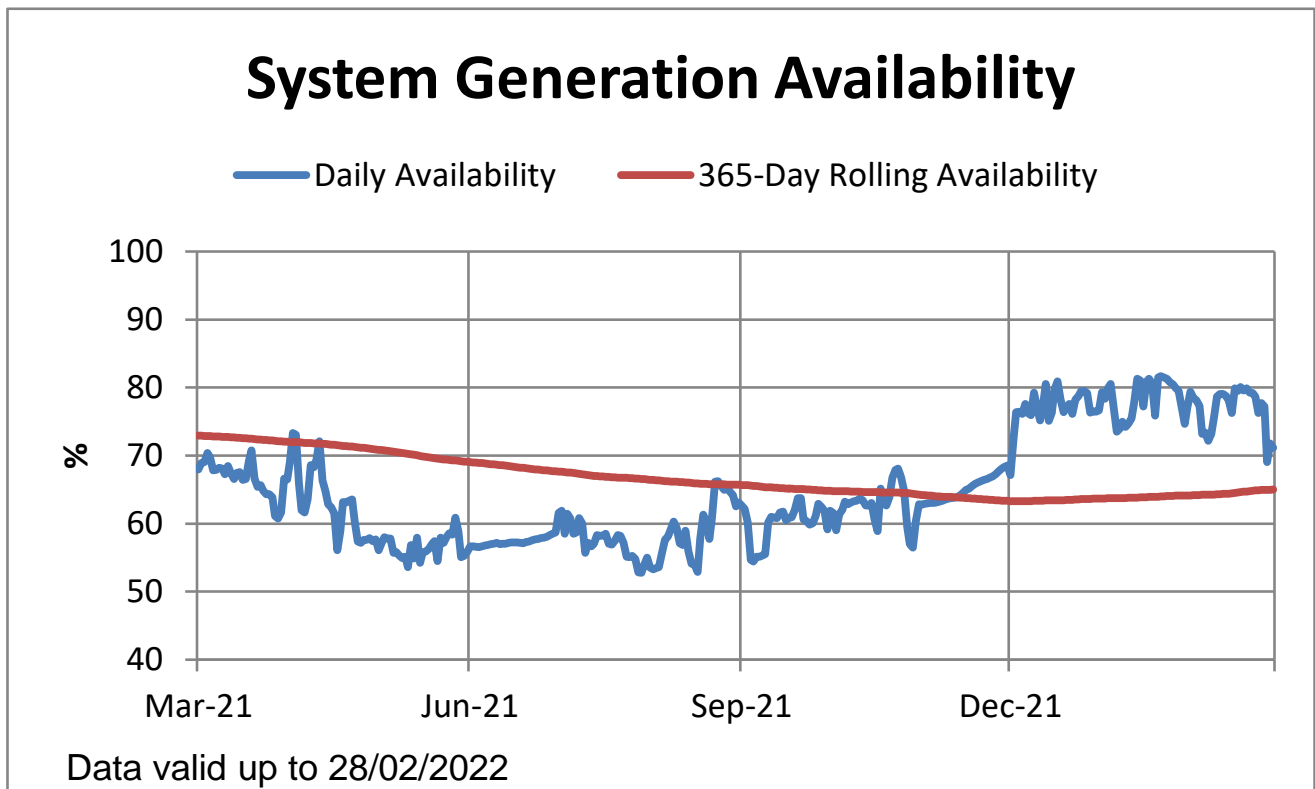


## EirGrid Monthly Availability Report – February 2022

Availability report for February 2022<sup>1</sup>



#### 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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<sup>1</sup> Based on EDIL (Electronic Dispatch Instruction Logger) declarations.

