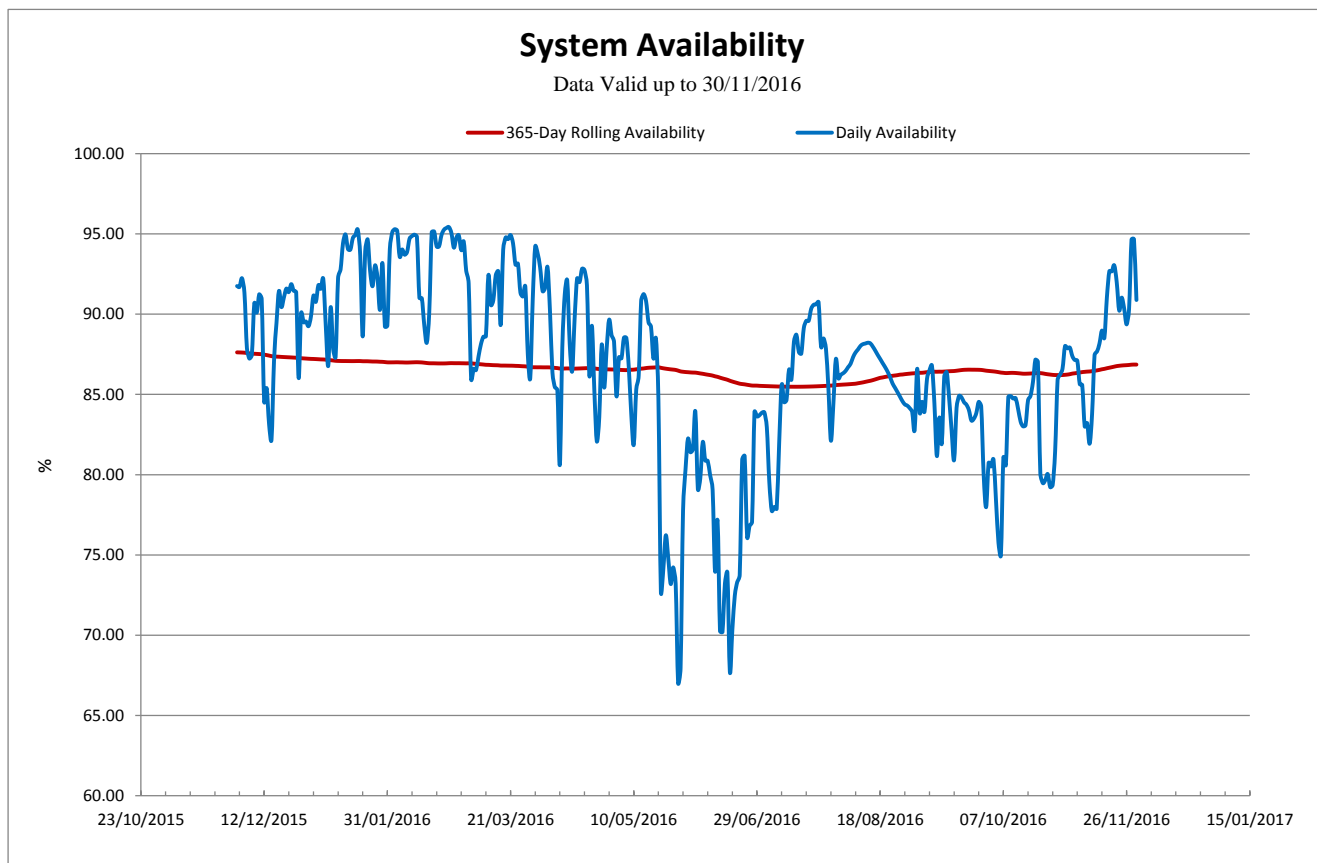


## EirGrid Monthly Availability Report – November 2016

Availability report for November 2016<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: [PSOP@eirgrid.com](mailto:PSOP@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 2016

