

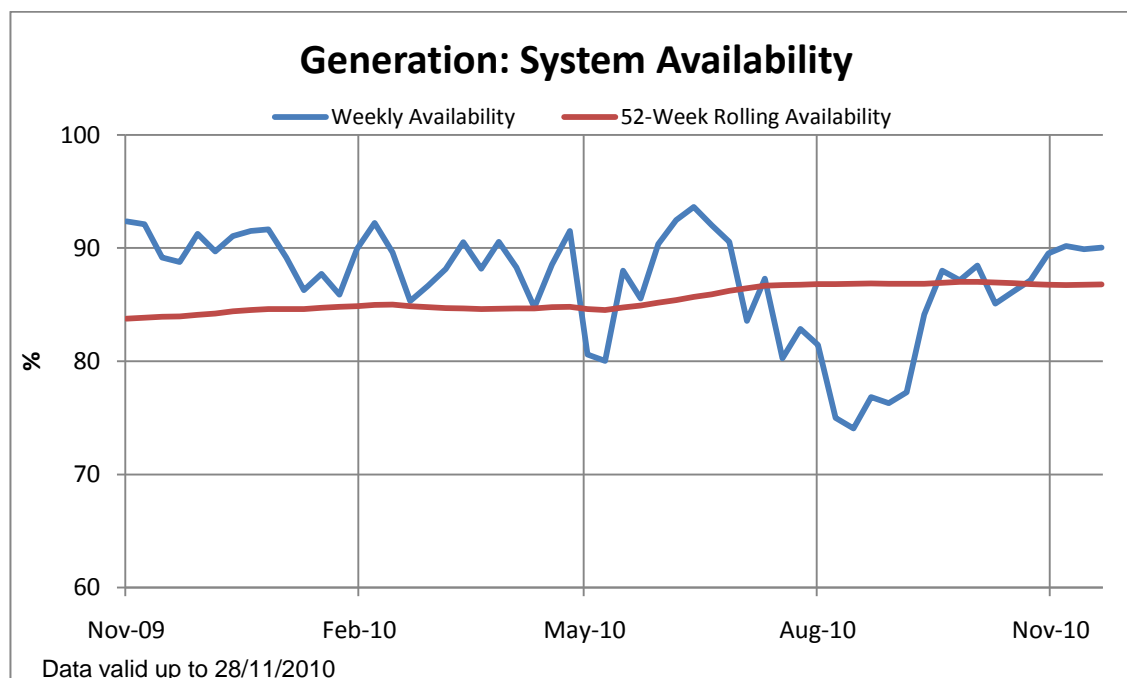


EirGrid Monthly Availability Report – November 2010

This report, for November 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 December 2010 to February 2011.

Key Points:

- The forced outage rate decreased from 8.7% in October to 8.6% in November.
- Whitegate WG1 became commercially available on Monday 8th November and is included in the statistics.
- The monthly system availability increased from 86.7% in October to 90.1% in November. The main outages were the forced outages at Erne ER2, ER4, Liffey LI4, Marina MRC, Moneypoint MP1 and the long-term outages at North Wall NWC and Turlough Hill station.
- The rolling 52-week availability decreased from 86.83% in October to 86.77% in November.



