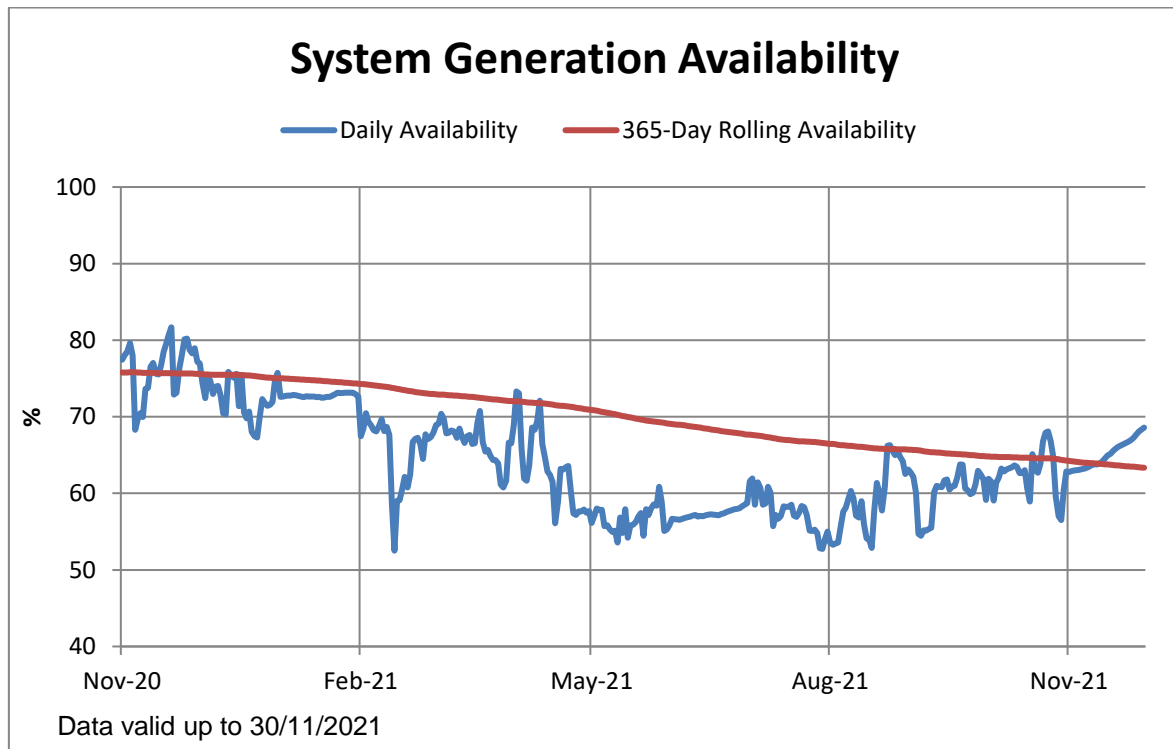


# EirGrid Monthly Availability Report – November 2021

Availability report for November 2021<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

### General Queries

Email: [info@eirgrid.com](mailto:info@eirgrid.com)

Email: [OutagePlanning@eirgrid.com](mailto:OutagePlanning@eirgrid.com)

[www.eirgridgroup.com](http://www.eirgridgroup.com)

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

Table 1: Unit-by-Unit Average Monthly Availability Conventional Units – November 2021