Unit-by-Unit Average Monthly Availability – November 2016						
Company	Unit	Capacity	Monthly Availability %	Monthly Forced %	Monthly Scheduled %	Monthly Ambient %
Aughinish Alumina Ltd	Seal Rock - SK3	85	94.58	2.45	0	2.97
	Seal Rock - SK4	85	92.77	0	4.94	2.29
Bord Gáis	Whitegate – WG1	444	97.96	1.88	0	0.16
Edenderry Power Ltd	Edenderry – ED1	118	94.07	0.36	5.57	0
	Edenderry – ED3	58	100	0	0	0
	Edenderry – ED5	58	100	0	0	0
SSE Generation Ireland	Great Island – GI4	461	85.64	14.15	0	0.21
	Rhode – RP1	52	100	0	0	0
	Rhode – RP2	52	100	0	0	0
	Tarbert – TB1	54	100	0	0	0
	Tarbert – TB2	54	100	0	0	0
	Tarbert – TB3	241	100	0	0	0
	Tarbert – TB4	243	100	0	0	0
	Tawnaghmore - TP1	52	18.89	3.33	77.78	0
Tawnaghmore - TP3	52	15.56	0	84.44	0	
ESB Energy Ireland	Aghada - AD1	258	97.5	2.5	0	0
	Aghada - AD2	431	99.87	0.11	0	0.02
	Aghada - AT1	90	100	0	0	0
	Aghada - AT2	90	100	0	0	0
	Aghada - AT4	90	99.97	0.03	0	0
	Ardnacrusa - AA1	21	73.94	0	26.06	0
	Ardnacrusa - AA2	22	73.94	0	26.06	0
	Ardnacrusa - AA3	19	73.94	0	26.06	0
	Ardnacrusa - AA4	24	73.96	0	26.04	0
	Erne - ER1	10	100	0	0	0
	Erne - ER2	10	100	0	0	0
	Erne - ER3	22	99.47	0	0.53	0
	Erne - ER4	22	93.25	6.1	0.65	0
	Lee - LE1	15	0	0	100	0
	Lee - LE2	4	0	0	100	0
	Lee - LE3	8	96.13	0.49	3.38	0
	Liffey - LI1	15	96.77	3.23	0	0
	Liffey - LI2	15	96.68	3.32	0	0
	Liffey - LI4	4	0	0	100	0
	Liffey - LI5	4	68.06	31.94	0	0
	Lough Ree Power - LR4	91	93.41	6.59	0	0
	Marina - MRC	123	98.95	0	0	1.05
	Moneypoint - MP1	285	98.98	1.02	0	0
	Moneypoint - MP2	285	97.18	2.82	0	0
	Moneypoint - MP3	285	97.38	2.62	0	0
	North Wall – NW5	104	100	0	0	0
	Poolbeg – PBA	231	89.8	0	10.2	0
	Poolbeg - PBB	231	93.43	6.57	0	0
	Turlough Hill - TH1	73	96.8	0	3.2	0
	Turlough Hill - TH2	73	93.37	5.59	1.04	0
	Turlough Hill - TH3	73	98.96	0	1.04	0
	Turlough Hill - TH4	73	97.73	0.06	2.21	0
West Offaly Power - WO4	137	95.03	4.97	0	0	
Indaver	Indaver – IW1	16	99.7	0.3	0	0
Synergen	Dublin Bay - DB1	405	53.4	4.61	41.96	0.03
Tynagh Energy Ltd	Tynagh – TYC	384	97.58	1.05	0	1.37
Viridian Power & Energy	Huntstown - HN2	400	98.47	0.02	0	1.51
	Huntstown - HNC	342	98.09	0	0	1.91

**Table 2: Unit-by-Unit Average Monthly Availability Demand Side Units – November 2016**

Unit-by-Unit Average Monthly Availability – November 2016					
Company	Unit	Monthly Availability %	Monthly Forced %	Monthly Scheduled %	Monthly Ambient %
Activation Energy	Activation Energy 1 – AE1	44.65	42.84	12.51	0
	Activation Energy 2 – AE2	78.48	21.06	0.46	0
	Activation Energy 3 – AE3	78.57	21.43	0	0
	Activation Energy 4 – AE4	2.93	97.07	0	0
	Activation Energy 5 – AE5	27.92	70.97	1.11	0
DAE VPP	DAE VPP – DP1	56.31	0	43.69	0
	DAE VPP – DP2	10.28	0	89.72	0
Electricity Exchange Ltd.	Electricity Exchange – EE1	51.73	22.19	26.08	0
	Electricity Exchange – EE2	85.09	6.11	8.8	0
Electric Ireland	Electric Ireland – EI1	85.4	2.56	12.04	0
Endeco	Endeco 1 – EC1	72.67	0.12	27.21	0
	Endeco 2 – EC2	0	100	0	0
Energy Trading Ireland	Energy Trading – ET1	96.3	3.7	0	0
Powerhouse	Powerhouse – PG1	86.92	13.08	0	0
Viridian Power & Energy	Viridian Energy – VE1	59.94	0	40.06	0

**Table 3: System Total Average Monthly Availability – November 2016**

	Monthly Availability %	Monthly Forced %	Monthly Scheduled %	Monthly Ambient %
<b>System Total Average Availability</b>	88.73	5.46	5.46	0.35

Table 4: Unit-by-Unit 365 Day Rolling Availability Conventional Units – November 2015 to November 2016

