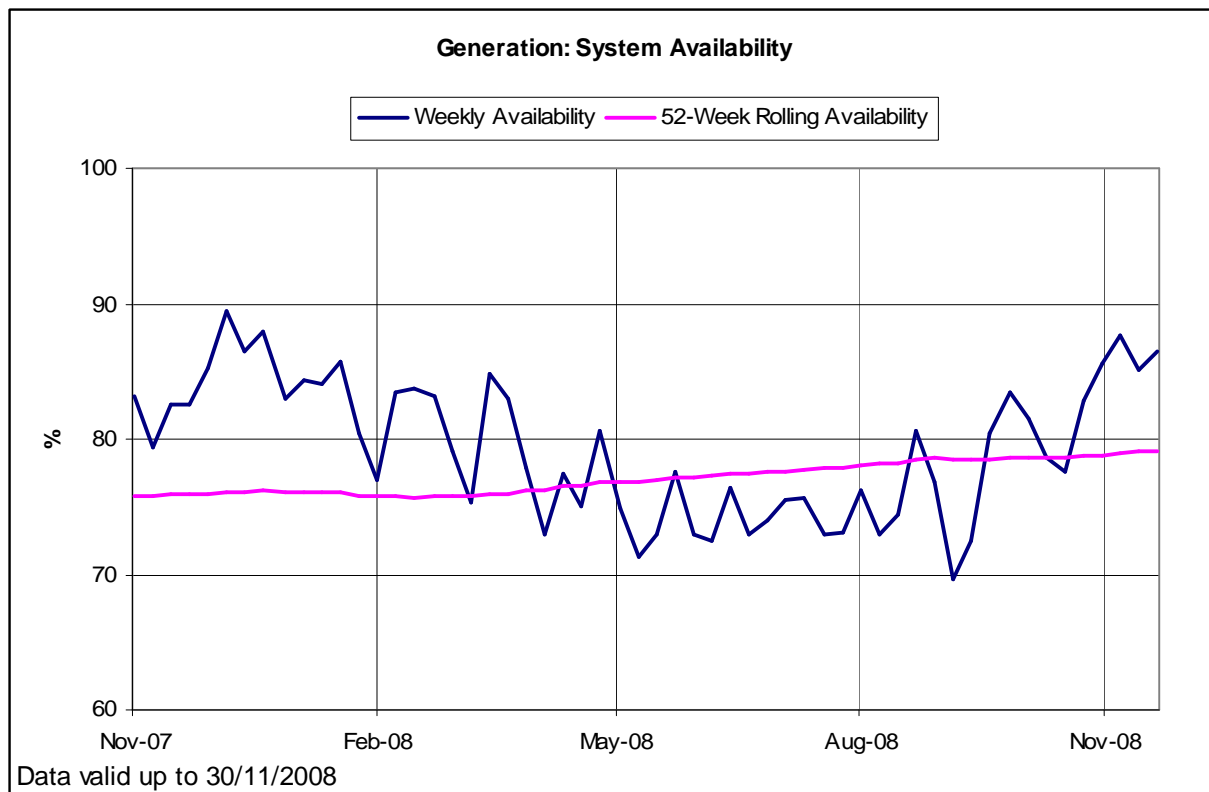


EirGrid Monthly Availability Report – November 2008

This report, for November 2008, 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 to February 2009.

Key Points:

- The forced outage rate increased from 10.3% in October to 11.3% in November. This is equivalent to a forced outage rate of 6.4% when the long-term outages at Poolbeg Unit 3 and Turlough Hill Unit 1 are excluded.
- The monthly system availability for November was 86.2%. There were scheduled outages at Turlough Hill Unit 2 and Moneypoint Unit 3. The main forced outage, in addition to the long-term outages at Turlough Hill Unit 1 and Poolbeg Unit 3, was the extension of the long-term outage of Aghada Unit 1.
- The rolling 52-week availability has improved slightly and is currently at 79.1%.



Definitions

Availability: the capacity-weighted percentage of the time from 00:00 Sunday 2nd November to 00:00 Sunday 30th 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 2008

