

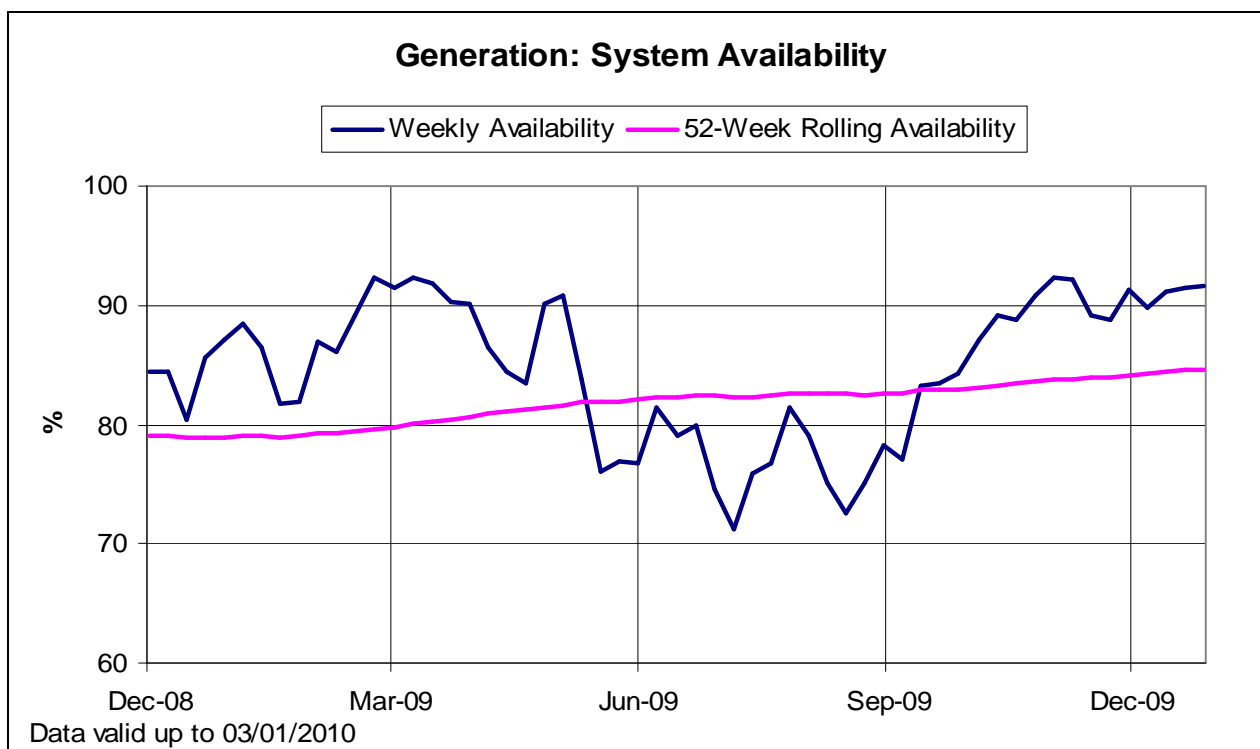


EirGrid Monthly Availability Report – December 2009

This report, for December 2009, details the availability performance of the centrally-dispatched generation units on the power system and includes an outlook for plant availability over the period from January to March 2010.

Key Points:

- The forced outage rate increased from 6.4% in November to 7.2% in December. This is equivalent to a forced outage rate of 3.1% when the long-term outage at Poolbeg Unit 3 is excluded.
- The monthly system availability increased from 90.6% in November to 91.0% in December. The main outages, in addition to the long-term outage at Poolbeg Unit 3, were the scheduled outages at Moneypoint Unit 2 and the forced outages at Marina, Poolbeg PB2 and West Offaly.
- The rolling 52-week availability increased from 83.9% in November to 84.6% in December.



Definitions

Availability: the capacity-weighted percentage of the time from 00:00 Sunday 29th November to 00:00 Sunday 3rd January 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.

52-week Rolling Availability: the average of the unit's **Availability** over the most recent 52 weeks (i.e., past year)

