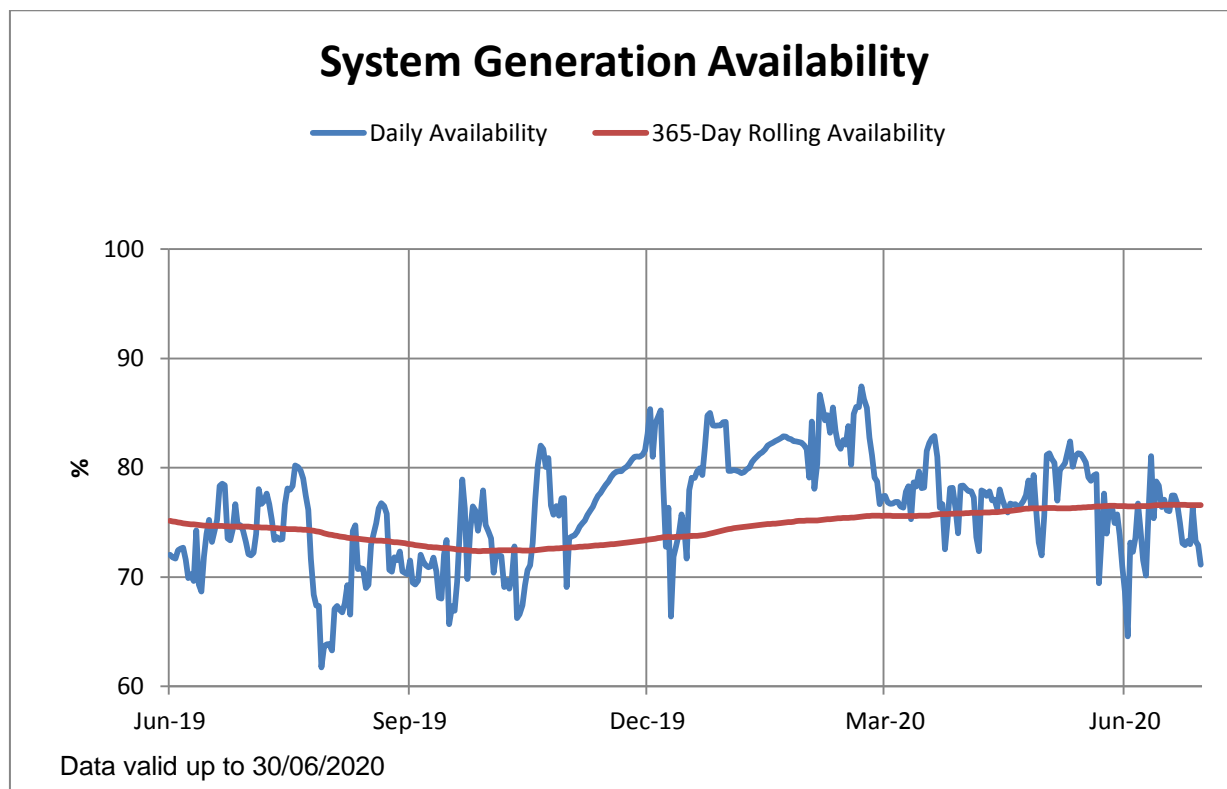


## EirGrid Monthly Availability Report – June 2020

Availability report for June 2020<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 2020**

