

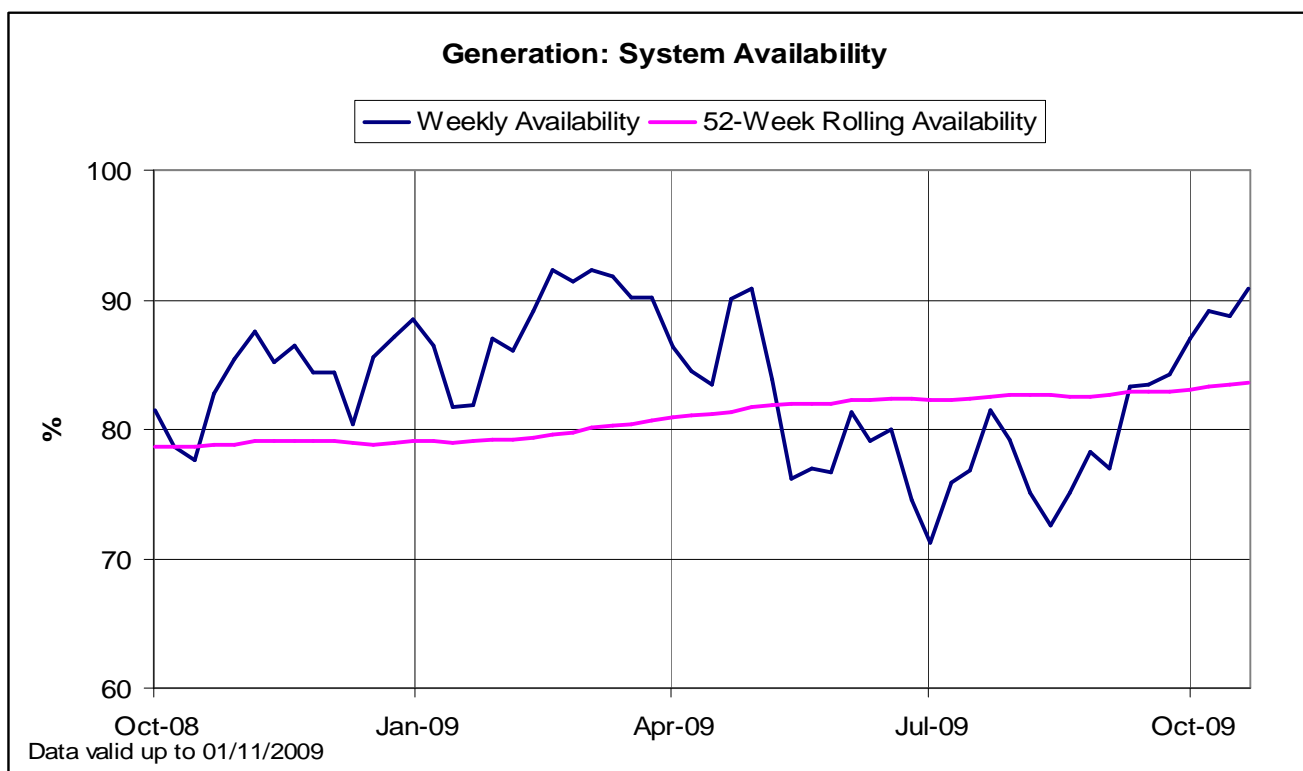


## EirGrid Monthly Availability Report – October 2009

This report, for October 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 November to January 2010.

### Key Points:

- The forced outage rate remained unchanged at 6.8% between September and October. This is equivalent to a forced outage rate of 2.8% when the long-term outage at Poolbeg Unit 3 is excluded.
- The monthly system availability increased from 80.5% in September to 88.0% in October. The main outages, in addition to the long-term outage at Poolbeg Unit 3, were the scheduled outages at Poolbeg Units 4 and 6 and Marina and the forced outages at Dublin Bay and Liffey Unit 2.
- The rolling 52-week availability increased from 82.9% in September to 83.6% in October.



