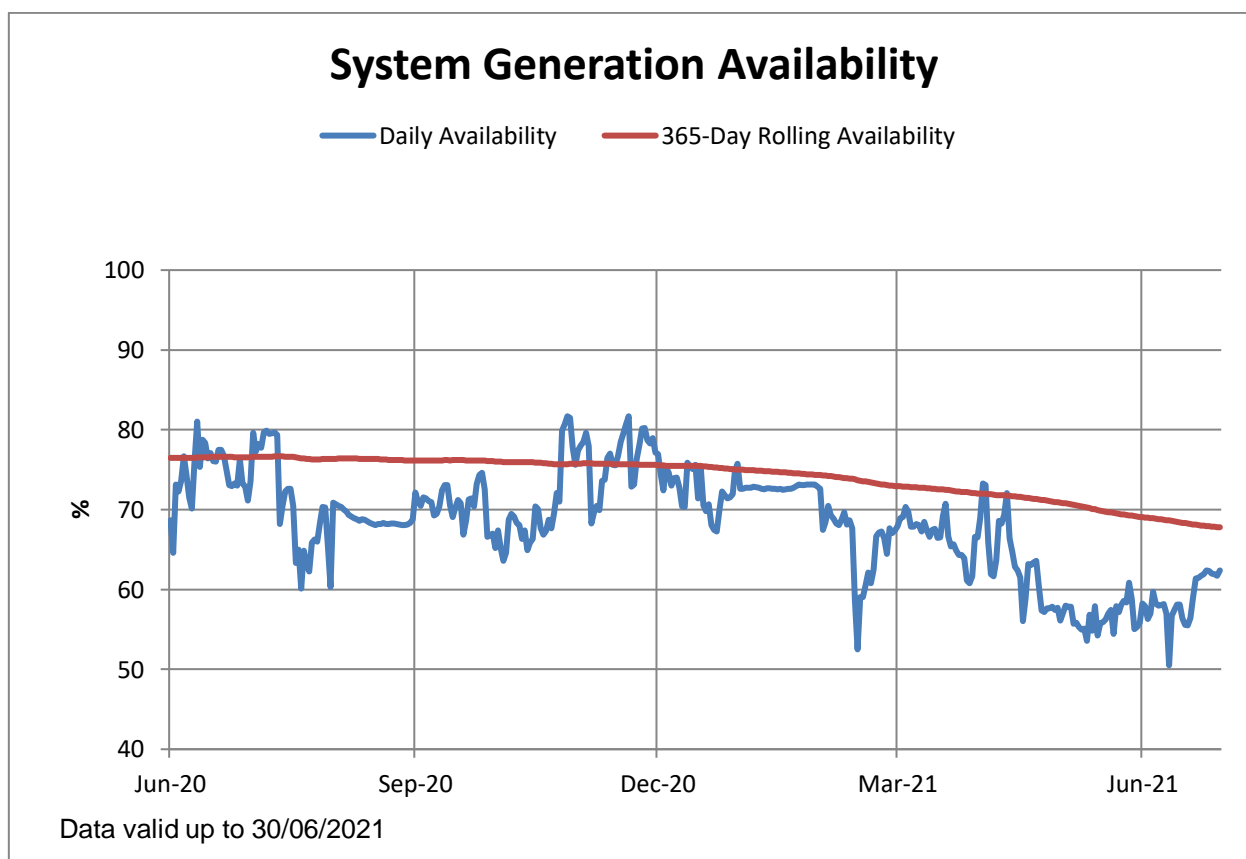


## EirGrid Monthly Availability Report – June 2021

Availability report for June 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

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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 – June 2021**