Company	Unit	Capacity*	Availability %	Forced %	Scheduled %	Ambient %	52wk Rolling Availability %
Aughinish Alumina Ltd	Seal Rock - SK3	80	99.5	0.1	0.0	0.4	91.0
	Seal Rock - SK4	80	99.6	0.0	0.0	0.4	95.0
Edenderry Power Ltd	Edenderry - ED1	118	96.8	3.2	0.0	0.0	83.1
ESB Power Generation	Ardnacrusha - AA1	21	99.6	0.4	0.0	--	94.6
	Ardnacrusha - AA2	22	99.9	0.0	0.1	--	98.7
	Ardnacrusha - AA3	19	100.0	0.0	0.0	--	97.9
	Ardnacrusha - AA4	24	99.9	0.0	0.1	--	91.8
	Aghada - AD1	257	6.5	89.9	3.6	0.0	43.0
	Aghada - AT1	90	89.9	10.1	0.0	0.0	92.8
	Aghada - AT2	90	99.5	0.5	0.0	0.0	46.3
	Aghada - AT4	90	99.6	0.4	0.0	0.0	93.2
	Erne - ER1	10	98.0	0.4	1.6	--	95.1
	Erne - ER2	10	99.6	0.0	0.4	--	94.5
	Erne - ER3	23	99.6	0.0	0.4	--	96.2
	Erne - ER4	23	99.3	0.0	0.7	--	93.9
	Great Island - GI1	54	95.8	4.2	0.0	--	67.6
	Great Island - GI2	54	81.4	18.6	0.0	--	63.9
	Great Island - GI3	109	98.8	1.2	0.0	--	75.2
	Lee - LE1	15	100.0	0.0	0.0	--	94.8
	Lee - LE2	4	99.1	0.0	0.9	--	95.7
	Lee - LE3	8	100.0	0.0	0.0	--	91.9
	Liffey - LI1	15	100.0	0.0	0.0	--	98.9
	Liffey - LI2	15	100.0	0.0	0.0	--	96.6
	Liffey - LI4	4	100.0	0.0	0.0	--	99.3
	Liffey - LI5	4	100.0	0.0	0.0	--	99.8
	Lough Ree Power - LR4	90	98.2	1.8	0.0	--	86.4
	Moneypoint - MP1	285	94.3	5.5	0.2	--	86.0
	Moneypoint - MP2	285	96.1	3.9	0.0	--	61.4
	Moneypoint - MP3	285	87.6	1.1	11.3	--	88.5
	Marina - MRC	123	88.7	8.6	0.1	2.7	78.0
	North Wall - NWC	154	74.3	16.1	9.6	0.0	69.6
	North Wall - NW5	109	94.0	6.0	0.0	0.0	66.6
	Poolbeg - PB1	115	86.9	11.0	2.0	--	87.5
	Poolbeg - PB2	115	93.0	7.0	0.0	--	49.6
	Poolbeg - PB3	242	0.0	100.0	0.0	--	0.0
	Poolbeg - PB4	154	99.6	0.2	0.0	0.2	89.7
	Poolbeg - PB5	150	98.8	0.4	0.0	0.8	91.3
	Poolbeg - PB6	173	97.7	0.4	1.3	0.5	87.7
	Rhode - RP1	52	89.4	0.0	10.6	--	97.9
	Rhode - RP2	52	90.8	0.0	9.2	--	98.2
	Tarbert - TB1	54	100.0	0.0	0.0	--	95.5
	Tarbert - TB2	54	98.9	0.0	1.1	--	96.5
	Tarbert - TB3	243	99.8	0.2	0.0	--	91.8
Tarbert - TB4	243	96.3	3.7	0.0	--	92.9	
Turlough Hill - TH1	73	0.0	100.0	0.0	--	0.0	
Turlough Hill - TH2	73	66.5	0.0	33.5	--	85.0	
Turlough Hill - TH3	73	99.7	0.0	0.2	--	92.3	
Turlough Hill - TH4	73	99.4	0.4	0.2	--	92.9	
Tawnaghmore - TP1	52	100.0	0.0	0.0	--	93.7	
Tawnaghmore - TP3**	52	99.4	0.0	0.6	--	77.1	
West Offaly Power - WO4	137	98.9	1.1	0.0	--	81.2	
Synergen	Dublin Bay - DB1	415	96.4	0.0	0.0	3.6	91.1
Tynagh Energy Ltd	Tynagh - TYC	404	91.1	0.0	3.8	5.1	84.7
Viridian Power & Energy	Huntstown - HNC	344	97.7	0.1	0.0	2.2	94.9
	Huntstown - HN2	408	97.2	1.4	0.0	1.3	93.9
System Total Average Availability***			86.2	11.3	1.7	0.8	79.1

*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.

**The figure for TP3 is an average figure of the unit's availability since it was commissioned on 15/09/2008

***The rolling 52-week system availability is calculated using the weekly availability figures and may vary due to plant commissioning and decommissioning.

While every effort has been made in the compilation of this report to ensure that the information contained herein is correct we cannot accept any responsibility or liability whatsoever for any damage howsoever caused by reliance on the information presented here

3-Month Outlook for Generation Scheduled and Known Forced Outages														
ISO Week Number		49	50	51	52	1	2	3	4	5	6	7	8	9
Beginning Monday		01-Dec	08-Dec	15-Dec	22-Dec	29-Dec	05-Jan	12-Jan	19-Jan	26-Jan	02-Feb	09-Feb	16-Feb	23-Feb
Station	Unit	December				January					February			
ARDNACRUSHA	AA1													
	AA2													
	AA3													
	AA4													
AGHADA	AD1	T	T											
	AT1													
	AT2													
	AT4													
DUBLINBAY	DB1													
EDENDERRY	ED1				S									
ERNE	ER1													
	ER2													
	ER3													
	ER4													
GREAT ISLAND	G11													
	G12													
	G13													
HUNTSTOWN	HN2													
	HNC													
LEE	LE1													
	LE2													
	LE3													
LIFFEY	LI1													
	LI2													
	LI4													
	LI5													
	LR4													
MONEYPOINT	MP1													
	MP2		F											
	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													
	PB6													
RHODE	RP1													
	RP2													
SEAL ROCK	SK3													
	SK4													S
TARBERT	TB1													
	TB2													
	TB3													
	TB4													
TURLOUGH HILL	TH1	F	F	F	F	F								
	TH2													
	TH3													
	TH4													
TAWNAGHMORE	TP1													
	TP3													
TYNAGH	TYC													
WEST OFFALY	WO4													

S = Scheduled Outage F = Forced Outage T = Under Test

Notes on 3-Month Outlook:

- (1) Based on information available as of 10th 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)

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