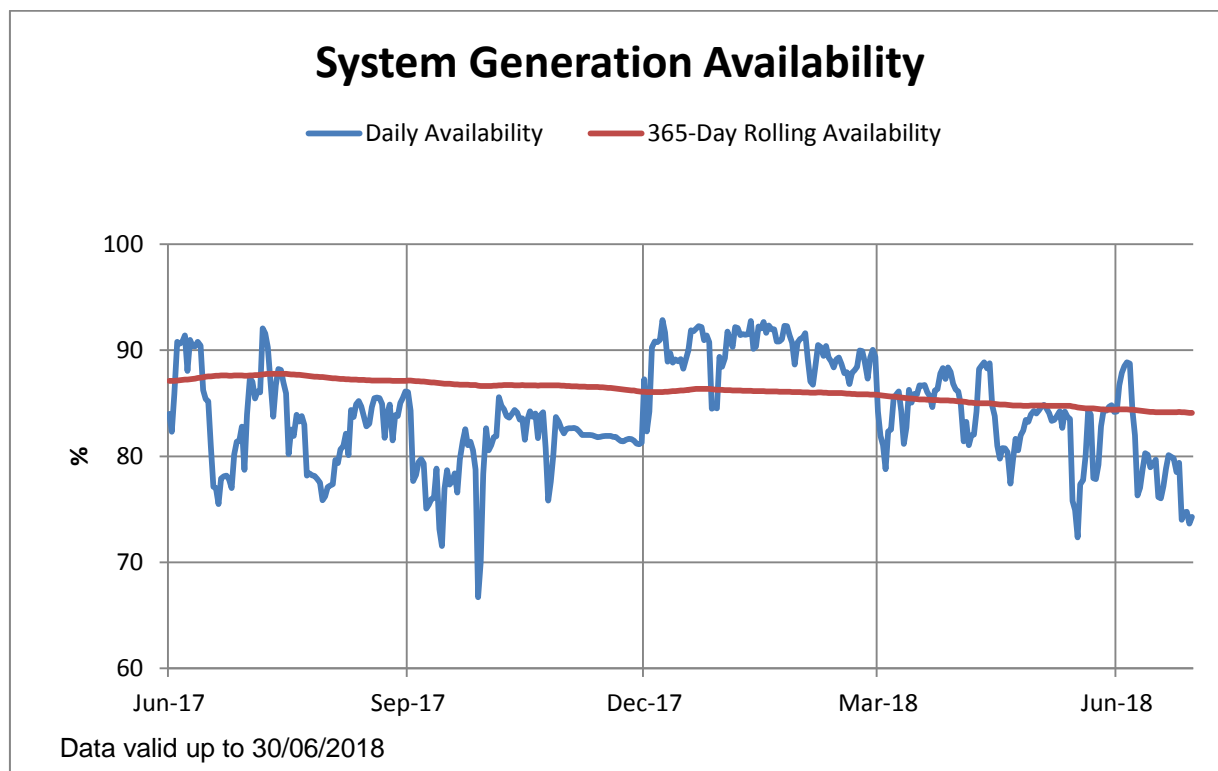


## EirGrid Monthly Availability Report – June 2018

Availability report for June 2018<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. Units added in September are not included in these statistics