Unit-by-Unit Average Monthly Availability – June 2020						
Company	Unit	Capacity	Monthly Availability %	Monthly Forced %	Monthly Scheduled %	Monthly Ambient %
Aughinish Alumina Ltd	Seal Rock - SK3	85	90.36	0.26	0.00	9.38
	Seal Rock - SK4	85	92.92	0.16	0.00	6.92
Bord Gáis	Whitegate - WG1	444	89.90	6.62	0.00	3.48
Dublin Waste to Energy	DWTE - DW1	61.5	59.49	17.07	23.44	0.00
ESB Energy Ireland	Aghada - AD2	431	100.00	0.00	0.00	0.00
	Aghada - AT1	90	59.16	36.33	4.51	0.00
	Aghada - AT2	90	98.31	1.69	0.00	0.00
	Aghada - AT4	90	100.00	0.00	0.00	0.00
	Ardnacrusha - AA1	21	84.40	0.00	15.60	0.00
	Ardnacrusha - AA2	22	97.35	0.00	2.65	0.00
	Ardnacrusha - AA3	19	97.91	0.00	2.09	0.00
	Ardnacrusha - AA4	24	97.88	0.03	2.09	0.00
	Erne - ER1	10	62.50	0.03	37.47	0.00
	Erne - ER2	10	94.51	0.00	5.49	0.00
	Erne - ER3	22	94.58	0.00	5.42	0.00
	Erne - ER4	22	99.91	0.09	0.00	0.00
	Lee - LE1	15	100.00	0.00	0.00	0.00
	Lee - LE2	4	0.00	100.00	0.00	0.00
	Lee - LE3	8	24.76	0.00	75.24	0.00
	Liffey - LI1	15	100.00	0.00	0.00	0.00
	Liffey - LI2	15	100.00	0.00	0.00	0.00
	Liffey - LI4	4	95.29	4.71	0.00	0.00
	Liffey - LI5	4	100.00	0.00	0.00	0.00
	Lough Ree - LR4	91	0.00	100.00	0.00	0.00
	Moneypoint - MP1	285	87.10	12.90	0.00	0.00
	Moneypoint - MP2	285	92.86	7.14	0.00	0.00
	Moneypoint - MP3	285	0.00	100.00	0.00	0.00
	North Wall - NW5	104	0.00	0.00	100.00	0.00
	Poolbeg - PBA	231	95.40	0.00	4.60	0.00
	Poolbeg - PBB	231	84.37	0.00	15.63	0.00
	Turlough Hill - TH1	73	64.72	35.28	0.00	0.00
	Turlough Hill - TH2	73	97.35	2.24	0.41	0.00
	Turlough Hill - TH3	73	91.11	0.00	8.89	0.00
	Turlough Hill - TH4	73	91.11	0.00	8.89	0.00
	West Offaly - WO4	137	0.00	100.00	0.00	0.00
Edenderry Power Ltd	Edenderry - ED1	118	99.98	0.02	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	97.14	0.39	0.00	2.47
	Rhode - RP1	52	99.89	0.11	0.00	0.00
	Rhode - RP2	52	99.91	0.09	0.00	0.00
	Tarbert - TB1	54	100.00	0.00	0.00	0.00
	Tarbert - TB2	54	100.00	0.00	0.00	0.00
	Tarbert - TB3	241	67.89	1.00	31.11	0.00
	Tarbert - TB4	243	57.96	42.04	0.00	0.00
	Tawnaghmore - TP1	52	100.00	0.00	0.00	0.00
Tawnaghmore - TP3	52	100.00	0.00	0.00	0.00	
Indaver	Indaver - IW1	16	88.69	11.31	0.00	0.00
Synergen	Dublin Bay - DB1	405	88.36	11.45	0.00	0.19
Tynagh Energy Ltd	Tynagh - TYC	384	66.84	29.64	0.00	3.52
Viridian	Huntstown - HN2	400	93.95	1.27	0.00	4.78
	Huntstown - HNC	342	93.28	0.04	0.00	6.68

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**Table 2: Unit-by-Unit Average Monthly Availability Demand Side Units – June 2020**