Unit-by-Unit Average Monthly Availability – November 2021						
Company	Unit	Capacity	Monthly Availability %	Monthly Forced %	Monthly Scheduled %	Monthly Ambient %
Aughinish Alumina Ltd	Seal Rock - SK3	85	92.65	0.16	0.00	7.19
	Seal Rock - SK4	85	85.52	1.41	8.83	4.24
Bord Gáis	Whitegate - WG1	444	1.73	68.17	30.10	0.00
Dublin Waste to Energy	DWTE - DW1	61.5	91.60	8.40	0.00	0.00
ESB Energy Ireland	Aghada - AD2	431	77.56	22.44	0.00	0.00
	Aghada - AT1	90	97.71	2.29	0.00	0.00
	Aghada - AT2	90	95.24	4.76	0.00	0.00
	Aghada - AT4	90	100.00	0.00	0.00	0.00
	Ardnacrusha - AA1	21	99.88	0.12	0.00	0.00
	Ardnacrusha - AA2	22	99.41	0.00	0.59	0.00
	Ardnacrusha - AA3	19	89.75	10.25	0.00	0.00
	Ardnacrusha - AA4	24	66.91	29.50	3.59	0.00
	Erne - ER1	10	100.00	0.00	0.00	0.00
	Erne - ER2	10	99.94	0.06	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	99.10	0.11	0.79	0.00
	Lee - LE2	4	99.42	0.06	0.52	0.00
	Lee - LE3	8	100.00	0.00	0.00	0.00
	Liffey - LI1	15	0.00	100.00	0.00	0.00
	Liffey - LI2	15	0.00	100.00	0.00	0.00
	Liffey - LI4	4	51.87	48.13	0.00	0.00
	Liffey - LI5	4	0.00	100.00	0.00	0.00
	Moneypoint - MP1	285	83.27	16.73	0.00	0.00
	Moneypoint - MP2	285	62.97	37.03	0.00	0.00
	Moneypoint - MP3	285	91.16	8.84	0.00	0.00
	Poolbeg - PBA	231	86.46	13.54	0.00	0.00
	Poolbeg - PBB	231	1.95	31.49	66.56	0.00
	Turlough Hill - TH1	73	99.32	0.00	0.68	0.00
	Turlough Hill - TH2	73	98.44	0.00	1.56	0.00
	Turlough Hill - TH3	73	98.92	0.03	1.05	0.00
Turlough Hill - TH4	73	99.38	0.00	0.62	0.00	
Edenderry Power Ltd	Edenderry - ED1	118	74.31	25.69	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	98.89	0.10	0.00	1.01
	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	6.02	93.98	0.00	0.00
	Tarbert - TB2	54	0.00	100.00	0.00	0.00
	Tarbert - TB3	241	89.34	10.66	0.00	0.00
	Tarbert - TB4	243	0.00	100.00	0.00	0.00
	Tawnaghmore - TP1	52	99.99	0.01	0.00	0.00
Tawnaghmore - TP3	52	100.00	0.00	0.00	0.00	
Indaver	Indaver - IW1	16	86.09	13.91	0.00	0.00
Synergen	Dublin Bay - DB1	405	99.55	0.42	0.00	0.03
Tynagh Energy Ltd	Tynagh - TYC	384	86.36	9.13	0.00	4.51
Viridian	Huntstown - HN2	400	98.02	0.00	0.00	1.98
	Huntstown - HNC	342	97.42	0.00	0.00	2.58

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

Unit-by-Unit Average Monthly Availability – November 2021					
Company	Unit	Monthly Availability %	Monthly Forced %	Monthly Scheduled %	Monthly Ambient %
Activation Energy	Activation Energy 1 – AE1	10.26	85.17	4.57	0
	Activation Energy 2 – AE2	40.38	59.05	0.57	0
	Activation Energy 3 – AE3	40.77	59.23	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	0	100	0	0
	Enernoc 3-EN3	0	100	0	0
	Enernoc 4-EN4	0	0	100	0
	Enernoc 5-EN5	0	100	0	0
	Enernoc 6-EN6	15.06	55.16	29.78	0
	Enernoc 8-EN8	17.57	81.78	0.65	0
	Enernoc 9-EN9	23.69	72.87	3.44	0
DAE VPP	DAE VPP – DP1	43.84	0	56.16	0
	DAE VPP – DP2	22.59	0	77.41	0
Electricity Exchange Ltd	Electricity Exchange – EE1	26.62	0	73.38	0
	Electricity Exchange – EE2	25.14	0	74.86	0
	Electricity Exchange – EE3	16.47	0	83.53	0
	Electricity Exchange – EE4	12.35	0	87.65	0
	Electricity Exchange – EE5	53.26	0	46.74	0
	Electricity Exchange – EE6	60.94	0	39.06	0
	Electricity Exchange – EE7	45.78	0	54.22	0
Electric Ireland	Electric Ireland – EI1	40.46	0.02	59.52	0
Endeco	Endeco 1 – EC1	34.51	0	65.49	0
	Endeco 2 – EC2	28.88	0	71.12	0
	Endeco 5 – EC5	33.48	0.33	66.19	0
Energy Trading Ireland	Energy Trading – ET1	19.99	80.01	0	0
Powerhouse	Powerhouse – PG1	30.79	69.21	0	0
Viridian	Viridian Energy – VE1	1.32	0	98.68	0
	Viridian Energy – VE2	0	0	100	0

