

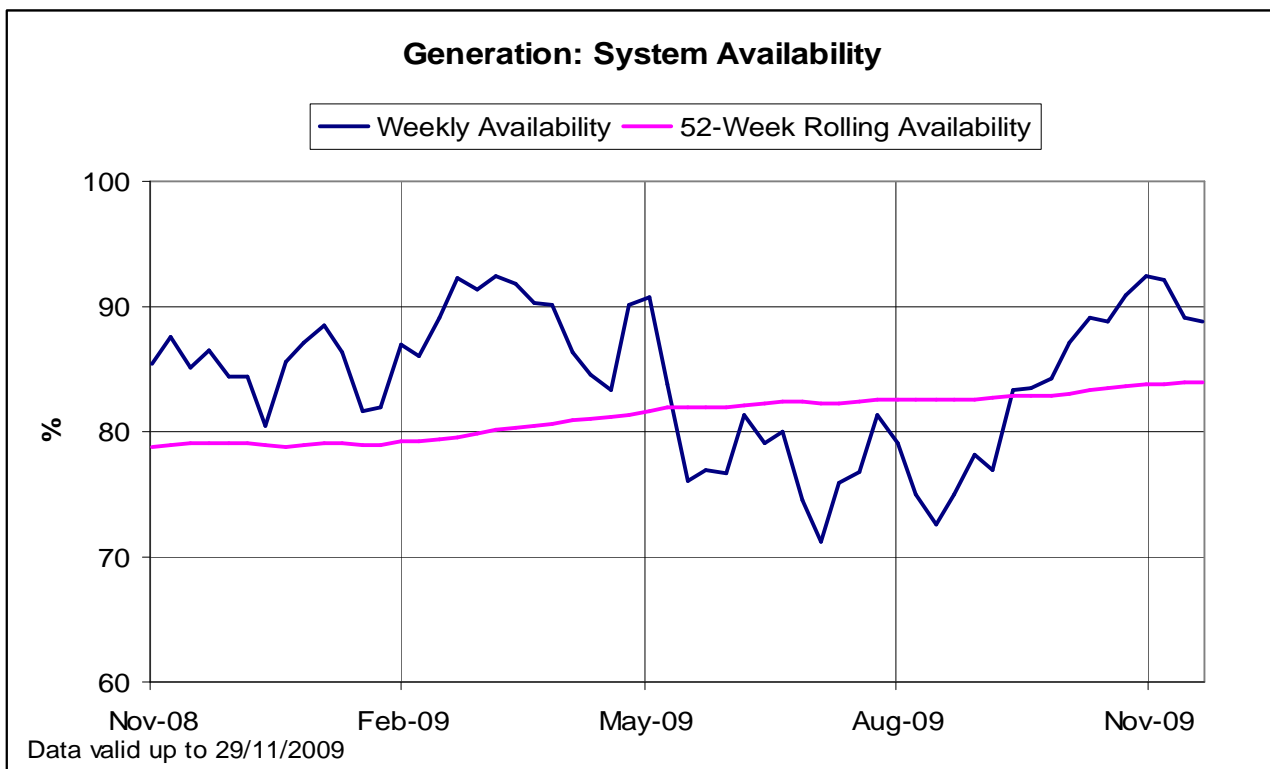


EirGrid Monthly Availability Report – November 2009

This report, for November 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 December 2009 to February 2010.

Key Points:

- The forced outage rate reduced from 6.8% in October to 6.4% in November. This is equivalent to a forced outage rate of 2.3% when the long-term outage at Poolbeg Unit 3 is excluded.
- The monthly system availability increased from 88.0% in October to 90.6% in November. The main outages, in addition to the long-term outage at Poolbeg Unit 3, were the scheduled outages at Moneypoint Units 1 and 3 and the forced outages at Marina, West Offaly and Liffey Unit 2.
- The rolling 52-week availability increased from 83.6% in October to 83.9% in November.