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

Unit-by-Unit Average Monthly Availability – February 2022						
Company	Unit	Capacity	Monthly Availability %	Monthly Forced %	Monthly Scheduled %	Monthly Ambient %
Aughinish Alumina Ltd	Seal Rock - SK3	85	90.45	0.59	6.05	2.91
	Seal Rock - SK4	85	96.54	0.57	0	2.89
Bord Gáis	Whitegate - WG1	444	87.64	12.28	0	0.08
Dublin Waste to Energy	DWTE - DW1	61.5	94.12	5.88	0	0
ESB Energy Ireland	Aghada - AD2	431	97.38	0.84	1.75	0.03
	Aghada - AT1	90	100	0	0	0
	Aghada - AT2	90	98.54	0	1.46	0
	Aghada - AT4	90	100	0	0	0
	Ardnacrusha - AA1	21	99.89	0.11	0	0
	Ardnacrusha - AA2	22	88.4	11.6	0	0
	Ardnacrusha - AA3	19	99.01	0.84	0.15	0
	Ardnacrusha - AA4	24	54.16	9.46	36.38	0
	Erne - ER1	10	99.03	0	0.97	0
	Erne - ER2	10	98.96	0.07	0.97	0
	Erne - ER3	22	99.24	0	0.76	0
	Erne - ER4	22	99.24	0	0.76	0
	Lee - LE1	15	99.37	0.63	0	0
	Lee - LE2	4	99.29	0.71	0	0
	Lee - LE3	8	99.75	0.25	0	0
	Liffey - LI1	15	0	100	0	0
	Liffey - LI2	15	100	0	0	0
	Liffey - LI4	4	96.58	3.42	0	0
	Liffey - LI5	4	100	0	0	0
	Moneypoint - MP1	285	82.71	17.29	0	0
	Moneypoint - MP2	285	43.83	56.14	0.03	0
	Moneypoint - MP3	285	84.98	15.02	0	0
	Poolbeg - PBA	231	100	0	0	0
	Poolbeg - PBB	231	100	0	0	0
	Turlough Hill - TH1	73	98.19	0.59	1.22	0
	Turlough Hill - TH2	73	99.24	0	0.76	0
Turlough Hill - TH3	73	99.89	0.11	0	0	
Turlough Hill - TH4	73	100	0	0	0	
Edenderry Power Ltd	Edenderry - ED1	118	81.18	18.82	0	0
	Edenderry - ED3	58	100	0	0	0
	Edenderry - ED5	58	100	0	0	0
SSE Generation Ireland	Great Island - GI4	461	98.73	0.04	0	1.23
	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	90.53	9.47	0	0
	Tarbert - TB4	243	0	100	0	0
	Tawnaghmore - TP1	52	93.01	6.99	0	0
Tawnaghmore - TP3	52	95.56	4.44	0	0	
Indaver	Indaver - IW1	16	89.12	10.88	0	0
Synergen	Dublin Bay - DB1	405	99.85	0.08	0	0.07
Tynagh Energy Ltd	Tynagh - TYC	384	77.75	18.75	0	3.5
Viridian	Huntstown - HN2	400	98.13	0	0	1.87
	Huntstown - HNC	342	95.8	0	0.6	3.6

