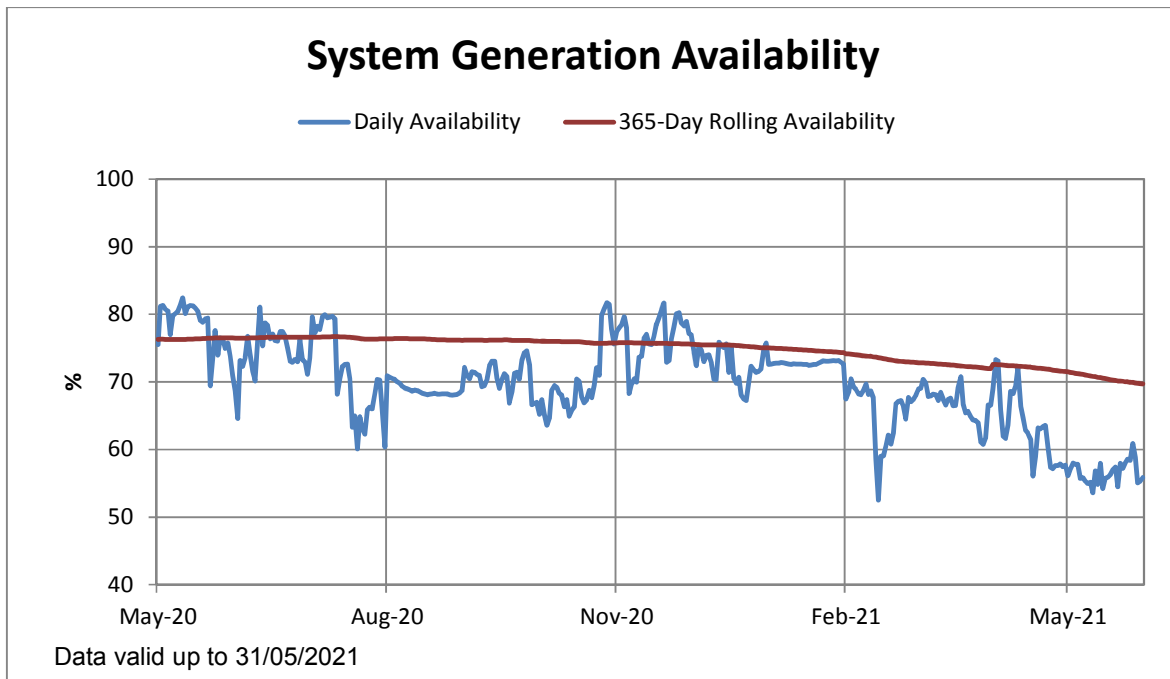


# EirGrid Monthly Availability Report – May 2021

Availability report for May 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

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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 – May 2021**

Unit-by-Unit Average Monthly Availability – May 2021						
Company	Unit	Capacity	Monthly Availability %	Monthly Forced %	Monthly Scheduled %	Monthly Ambient %
Aughinish Alumina Ltd	Seal Rock - SK3	85	84.16	4.92	8.64	2.28
	Seal Rock - SK4	85	85.62	0.00	12.57	1.81
Bord Gáis	Whitegate - WG1	444	0.00	100.00	0.00	0.00
Dublin Waste to Energy	DWTE - DW1	61.5	93.69	6.31	0.00	0.00
ESB Energy Ireland	Aghada - AD2	431	42.70	0.00	57.30	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	99.98	0.02	0.00	0.00
	Ardnacrusha - AA1	21	99.07	0.93	0.00	0.00
	Ardnacrusha - AA2	22	100.00	0.00	0.00	0.00
	Ardnacrusha - AA3	19	97.98	0.00	2.02	0.00
	Ardnacrusha - AA4	24	0.00	89.78	10.22	0.00
	Erne - ER1	10	97.63	2.37	0.00	0.00
	Erne - ER2	10	98.77	1.23	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	0.00	18.28	0.00	0.00
	Lee - LE2	4	0.00	18.28	34.98	0.00
	Lee - LE3	8	98.78	1.22	0.00	0.00
	Liffey - LI1	15	0.00	71.91	28.09	0.00
	Liffey - LI2	15	0.00	71.91	28.09	0.00
	Liffey - LI4	4	100.00	0.00	0.00	0.00
	Liffey - LI5	4	52.96	47.04	0.00	0.00
	Moneypoint - MP1	285	97.22	2.78	0.00	0.00
	Moneypoint - MP2	285	48.91	51.09	0.00	0.00
	Moneypoint - MP3	285	82.92	17.08	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	94.53	5.47	0.00	0.00
	Turlough Hill - TH1	73	99.40	0.00	0.60	0.00
	Turlough Hill - TH2	73	99.41	0.00	0.59	0.00
Turlough Hill - TH3	73	99.11	0.00	0.89	0.00	
Turlough Hill - TH4	73	99.35	0.00	0.65	0.00	
Edenderry Power Ltd	Edenderry - ED1	118	99.93	0.07	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	98.74	0.00	0.00	1.26
	Rhode - RP1	52	98.03	0.03	1.94	0.00
	Rhode - RP2	52	98.06	0.00	1.94	0.00
	Tarbert - TB1	54	43.19	34.22	22.59	0.00
	Tarbert - TB2	54	45.16	32.25	22.59	0.00
	Tarbert - TB3	241	91.35	8.65	0.00	0.00
	Tarbert - TB4	243	0.00	100.00	0.00	0.00
	Tawnaghmore - TP1	52	34.06	37.85	28.09	0.00
	Tawnaghmore - TP3	52	16.53	55.38	28.09	0.00
Indaver	Indaver - IW1	16	98.77	1.23	0.00	0.00
Synergen	Dublin Bay - DB1	405	0.00	0.00	100.00	0.00
Tynagh Energy Ltd	Tynagh - TYC	384	58.30	34.15	4.96	2.59
Viridian	Huntstown - HN2	400	0.00	100.00	0.00	0.00
	Huntstown - HNC	342	95.15	0.04	0.00	4.81