Definitions

Availability: the capacity-weighted percentage of the time from 00:00 Sunday 1st November to 00:00 Sunday 29th November 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 - November 2009							
Company	Unit	Capacity*	Availability %	Forced %	Scheduled %	Ambient %	52wk Rolling Availability %
Aughinish Alumina Ltd	Seal Rock - SK3	80	99.3	0.0	0.0	0.7	93.4
	Seal Rock - SK4	80	98.7	0.0	0.0	1.3	90.4
Edenderry Power Ltd	Edenderry - ED1	118	91.1	8.9	0.0	0.0	81.0
Endesa	Great Island - GI1	54	100.0	0.0	0.0	--	93.3
	Great Island - GI2	54	91.2	8.8	0.0	--	86.8
	Great Island - GI3	109	98.4	1.6	0.0	--	87.8
	Rhode - RP1	52	100.0	0.0	0.0	--	98.5
	Rhode - RP2	52	100.0	0.0	0.0	--	98.6
	Tarbert - TB1	54	98.7	1.3	0.0	--	95.5
	Tarbert - TB2	54	100.0	0.0	0.0	--	94.6
	Tarbert - TB3	243	99.2	0.8	0.0	--	91.9
	Tarbert - TB4	243	100.0	0.0	0.0	--	90.8
	Tawnaghmore - TP1	52	98.1	1.9	0.0	--	97.2
Tawnaghmore - TP3	52	100.0	0.0	0.0	--	98.8	
ESB Power Generation	Ardnacrusha - AA1	21	100.0	0.0	0.0	--	96.3
	Ardnacrusha - AA2	22	100.0	0.0	0.0	--	90.7
	Ardnacrusha - AA3	19	100.0	0.0	0.0	--	97.3
	Ardnacrusha - AA4	24	100.0	0.0	0.0	--	98.9
	Aghada - AD1	257	100.0	0.0	0.0	0.0	89.1
	Aghada - AT1	90	100.0	0.0	0.0	0.0	69.7
	Aghada - AT2	90	99.9	0.1	0.0	0.0	97.5
	Aghada - AT4	90	99.9	0.1	0.0	0.0	99.7
	Erne - ER1	10	100.0	0.0	0.0	--	98.6
	Erne - ER2	10	100.0	0.0	0.0	--	98.6
	Erne - ER3	23	100.0	0.0	0.0	--	95.2
	Erne - ER4	23	100.0	0.0	0.0	--	96.8
	Lee - LE1	15	95.4	4.6	0.0	--	84.7
	Lee - LE2	4	100.0	0.0	0.0	--	94.4
	Lee - LE3	8	97.4	2.6	0.0	--	95.8
	Liffey - LI1	15	100.0	0.0	0.0	--	94.2
	Liffey - LI2	15	0.0	100.0	0.0	--	81.1
	Liffey - LI4	4	100.0	0.0	0.0	--	99.7
	Liffey - LI5	4	100.0	0.0	0.0	--	73.7
	Lough Ree Power - LR4	90	95.6	4.4	0.0	--	91.9
	Moneypoint - MP1	285	83.8	3.0	13.3	--	85.2
	Moneypoint - MP2	285	96.2	0.7	3.1	--	84.1
	Moneypoint - MP3	285	80.7	1.7	17.7	--	76.1
	Marina - MRC	123	72.6	25.9	1.4	0.0	74.1
	North Wall - NWC	154	94.6	1.4	0.4	3.6	74.7
	North Wall - NW5	109	94.8	1.0	0.0	4.1	95.3
	Poolbeg - PB1	115	98.5	0.6	0.9	--	90.2
	Poolbeg - PB2	115	98.3	1.7	0.0	--	86.8
	Poolbeg - PB3	242	0.0	100.0	0.0	--	0.0
	Poolbeg - PB4	154	98.6	0.0	0.0	1.4	93.4
Poolbeg - PB5	150	97.6	0.0	0.0	2.4	95.9	
Poolbeg - PB6	173	99.6	0.0	0.0	0.4	89.5	
Turlough Hill - TH1	73	98.9	0.4	0.7	--	82.1	
Turlough Hill - TH2	73	93.0	1.5	5.5	--	96.4	
Turlough Hill - TH3	73	98.8	0.4	0.7	--	98.2	
Turlough Hill - TH4	73	98.8	0.4	0.7	--	93.6	
West Offaly Power - WO4	137	85.0	15.0	0.0	--	78.7	
Synergen	Dublin Bay - DB1	415	92.5	2.8	0.0	4.7	80.7
Tynagh Energy Ltd	Tynagh - TYC	400	93.1	2.7	0.0	4.2	81.9
Viridian Power & Energy	Huntstown - HNC	344	94.7	0.0	0.0	5.3	94.8
	Huntstown - HN2	408	96.7	0.0	0.0	3.3	88.2
System Total Average Availability			90.6	6.4	1.7	1.3	83.9

* 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		49	50	51	52	53	1	2	3	4	5	6	7	8
Beginning Monday		30-Nov	07-Dec	14-Dec	21-Dec	28-Dec	04-Jan	11-Jan	18-Jan	25-Jan	01-Feb	08-Feb	15-Feb	22-Feb
Station	Unit	December					January				February			
ARDNACRUSHA	AA1													
	AA2													
	AA3													
	AA4													
AGHADA	AD1													
	AT1													
	AT2													
	AT4													
DUBLINBAY	DB1													
EDENDERRY	ED1													
ERNE	ER1													
	ER2													
	ER3													
	ER4													
GREAT ISLAND	GI1													
	GI2													
	GI3													
HUNTSTOWN	HN2													
	HNC													
LEE	LE1													
	LE2													
	LE3													
LIFFEY	LI1													
	LI2	F												
	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	F
	PB4													
	PB5										S			
	PB6													
RHODE	RP1													
	RP2													
SEAL ROCK	SK3													S
	SK4													
TARBERT	TB1													
	TB2													
	TB3													
	TB4													
TURLOUGH HILL	TH1													
	TH2													
	TH3													S
	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 3rd December. 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)