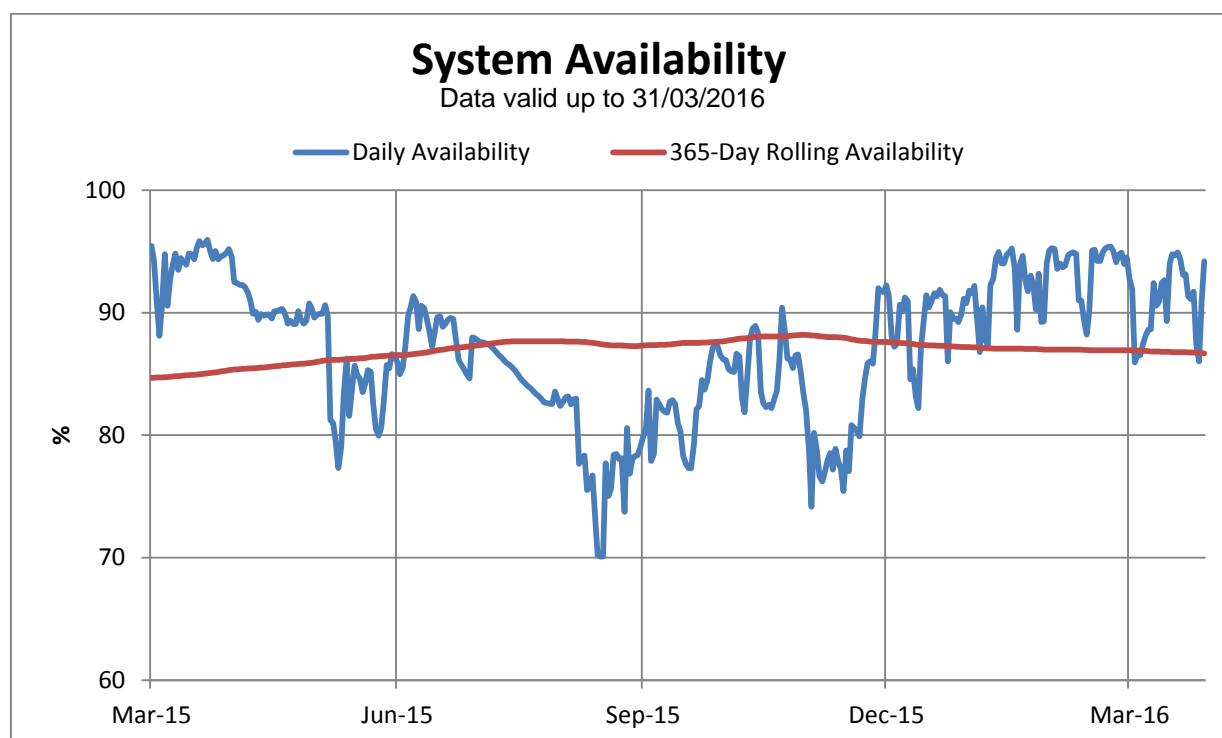


EirGrid Monthly Availability Report – March 2016

This report for March 2016, details the availability performance of the conventional generation units on the power system¹.

Key Points:

- The monthly forced outage rate increased from 4.95% in February to 5.23% in March.
- The monthly system availability decreased from 93.88% in February to 91.13% in March.
- The 365-day rolling availability decreased slightly in March 2016.



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

Power System Operational Planning

Email: PSOP@eirgrid.com

www.eirgridgroup.com

¹ Based on EDIL (Electronic Dispatch Instruction Logger) declarations.

Table 1: Unit-by-Unit Average Monthly Availability – March 2016

Unit-by-Unit Average Monthly Availability – March 2016						
Company	Unit	Capacity	Monthly Availability %	Monthly Forced %	Monthly Scheduled %	Monthly Ambient %
Aughinish Alumina Ltd	Seal Rock - SK3	85	95.53	0	0	4.47
	Seal Rock - SK4	85	95.98	0	0	4.02
Bord Gáis	Whitegate – WG1	444	93.69	5.38	0.91	0.02
Edenderry Power Ltd	Edenderry – ED1	118	83.59	0.08	16.33	0
	Edenderry – ED3	58	100	0	0	0
	Edenderry – ED5	58	100	0	0	0
SSE Generation Ireland	Great Island – GI4	461	70.34	1.36	28.15	0.15
	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 Tawnaghmore - TP3	52 52	94.12 99.64	5.88 0.36	0 0	0 0
ESB Energy Ireland	Aghada - AD1	258	100	0	0	0
	Aghada - AD2	431	99.97	0	0	0.03
	Aghada - AT1	90	100	0	0	0
	Aghada - AT2	90	100	0	0	0
	Aghada - AT4	90	100	0	0	0
	Ardnacrusha - AA1	21	94.91	0.29	4.8	0
	Ardnacrusha - AA2	22	96.56	0	3.44	0
	Ardnacrusha - AA3	19	90.02	4.66	5.32	0
	Ardnacrusha - AA4	24	93.7	1.82	4.48	0
	Erne - ER1	10	29.44	2.1	68.46	0
	Erne - ER2	10	99.82	0.02	0.16	0
	Erne - ER3	22	99.68	0.12	0.2	0
	Erne - ER4	22	99.79	0	0.21	0
	Lee - LE1	15	98.26	0	1.74	0
	Lee - LE2	4	98.3	0	1.7	0
	Lee - LE3	8	100	0	0	0
	Liffey - LI1	15	19.12	16.18	64.7	0
	Liffey - LI2	15	43.27	56.73	0	0
	Liffey - LI4	4	55.28	5.13	39.59	0
	Liffey - LI5	4	100	0	0	0
	Lough Ree Power - LR4	91	98.14	1.86	0	0
	Marina - MRC	123	98.95	0	0	1.05
	Moneypoint - MP1	285	91.02	8.98	0	0
	Moneypoint - MP2	285	94.05	5.95	0	0
	Moneypoint - MP3	285	91.34	8.66	0	0
	North Wall – NW5	104	99.2	0	0	0.8
	Poolbeg - PB4	154	99.66	0	0	0.34
	Poolbeg - PB5	154	100	0	0	0
	Poolbeg - PB6	182	98.08	0	0	1.92
	Turlough Hill - TH1	73	99.26	0.04	0.7	0
Turlough Hill - TH2	73	98.89	1.11	0	0	
Turlough Hill - TH3	73	99.09	0	0.91	0	
Turlough Hill - TH4	73	99.44	0	0.56	0	
West Offaly Power - WO4	137	94.63	4.26	1.11	0	
Indaver	Indaver – IW1	16	98.58	1.42	0	0
Synergen	Dublin Bay - DB1	405	99.56	0.13	0	0.31
Tynagh Energy Ltd	Tynagh – TYC	384	98.37	0.42	0	1.21
Viridian Power & Energy	Huntstown - HN2	400	93.58	0	4.6	1.82
	Huntstown - HNC	342	95.02	2.83	0.01	2.14
System Total Average Availability			91.13	5.23	3.17	0.47