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

Unit-by-Unit Average Monthly Availability – February 2022					
Company	Unit	Monthly Availability %	Monthly Forced %	Monthly Scheduled %	Monthly Ambient %
Activation Energy	Activation Energy 1 – AE1	13.03	81.49	5.48	0
	Activation Energy 2 – AE2	38.38	29.46	32.16	0
	Activation Energy 3 – AE3	64.09	35.91	0	0
	Activation Energy 4 – AE4	0	0	100	0
	Activation Energy 5 – AE5	0	100	0	0
	Enernoc 1 - EN1	0	100	0	0
	Enernoc 2 - EN2	9.23	90.77	0	0
	Enernoc 3-EN3	58.73	0.15	41.12	0
	Enernoc 4-EN4	0	100	0	0
	Enernoc 5-EN5	0	100	0	0
	Enernoc 6-EN6	13.36	65.75	20.89	0
	Enernoc 8-EN8	0	100	0	0
	Enernoc 9-EN9	67.48	31.74	0.78	0
	DAE VPP	DAE VPP – DP1	37.69	0	62.31
DAE VPP – DP2		37.39	0	62.61	0
Electricity Exchange Ltd	Electricity Exchange – EE1	29.47	0	70.53	0
	Electricity Exchange – EE2	14.63	0	85.37	0
	Electricity Exchange – EE3	16.96	0	83.04	0
	Electricity Exchange – EE4	7.54	0	92.46	0
	Electricity Exchange – EE5	64.59	0	35.41	0
	Electricity Exchange – EE6	50.22	0.03	49.75	0
	Electricity Exchange – EE7	48.92	0	51.08	0
Electric Ireland	Electric Ireland – EI1	6.46	0	93.54	0
Endeco	Endeco 1 – EC1	33.9	0	66.1	0
	Endeco 2 – EC2	34.66	0	65.34	0
	Endeco 5 – EC5	32.52	0	67.48	0
Energy Trading Ireland	Energy Trading – ET1	20	80	0	0
Powerhouse	Powerhouse – PG1	32.86	67.14	0	0
Viridian	Viridian Energy – VE1	3.18	0	96.82	0
	Viridian Energy – VE2	0	0	100	0

**Table 3: System Total Average Monthly Availability – February 2022**

	Monthly Availability %	Monthly Forced %	Monthly Scheduled %	Monthly Ambient %
<b>System Total Average Availability</b>	76.81	16.71	5.88	0.6

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

Unit-by-Unit 365 Day Rolling Availability – February 2022						
Company	Unit	Capacity	Annual Availability %	Annual Forced %	Annual Scheduled %	Annual Ambient %
Aughinish Alumina Ltd	Seal Rock - SK3	85	85.97	0.93	7.20	5.90
	Seal Rock - SK4	85	90.00	2.26	3.01	4.73
Bord Gáis	Whitegate - WG1	444	23.36	73.89	2.71	0.04
Dublin Waste to Energy	DWTE - DW1	61.5	88.82	11.18	0.00	0.00
ESB Energy Ireland	Aghada - AD2	431	89.20	4.71	5.80	0.29
	Aghada - AT1	90	92.99	1.66	5.35	0.00
	Aghada - AT2	90	82.97	1.98	15.05	0.00
	Aghada - AT4	90	99.02	0.26	0.71	0.01
	Ardnacrusha - AA1	21	96.93	2.88	0.19	0.00
	Ardnacrusha - AA2	22	92.79	1.30	5.91	0.00
	Ardnacrusha - AA3	19	84.19	1.35	14.46	0.00
	Ardnacrusha - AA4	24	28.45	52.22	19.33	0.00
	Erne - ER1	10	93.01	1.79	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	62.03	36.91	1.06	0.00
	Lee - LE2	4	69.20	16.69	14.11	0.00
	Lee - LE3	8	74.78	16.34	8.88	0.00
	Liffey - LI1	15	11.60	80.91	7.49	0.00
	Liffey - LI2	15	24.05	68.46	7.49	0.00
	Liffey - LI4	4	83.00	17.00	0.00	0.00
	Liffey - LI5	4	46.00	53.97	0.03	0.00
	Moneypoint - MP1	285	80.72	12.13	7.15	0.00
	Moneypoint - MP2	285	50.19	49.81	0.00	0.00
	Moneypoint - MP3	285	81.91	14.71	3.38	0.00
	Poolbeg - PBA	231	87.60	2.86	9.43	0.11
	Poolbeg - PBB	231	74.53	8.45	16.84	0.18
Turlough Hill - TH1	73	96.88	0.47	2.65	0.00	
Turlough Hill - TH2	73	96.46	0.83	2.71	0.00	
Turlough Hill - TH3	73	96.78	0.45	2.77	0.00	
Turlough Hill - TH4	73	96.85	0.48	2.67	0.00	
Edenderry Power Ltd	Edenderry - ED1	118	77.91	11.89	10.20	0.00
	Edenderry - ED3	58	98.68	1.19	0.13	0.00
	Edenderry - ED5	58	99.84	0.03	0.13	0.00
SSE Generation Ireland	Great Island - GI4	461	95.00	1.18	2.08	1.74
	Rhode - RP1	52	85.17	2.61	12.22	0.00
	Rhode - RP2	52	92.02	1.38	6.60	0.00
	Tarbert - TB1	54	47.31	44.43	8.26	0.00
	Tarbert - TB2	54	42.92	51.56	5.52	0.00
	Tarbert - TB3	241	66.76	25.31	7.93	0.00
	Tarbert - TB4	243	8.36	91.64	0.00	0.00
	Tawnaghmore - TP1	52	86.97	5.54	7.49	0.00
Tawnaghmore - TP3	52	87.31	5.20	7.49	0.00	
Indaver	Indaver - IW1	16	90.62	9.38	0.00	0.00
Synergen	Dublin Bay - DB1	405	69.00	6.78	24.07	0.15
Tynagh Energy Ltd	Tynagh - TYC	384	83.21	6.31	5.82	4.66
Viridian	Huntstown - HN2	400	34.48	52.69	12.15	0.68
	Huntstown - HNC	342	95.49	0.29	0.11	4.11