**Table 1: Unit-by-Unit Average Monthly Availability Conventional Units – June 2018**

Unit-by-Unit Average Monthly Availability – June 2018						
Company	Unit	Capacity	Monthly Availability %	Monthly Forced %	Monthly Scheduled %	Monthly Ambient %
<b>Aughinish Alumina Ltd</b>	Seal Rock - SK3	85	80.11	13.70	0.00	6.19
	Seal Rock - SK4	85	92.38	0.00	0.00	7.62
<b>Bord Gáis</b>	Whitegate - WG1	444	96.94	0.77	0.09	2.20
<b>Dublin Waste to Energy</b>	DWTE - DW1	61.5	83.78	15.32	0.90	0.00
<b>ESB Energy Ireland</b>	Aghada - AD1	258	100.00	0.00	0.00	0.00
	Aghada - AD2	431	91.51	0.18	6.17	2.14
	Aghada - AT1	90	99.96	0.00	0.00	0.04
	Aghada - AT2	90	99.96	0.00	0.00	0.04
	Aghada - AT4	90	99.96	0.00	0.00	0.04
	Ardnacrusha - AA1	21	22.86	0.00	77.14	0.00
	Ardnacrusha - AA2	22	22.85	1.38	75.77	0.00
	Ardnacrusha - AA3	19	21.95	1.28	76.77	0.00
	Ardnacrusha - AA4	24	27.22	8.73	64.05	0.00
	Erne - ER1	10	79.39	5.90	14.71	0.00
	Erne - ER2	10	55.42	0.00	44.58	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	100.00	0.00	0.00	0.00
	Lee - LE2	4	100.00	0.00	0.00	0.00
	Lee - LE3	8	25.50	0.00	74.50	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	100.00	0.00	0.00	0.00
	Liffey - LI5	4	100.00	0.00	0.00	0.00
	Lough Ree - LR4	91	93.81	6.19	0.00	0.00
	Marina - MRC	123	94.84	0.57	4.15	0.44
	Moneypoint - MP1	285	85.34	0.51	14.15	0.00
	Moneypoint - MP2	285	99.59	0.41	0.00	0.00
	Moneypoint - MP3	285	0.00	0.00	100.00	0.00
	North Wall - NW5	104	79.03	20.68	0.00	0.29
	Poolbeg - PBA	231	52.78	0.00	47.22	0.00
	Poolbeg - PBB	231	83.13	0.00	16.87	0.00
	Turlough Hill - TH1	73	66.11	12.64	21.25	0.00
	Turlough Hill - TH2	73	71.66	28.34	0.00	0.00
	Turlough Hill - TH3	73	72.47	5.86	21.67	0.00
	Turlough Hill - TH4	73	80.04	2.56	17.40	0.00
	West Offaly - WO4	137	80.41	12.16	7.43	0.00
<b>Edenderry Power Ltd</b>	Edenderry - ED1	118	24.54	0.01	75.45	0.00
	Edenderry - ED3	58	100.00	0.00	0.00	0.00
	Edenderry - ED5	58	100.00	0.00	0.00	0.00
<b>SSE Generation Ireland</b>	Great Island - GI4	461	97.87	0.00	0.00	2.13
	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	96.30	3.70	0.00	0.00
	Tarbert - TB2	54	96.75	3.25	0.00	0.00
	Tarbert - TB3	241	99.55	0.00	0.45	0.00
	Tarbert - TB4	243	38.17	16.83	45.00	0.00
	Tawnaghmore - TP1	52	100.00	0.00	0.00	0.00
Tawnaghmore - TP3	52	100.00	0.00	0.00	0.00	
<b>Indaver</b>	Indaver - IW1	16	99.68	0.32	0.00	0.00
<b>Synergen</b>	Dublin Bay - DB1	405	99.56	0.06	0.35	0.03
<b>Tynagh Energy Ltd</b>	Tynagh - TYC	384	92.88	0.42	0.00	6.70
<b>Viridian</b>	Huntstown - HN2	400	92.26	1.67	0.02	6.05
	Huntstown - HNC	342	90.05	0.31	4.33	5.31