Definitions

Availability: the capacity-weighted percentage of the time from 00:00 Sunday 31st October to 00:00 Sunday 28th 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 2010							
Company	Unit	Capacity*	Availability %	Forced %	Scheduled %	Ambient %	52wk Rolling Availability %
Aughinish Alumina Ltd	Seal Rock - SK3	80	99.9	0.0	0.0	0.1	92.3
	Seal Rock - SK4	80	100.0	0.0	0.0	0.0	87.4
Edenderry Power Ltd	Edenderry - ED1	118	99.0	1.0	0.0	0.0	69.8
	Edenderry - ED3	58	100.0	0.0	0.0	0.0	96.2***
	Edenderry - ED5	58	100.0	0.0	0.0	0.0	96.1***
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	100.0	0.0	0.0	--	93.8
	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	99.8	0.2	0.0	--	99.6
	Tarbert - TB2	54	100.0	0.0	0.0	--	96.8
	Tarbert - TB3	243	100.0	0.0	0.0	--	97.4
	Tarbert - TB4	243	99.8	0.2	0.0	--	98.4
	Tawnaghmore - TP1	52	100.0	0.0	0.0	--	98.5
	Tawnaghmore - TP3	52	100.0	0.0	0.0	--	98.5
ESB Power Generation	Ardnacrusha - AA1	21	100.0	0.0	0.0	--	94.9
	Ardnacrusha - AA2	22	100.0	0.0	0.0	--	94.8
	Ardnacrusha - AA3	19	100.0	0.0	0.0	--	91.8
	Ardnacrusha - AA4	24	99.5	0.5	0.0	--	92.2
	Aghada - AD1	257	99.6	0.4	0.0	0.0	90.1
	Aghada - AD2	442	95.5	4.2	0.0	0.3	90.8***
	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	98.7	0.1	1.1	0.0	97.2
	Erne - ER1	10	100.0	0.0	0.0	--	96.9
	Erne - ER2	10	65.4	34.6	0.0	--	84.8
	Erne - ER3	23	98.6	0.0	1.4	--	99.4
	Erne - ER4	23	0.0	100.0	0.0	--	25.3
	Lee - LE1	15	99.1	0.0	0.9	--	89.3
	Lee - LE2	4	99.1	0.0	0.9	--	92.9
	Lee - LE3	8	96.9	3.1	0.0	--	92.4
	Liffey - LI1	15	97.9	0.0	2.1	--	91.7
	Liffey - LI2	15	100.0	0.0	0.0	--	89.9
	Liffey - LI4	4	0.0	100.0	0.0	--	73.2
	Liffey - LI5	4	100.0	0.0	0.0	--	97.5
	Lough Ree Power - LR4	90	99.3	0.7	0.0	--	56.7
	Moneypoint - MP1	285	87.3	12.7	0.0	--	87.2
	Moneypoint - MP2	285	99.8	0.2	0.0	--	91.1
	Moneypoint - MP3	285	99.3	0.7	0.0	--	96.7
	Marina - MRC	123	70.5	29.5	0.0	0.0	67.6
	North Wall - NWC	154	0.0	100.0	0.0	0.0	63.0
	North Wall - NW5	109	95.4	0.3	0.0	4.3	93.0
	Poolbeg - PB4	154	98.4	0.7	0.3	0.6	93.5
	Poolbeg - PB5	150	98.7	0.2	0.0	1.1	94.4
	Poolbeg - PB6	173	97.3	1.0	0.3	1.5	93.0
	Turlough Hill - TH1	73	0.0	100.0	0.0	--	59.0
	Turlough Hill - TH2	73	0.0	100.0	0.0	--	23.1
	Turlough Hill - TH3	73	0.0	100.0	0.0	--	59.3
	Turlough Hill - TH4	73	0.0	100.0	0.0	--	57.6
	West Offaly Power - WO4	137	95.8	4.2	0.0	--	86.5
Synergen	Dublin Bay - DB1	415	94.5	0.0	0.6	4.9	90.4
Tynagh Energy Ltd	Tynagh - TYC	400	96.6	0.3	0.0	3.2	88.2
Viridian Power & Energy	Huntstown - HNC	344	95.9	0.3	0.0	3.8	88.6
	Huntstown - HN2	408	92.9	0.0	3.4	3.7	92.1
Bord Gáis	Whitegate - WG1**	445	97.8	1.5	0.3	0.4	97.8***
System Total Average Availability			90.1	8.6	0.3	1.1	86.77

* 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.

** Whitegate included from 06:00 on 8th November

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

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

ISO Week Number		48	49	50	51	52	1	2	3	4	5	6	7	8
Beginning Monday		29-Nov	06-Dec	13-Dec	20-Dec	27-Dec	03-Jan	10-Jan	17-Jan	24-Jan	31-Jan	07-Feb	14-Feb	21-Feb
Station	Unit	December					January				February			
ARDNACRUSHA	AA1													
	AA2													
	AA3													
	AA4													
AGHADA	AD1													
	AD2										S			
	AT1													
	AT2													
	AT4													
DUBLINBAY	DB1													
EDENDERRY	ED1					S								
	ED3													
	ED5													
ERNE	ER1													
	ER2													
	ER3													S
	ER4	F	F	F	F	F	F	F						
GREAT ISLAND	GI1													
	GI2													
	GI3													
HUNTSTOWN	HN2													
	HNC													
LEE	LE1													
	LE2													
	LE3													
LIFFEY	LI1													
	LI2													
	LI4	F												
	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													
WHITEGATE	WG1													

S = Scheduled Outage F = Forced Outage

Notes on 3-Month Outlook:

- (1) Based on information available as of 2nd December, 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)