

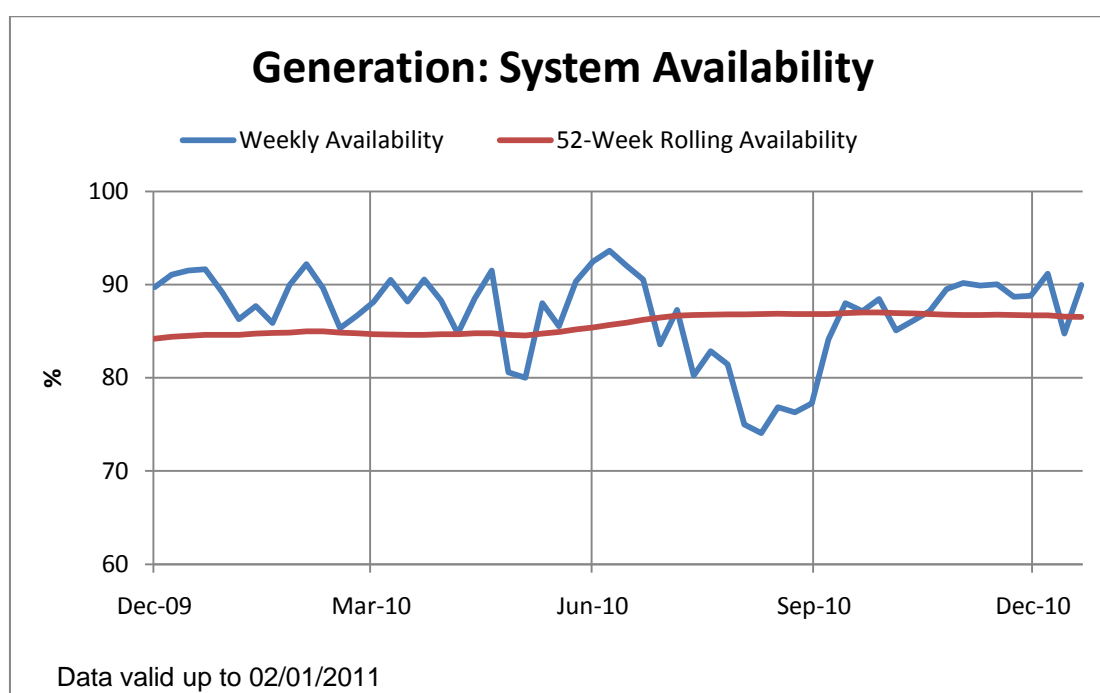


EirGrid Monthly Availability Report – December 2010

This report, for December 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 January to March 2011.

Key Points:

- The forced outage rate increased from 8.6% in November to 10.6% in December.
- The monthly system availability decreased from 90.1% in November to 88.7% in December. The main outages were the forced outages at Erne ER4, Liffey LI4, Marina MRC and the long-term outages at North Wall NWC and Turlough Hill station.
- The rolling 52-week availability decreased from 86.77% in November to 86.55% in December.



