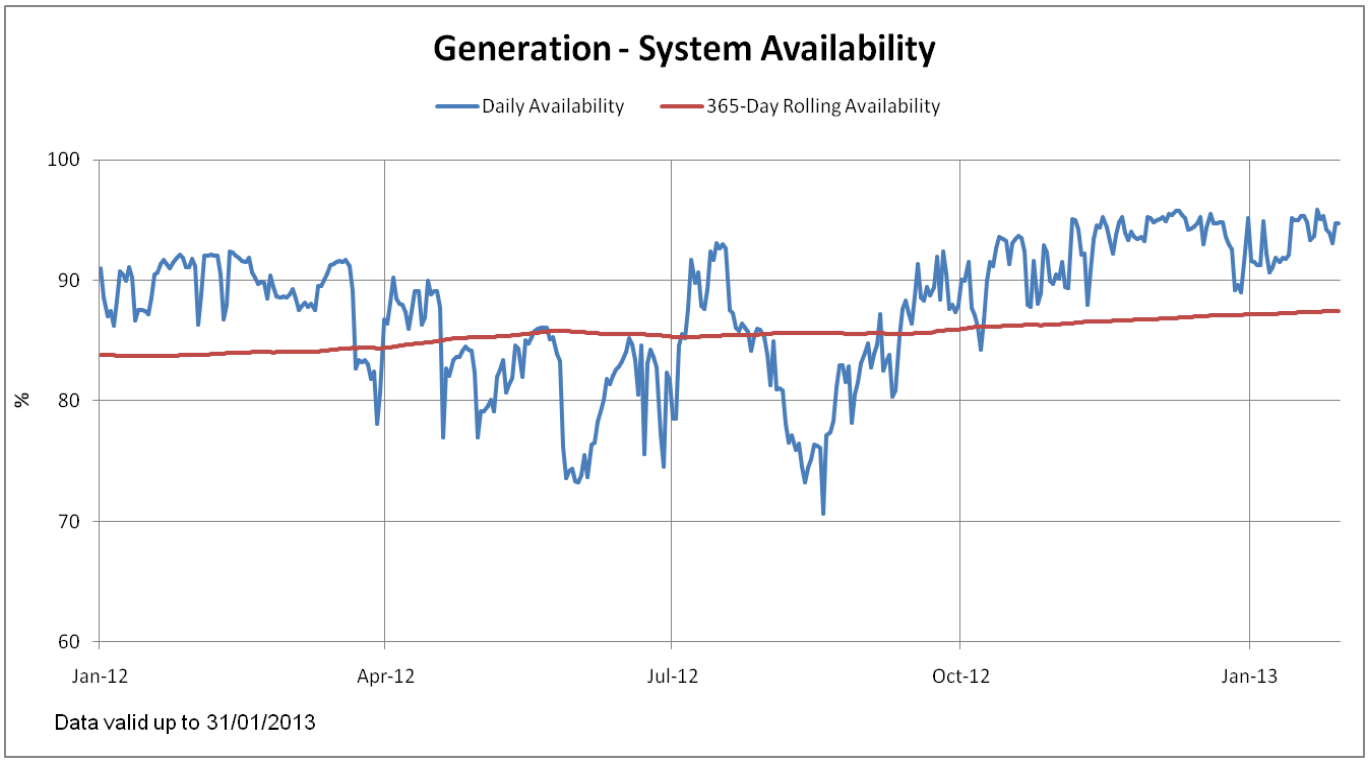
EirGrid Monthly Availability Report – January 2013

This report, for January 2013, details the availability performance of the centrally-dispatched generation units on the power system.

Key Points:

- The forced outage rate increased from 4.4% in December to 5.6% in January.
- The monthly system availability decreased from 94.2% in December to 93.4% in January. The main scheduled outages in January were at Edenderry ED1 and Turlough Hill station. The main forced outages in January were Activation Energy AE1, Aghada AD1, Dalkia Alternative Energy Ltd. DP1, Edenderry ED1, Liffey LI5, Moneypoint MP3, Turlough Hill station and the long-term forced outages of North Wall NWC and Erne ER3.
- The 365-day rolling availability increased by 0.3% to 87.5% in January from 87.2% in December.