**Table 2: Unit-by-Unit Average Monthly Availability Demand Side Units – June 2018**

Unit-by-Unit Average Monthly Availability – June 2018					
Company	Unit	Monthly Availability %	Monthly Forced %	Monthly Scheduled %	Monthly Ambient %
<b>Activation Energy</b>	Activation Energy 1 – AE1	32.07	53.66	14.27	0.00
	Activation Energy 2 – AE2	46.72	51.55	1.73	0.00
	Activation Energy 3 – AE3	37.67	60.73	1.60	0.00
	Activation Energy 4 – AE4	0.00	100.00	0.00	0.00
	Activation Energy 5 – AE5	56.25	0.00	43.75	0.00
<b>DAE VPP</b>	DAE VPP – DP1	83.55	0.00	16.45	0.00
	DAE VPP – DP2	22.50	0.00	77.50	0.00
<b>Electricity Exchange Ltd</b>	Electricity Exchange – EE1	61.09	0.00	38.91	0.00
	Electricity Exchange – EE2	57.49	0.00	42.51	0.00
	Electricity Exchange – EE3	38.70	0.00	61.30	0.00
	Electricity Exchange – EE4	72.49	0.00	27.51	0.00
	Electricity Exchange – EE5	58.97	0.00	41.03	0.00
<b>Electric Ireland</b>	Electric Ireland – EI1	50.75	0.00	49.25	0.00
<b>Endeco</b>	Endeco 1 – EC1	51.35	0.00	48.65	0.00
	Endeco 2 – EC2	20.35	0.00	79.65	0.00
	Endeco 5 – EC5	52.53	0.00	47.47	0.00
<b>Energy Trading Ireland</b>	Energy Trading – ET1	76.05	23.95	0.00	0.00
<b>Powerhouse</b>	Powerhouse – PG1	71.24	28.76	0.00	0.00
<b>Viridian</b>	Viridian Energy – VE1	52.61	0.00	47.39	0.00
	Viridian Energy – VE2	59.77	0.00	40.23	0.00

**Table 3: System Total Average Monthly Availability – June 2018**

	Monthly Availability %	Monthly Forced %	Monthly Scheduled %	Monthly Ambient %
<b>System Total Average Availability</b>	79.97	5.53	13.03	1.47

Table 4: Unit-by-Unit 365 Day Rolling Availability Conventional Units – June 2017 to June 2018

Unit-by-Unit 365 Day Rolling Availability – June 2018						
Company	Unit	Capacity	Monthly Availability %	Monthly Forced %	Monthly Scheduled %	Monthly Ambient %
<b>Aughinish Alumina Ltd</b>	Seal Rock - SK3	85	83.23	1.71	9.89	5.17
	Seal Rock - SK4	85	90.95	1.71	2.55	4.79
<b>Bord Gáis</b>	Whitegate - WG1	444	66.40	11.35	20.80	1.45
<b>Dublin Waste to Energy</b>	DWTE - DW1	61.5	72.35	9.40	18.25	0.00
<b>ESB Energy Ireland</b>	Aghada - AD1	258	98.86	0.11	1.03	0.00
	Aghada - AD2	431	91.81	0.58	6.91	0.70
	Aghada - AT1	90	98.03	0.43	1.54	0.00
	Aghada - AT2	90	97.96	0.47	1.57	0.00
	Aghada - AT4	90	99.64	0.29	0.07	0.00
	Ardnacrusa - AA1	21	68.61	1.46	29.93	0.00
	Ardnacrusa - AA2	22	80.32	1.19	18.49	0.00
	Ardnacrusa - AA3	19	72.05	3.01	24.94	0.00
	Ardnacrusa - AA4	24	42.01	46.30	11.69	0.00
	Erne - ER1	10	93.50	4.03	2.47	0.00
	Erne - ER2	10	90.39	4.46	5.15	0.00
	Erne - ER3	22	97.36	1.47	1.17	0.00
	Erne - ER4	22	99.45	0.46	0.09	0.00
	Lee - LE1	15	97.82	0.84	1.34	0.00
	Lee - LE2	4	73.18	26.34	0.48	0.00
	Lee - LE3	8	90.32	3.47	6.21	0.00
	Liffey - LI1	15	98.58	0.06	1.36	0.00
	Liffey - LI2	15	98.64	0.00	1.36	0.00
	Liffey - LI4	4	90.07	9.93	0.00	0.00
	Liffey - LI5	4	99.95	0.05	0.00	0.00
	Lough Ree - LR4	91	72.35	8.96	18.69	0.00
	Marina - MRC	123	95.40	2.71	1.23	0.66
	Moneypoint - MP1	285	95.90	2.94	1.16	0.00
	Moneypoint - MP2	285	94.06	4.29	1.65	0.00
	Moneypoint - MP3	285	70.63	4.52	24.85	0.00
	North Wall - NW5	104	92.86	6.93	0.19	0.02
	Poolbeg - PBA	231	48.30	47.61	4.09	0.00
	Poolbeg - PBB	231	80.01	15.95	4.04	0.00
	Turlough Hill - TH1	73	68.01	22.58	9.41	0.00
	Turlough Hill - TH2	73	68.86	18.08	13.06	0.00
	Turlough Hill - TH3	73	68.71	21.98	9.31	0.00
	Turlough Hill - TH4	73	69.19	21.86	8.95	0.00
West Offaly - WO4	137	83.64	12.94	3.42	0.00	
<b>Edenderry Power Ltd</b>	Edenderry - ED1	118	87.97	2.83	9.20	0.00
	Edenderry - ED3	58	99.80	0.00	0.20	0.00
	Edenderry - ED5	58	99.61	0.39	0.00	0.00
<b>SSE Generation Ireland</b>	Great Island - GI4	461	96.64	1.32	0.95	1.09
	Rhode - RP1	52	96.23	2.56	1.21	0.00
	Rhode - RP2	52	97.07	1.80	1.13	0.00
	Tarbert - TB1	54	99.63	0.37	0.00	0.00
	Tarbert - TB2	54	98.72	1.28	0.00	0.00
	Tarbert - TB3	241	99.87	0.09	0.04	0.00
	Tarbert - TB4	243	94.40	1.60	4.00	0.00
	Tawnaghmore - TP1	52	99.08	0.92	0.00	0.00
Tawnaghmore - TP3	52	99.81	0.19	0.00	0.00	
<b>Indaver</b>	Indaver - IW1	16	87.26	8.23	4.51	0.00
<b>Synergen</b>	Dublin Bay - DB1	405	88.21	8.52	3.18	0.09
<b>Tynagh Energy Ltd</b>	Tynagh - TYC	384	96.04	0.71	0.00	3.25
<b>Viridian</b>	Huntstown - HN2	400	94.24	2.00	0.09	3.67
	Huntstown - HNC	342	90.86	0.34	5.06	3.74

