

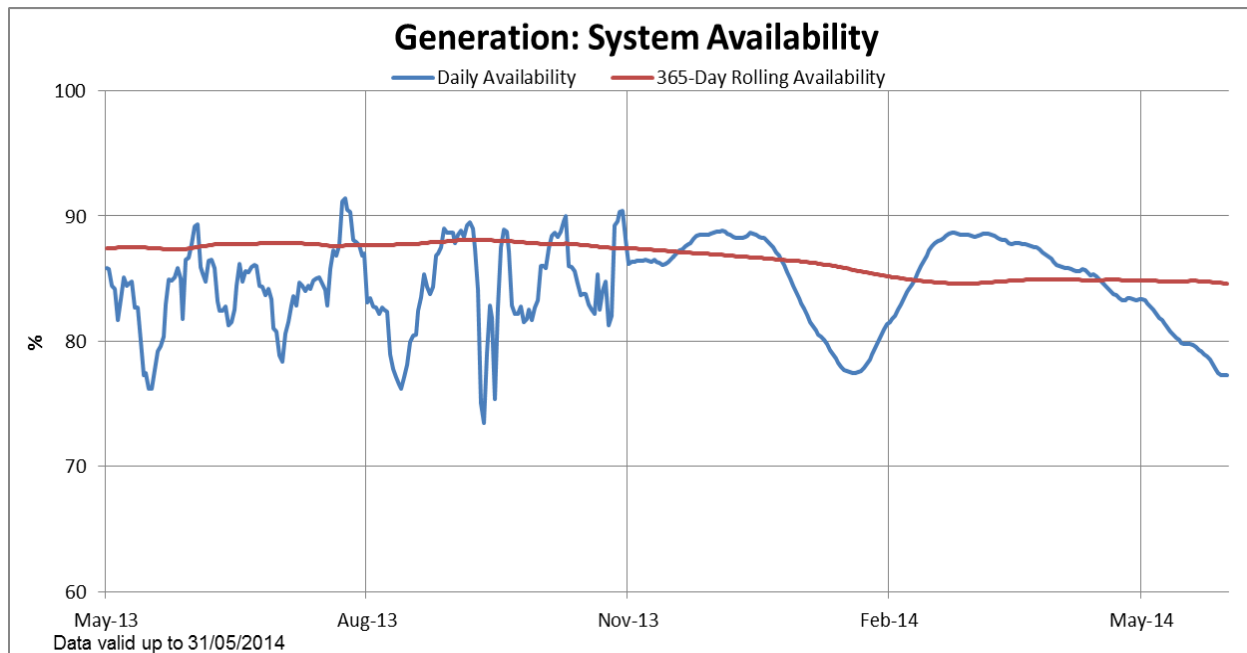


EirGrid Monthly Availability Report – May 2014

This report, for May 2014, details the availability performance of the centrally-dispatched generation units on the power system.

Key Points:

- The monthly forced outage rate increased from 7.03% in April to 8.48% in May.
- The monthly system availability decreased from 83.34% in April to 77.25% in May. The main scheduled outages in April were at Whitegate WG1, Electric Ireland EI1, Ardnacrusha station, Activation Energy AE1, Dalkia Alternative Energy Ltd DP1, Great Island GI2, Aghada AD2, Erne ER2 & ER3, Lee LE1, Liffey station, Lough Ree LR4, Moneypoint MP3, Tynagh TYC and Huntstown HN2.
- The main forced outages in May were Activation Energy AE1, Dalkia Alternative Energy Ltd DP1, Rhode RP1, Marina MRC, Erne ER1, Moneypoint MP1 and MP2 and long-term forced outage of North Wall NWC.
- The 365-day rolling availability decreased from 84.74% in April to 84.24% in May.