Definitions

Availability: the capacity-weighted percentage of the time from 00:00 1st January to 00:00 1st February 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 – January 2013

Company	Unit	Capacity	Availability %	Forced %	Scheduled %	Ambient %	365-day Rolling Availability %
Activation Energy	AEDSU – AE1	27	61.7	38.3	0.0	0.0	66.7
Aughinish Alumina Ltd	Seal Rock - SK3	85	93.8	0.3	0.0	6.0	89.9
	Seal Rock - SK4	85	88.2	8.6	0.0	3.2	86.3
Bord Gáis	Whitegate – WG1	444	100.0	0.0	0.0	0.0	89.8
Dalkia Alternative Energy Ltd	DAE VPP – DP1	22	54.4	45.6	0.0	0.0	24.4
Edenderry Power Ltd	Edenderry – ED1	118	87.0	10.5	2.6	0.0	78.2
	Edenderry – ED3	58	100.0	0.0	0.0	0.0	99.6
	Edenderry – ED5	58	100.0	0.0	0.0	0.0	99.9
Endesa Ireland	Great Island - GI1	54	100.0	0.0	0.0	0.0	98.9
	Great Island - GI2	54	90.7	9.3	0.0	0.0	90.2
	Great Island - GI3	109	100.0	0.0	0.0	0.0	99.0
	Rhode – RP1	52	100.0	0.0	0.0	0.0	98.0
	Rhode – RP2	52	100.0	0.0	0.0	0.0	98.3
	Tarbert – TB1	54	100.0	0.0	0.0	0.0	99.9
	Tarbert – TB2	54	100.0	0.0	0.0	0.0	99.7
	Tarbert – TB3	243	100.0	0.0	0.0	0.0	99.5
	Tarbert – TB4	243	100.0	0.0	0.0	0.0	99.8
	Tawnaghmore - TP1	52	100.0	0.0	0.0	0.0	98.3
	Tawnaghmore - TP3	52	100.0	0.0	0.0	0.0	97.9
ESB Power Generation	Aghada - AD1	258	77.0	23.0	0.0	0.0	96.0
	Aghada - AD2	432	99.5	0.0	0.0	0.5	95.9
	Aghada - AT1	90	100.0	0.0	0.0	0.0	96.7
	Aghada - AT2	90	100.0	0.0	0.0	0.0	85.3
	Aghada - AT4	90	100.0	0.0	0.0	0.0	88.8
	Ardnacrusha - AA1	21	100.0	0.0	0.0	0.0	90.4
	Ardnacrusha - AA2	22	100.0	0.0	0.0	0.0	91.4
	Ardnacrusha - AA3	19	100.0	0.0	0.0	0.0	88.9
	Ardnacrusha - AA4	24	99.3	0.8	0.0	0.0	91.1
	Erne - ER1	10	100.0	0.0	0.0	0.0	99.5
	Erne - ER2	10	100.0	0.0	0.0	0.0	98.6
	Erne - ER3	23	0.0	100.0	0.0	0.0	0.0
	Erne - ER4	23	100.0	0.0	0.0	0.0	97.7
	Lee - LE1	15	96.7	1.1	2.2	0.0	94.6
	Lee - LE2	4	96.0	1.8	2.2	0.0	94.7
	Lee - LE3	8	99.1	0.9	0.0	0.0	75.1
	Liffey - LI1	15	100.0	0.0	0.0	0.0	94.1
	Liffey - LI2	15	100.0	0.0	0.0	0.0	94.0
	Liffey - LI4	4	99.6	0.4	0.0	0.0	93.9
	Liffey - LI5	4	35.9	64.1	0.0	0.0	55.8
	Lough Ree Power - LR4	91	99.7	0.3	0.0	0.0	92.3
	Marina - MRC	123	76.4	23.6	0.0	0.0	76.2
	Moneypoint - MP1	285	100.0	0.0	0.0	0.0	93.4
	Moneypoint - MP2	285	100.0	0.0	0.0	0.0	85.5
	Moneypoint - MP3	285	85.2	14.8	0.0	0.0	95.3
	North Wall - NW5	108	91.0	9.0	0.0	0.0	86.6
	North Wall – NWC	154	0.0	100.0	0.0	0.0	0.0
	Poolbeg - PB4	158	99.7	0.1	0.0	0.2	96.7
	Poolbeg - PB5	154	100.0	0.1	0.0	0.0	97.0
	Poolbeg - PB6	182	97.6	0.2	0.0	2.3	95.0
	Turlough Hill - TH1	73	88.2	7.4	4.5	0.0	65.9
	Turlough Hill - TH2	73	93.7	1.4	4.9	0.0	77.0
	Turlough Hill - TH3	73	98.6	0.0	1.4	0.0	42.4
	Turlough Hill - TH4	73	97.3	1.1	1.6	0.0	53.3
	West Offaly Power - WO4	135	94.9	5.1	0.0	0.0	89.9
Indaver	Indaver – IW1	17	91.1	8.9	0.0	0.0	70.3
Synergen	Dublin Bay - DB1	405	99.2	0.0	0.0	0.8	80.9
Tynagh Energy Ltd	Tynagh – TYC	404	96.2	0.0	0.0	3.9	75.3
Viridian Power & Energy	Huntstown - HN2	408	98.3	0.6	0.0	1.1	93.7
	Huntstown - HNC	344	94.8	0.0	0.0	5.2	94.5
System Total Average Availability			**93.4**	**5.6**	**0.2**	**0.8**	**87.5**

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