**Table 3: System Total Average Monthly Availability – November 2021**

	Monthly Availability %	Monthly Forced %	Monthly Scheduled %	Monthly Ambient %
<b>System Total Average Availability</b>	68.57	21.42	9.35	0.66

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

Unit-by-Unit 365 Day Rolling Availability – November 2021						
Company	Unit	Capacity	Annual Availability %	Annual Forced %	Annual Scheduled %	Annual Ambient %
Aughinish Alumina Ltd	Seal Rock - SK3	85	86.41	0.90	6.53	6.16
	Seal Rock - SK4	85	89.03	2.22	4.08	4.67
Bord Gáis	Whitegate - WG1	444	0.51	97.02	2.47	0.00
Dublin Waste to Energy	DWTE - DW1	61.5	87.11	12.89	0.00	0.00
ESB Energy Ireland	Aghada - AD2	431	90.05	4.20	5.46	0.29
	Aghada - AT1	90	93.02	1.87	5.11	0.00
	Aghada - AT2	90	83.57	1.49	14.94	0.00
	Aghada - AT4	90	95.70	3.58	0.71	0.01
	Ardnacrusha - AA1	21	96.96	2.85	0.19	0.00
	Ardnacrusha - AA2	22	93.68	0.41	5.91	0.00
	Ardnacrusha - AA3	19	84.22	1.33	14.45	0.00
	Ardnacrusha - AA4	24	37.03	54.61	8.36	0.00
	Erne - ER1	10	93.00	1.50	5.50	0.00
	Erne - ER2	10	94.22	1.83	3.95	0.00
	Erne - ER3	22	92.88	0.76	6.36	0.00
	Erne - ER4	22	95.96	2.76	1.28	0.00
	Lee - LE1	15	62.11	36.55	1.34	0.00
	Lee - LE2	4	69.23	16.66	14.11	0.00
	Lee - LE3	8	74.44	16.68	8.88	0.00
	Liffey - LI1	15	34.06	58.35	7.59	0.00
	Liffey - LI2	15	36.04	56.37	7.59	0.00
	Liffey - LI4	4	82.86	17.04	0.10	0.00
	Liffey - LI5	4	46.81	53.19	0.00	0.00
	Moneypoint - MP1	285	75.87	16.44	7.69	0.00
	Moneypoint - MP2	285	42.44	57.56	0.00	0.00
	Moneypoint - MP3	285	78.52	18.10	3.38	0.00
	Poolbeg - PBA	231	83.59	6.87	9.43	0.11
	Poolbeg - PBB	231	76.05	8.04	15.73	0.18
	Turlough Hill - TH1	73	96.63	0.70	2.67	0.00
	Turlough Hill - TH2	73	96.59	0.76	2.65	0.00
	Turlough Hill - TH3	73	96.98	0.35	2.67	0.00
Turlough Hill - TH4	73	96.90	0.42	2.68	0.00	
Edenderry Power Ltd	Edenderry - ED1	118	81.29	8.51	10.20	0.00
	Edenderry - ED3	58	99.85	0.02	0.13	0.00
	Edenderry - ED5	58	99.87	0.00	0.13	0.00
SSE Generation Ireland	Great Island - GI4	461	95.25	1.02	2.08	1.65
	Rhode - RP1	52	85.45	2.33	12.22	0.00
	Rhode - RP2	52	91.77	1.63	6.60	0.00
	Tarbert - TB1	54	71.92	19.82	8.26	0.00
	Tarbert - TB2	54	67.12	27.36	5.52	0.00
	Tarbert - TB3	241	68.52	23.55	7.93	0.00
	Tarbert - TB4	243	24.58	75.42	0.00	0.00
	Tawnaghmore - TP1	52	87.51	5.00	7.49	0.00
Tawnaghmore - TP3	52	87.65	4.86	7.49	0.00	
Indaver	Indaver - IW1	16	84.97	11.99	3.04	0.00
Synergen	Dublin Bay - DB1	405	69.50	6.78	23.59	0.13
Tynagh Energy Ltd	Tynagh - TYC	384	83.78	5.43	5.82	4.97
Viridian	Huntstown - HN2	400	26.12	60.59	12.70	0.59
	Huntstown - HNC	342	94.09	0.51	1.15	4.25