### Definitions

**Availability:** the capacity-weighted percentage of the time from 00:00 Sunday 27<sup>th</sup> September to 00:00 Sunday 1<sup>st</sup> 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 - October 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	90.1	0.0	8.0	2.0	90.5
Edenderry Power Ltd	Edenderry - ED1	118	94.2	5.8	0.0	0.0	81.4
Endesa**	Great Island - GI1	54	100.0	0.0	0.0	--	93.0
	Great Island - GI2	54	91.2	8.8	0.0	--	86.1
	Great Island - GI3	109	100.0	0.0	0.0	--	87.8
	Rhode - RP1	52	100.0	0.0	0.0	--	97.7
	Rhode - RP2	52	100.0	0.0	0.0	--	97.9
	Tarbert - TB1	54	100.0	0.0	0.0	--	95.6
	Tarbert - TB2	54	100.0	0.0	0.0	--	94.5
	Tarbert - TB3	243	99.2	0.8	0.0	--	92.0
	Tarbert - TB4	243	100.0	0.0	0.0	--	90.5
	Tawnaghmore - TP1	52	100.0	0.0	0.0	--	97.3
	Tawnaghmore - TP3	52	100.0	0.0	0.0	--	98.7
ESB Power Generation	Ardnacrusha - AA1	21	100.0	0.0	0.0	--	96.3
	Ardnacrusha - AA2	22	64.2	0.0	35.8	--	90.7
	Ardnacrusha - AA3	19	100.0	0.0	0.0	--	97.3
	Ardnacrusha - AA4	24	99.6	0.4	0.0	--	98.9
	Aghada - AD1	257	100.0	0.0	0.0	0.0	81.9
	Aghada - AT1	90	100.0	0.0	0.0	0.0	69.0
	Aghada - AT2	90	99.5	0.5	0.0	0.0	97.5
	Aghada - AT4	90	99.9	0.1	0.0	0.0	99.7
	Erne - ER1	10	99.0	1.0	0.0	--	98.5
	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	100.0	0.0	0.0	--	85.1
	Lee - LE2	4	100.0	0.0	0.0	--	94.4
	Lee - LE3	8	100.0	0.0	0.0	--	96.0
	Liffey - LI1	15	55.5	14.9	29.5	--	94.2
	Liffey - LI2	15	0.0	70.5	29.5	--	88.8
	Liffey - LI4	4	100.0	0.0	0.0	--	99.7
	Liffey - LI5	4	97.5	2.5	0.0	--	73.7
	Lough Ree Power - LR4	90	73.0	6.3	20.8	--	92.1
	Moneypoint - MP1	285	97.5	2.5	0.0	--	86.0
	Moneypoint - MP2	285	99.1	0.9	0.0	--	84.0
	Moneypoint - MP3	285	95.2	2.6	2.1	--	76.6
	Marina - MRC	123	0.7	0.4	99.0	0.0	75.4
	North Wall - NWC	154	96.7	0.1	0.0	3.1	73.1
	North Wall - NW5	109	95.5	4.5	0.0	0.0	95.3
	Poolbeg - PB1	115	92.0	8.0	0.0	--	89.3
	Poolbeg - PB2	115	99.9	0.1	0.0	--	86.4
Poolbeg - PB3	242	0.0	100.0	0.0	--	0.0	
Poolbeg - PB4	154	68.4	8.2	22.8	0.6	93.5	
Poolbeg - PB5	150	95.2	0.0	1.0	3.8	96.0	
Poolbeg - PB6	173	58.2	13.0	28.8	0.1	89.3	
Turlough Hill - TH1	73	99.7	0.0	0.3	--	74.5	
Turlough Hill - TH2	73	99.5	0.5	0.0	--	94.3	
Turlough Hill - TH3	73	99.8	0.0	0.2	--	98.3	
Turlough Hill - TH4	73	99.3	0.0	0.7	--	93.6	
West Offaly Power - WO4	137	91.1	7.8	1.1	--	79.7	
Synergen	Dublin Bay - DB1	415	82.2	14.4	0.0	3.4	81.0
Tynagh Energy Ltd	Tynagh - TYC	400	96.3	0.0	0.0	3.7	81.7
Viridian Power & Energy	Huntstown - HNC	344	95.1	0.0	0.0	4.9	95.0
	Huntstown - HN2	408	96.6	0.0	0.0	3.4	88.2
<b>System Total Average Availability</b>			<b>88.0</b>	<b>6.8</b>	<b>4.0</b>	<b>1.2</b>	<b>83.6</b>

\* 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.

\*\* Endesa came under ownership of these 4 stations on 08/01/09

3-Month Outlook for Generation Scheduled and Known Forced Outages														
ISO Week Number		45	46	47	48	49	50	51	52	53	1	2	3	4
Beginning Monday		02-Nov	09-Nov	16-Nov	23-Nov	30-Nov	07-Dec	14-Dec	21-Dec	28-Dec	04-Jan	11-Jan	18-Jan	25-Jan
Station	Unit	November				December					January			
ARDNACRUSHA	AA1													
	AA2													
	AA3													
	AA4													
AGHADA	AD1													
	AT1													
	AT2													
	AT4													
DUBLINBAY	DB1													
EDENDERRY	ED1								S					
ERNE	ER1													
	ER2													
	ER3													
	ER4													
GREAT ISLAND	GI1													
	GI2													
	GI3													
HUNTSTOWN	HN2													
	HNC													
LEE	LE1													
	LE2													
	LE3													
LIFFEY	LI1													
	LI2	F	F	F										
	LI4													
	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													
	PB6													
RHODE	RP1													
	RP2													
SEAL ROCK	SK3													
	SK4													
TARBERT	TB1													
	TB2													
	TB3													
	TB4													
TURLOUGH HILL	TH1													
	TH2													
	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 6<sup>th</sup> November. 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)