Unit-by-Unit Average Monthly Availability – June 2021							
Company	Unit	Capacity	Monthly Availability %	Monthly Forced %	Monthly Scheduled %	Monthly Ambient %	
Aughinish Alumina Ltd	Seal Rock - SK3	85	37.33	0.00	59.16	3.51	
	Seal Rock - SK4	85	93.99	0.62	0.00	5.39	
Bord Gáis	Whitegate - WG1	444	0.00	100.00	0.00	0.00	
Dublin Waste to Energy	DWTE - DW1	61.5	28.95	20.00	51.05	0.00	
ESB Energy Ireland	Aghada - AD2	431	99.78	0.00	0.01	0.21	
	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	100.00	0.00	0.00	0.00	
	Ardnacrusha - AA1	21	100.00	0.00	0.00	0.00	
	Ardnacrusha - AA2	22	25.29	3.45	71.26	0.00	
	Ardnacrusha - AA3	19	90.97	9.03	0.00	0.00	
	Ardnacrusha - AA4	24	0.00	89.78	10.22	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	44.65	0.00	55.35	0.00	
	Erne - ER4	22	100.00	0.00	0.00	0.00	
	Lee - LE1	15	0.00	100.00	0.00	0.00	
	Lee - LE2	4	0.00	100.00	34.98	0.00	
	Lee - LE3	8	44.89	0.00	55.11	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	100.00	0.00	0.00	0.00	
	Liffey - LI5	4	0.00	100.00	0.00	0.00	
	Moneypoint - MP1	285	78.17	21.83	0.00	0.00	
	Moneypoint - MP2	285	53.87	46.13	0.00	0.00	
	Moneypoint - MP3	285	86.57	12.36	1.07	0.00	
	North Wall - NW5	104	0.00	0.00	100.00	0.00	
	Poolbeg - PBA	231	99.98	0.00	0.00	0.02	
	Poolbeg - PBB	231	100.00	0.00	0.00	0.00	
	Turlough Hill - TH1	73	100.00	0.00	0.00	0.00	
	Turlough Hill - TH2	73	100.00	0.00	0.00	0.00	
	Turlough Hill - TH3	73	100.00	0.00	0.00	0.00	
	Turlough Hill - TH4	73	99.69	0.00	0.31	0.00	
	Edenderry Power Ltd	Edenderry - ED1	118	91.04	8.96	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	95.80	2.50	0.00	1.70
Rhode - RP1		52	0.00	17.00	83.00	0.00	
Rhode - RP2		52	21.11	0.61	78.28	0.00	
Tarbert - TB1		54	55.51	44.49	0.00	0.00	
Tarbert - TB2		54	56.18	43.82	0.00	0.00	
Tarbert - TB3		241	58.06	33.33	8.61	0.00	
Tarbert - TB4		243	0.00	100.00	0.00	0.00	
Tawnaghmore - TP1		52	99.65	0.35	0.00	0.00	
Tawnaghmore - TP3	52	99.62	0.38	0.00	0.00		
Indaver	Indaver - IW1	16	99.98	0.02	0.00	0.00	
Synergen	Dublin Bay - DB1	405	0.00	7.00	93.00	0.00	
Tynagh Energy Ltd	Tynagh - TYC	384	94.80	34.15	4.96	5.20	
Viridian	Huntstown - HN2	400	0.00	100.00	0.00	0.00	
	Huntstown - HNC	342	93.80	0.00	0.00	6.20	