Unit-by-Unit Average Monthly Availability – June 2020					
Company	Unit	Monthly Availability %	Monthly Forced %	Monthly Scheduled %	Monthly Ambient %
Activation Energy	Activation Energy 1 – AE1	32.69	65.97	1.34	0
	Activation Energy 2 – AE2	20.56	75.82	3.62	0
	Activation Energy 3 – AE3	48.42	51.58	0	0
	Activation Energy 4 – AE4	0	100	0	0
	Activation Energy 5 – AE5	56.12	43.67	0.21	0
	Enernoc 1 - EN1	0	100	0	0
	Enernoc 2 - EN2	0	100	0	0
	Enernoc 3-EN3	5.31	94.69	0	0
	Enernoc 4-EN4	5.53	94.47	0	0
	Enernoc 5-EN5	26.14	73.86	0	0
	Enernoc 6-EN6	32.66	34.12	33.22	0
DAE VPP	DAE VPP – DP1	71.24	0	28.76	0
	DAE VPP – DP2	0	0	100	0
Electricity Exchange Ltd	Electricity Exchange – EE1	50.83	0.09	49.08	0
	Electricity Exchange – EE2	29.46	0	70.54	0
	Electricity Exchange – EE3	21.3	0	78.7	0
	Electricity Exchange – EE4	0	0	100	0
	Electricity Exchange – EE5	70.24	0.05	29.71	0
	Electricity Exchange – EE6	69.02	0.01	30.97	0
Electric Ireland	Electric Ireland – EI1	42.22	0	57.78	0
Endeco	Endeco 1 – EC1	39.51	0	60.49	0
	Endeco 2 – EC2	11.14	0	88.86	0
	Endeco 5 – EC5	36.01	0	63.99	0
Energy Trading Ireland	Energy Trading – ET1	0	0	0	0
Powerhouse	Powerhouse – PG1	26.81	73.19	0	0
Viridian	Viridian Energy – VE1	21.02	0	78.98	0
	Viridian Energy – VE2	0	0	100	0

**Table 3: System Total Average Monthly Availability – June 2020**

	Monthly Availability %	Monthly Forced %	Monthly Scheduled %	Monthly Ambient %
<b>System Total Average Availability</b>	<b>74.41</b>	<b>17.75</b>	<b>6.5</b>	<b>1.34</b>

Table 4: Unit-by-Unit 365 Day Rolling Availability Conventional Units – June 2019 to June 2020

Unit-by-Unit 365 Day Rolling Availability – June 2020						
Company	Unit	Capacity	Monthly Availability %	Monthly Forced %	Monthly Scheduled %	Monthly Ambient %
Aughinish Alumina Ltd	Seal Rock - SK3	85	90.26	1.22	2.24	6.28
	Seal Rock - SK4	85	89.23	1.82	4.68	4.27
Bord Gáis	Whitegate - WG1	444	88.08	5.29	4.52	2.11
Dublin Waste to Energy	DWTE - DW1	61.5	88.68	7.74	3.58	0.00
ESB Energy Ireland	Aghada - AD2	431	73.44	6.17	20.00	0.39
	Aghada - AT1	90	95.02	3.35	1.63	0.00
	Aghada - AT2	90	98.88	0.34	0.78	0.00
	Aghada - AT4	90	98.62	1.12	0.26	0.00
	Ardnacrusha - AA1	21	98.38	0.03	1.59	0.00
	Ardnacrusha - AA2	22	93.49	0.05	6.46	0.00
	Ardnacrusha - AA3	19	97.09	1.47	1.44	0.00
	Ardnacrusha - AA4	24	75.47	19.98	4.55	0.00
	Erne - ER1	10	92.01	2.33	5.66	0.00
	Erne - ER2	10	92.91	4.94	2.15	0.00
	Erne - ER3	22	99.15	0.38	0.47	0.00
	Erne - ER4	22	98.39	0.42	1.19	0.00
	Lee - LE1	15	95.74	0.27	3.99	0.00
	Lee - LE2	4	74.05	21.98	3.97	0.00
	Lee - LE3	8	93.54	0.20	6.26	0.00
	Liffey - LI1	15	100.00	0.00	0.00	0.00
	Liffey - LI2	15	94.77	5.21	0.02	0.00
	Liffey - LI4	4	92.75	7.24	0.01	0.00
	Liffey - LI5	4	99.86	0.10	0.04	0.00
	Lough Ree - LR4	91	49.11	49.27	1.62	0.00
	Moneypoint - MP1	285	74.78	25.22	0.00	0.00
	Moneypoint - MP2	285	65.52	24.12	10.36	0.00
	Moneypoint - MP3	285	21.73	78.27	0.00	0.00
	North Wall - NW5	104	24.34	0.43	75.07	0.16
	Poolbeg - PBA	231	81.56	5.19	13.25	0.00
	Poolbeg - PBB	231	89.04	5.26	5.70	0.00
	Turlough Hill - TH1	73	93.81	5.62	0.57	0.00
	Turlough Hill - TH2	73	95.25	4.24	0.51	0.00
	Turlough Hill - TH3	73	97.93	0.62	1.45	0.00
	Turlough Hill - TH4	73	98.73	0.19	1.08	0.00
West Offaly - WO4	137	72.01	27.99	0.00	0.00	
Edenderry Power Ltd	Edenderry - ED1	118	87.43	1.90	10.67	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	94.87	3.83	0.00	1.30
	Rhode - RP1	52	93.37	6.63	0.00	0.00
	Rhode - RP2	52	93.57	4.46	1.97	0.00
	Tarbert - TB1	54	98.78	1.22	0.00	0.00
	Tarbert - TB2	54	97.88	2.12	0.00	0.00
	Tarbert - TB3	241	82.83	14.61	2.56	0.00
	Tarbert - TB4	243	90.17	7.64	2.19	0.00
	Tawnaghmore - TP1	52	99.97	0.03	0.00	0.00
Tawnaghmore - TP3	52	99.88	0.12	0.00	0.00	
Indaver	Indaver - IW1	16	91.68	8.32	0.00	0.00
Synergen	Dublin Bay - DB1	405	96.63	1.85	1.12	0.40
Tynagh Energy Ltd	Tynagh - TYC	384	79.54	6.49	10.71	3.26
Viridian	Huntstown - HN2	400	94.96	1.75	0.01	3.28
	Huntstown - HNC	342	83.45	7.10	5.58	3.87