Unit-by-Unit 365 Day Rolling Availability – November 2015 to November 2016						
Company	Unit	Capacity	Monthly Availability %	Monthly Forced %	Monthly Scheduled %	Monthly Ambient %
Aughinish Alumina Ltd	Seal Rock - SK3	85	89.36	1.86	2.84	5.94
	Seal Rock - SK4	85	84.5	1.19	9.47	4.84
Bord Gáis	Whitegate – WG1	444	90.78	1.54	6.82	0.86
Edenderry Power Ltd	Edenderry – ED1	118	86	3.47	10.53	0
	Edenderry – ED3	58	99.73	0.16	0.11	0
	Edenderry – ED5	58	99.82	0.07	0.11	0
SSE Generation Ireland	Great Island – GI4	461	85.45	6.85	6.5	1.2
	Rhode – RP1	52	97.36	2.62	0.02	0
	Rhode – RP2	52	98.98	1	0.02	0
	Tarbert – TB1	54	98.04	1.26	0.7	0
	Tarbert – TB2	54	98.75	0.84	0.41	0
	Tarbert – TB3	241	98.73	0.89	0.38	0
	Tarbert – TB4	243	94.16	5.68	0.16	0
	Tawnaghmore - TP1 Tawnaghmore - TP3	52 52	67.34 61.03	1.44 0.44	31.22 38.53	0 0
ESB Energy Ireland	Aghada - AD1	258	98.2	1.03	0.77	0
	Aghada - AD2	431	97.15	0.27	2.1	0.48
	Aghada - AT1	90	98.44	0.36	1.2	0
	Aghada - AT2	90	98.8	0	1.2	0
	Aghada - AT4	90	97.69	0.1	2.21	0
	Ardnacrusha - AA1	21	75.97	1.5	22.53	0
	Ardnacrusha - AA2	22	77.45	0.42	22.13	0
	Ardnacrusha - AA3	19	76.5	1.56	21.94	0
	Ardnacrusha - AA4	24	63.17	4.73	32.1	0
	Erne - ER1	10	67.28	0.84	31.88	0
	Erne - ER2	10	91.37	7.21	1.42	0
	Erne - ER3	22	92.85	0.64	6.51	0
	Erne - ER4	22	96.69	1.89	1.42	0
	Lee - LE1	15	31.9	1.9	66.2	0
	Lee - LE2	4	33.74	0	66.26	0
	Lee - LE3	8	94.33	0.2	5.47	0
	Liffey - LI1	15	72.55	1.98	25.47	0
	Liffey - LI2	15	76.69	5.98	17.33	0
	Liffey - LI4	4	26.2	0.6	73.2	0
	Liffey - LI5	4	93.26	5.55	1.19	0
	Lough Ree Power - LR4	91	90.38	5.92	3.7	0
	Marina - MRC	123	98.31	0.01	0.72	0.96
	Moneypoint - MP1	285	82.57	17.35	0.08	0
	Moneypoint - MP2	285	91.26	8.66	0.08	0
	Moneypoint - MP3	285	92.99	4.11	2.9	0
	North Wall – NW5	104	95.75	0.72	3.21	0.32
	Poolbeg – PBA	231	94.8	1.09	4.1	0.01
	Poolbeg - PBB	231	84.98	7.21	7.8	0.01
	Turlough Hill - TH1	73	94.6	0.62	4.78	0
	Turlough Hill - TH2	73	88.52	6.99	4.49	0
Turlough Hill - TH3	73	96.53	0	3.47	0	
Turlough Hill - TH4	73	96.22	0.2	3.58	0	
West Offaly Power - WO4	137	85.59	5.2	9.21	0	
Indaver	Indaver – IW1	16	87.6	12.4	0	0
Synergen	Dublin Bay - DB1	405	79.53	1.78	17.62	1.07
Tynagh Energy Ltd	Tynagh – TYC	384	93.87	1.94	1.62	2.57
Viridian Power & Energy	Huntstown - HN2	400	86.87	0.98	8.94	3.21
	Huntstown - HNC	342	87.05	0.62	8.74	3.59

**Table 5: Unit-by-Unit 365 Day Rolling Availability Demand Side Units – November 2015 to November 2016**

Unit-by-Unit Average Monthly Availability – November 2015 to November 2016					
Company	Unit	Monthly Availability %	Monthly Forced %	Monthly Scheduled %	Monthly Ambient %
Activation Energy	Activation Energy 1 – AE1	43.92	41.94	14.14	0
	Activation Energy 2 – AE2	70.02	29.73	0.25	0
	Activation Energy 3 – AE3	86.81	6.79	6.4	0
	Activation Energy 4 – AE4	75.16	21.32	3.52	0
	Activation Energy 5 – AE5	17.21	74.28	8.51	0
DAE VPP	DAE VPP – DP1	45.3	34.78	19.92	0
	DAE VPP – DP2	8.57	0	91.43	0
Electricity Exchange Ltd.	Electricity Exchange – EE1	61.06	28.8	10.14	0
	Electricity Exchange – EE2	30.86	13.07	56.07	0
Electric Ireland	Electric Ireland – EI1	61.06	28.8	10.14	0
Endeco	Endeco 1 – EC1	30.86	13.07	56.07	0
	Endeco 2 – EC2	0	100	0	0
Energy Trading Ireland	Energy Trading – ET1	82.87	17.13	0	0
Powerhouse	Powerhouse – PG1	81.11	18.89	0	0
Viridian Power & Energy	Viridian Energy – VE1	52.6	0.07	47.33	0

**Table 6: 365 Day Rolling System Total Average Availability – November 2015 to November 2016**

	Monthly Availability %	Monthly Forced %	Monthly Scheduled %	Monthly Ambient %
<b>System Total Average Availability</b>	86.62	6.32	6.19	0.87