

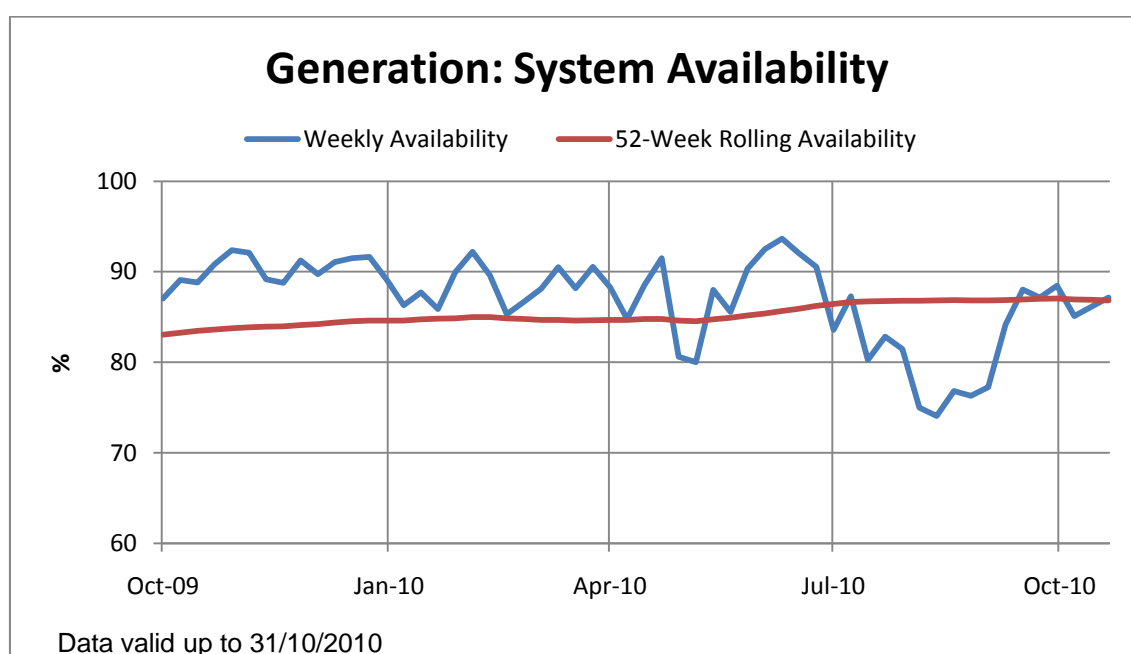


## EirGrid Monthly Availability Report – October 2010

This report, for October 2010, 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 2010 to January 2011.

### Key Points:

- The forced outage rate remained unchanged at 8.7%.
- The monthly system availability increased from 82.6% in September to 86.7% in October. The main outages were the scheduled outages at Turlough Hill U2, Poolbeg PB4, North Wall NW5 and Erne ER4 and the forced outages at Erne ER2, ER4, Marina MRC, North Wall NWC, Poolbeg PB6, and Turlough Hill U1, U3, U4.
- The rolling 52-week availability decreased from 87.0% in September to 86.83% in October.