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

Unit-by-Unit Average Monthly Availability – June 2021					
Company	Unit	Monthly Availability %	Monthly Forced %	Monthly Scheduled %	Monthly Ambient %
Activation Energy	Activation Energy 1 – AE1	14.23	80.39	5.38	0
	Activation Energy 2 – AE2	42.97	45.21	11.82	0
	Activation Energy 3 – AE3	59.57	40.39	0.04	0
	Activation Energy 4 – AE4	0	100	0	0
	Activation Energy 5 – AE5	0	100	0	0
	Enernoc 1 - EN1	30.59	69.41	0	0
	Enernoc 2 - EN2	0	100	0	0
	Enernoc 3-EN3	58.22	41.78	0	0
	Enernoc 4-EN4	0	100	0	0
	Enernoc 5-EN5	16.43	83.57	0	0
	Enernoc 6-EN6	44.48	22.22	33.3	0
	Enernoc 8-EN8	30.35	66.85	2.8	0
	Enernoc 9-EN9	24.68	0.39	74.93	0
DAE VPP	DAE VPP – DP1	39.3	0	60.7	0
	DAE VPP – DP2	35.11	0	64.89	0
Electricity Exchange Ltd	Electricity Exchange – EE1	40.8	0	59.2	0
	Electricity Exchange – EE2	30.75	0	69.25	0
	Electricity Exchange – EE3	16.72	0	83.28	0
	Electricity Exchange – EE4	20.6	0	79.4	0
	Electricity Exchange – EE5	59.59	0	40.41	0
	Electricity Exchange – EE6	44.09	0	55.91	0
	Electricity Exchange – EE7	38.83	0	61.17	0
Electric Ireland	Electric Ireland – EI1	5.91	0	94.09	0
Endeco	Endeco 1 – EC1	39.33	0	60.67	0
	Endeco 2 – EC2	19.77	0	80.23	0
	Endeco 5 – EC5	50.52	0	49.48	0
Energy Trading Ireland	Energy Trading – ET1	7.7	92.3	0	0
Powerhouse	Powerhouse – PG1	27.11	72.89	0	0
Viridian	Viridian Energy – VE1	21.55	0	78.45	0
	Viridian Energy – VE2	0	0	100	0

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

	Monthly Availability %	Monthly Forced %	Monthly Scheduled %	Monthly Ambient %
<b>System Total Average Availability</b>	<b>58.73</b>	<b>26.56</b>	<b>13.9</b>	<b>0.81</b>

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

Unit-by-Unit 365 Day Rolling Availability – June 2021						
Company	Unit	Capacity	Annual Availability %	Annual Forced %	Annual Scheduled %	Annual Ambient %
Aughinish Alumina Ltd	Seal Rock - SK3	85	83.37	2.74	9.37	4.52
	Seal Rock - SK4	85	91.33	1.59	3.76	3.32
Bord Gáis	Whitegate - WG1	444	38.46	58.36	1.94	1.24
Dublin Waste to Energy	DWTE - DW1	61.5	85.64	10.74	3.62	0.00
ESB Energy Ireland	Aghada - AD2	431	87.74	5.88	6.32	0.06
	Aghada - AT1	90	98.43	0.83	0.74	0.00
	Aghada - AT2	90	95.89	1.80	2.31	0.00
	Aghada - AT4	90	89.37	8.41	2.22	0.00
	Ardnacrusha - AA1	21	92.26	1.16	6.58	0.00
	Ardnacrusha - AA2	22	93.80	0.34	5.86	0.00
	Ardnacrusha - AA3	19	96.97	2.11	0.92	0.00
	Ardnacrusha - AA4	24	52.39	38.97	8.64	0.00
	Erne - ER1	10	92.68	2.89	4.43	0.00
	Erne - ER2	10	95.53	0.40	4.07	0.00
	Erne - ER3	22	93.52	1.05	5.43	0.00
	Erne - ER4	22	98.45	0.28	1.27	0.00
	Lee - LE1	15	74.39	17.40	8.21	0.00
	Lee - LE2	4	66.55	19.65	13.80	0.00
	Lee - LE3	8	65.02	28.90	6.08	0.00
	Liffey - LI1	15	71.07	20.87	8.06	0.00
	Liffey - LI2	15	75.85	16.09	8.06	0.00
	Liffey - LI4	4	96.48	3.07	0.45	0.00
	Liffey - LI5	4	76.95	14.61	8.44	0.00
	Moneypoint - MP1	285	77.76	18.84	3.40	0.00
	Moneypoint - MP2	285	43.74	56.26	0.00	0.00
	Moneypoint - MP3	285	56.88	43.03	0.09	0.00
	North Wall - NW5	104	0.00	0.00	100.00	0.00
	Poolbeg - PBA	231	78.62	5.15	16.21	0.02
Poolbeg - PBB	231	87.93	5.83	6.23	0.01	
Turlough Hill - TH1	73	90.79	3.42	5.79	0.00	
Turlough Hill - TH2	73	90.62	2.74	6.64	0.00	
Turlough Hill - TH3	73	94.04	0.45	5.51	0.00	
Turlough Hill - TH4	73	94.03	0.45	5.52	0.00	
Edenderry Power Ltd	Edenderry - ED1	118	83.21	4.18	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	88.56	1.64	8.71	1.09
	Rhode - RP1	52	90.72	0.90	8.38	0.00
	Rhode - RP2	52	81.53	11.87	6.60	0.00
	Tarbert - TB1	54	90.71	1.03	8.26	0.00
	Tarbert - TB2	54	86.31	5.43	8.26	0.00
	Tarbert - TB3	241	80.75	17.26	1.99	0.00
	Tarbert - TB4	243	58.89	37.73	3.38	0.00
	Tawnaghmore - TP1	52	88.48	3.44	8.08	0.00
Tawnaghmore - TP3	52	87.63	4.88	7.49	0.00	
Indaver	Indaver - IW1	16	79.84	9.19	10.97	0.00
Synergen	Dublin Bay - DB1	405	77.70	2.55	19.70	0.05
Tynagh Energy Ltd	Tynagh - TYC	384	82.82	4.37	8.92	3.89
Viridian	Huntstown - HN2	400	55.58	34.62	7.60	2.20
	Huntstown - HNC	342	79.34	0.38	16.58	3.70