*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 – May 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	14.55	76.6	8.85	0
	Activation Energy 2 – AE2	43.06	40.96	15.98	0
	Activation Energy 3 – AE3	58.46	41.52	0.02	0
	Activation Energy 4 – AE4	0	100	0	0
	Activation Energy 5 – AE5	0	100	0	0
	Enernoc 1 - EN1	31.25	68.75	0	0
	Enernoc 2 - EN2	0	100	0	0
	Enernoc 3-EN3	58.82	41.18	0	0
	Enernoc 4-EN4	0	100	0	0
	Enernoc 5-EN5	14.31	85.69	0	0
	Enernoc 6-EN6	43.07	25.11	31.82	0
	Enernoc 8-EN8	57.27	41.59	1.14	0
Enernoc 9-EN9	20.31	49.22	30.47	0	
DAE VPP	DAE VPP – DP1	44.07	0	55.93	0
	DAE VPP – DP2	32.28	0	67.72	0
Electricity Exchange Ltd	Electricity Exchange – EE1	40.68	0	59.32	0
	Electricity Exchange – EE2	29.14	0	70.86	0
	Electricity Exchange – EE3	17.07	0	82.93	0
	Electricity Exchange – EE4	15.72	0	84.28	0
	Electricity Exchange – EE5	60.41	0	39.59	0
	Electricity Exchange – EE6	59.51	0	40.49	0
	Electricity Exchange – EE7	58.63	0	41.37	0
Electric Ireland	Electric Ireland – EI1	5.8	0	94.2	0
Endeco	Endeco 1 – EC1	37.62	0.27	62.11	0
	Endeco 2 – EC2	19.27	0	80.73	0
	Endeco 5 – EC5	44.68	0.04	55.28	0
Energy Trading Ireland	Energy Trading – ET1	6.68	93.32	0	0
Powerhouse	Powerhouse – PG1	18.93	81.07	0	0
Viridian	Viridian Energy – VE1	20.74	0	79.26	0
	Viridian Energy – VE2	0	0	100	0

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

	Monthly Availability %	Monthly Forced %	Monthly Scheduled %	Monthly Ambient %
<b>System Total Average Availability</b>	<b>56.58</b>	<b>25.19</b>	<b>17.73</b>	<b>0.5</b>