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

Unit-by-Unit 365 Day Rolling Availability – February 2022					
Company	Unit	Annual Availability %	Annual Forced %	Annual Scheduled %	Annual Ambient %
Activation Energy	Activation Energy 1 – AE1	13.28	81.16	5.56	0
	Activation Energy 2 – AE2	39.66	49.6	10.74	0
	Activation Energy 3 – AE3	55.74	44.22	0.04	0
	Activation Energy 4 – AE4	1.16	60.34	38.5	0
	Activation Energy 5 – AE5	0	100	0	0
	Enernoc 1-EN1	14.09	85.35	0.56	0
	Enernoc 2-EN2	2.17	97.52	0.31	0
	Enernoc3-EN3	35.14	58.85	6.01	0
	Enernoc 4-EN4	1.91	72.46	25.63	0
	Enernoc 5-EN5	9.68	87.8	2.52	0
	Enernoc 6-EN6	24.99	55.55	19.46	0
	Enernoc 8-EN8	34.9	63.8	1.3	0
	Enernoc 9-EN9	49.8	32.65	17.55	0
	DAE VPP	DAE VPP – DP1	40.67	0.16	59.17
DAE VPP – DP2		29.45	0	70.55	0
Electricity Exchange Ltd	Electricity Exchange – EE1	33.61	0.03	66.36	0
	Electricity Exchange – EE2	23.44	0	76.56	0
	Electricity Exchange – EE3	16.52	0	83.48	0
	Electricity Exchange – EE4	15.38	0	84.62	0
	Electricity Exchange – EE5	53.75	0	46.25	0
	Electricity Exchange – EE6	53.89	0	46.11	0
	Electricity Exchange – EE7	53.63	0.06	46.31	0
Electric Ireland	Electric Ireland – EI1	15.96	0	84.04	0
Endeco	Endeco 1 – EC1	35.17	0.05	64.78	0
	Endeco 2 – EC2	24.54	0	75.46	0
	Endeco 5 – EC5	39.81	0.08	60.11	0
Energy Trading Ireland	Energy Trading – ET1	11.47	88.53	0	0
Powerhouse	Powerhouse – PG1	25.94	73.97	0.09	0
Viridian	Viridian Energy – VE1	11.36	0	88.64	0
	Viridian Energy – VE2	0	0	100	0

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

	Annual Availability %	Annual Forced %	Annual Scheduled %	Annual Ambient %
<b>System Total Average Availability</b>	65.67	22.89	10.69	0.75

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