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

Unit-by-Unit 365 Day Rolling Availability – June 2021					
Company	Unit	Annual Availability %	Annual Forced %	Annual Scheduled %	Annual Ambient %
Activation Energy	Activation Energy 1 – AE1	21.32	72.11	6.57	0
	Activation Energy 2 – AE2	28.52	62.42	9.06	0
	Activation Energy 3 – AE3	56.19	43.79	0.02	0
	Activation Energy 4 – AE4	7	92.98	0.02	0
	Activation Energy 5 – AE5	28.35	71.64	0.01	0
	Enernoc 1-EN1	13.58	86.42	0	0
	Enernoc 2-EN2	12.73	87.27	0	0
	Enernoc3-EN3	26.57	73.43	0	0
	Enernoc 4-EN4	27.2	72.74	0.06	0
	Enernoc 5-EN5	19.75	80.25	0	0
	Enernoc 6-EN6	39.02	33.65	27.33	0
	Enernoc 8-EN8	33.31	64.66	2.03	0
	Enernoc 9-EN9	31.91	53.71	14.38	0
DAE VPP	DAE VPP – DP1	60.71	0.03	39.26	0
	DAE VPP – DP2	26.94	0.81	72.25	0
Electricity Exchange Ltd	Electricity Exchange – EE1	39.28	0.01	60.71	0
	Electricity Exchange – EE2	23.88	0.02	76.1	0
	Electricity Exchange – EE3	19.08	0	80.92	0
	Electricity Exchange – EE4	15.92	0	84.08	0
	Electricity Exchange – EE5	48.93	0.01	51.06	0
	Electricity Exchange – EE6	48.93	0.01	51.06	0
	Electricity Exchange – EE7	55.41	0	44.59	0
Electric Ireland	Electric Ireland – EI1	55.41	0	44.59	0
Endeco	Endeco 1 – EC1	48.47	0	51.53	0
	Endeco 2 – EC2	37.5	0.03	62.47	0
	Endeco 5 – EC5	21.67	0.21	78.12	0
Energy Trading Ireland	Energy Trading – ET1	44.52	0.02	55.46	0
Powerhouse	Powerhouse – PG1	0.77	99.23	0	0
Viridian	Viridian Energy – VE1	22.46	77.54	0	0
	Viridian Energy – VE2	14.52	0.04	85.44	0

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

	Annual Availability %	Annual Forced %	Annual Scheduled %	Annual Ambient %
<b>System Total Average Availability</b>	<b>68.44</b>	<b>20.23</b>	<b>10.58</b>	<b>0.75</b>

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