Definitions

Availability: the capacity-weighted percentage of the time from 00:00 1st May to 00:00 1st June 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)

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Unit-by-Unit Average Monthly Availability – May 2014

Company	Unit	Capacity	Monthly Availability %	Monthly Forced %	Monthly Scheduled %	Monthly Ambient %
Activation Energy	AEDSU – AE1	72	70.5	16.43	13.07	0
Aughinish Alumina Ltd	Seal Rock - SK3	85	86.19	2.25	3.15	8.41
	Seal Rock - SK4	85	82.18	2.33	6.63	8.86
Bord Gáis	Whitegate – WG1	444	6.15	0	93.82	0.03
Dalkia Alternative Energy Ltd	DAE VPP – DP1	22	33.36	43.21	23.43	0
Edenderry Power Ltd	Edenderry – ED1	118	95.14	4.86	0	0
	Edenderry – ED3	58	100	0	0	0
	Edenderry – ED5	58	100	0	0	0
Electric Ireland	Electric Ireland – EI1	17,81	78.27	1.04	20.69	0
SSE Generation Ireland	Great Island - GI1	54	100	0	0	0
	Great Island - GI2	54	90.74	0	9.26	0
	Great Island - GI3	109	100	0	0	0
	Rhode – RP1	52	90.74	9.26	0	0
	Rhode – RP2	52	100	0	0	0
	Tarbert – TB1	54	95.78	4.22	0	0
	Tarbert – TB2	54	96.53	0	3.47	0
	Tarbert – TB3	241	100	0	0	0
	Tarbert – TB4	243	100	0	0	0
	Tawnaghmore - TP1	52	100	0	0	0
	Tawnaghmore - TP3	52	100	0	0	0
	ESB Energy Ireland	Aghada - AD1	258	100	0	0
Aghada - AD2		431	79.57	1.45	17.99	0.99
Aghada - AT1		90	98.29	0	1.71	0
Aghada - AT2		90	97.8	0	2.2	0
Aghada - AT4		90	99.43	0	0.57	0
Ardnacrusha - AA1		21	81.07	0	18.93	0
Ardnacrusha - AA2		22	9.85	0	90.15	0
Ardnacrusha - AA3		19	0	0	100	0
Ardnacrusha - AA4		24	81.54	0	18.46	0
Erne - ER1		10	80	20	0	0
Erne - ER2		10	0	0	100	0
Erne - ER3		22	83.71	0	16.29	0
Erne - ER4		22	100	0	0	0
Lee - LE1		15	29.22	0.09	70.69	0
Lee - LE2		4	100	0	0	0
Lee - LE3		8	100	0	0	0
Liffey - LI1		15	92.06	0	7.94	0
Liffey - LI2		15	92.09	0	7.91	0
Liffey - LI4		4	92.54	0	7.46	0
Liffey - LI5		4	100	0	0	0
Lough Ree Power - LR4		91	0	0	100	0
Marina - MRC		95	52.79	47.21	0	0
Moneypoint - MP1		285	0	100	0	0
Moneypoint - MP2		285	91.58	8.42	0	0
Moneypoint - MP3		285	82.93	1.37	15.7	0
North Wall - NW5		104	98.15	1.85	0.0	0.0
North Wall – NWC		154	0.0	100.0	0.0	0.0
Poolbeg - PB4		154	98.28	0	0	1.72
Poolbeg - PB5		154	99.34	0.42	0	0.24
Poolbeg - PB6		182	96.81	0.44	0	2.75
Turlough Hill - TH1		73	99.71	0	0.29	0
Turlough Hill - TH2		73	98.98	1.02	0	0
Turlough Hill - TH3		73	99.93	0.07	0	0
Turlough Hill - TH4	73	98.56	1.44	0	0	
West Offaly Power - WO4	137	100	0	0	0	
Indaver	Indaver – IW1	16	93.95	6.05	0	0
Synergen	Dublin Bay - DB1	405	99.39	0	0	0.61
Tynagh Energy Ltd	Tynagh – TYC	384	75.82	1.19	21.61	1.38
Viridian Power & Energy	Huntstown - HN2	400	68.19	0.01	29.74	2.06
	Huntstown - HNC	342	96.41	0.17	0	3.42
System Total Average Availability			77.25	8.48	13.48	0.79

