

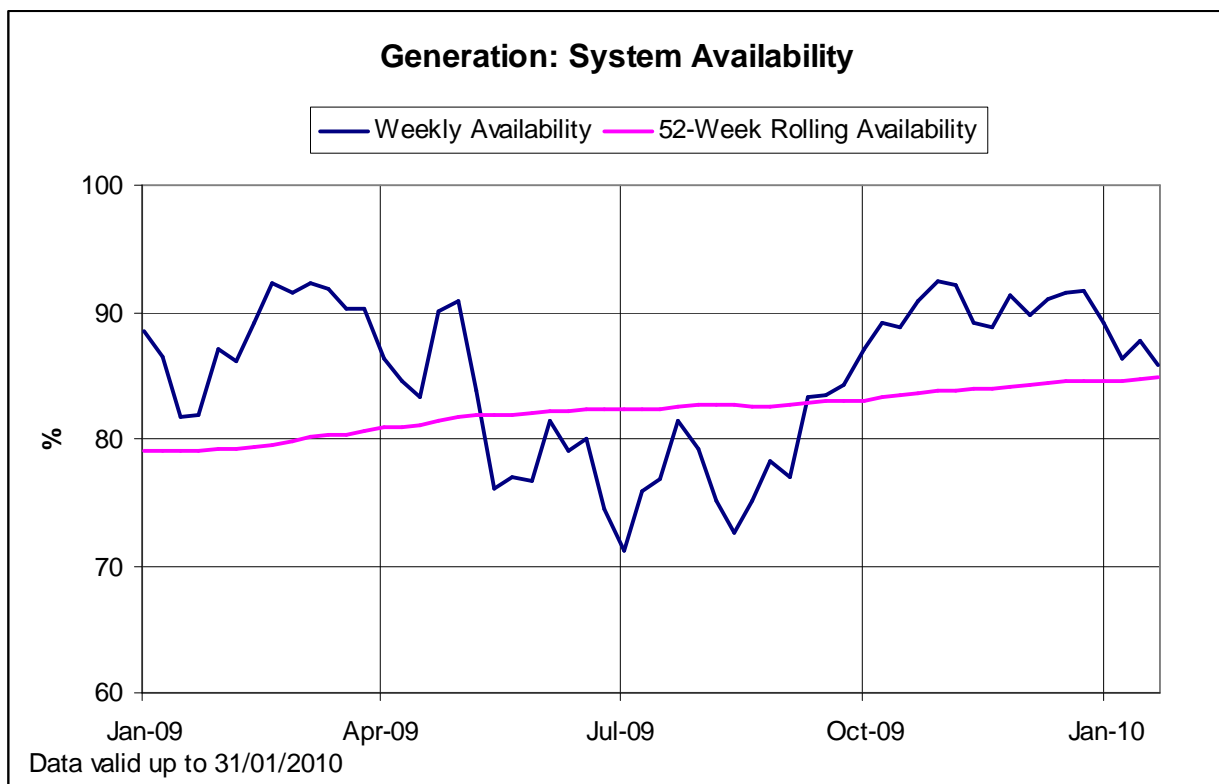


EirGrid Monthly Availability Report – January 2010

This report, for January 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 February to April 2010.

Key Points:

- The forced outage rate increased from 7.2% in December to 10.2% in January. This is equivalent to a forced outage rate of 6.3% when the long-term outage at Poolbeg Unit 3 is excluded.
- The monthly system availability decreased from 90.6% in December to 87.3% in January. The main outages, in addition to the long-term outage at Poolbeg Unit 3, were the scheduled outages at Moneypoint Unit 2 and Dublin Bay the forced outages at Dublin Bay, West Offaly Power, Tynagh and Great Island Units 1, 2 and 3.
- The rolling 52-week availability increased from 84.6% in December to 84.8% in January.