Definitions

Availability: the capacity-weighted percentage of the time from 00:00 Sunday 28th November to 00:00 Sunday 2nd 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 2010							
Company	Unit	Capacity*	Availability %	Forced %	Scheduled %	Ambient %	52wk Rolling Availability %
Aughinish Alumina Ltd	Seal Rock - SK3	80	94.0	5.9	0.0	0.1	92.6
	Seal Rock - SK4	80	83.0	17.0	0.0	0.0	85.8
Edenderry Power Ltd	Edenderry - ED1	118	93.2	6.8	0.0	0.0	71.7
	Edenderry - ED3	58	100.0	0.0	0.0	0.0	97.4**
	Edenderry - ED5	58	100.0	0.0	0.0	0.0	97.3**
Endesa	Great Island - GI1	54	92.8	7.2	0.0	--	96.1
	Great Island - GI2	54	91.2	8.8	0.0	--	86.4
	Great Island - GI3	109	100.0	0.0	0.0	--	94.1
	Rhode - RP1	52	100.0	0.0	0.0	--	94.5
	Rhode - RP2	52	100.0	0.0	0.0	--	93.5
	Tarbert - TB1	54	99.4	0.6	0.0	--	99.8
	Tarbert - TB2	54	99.7	0.3	0.0	--	96.8
	Tarbert - TB3	243	99.6	0.4	0.0	--	97.5
	Tarbert - TB4	243	99.0	1.0	0.0	--	98.3
	Tawnaghmore - TP1	52	90.0	10.0	0.0	--	97.6
	Tawnaghmore - TP3	52	97.3	2.7	0.0	--	98.2
ESB Power Generation	Ardnacrusha - AA1	21	100.0	0.0	0.0	--	95.0
	Ardnacrusha - AA2	22	87.8	12.2	0.0	--	93.6
	Ardnacrusha - AA3	19	99.5	0.5	0.0	--	91.8
	Ardnacrusha - AA4	24	99.4	0.0	0.6	--	92.1
	Aghada - AD1	257	98.7	1.3	0.0	0.0	90.0
	Aghada - AD2	442	99.8	0.2	0.0	0.0	91.9**
	Aghada - AT1	90	98.7	0.0	1.3	0.0	99.5
	Aghada - AT2	90	100.0	0.0	0.0	0.0	99.0
	Aghada - AT4	90	100.0	0.0	0.0	0.0	97.2
	Erne - ER1	10	99.9	0.0	0.1	--	96.9
	Erne - ER2	10	96.8	3.0	0.2	--	84.5
	Erne - ER3	23	99.6	0.0	0.4	--	99.4
	Erne - ER4	23	0.0	100.0	0.0	--	15.7
	Lee - LE1	15	99.5	0.5	0.0	--	90.6
	Lee - LE2	4	100.0	0.0	0.0	--	92.9
	Lee - LE3	8	100.0	0.0	0.0	--	92.4
	Liffey - LI1	15	99.9	0.1	0.0	--	94.0
	Liffey - LI2	15	99.9	0.1	0.0	--	93.3
	Liffey - LI4	4	66.8	33.2	0.0	--	70.0
	Liffey - LI5	4	100.0	0.0	0.0	--	97.5
	Lough Ree Power - LR4	90	93.2	0.6	6.3	--	57.3
	Moneypoint - MP1	285	93.3	6.7	0.0	--	86.6
	Moneypoint - MP2	285	100.0	0.0	0.0	--	92.4
	Moneypoint - MP3	285	93.0	7.0	0.0	--	96.2
	Marina - MRC	123	70.8	29.2	0.0	0.0	67.3
	North Wall - NWC	154	0.0	100.0	0.0	0.0	53.8
	North Wall - NW5	109	95.5	0.0	0.0	4.5	93.0
	Poolbeg - PB4	154	100.0	0.0	0.0	0.0	93.5
	Poolbeg - PB5	150	100.0	0.0	0.0	0.0	94.5
	Poolbeg - PB6	173	99.3	0.0	0.0	0.7	93.0
	Turlough Hill - TH1	73	0.0	100.0	0.0	--	49.4
	Turlough Hill - TH2	73	0.0	100.0	0.0	--	13.6
	Turlough Hill - TH3	73	0.0	100.0	0.0	--	49.9
	Turlough Hill - TH4	73	0.0	100.0	0.0	--	48.1
	West Offaly Power - WO4	137	78.7	21.3	0.0	--	87.3
Synergen	Dublin Bay - DB1	415	93.1	1.0	3.6	2.4	90.2
Tynagh Energy Ltd	Tynagh - TYC	400	86.8	11.7	0.0	1.5	87.7
Viridian Power & Energy	Huntstown - HNC	344	98.7	0.3	0.0	1.0	88.7
	Huntstown - HN2	408	99.0	0.3	0.0	0.7	92.1
Bord Gáis	Whitegate - WG1	445	87.9	11.8	0.3	0.0	97.8**
System Total Average Availability							86.55

* 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.

** ED3, ED5, AD2 and WG1 availability shown here is the average since commissioning and not 52-week rolling

ISO Week Number		1	2	3	4	5	6	7	8	9	10	11	12	13
Beginning Monday		03-Jan	10-Jan	17-Jan	24-Jan	31-Jan	07-Feb	14-Feb	21-Feb	28-Feb	07-Mar	14-Mar	21-Mar	28-Mar
Station	Unit	January				February				March				
ARDNACRUSHA	AA1													
	AA2													
	AA3													
	AA4													
AGHADA	AD1													
	AD2												S	
	AT1													
	AT2										S			
	AT4													
DUBLINBAY	DB1						S							
EDENDERRY	ED1													
	ED3													
	ED5													
ERNE	ER1													
	ER2													
	ER3								S	S	S	S	S	S
	ER4	F	F											
GREAT ISLAND	GI1													
	GI2													
	GI3													
HUNTSTOWN	HN2													
	HNC													
LEE	LE1													
	LE2													
	LE3													
LIFFEY	LI1													
	LI2													
	LI4	F								S	S	S	S	
	LI5													
LOUGH REE	LR4													
MONEYPPOINT	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													S
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													
WHITEGATE	WG1													

S = Scheduled Outage F = Forced Outage

Notes on 3-Month Outlook:

- (1) Based on information available as of 7th January, 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)