### Definitions

**Availability:** the capacity-weighted percentage of the time from 00:00 Sunday 3<sup>rd</sup> October to 00:00 Sunday 31<sup>st</sup> October 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 2010							
Company	Unit	Capacity*	Availability %	Forced %	Scheduled %	Ambient %	52wk Rolling Availability %
Aughinish Alumina Ltd	Seal Rock - SK3	80	88.3	0.0	9.9	1.8	92.9
	Seal Rock - SK4	80	98.5	0.0	0.0	1.5	87.2
Edenderry Power Ltd	Edenderry - ED1	118	92.0	5.2	2.8	0.0	69.2
	Edenderry - ED3	58	100.0	0.0	0.0	0.0	-
	Edenderry - ED5	58	100.0	0.0	0.0	0.0	-
Endesa	Great Island - GI1	54	100.0	0.0	0.0	--	96.8
	Great Island - GI2	54	91.2	8.8	0.0	--	86.4
	Great Island - GI3	109	99.1	0.9	0.0	--	93.7
	Rhode - RP1	52	100.0	0.0	0.0	--	93.9
	Rhode - RP2	52	100.0	0.0	0.0	--	93.1
	Tarbert - TB1	54	100.0	0.0	0.0	--	99.6
	Tarbert - TB2	54	93.9	0.2	5.9	--	96.8
	Tarbert - TB3	243	100.0	0.0	0.0	--	97.4
	Tarbert - TB4	243	100.0	0.0	0.0	--	98.4
	Tawnaghmore - TP1	52	100.0	0.0	0.0	--	98.4
	Tawnaghmore - TP3	52	99.7	0.3	0.0	--	98.5
	Ardnacrusha - AA1	21	99.9	0.1	0.0	--	94.9
	Ardnacrusha - AA2	22	100.0	0.0	0.0	--	92.9
	Ardnacrusha - AA3	19	99.4	0.0	0.6	--	91.9
ESB Power Generation	Ardnacrusha - AA4	24	100.0	0.0	0.0	--	92.2
	Aghada - AD1	257	97.2	0.9	1.9	0.0	90.1
	Aghada - AD2	442	97.7	1.9	0.0	0.4	-
	Aghada - AT1	90	100.0	0.0	0.0	0.0	99.6
	Aghada - AT2	90	100.0	0.0	0.0	0.0	98.9
	Aghada - AT4	90	100.0	0.0	0.0	0.0	97.3
	Erne - ER1	10	100.0	0.0	0.0	--	96.8
	Erne - ER2	10	0.0	100.0	0.0	--	89.4
	Erne - ER3	23	100.0	0.0	0.0	--	99.5
	Erne - ER4	23	0.0	46.4	53.6	--	34.9
	Lee - LE1	15	99.6	0.4	0.0	--	89.1
	Lee - LE2	4	100.0	0.0	0.0	--	93.0
	Lee - LE3	8	95.4	3.1	1.5	--	92.5
	Liffey - LI1	15	100.0	0.0	0.0	--	91.9
	Liffey - LI2	15	100.0	0.0	0.0	--	80.3
	Liffey - LI4	4	0.0	100.0	0.0	--	82.8
	Liffey - LI5	4	100.0	0.0	0.0	--	97.5
	Lough Ree Power - LR4	90	93.7	6.3	0.0	--	56.4
	Moneypoint - MP1	285	99.9	0.1	0.0	--	86.9
	Moneypoint - MP2	285	96.6	3.4	0.0	--	91.0
	Moneypoint - MP3	285	100.0	0.0	0.0	--	95.1
	Marina - MRC	123	71.8	28.2	0.0	0.0	66.5
	North Wall - NWC	154	0.0	100.0	0.0	0.0	72.2
	North Wall - NW5	109	73.3	2.1	23.1	1.6	92.9
	Poolbeg - PB4	154	38.5	0.0	61.3	0.2	94.3
	Poolbeg - PB5	150	98.5	0.5	0.0	1.0	94.3
	Poolbeg - PB6	173	61.4	25.4	12.9	0.3	93.6
	Turlough Hill - TH1	73	0.0	100.0	0.0	--	68.5
	Turlough Hill - TH2	73	0.0	39.3	60.7	--	32.2
	Turlough Hill - TH3	73	0.0	100.0	0.0	--	68.8
	Turlough Hill - TH4	73	0.0	100.0	0.0	--	67.1
	West Offaly Power - WO4	137	97.6	2.4	0.0	--	85.6
Synergen	Dublin Bay - DB1	415	94.6	0.2	0.0	5.1	90.2
Tynagh Energy Ltd	Tynagh - TYC	400	94.1	2.7	0.0	3.3	87.9
Viridian Power & Energy	Huntstown - HNC	344	95.9	0.9	0.0	3.2	88.5
	Huntstown - HN2	408	93.0	0.1	3.9	3.0	92.7
System Total Average Availability			86.7	8.7	3.6	1.0	86.83

\* 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.

ISO Week Number		44	45	46	47	48	49	50	51	52	1	2	3	4
Beginning Monday		01-Nov	08-Nov	15-Nov	22-Nov	29-Nov	06-Dec	13-Dec	20-Dec	27-Dec	03-Jan	10-Jan	17-Jan	24-Jan
Station	Unit	November				December					January			
ARDNACRUSHA	AA1													
	AA2													
	AA3													
	AA4													
AGHADA	AD1													
	AD2													
	AT1													
	AT2													
	AT4													
DUBLINBAY	DB1													
EDENDERRY	ED1									S				
	ED3													
	ED5													
ERNE	ER1													
	ER2	F												
	ER3													
	ER4	F	F	F	F	F	F							
GREAT ISLAND	GI1													
	GI2													
	GI3													
HUNTSTOWN	HN2													
	HNC													
LEE	LE1													
	LE2													
	LE3													
LIFFEY	LI1													
	LI2													
	LI4													
	LI5													
LOUGH REE	LR4													
MONEYPOINT	MP1													
	MP2													
	MP3													
MARINA	MRC													
NORTH WALL	NW5													
	NWC	F	F	F	F	F	F	F	F	F	F	F	F	F
POOLBEG	PB4													
	PB5													
	PB6													
RHODE	RP1													
	RP2													
SEAL ROCK	SK3													
	SK4													
TARBERT	TB1													
	TB2													
	TB3													
	TB4													
TURLOUGH HILL	TH1	F	F	F	F	F	F	F	F	F	F	F	F	F
	TH2	F	F	F	F	F	F	F	F	F	F	F	F	F
	TH3	F	F	F	F	F	F	F	F	F	F	F	F	F
	TH4	F	F	F	F	F	F	F	F	F	F	F	F	F
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 4<sup>th</sup> November, 3-month Outlook is indicative only and subject to change.  
 (2) Some outages of less than 6 days duration are not shown on this outlook (e.g., a weekend outage)