**Table 5: Unit-by-Unit 365 Day Rolling Availability Demand Side Units – June 2017 to June 2018**

Unit-by-Unit 365 Day Rolling Availability – June 2018					
Company	Unit	Monthly Availability %	Monthly Forced %	Monthly Scheduled %	Monthly Ambient %
<b>Activation Energy</b>	Activation Energy 1 – AE1	33.45	53.94	12.61	0.00
	Activation Energy 2 – AE2	35.54	63.75	0.71	0.00
	Activation Energy 3 – AE3	64.52	30.08	5.40	0.00
	Activation Energy 4 – AE4	0.00	100.00	0.00	0.00
	Activation Energy 5 – AE5	55.87	7.59	36.54	0.00
<b>DAE VPP</b>	DAE VPP – DP1	76.29	0.00	23.71	0.00
	DAE VPP – DP2	41.70	0.00	58.30	0.00
<b>Electricity Exchange Ltd</b>	Electricity Exchange – EE1	55.41	11.02	33.57	0.00
	Electricity Exchange – EE2	69.00	10.46	20.54	0.00
	Electricity Exchange – EE3	40.94	21.72	37.34	0.00
	Electricity Exchange – EE4	58.78	12.62	28.60	0.00
	Electricity Exchange – EE5	50.21	17.92	31.87	0.00
<b>Electric Ireland</b>	Electric Ireland – EI1	80.91	1.30	17.79	0.00
<b>Endeco</b>	Endeco 1 – EC1	62.39	0.02	37.59	0.00
	Endeco 2 – EC2	49.51	0.21	50.28	0.00
	Endeco 5 – EC5	33.69	39.46	26.85	0.00
<b>Energy Trading Ireland</b>	Energy Trading – ET1	74.08	25.92	0.00	0.00
<b>Powerhouse</b>	Powerhouse – PG1	77.88	22.12	0.00	0.00
<b>Viridian</b>	Viridian Energy – VE1	59.31	0.00	40.69	0.00
	Viridian Energy – VE2	44.76	4.99	50.25	0.00

**Table 6: 365 Day Rolling System Total Average Availability – June 2017 to June 2018**

	Yearly Availability %	Yearly Forced %	Yearly Scheduled %	Yearly Ambient %
<b>System Total Average Availability</b>	83.89	9.05	6.2	0.86