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

Unit-by-Unit 365 Day Rolling Availability – May 2021							
Company	Unit	Capacity	Annual Availability %	Annual Forced %	Annual Scheduled %	Annual Ambient %	
Aughinish Alumina Ltd	Seal Rock - SK3	85	87.73	2.76	4.51	5.00	
	Seal Rock - SK4	85	91.24	1.55	3.76	3.45	
Bord Gáis	Whitegate - WG1	444	45.85	50.69	1.94	1.52	
Dublin Waste to Energy	DWTE - DW1	61.5	88.16	6.30	5.54	0.00	
ESB Energy Ireland	Aghada - AD2	431	87.75	5.88	6.32	0.05	
	Aghada - AT1	90	95.08	3.81	1.11	0.00	
	Aghada - AT2	90	95.75	1.94	2.31	0.00	
	Aghada - AT4	90	89.37	8.41	2.22	0.00	
	Ardnacrusha - AA1	21	90.98	1.16	7.86	0.00	
	Ardnacrusha - AA2	22	99.72	0.06	0.22	0.00	
	Ardnacrusha - AA3	19	97.54	2.11	0.35	0.00	
	Ardnacrusha - AA4	24	60.44	30.75	8.81	0.00	
	Erne - ER1	10	89.59	2.90	7.51	0.00	
	Erne - ER2	10	95.07	0.40	4.53	0.00	
	Erne - ER3	22	97.62	1.05	1.33	0.00	
	Erne - ER4	22	98.44	0.29	1.27	0.00	
	Lee - LE1	15	82.61	9.18	8.21	0.00	
	Lee - LE2	4	66.55	19.65	13.80	0.00	
	Lee - LE3	8	63.36	28.90	7.74	0.00	
	Liffey - LI1	15	79.29	12.65	8.06	0.00	
	Liffey - LI2	15	84.07	7.87	8.06	0.00	
	Liffey - LI4	4	96.10	3.45	0.45	0.00	
	Liffey - LI5	4	85.17	6.39	8.44	0.00	
	Moneypoint - MP1	285	78.50	18.10	3.40	0.00	
	Moneypoint - MP2	285	46.94	53.06	0.00	0.00	
	Moneypoint - MP3	285	49.77	50.23	0.00	0.00	
	North Wall - NW5	104	0.00	0.00	100.00	0.00	
	Poolbeg - PBA	231	78.24	5.15	16.59	0.02	
	Poolbeg - PBB	231	86.65	5.83	7.51	0.01	
	Turlough Hill - TH1	73	87.89	6.32	5.79	0.00	
	Turlough Hill - TH2	73	90.40	2.92	6.68	0.00	
	Turlough Hill - TH3	73	93.31	0.45	6.24	0.00	
	Turlough Hill - TH4	73	93.33	0.45	6.22	0.00	
	Edenderry Power Ltd	Edenderry - ED1	118	83.95	3.44	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	88.68	1.46	8.71	1.15	
	Rhode - RP1	52	98.93	0.91	0.16	0.00	
	Rhode - RP2	52	88.01	11.83	0.16	0.00	
	Tarbert - TB1	54	94.37	0.97	4.66	0.00	
	Tarbert - TB2	54	89.91	5.43	4.66	0.00	
	Tarbert - TB3	241	81.56	14.70	3.74	0.00	
	Tarbert - TB4	243	63.65	32.97	3.38	0.00	
	Tawnaghmore - TP1	52	88.51	3.41	8.08	0.00	
Tawnaghmore - TP3	52	87.66	4.85	7.49	0.00		
Indaver	Indaver - IW1	16	78.91	10.12	10.97	0.00	
Synergen	Dublin Bay - DB1	405	84.94	3.50	11.49	0.07	
Tynagh Energy Ltd	Tynagh - TYC	384	80.52	6.81	8.92	3.75	
Viridian	Huntstown - HN2	400	63.30	26.51	7.60	2.59	
	Huntstown - HNC	342	79.31	0.38	16.58	3.73	

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

Unit-by-Unit 365 Day Rolling Availability – May 2021					
Company	Unit	Annual Availability %	Annual Forced %	Annual Scheduled %	Annual Ambient %
Activation Energy	Activation Energy 1 – AE1	22.83	70.94	6.23	0
	Activation Energy 2 – AE2	26.67	64.94	8.39	0
	Activation Energy 3 – AE3	55.27	44.71	0.02	0
	Activation Energy 4 – AE4	7	92.98	0.02	0
	Activation Energy 5 – AE5	32.97	67.01	0.02	0
	Enernoc 1-EN1	11.07	88.93	0	0
	Enernoc 2-EN2	12.73	87.27	0	0
	Enernoc3-EN3	22.22	77.78	0	0
	Enernoc 4-EN4	27.65	72.29	0.06	0
	Enernoc 5-EN5	20.55	79.45	0	0
	Enernoc 6-EN6	38.05	34.58	27.37	0
	Enernoc 8-EN8	33.57	64.47	1.96	0
	Enernoc 9-EN9	32.5	58.12	9.38	0
DAE VPP	DAE VPP – DP1	63.34	0.03	36.63	0
	DAE VPP – DP2	24.11	0.81	75.08	0
Electricity Exchange Ltd	Electricity Exchange – EE1	39.94	0.02	60.04	0
	Electricity Exchange – EE2	23.79	0.02	76.19	0
	Electricity Exchange – EE3	19.46	0	80.54	0
	Electricity Exchange – EE4	14.36	0	85.64	0
	Electricity Exchange – EE5	49.1	0.01	50.89	0
	Electricity Exchange – EE6	49.1	0.01	50.89	0
	Electricity Exchange – EE7	57.41	0	42.59	0
Electric Ireland	Electric Ireland – EI1	57.41	0	42.59	0
Endeco	Endeco 1 – EC1	51.16	0	48.84	0
	Endeco 2 – EC2	37.51	0.03	62.46	0
	Endeco 5 – EC5	20.96	0.21	78.83	0
Energy Trading Ireland	Energy Trading – ET1	43.37	0.02	56.61	0
Powerhouse	Powerhouse – PG1	0.42	99.58	0	0
Viridian	Viridian Energy – VE1	22.44	77.56	0	0
	Viridian Energy – VE2	14.91	0.03	85.06	0

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

	Annual Availability %	Annual Forced %	Annual Scheduled %	Annual Ambient %
<b>System Total Average Availability</b>	69.71	19.53	9.96	0.8