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 5: Unit-by-Unit 365 Day Rolling Availability Demand Side Units – June 2019 to June 2020**

Unit-by-Unit 365 Day Rolling Availability – June 2020					
Company	Unit	Monthly Availability %	Monthly Forced %	Monthly Scheduled %	Monthly Ambient %
Activation Energy	Activation Energy 1 – AE1	24.36	69.72	5.92	0
	Activation Energy 2 – AE2	17.18	74.07	8.75	0
	Activation Energy 3 – AE3	43.39	56.6	0.01	0
	Activation Energy 4 – AE4	53.47	46.5	0.03	0
	Activation Energy 5 – AE5	54.89	45.09	0.02	0
	Enernoc 1 - EN1	43.95	56.05	0	0
	Enernoc 2 - EN2	15.52	84.48	0	0
	Enernoc 3-EN3	36.64	61.4	1.96	0
	Enernoc 4-EN4	36.87	63.12	0.01	0
	Enernoc 5-EN5	39.52	57.34	3.14	0
	Enernoc 6-EN6	51.68	37.29	11.03	0
DAE VPP	DAE VPP – DP1	61.25	0.02	38.73	0
	DAE VPP – DP2	3.46	0	96.54	0
Electricity Exchange Ltd	Electricity Exchange – EE1	51.76	0.02	48.22	0
	Electricity Exchange – EE2	28.59	0	71.41	0
	Electricity Exchange – EE3	25.13	0	74.87	0
	Electricity Exchange – EE4	15.13	0.01	84.86	0
	Electricity Exchange – EE5	65.86	0.02	34.12	0
	Electricity Exchange – EE6	48.51	0.01	51.48	0
Electric Ireland	Electric Ireland – EI1	60.04	0.2	39.76	0
Endeco	Endeco 1 – EC1	44.38	0.06	55.56	0
	Endeco 2 – EC2	11.42	0	88.58	0
	Endeco 5 – EC5	47.77	0.09	52.14	0
Energy Trading Ireland	Energy Trading – ET1	50.03	49.97	0	0
Powerhouse	Powerhouse – PG1	35.95	64.05	0	0
Viridian	Viridian Energy – VE1	28.4	0	71.6	0
	Viridian Energy – VE2	12.7	0	87.3	0

**Table 6: 365 Day Rolling System Total Average Availability – June 2019 to June 2020**

	Yearly Availability %	Yearly Forced %	Yearly Scheduled %	Yearly Ambient %
<b>System Total Average Availability</b>	<b>77.49</b>	<b>13.93</b>	<b>7.66</b>	<b>0.92</b>