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

Unit-by-Unit 365 Day Rolling Availability – November 2021					
Company	Unit	Annual Availability %	Annual Forced %	Annual Scheduled %	Annual Ambient %
Activation Energy	Activation Energy 1 – AE1	14.05	80.1	5.85	0
	Activation Energy 2 – AE2	36.26	54.06	9.68	0
	Activation Energy 3 – AE3	57.24	42.71	0.05	0
	Activation Energy 4 – AE4	6.57	79.59	13.84	0
	Activation Energy 5 – AE5	4.86	95.14	0	0
	Enernoc 1-EN1	19.06	80.38	0.56	0
	Enernoc 2-EN2	5.55	94.14	0.31	0
	Enernoc3-EN3	28.58	70.01	1.41	0
	Enernoc 4-EN4	1.98	84.19	13.83	0
	Enernoc 5-EN5	14.38	83.1	2.52	0
	Enernoc 6-EN6	36.46	39.52	24.02	0
	Enernoc 8-EN8	41.45	56.9	1.65	0
	Enernoc 9-EN9	43.09	37.4	19.51	0
DAE VPP	DAE VPP – DP1	48.39	0.19	51.42	0
	DAE VPP – DP2	26.71	0	73.29	0
Electricity Exchange Ltd	Electricity Exchange – EE1	34.77	0.04	65.19	0
	Electricity Exchange – EE2	23.28	0	76.72	0
	Electricity Exchange – EE3	17.03	0	82.97	0
	Electricity Exchange – EE4	17.42	0	82.58	0
	Electricity Exchange – EE5	51.3	0.01	48.69	0
	Electricity Exchange – EE6	54.35	0	45.65	0
	Electricity Exchange – EE7	52.46	0.06	47.48	0
Electric Ireland	Electric Ireland – EI1	30.66	0	69.34	0
Endeco	Endeco 1 – EC1	36.69	0.05	63.26	0
	Endeco 2 – EC2	23.19	0.16	76.65	0
	Endeco 5 – EC5	43.58	0.05	56.37	0
Energy Trading Ireland	Energy Trading – ET1	5.56	94.44	0	0
Powerhouse	Powerhouse – PG1	23.59	76.33	0.08	0
Viridian	Viridian Energy – VE1	12.92	0	87.08	0
	Viridian Energy – VE2	0.33	0	99.67	0

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

	Annual Availability %	Annual Forced %	Annual Scheduled %	Annual Ambient %
<b>System Total Average Availability</b>	64.28	24.44	10.5	0.78

*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.*