Unit-by-Unit 365 Day Rolling Availability – May 2013 to May 2014							
Company	Unit	Capacity	Rolling Availability %	Rolling Forced %	Rolling Scheduled %	Rolling Ambient %	
Activation Energy	AEDSU – AE1	72	66.24	24.83	8.93	0	
Aughinish Alumina Ltd	Seal Rock - SK3	85	89.14	1.91	1.16	7.79	
	Seal Rock - SK4	85	87.73	1.02	2.29	8.96	
Bord Gáis Energy	Whitegate – WG1	444	77.75	10.52	11.16	0.57	
Dalkia Alternative Energy Ltd	DAE VPP – DP1	22	23.54	49.78	26.68	0	
Edenderry Power Ltd	Edenderry – ED1	118	85.45	4.16	10.39	0	
	Edenderry – ED3	58	94.86	0	5.14	0	
	Edenderry – ED5	58	94.84	0.02	5.14	0	
Electric Ireland	Electric Ireland – E11	17,81	7.41	90.22	2.37	0	
SSE Generation Ireland	Great Island - GI1	54	98.45	0.64	0.91	0	
	Great Island - GI2	54	89.28	7.41	3.31	0	
	Great Island - GI3	109	90.91	7.47	1.62	0	
	Rhode – RP1	52	97.77	0.82	1.41	0	
	Rhode – RP2	52	98.58	0.01	1.41	0	
	Tarbert – TB1	54	96.57	0.36	3.07	0	
	Tarbert – TB2	54	99.67	0.03	0.3	0	
	Tarbert – TB3	241	95.13	1.27	3.6	0	
	Tarbert – TB4	243	98.27	1.51	0.22	0	
	Tawnaghmore - TP1	52	97.93	0.6	1.47	0	
Tawnaghmore - TP3	52	97.93	0.89	1.18	0		
ESB Energy Ireland	Aghada - AD1	258	74.26	25.74	0	0	
	Aghada - AD2	431	78.4	1.71	18.25	1.64	
	Aghada - AT1	90	98.87	0.21	0.77	0.15	
	Aghada - AT2	90	98.03	1.56	0.27	0.14	
	Aghada - AT4	90	90.71	7.01	2.13	0.15	
	Ardnacrusha - AA1	21	63.09	7.62	29.29	0	
	Ardnacrusha - AA2	22	65.42	1.15	33.43	0	
	Ardnacrusha - AA3	19	6.93	0.36	92.71	0	
	Ardnacrusha - AA4	24	65.48	7.38	27.14	0	
	Erne - ER1	10	77.34	18.03	4.63	0	
	Erne - ER2	10	10.51	0	89.49	0	
	Erne - ER3	22	41.58	45.93	12.49	0	
	Erne - ER4	22	97.6	0.03	2.37	0	
	Lee - LE1	15	90.85	1.78	7.37	0	
	Lee - LE2	4	93.08	0.58	6.34	0	
	Lee - LE3	8	92.71	0.91	6.38	0	
	Liffey - LI1	15	89.55	0.23	10.22	0	
	Liffey - LI2	15	88.94	0.05	11.01	0	
	Liffey - LI4	4	98.21	0.02	1.77	0	
	Liffey - LI5	4	96.73	0.16	3.11	0	
	Lough Ree Power - LR4	91	84.95	4.7	10.35	0	
	Marina - MRC	95	59.23	40.77	0	0	
	Moneypoint - MP1	285	85.61	14.34	0.05	0	
	Moneypoint - MP2	285	53.23	16.82	29.95	0	
	Moneypoint - MP3	285	73.17	9.83	17	0	
	North Wall - NW5	104	93.55	6.14	0.26	0.05	
	North Wall – NWC	154	0.0	100.0	0.0	0.0	
	Poolbeg - PB4	154	97.2	0.03	1.06	1.71	
	Poolbeg - PB5	154	97.27	0.24	2.12	0.37	
	Poolbeg - PB6	182	89.42	4.61	3.39	2.58	
	Turlough Hill - TH1	73	95.67	2.91	1.42	0	
	Turlough Hill - TH2	73	94.38	4.17	1.45	0	
	Turlough Hill - TH3	73	95.75	1.32	2.93	0	
	Turlough Hill - TH4	73	95.24	2.05	2.71	0	
	West Offaly Power - WO4	137	95.86	1.31	2.83	0	
	Indaver	Indaver – IW1	16	88.02	6.75	5.23	0
	Synergen	Dublin Bay - DB1	405	95.07	1.59	1.31	2.03
	Tynagh Energy Ltd	Tynagh – TYC	384	94.43	1.64	1.84	2.09
	Viridian Power & Energy	Huntstown - HN2	400	93.62	0.17	2.64	3.57
		Huntstown - HNC	342	96.02	0.06	0	3.92
System Total 365 Day Rolling Availability			84.24	8.55	6.11	1.1	