Table 2: Unit-by-Unit 365 Day Rolling Availability – March 2015 to March 2016

Unit-by-Unit 365 Day Rolling Availability – March 2015 to March 2016						
Company	Unit	Capacity	Availability %	Forced %	Scheduled %	Ambient %
Aughinish Alumina Ltd	Seal Rock - SK3	85	89.94	2.15	1.28	6.63
	Seal Rock - SK4	85	90.45	0.89	2.86	5.8
Bord Gáis	Whitegate – WG1	444	95.63	1.07	2.57	0.73
Edenderry Power Ltd	Edenderry – ED1	118	81.32	14	4.68	0
	Edenderry – ED3	58	99.36	0	0.64	0
	Edenderry – ED5	58	99.01	0.11	0.88	0
SSE Generation Ireland	Great Island – GI4	461	83.57	9.72	6.28	0.43
	Rhode – RP1	52	93.74	2.51	3.75	0
	Rhode – RP2	52	95.91	0.34	3.75	0
	Tarbert – TB1	54	59.4	0	40.6	0
	Tarbert – TB2	54	64.85	0.26	34.89	0
	Tarbert – TB3	241	94.15	0.34	5.51	0
	Tarbert – TB4	243	98.42	1.48	0.1	0
	Tawnaghmore - TP1	52	97.21	1.09	1.7	0
Tawnaghmore - TP3	52	99.48	0.44	0.08	0	
ESB Energy Ireland	Aghada - AD1	258	94.6	5.4	0	0
	Aghada - AD2	431	97.89	0.15	1.3	0.66
	Aghada - AT1	90	93.97	2.96	3.04	0.03
	Aghada - AT2	90	96.32	0.4	3.03	0.25
	Aghada - AT4	90	95.49	0.93	3.52	0.06
	Ardnacrusha - AA1	21	70.3	6.23	23.47	0
	Ardnacrusha - AA2	22	69.45	0.98	29.57	0
	Ardnacrusha - AA3	19	68.57	10.28	21.15	0
	Ardnacrusha - AA4	24	70.98	4.07	24.95	0
	Erne - ER1	10	2.5	0.18	97.32	0
	Erne - ER2	10	92.25	4.02	3.73	0
	Erne - ER3	22	98.01	0.64	1.35	0
	Erne - ER4	22	96.57	1.52	1.91	0
	Lee - LE1	15	84.86	2.21	12.93	0
	Lee - LE2	4	92.34	0.57	7.09	0
	Lee - LE3	8	91.9	0.23	7.87	0
	Liffey - LI1	15	34.44	1.39	64.17	0
	Liffey - LI2	15	38.11	5.09	56.8	0
	Liffey - LI4	4	38.83	0.47	60.7	0
	Liffey - LI5	4	98.76	0.04	1.2	0
	Lough Ree Power - LR4	91	95.74	0.7	3.56	0
	Marina - MRC	123	86.89	0.83	11.65	0.63
	Moneypoint - MP1	285	88.88	10.48	0.64	0
	Moneypoint - MP2	285	72.06	5.21	22.73	0
	Moneypoint - MP3	285	87.11	8.92	3.97	0
	North Wall – NW5	104	92.79	4.69	1.83	0.69
	Poolbeg - PB4	154	97.52	0	0.67	1.81
Poolbeg - PB5	154	98.58	0.02	1	0.4	
Poolbeg - PB6	182	93.93	0.54	3.44	2.09	
Turlough Hill - TH1	73	96.2	0.59	3.21	0	
Turlough Hill - TH2	73	96.32	0.6	3.08	0	
Turlough Hill - TH3	73	96.99	0.58	2.43	0	
Turlough Hill - TH4	73	97.41	0.27	2.32	0	
West Offaly Power - WO4	137	87.02	2.42	10.56	0	
Indaver	Indaver – IW1	16	90.24	9.76	0	0
Synergen	Dublin Bay - DB1	405	96.2	0.55	2.41	0.84
Tynagh Energy Ltd	Tynagh – TYC	384	95.87	0.16	1.66	2.31
Viridian Power & Energy	Huntstown - HN2	400	94.35	1.04	1.49	3.12
	Huntstown - HNC	342	92.66	0.44	3.75	3.15
System Total 365 Day Rolling Availability			88.29	5.83	5.01	0.87

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