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Unit-by-Unit Average Monthly Availability - December 2009							
Company	Unit	Capacity*	Availability %	Forced %	Scheduled %	Ambient %	52wk Rolling Availability %
Aughinish Alumina Ltd	Seal Rock - SK3	80	90.7	7.5	1.8	0.0	92.8
	Seal Rock - SK4	80	98.9	0.6	0.0	0.6	90.3
Edenderry Power Ltd	Edenderry - ED1	118	74.0	11.0	15.0	--	80.4
Endesa	Great Island - GI1	54	100.0	0.0	0.0	--	95.8
	Great Island - GI2	54	91.2	8.8	0.0	--	86.9
	Great Island - GI3	109	97.4	2.6	0.0	--	89.1
	Rhode - RP1	52	94.2	5.8	0.0	--	98.0
	Rhode - RP2	52	96.0	4.0	0.0	--	98.3
	Tarbert - TB1	54	97.5	2.5	0.0	--	95.2
	Tarbert - TB2	54	99.3	0.7	0.0	--	94.6
	Tarbert - TB3	243	99.2	0.8	0.0	--	95.5
	Tarbert - TB4	243	100.0	0.0	0.0	--	93.0
	Tawnaghmore - TP1	52	100.0	0.0	0.0	--	97.2
Tawnaghmore - TP3	52	100.0	0.0	0.0	--	98.8	
ESB Power Generation	Ardnacrusha - AA1	21	99.7	0.3	0.0	--	96.4
	Ardnacrusha - AA2	22	100.0	0.0	0.0	--	90.7
	Ardnacrusha - AA3	19	100.0	0.0	0.0	--	97.5
	Ardnacrusha - AA4	24	100.0	0.0	0.0	--	99.0
	Aghada - AD1	257	99.5	0.5	0.0	0.0	91.2
	Aghada - AT1	90	99.7	0.3	0.0	0.0	69.7
	Aghada - AT2	90	99.8	0.2	0.0	0.0	97.6
	Aghada - AT4	90	100.0	0.0	0.0	0.0	99.7
	Erne - ER1	10	99.8	0.0	0.2	--	98.6
	Erne - ER2	10	99.8	0.0	0.2	--	98.6
	Erne - ER3	23	99.6	0.0	0.4	--	95.2
	Erne - ER4	23	99.6	0.0	0.4	--	96.8
	Lee - LE1	15	86.5	13.5	0.0	--	86.5
	Lee - LE2	4	100.0	0.0	0.0	--	94.4
	Lee - LE3	8	100.0	0.0	0.0	--	95.8
	Liffey - LI1	15	76.2	23.8	0.0	--	91.9
	Liffey - LI2	15	63.8	36.2	0.0	--	77.7
	Liffey - LI4	4	99.8	0.2	0.0	--	99.7
	Liffey - LI5	4	100.0	0.0	0.0	--	73.7
	Lough Ree Power - LR4	90	86.8	13.2	0.0	--	90.8
	Moneypoint - MP1	285	99.0	1.0	0.0	--	85.7
	Moneypoint - MP2	285	85.5	0.4	14.1	--	87.1
	Moneypoint - MP3	285	98.4	1.6	0.0	--	76.0
	Marina - MRC	123	74.3	25.7	0.0	0.0	72.7
	North Wall - NWC	154	95.6	1.0	1.5	1.8	75.1
	North Wall - NW5	109	95.5	0.0	0.0	4.5	95.4
	Poolbeg - PB1	115	99.9	0.1	0.0	--	90.2
	Poolbeg - PB2	115	81.4	15.2	3.4	--	86.9
	Poolbeg - PB3	242	0.0	100.0	0.0	--	0.0
	Poolbeg - PB4	154	100.0	0.0	0.0	0.0	93.4
Poolbeg - PB5	150	99.5	0.0	0.0	0.5	96.0	
Poolbeg - PB6	173	99.8	0.0	0.0	0.2	90.1	
Turlough Hill - TH1	73	99.7	0.1	0.1	--	89.7	
Turlough Hill - TH2	73	99.5	0.3	0.1	--	96.4	
Turlough Hill - TH3	73	98.3	1.2	0.5	--	98.1	
Turlough Hill - TH4	73	99.0	0.0	1.0	--	93.5	
West Offaly Power - WO4	137	70.4	29.6	0.0	--	76.2	
Synergen	Dublin Bay - DB1	415	94.8	1.8	0.1	3.3	80.6
Tynagh Energy Ltd	Tynagh - TYC	400	92.3	4.9	0.0	2.8	82.7
Viridian Power & Energy	Huntstown - HNC	344	97.8	0.0	0.0	2.2	94.7
	Huntstown - HN2	408	99.0	0.0	0.0	1.0	88.2
System Total Average Availability			91.0	7.2	1.1	0.7	84.6

* Exported MW values as per Generation Adequacy Report 2008-2014. Note some of the availability statistics are currently based on generated MW values which may give rise to some very small variances.

3-Month Outlook for Generation Scheduled and Known Forced Outages													
ISO Week Number		1	2	3	4	5	6	7	8	9	10	11	12
Beginning Monday		04-Jan	11-Jan	18-Jan	25-Jan	01-Feb	08-Feb	15-Feb	22-Feb	01-Mar	08-Mar	15-Mar	22-Mar
Station	Unit	January				February				March			
ARDNACRUSHA	AA1												
	AA2												
	AA3												
	AA4												
AGHADA	AD1												
	AT1												
	AT2												
	AT4												
DUBLINBAY	DB1												
EDENDERRY	ED1												
ERNE	ER1												
	ER2												
	ER3												
	ER4									S	S	S	S
GREAT ISLAND	G1												
	G2			F	F								
	G3												
HUNTSTOWN	HN2												
	HNC												
LEE	LE1												
	LE2												
	LE3												
LIFFEY	LI1												
	LI2												
	LI4						S	S	S				
	LI5												
LOUGH REE	LR4												
MONEYPOINT	MP1												
	MP2												
	MP3												
MARINA	MRC												
NORTH WALL	NW5												
	NWC												
POOLBEG	PB1												
	PB2												
	PB3	F	F	F	F	F	F	F	F	F	F	F	F
	PB4												
	PB5					S							
	PB6												
RHODE	RP1												
	RP2												
SEAL ROCK	SK3								S				
	SK4												
TARBERT	TB1												
	TB2												
	TB3												
	TB4												
TURLOUGH HILL	TH1												
	TH2								S	S	S	S	S
	TH3												
	TH4												
TAWNAGHMORE	TP1												
	TP3												
TYNAGH	TYC												
WEST OFFALY	WO4												

S = Scheduled Outage F = Forced Outage

Notes on 3-Month Outlook:

(1) Based on information available as of 18th January. 3-month Outlook is indicative only and subject to change. Includes only Forced Outages known at time of publication.

(2) Some outages of less than 6 days duration are not shown on this outlook (e.g., a weekend outage)