Definitions

Availability: the capacity-weighted percentage of the time from 00:00 Sunday 3rd January to 00:00 Sunday 31st 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 - January 2010							
Company	Unit	Capacity*	Availability %	Forced %	Scheduled %	Ambient %	52wk Rolling Availability %
Aughinish Alumina Ltd	Seal Rock - SK3	80	87.5	12.5	0.0	0.0	92.5
	Seal Rock - SK4	80	94.6	5.0	0.0	0.4	90.1
Edenderry Power Ltd	Edenderry - ED1	118	86.6	13.4	0.0	0.0	79.9
Endesa	Great Island - GI1	54	73.9	26.1	0.0	--	93.8
	Great Island - GI2	54	41.9	58.1	0.0	--	83.1
	Great Island - GI3	109	74.1	25.9	0.0	--	88.0
	Rhode - RP1	52	99.7	0.3	0.0	--	98.0
	Rhode - RP2	52	96.6	3.4	0.0	--	98.0
	Tarbert - TB1	54	98.9	1.1	0.0	--	95.2
	Tarbert - TB2	54	99.4	0.6	0.0	--	94.8
	Tarbert - TB3	243	98.7	1.3	0.0	--	95.4
	Tarbert - TB4	243	98.5	1.5	0.0	--	97.3
	Tawnaghmore - TP1	52	100.0	0.0	0.0	--	97.2
Tawnaghmore - TP3	52	100.0	0.0	0.0	--	98.8	
ESB Power Generation	Ardnacrusha - AA1	21	100.0	0.0	0.0	--	96.4
	Ardnacrusha - AA2	22	99.0	0.0	1.0	--	90.6
	Ardnacrusha - AA3	19	100.0	0.0	0.0	--	97.7
	Ardnacrusha - AA4	24	100.0	0.0	0.0	--	99.0
	Aghada - AD1	257	93.6	2.9	3.6	0.0	90.9
	Aghada - AT1	90	99.9	0.1	0.0	0.0	69.7
	Aghada - AT2	90	99.7	0.3	0.0	0.0	97.6
	Aghada - AT4	90	99.9	0.1	0.0	0.0	99.9
	Erne - ER1	10	100.0	0.0	0.0	--	98.7
	Erne - ER2	10	99.8	0.2	0.0	--	98.7
	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	99.7	0.3	0.0	--	88.2
	Lee - LE2	4	100.0	0.0	0.0	--	94.4
	Lee - LE3	8	99.8	0.2	0.0	--	95.8
	Liffey - LI1	15	99.1	0.9	0.0	--	91.8
	Liffey - LI2	15	100.0	0.0	0.0	--	77.7
	Liffey - LI4	4	100.0	0.0	0.0	--	99.7
	Liffey - LI5	4	87.8	12.2	0.0	--	76.1
	Lough Ree Power - LR4	90	89.1	10.9	0.0	--	90.8
	Moneypoint - MP1	285	96.1	3.9	0.0	--	86.8
	Moneypoint - MP2	285	80.1	5.7	14.2	--	86.4
	Moneypoint - MP3	285	93.9	5.2	0.9	--	76.4
	Marina - MRC	123	75.7	24.3	0.0	0.0	72.1
	North Wall - NWC	154	95.7	3.5	0.7	0.1	75.9
	North Wall - NW5	109	92.0	3.8	0.0	4.3	95.1
	Poolbeg - PB1	115	98.7	1.3	0.0	--	91.1
	Poolbeg - PB2	115	77.8	22.2	0.0	--	86.0
	Poolbeg - PB3	242	0.0	100.0	0.0	--	0.0
	Poolbeg - PB4	154	100.0	0.0	0.0	0.0	94.3
Poolbeg - PB5	150	92.4	0.0	7.6	0.0	96.1	
Poolbeg - PB6	173	96.2	0.0	3.8	0.0	91.8	
Turlough Hill - TH1	73	98.9	0.7	0.4	--	96.8	
Turlough Hill - TH2	73	98.0	1.4	0.6	--	96.4	
Turlough Hill - TH3	73	99.1	0.3	0.6	--	98.0	
Turlough Hill - TH4	73	97.7	1.4	0.9	--	93.4	
West Offaly Power - WO4	137	68.9	28.7	2.4	--	78.0	
Synergen	Dublin Bay - DB1	415	75.0	8.9	14.2	1.9	80.0
Tynagh Energy Ltd	Tynagh - TYC	400	85.4	12.2	0.0	2.4	82.0
Viridian Power & Energy	Huntstown - HNC	344	98.1	1.1	0.0	0.9	94.7
	Huntstown - HN2	408	97.8	1.7	0.0	0.5	88.1
System Total Average Availability			87.3	10.2	2.2	0.4	84.8

* 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.

3-Month Outlook for Generation Scheduled and Known Forced Outages														
ISO Week Number		5	6	7	8	9	10	11	12	13	14	15	16	17
Beginning Monday		01-Feb	08-Feb	15-Feb	22-Feb	01-Mar	08-Mar	15-Mar	22-Mar	29-Mar	05-Apr	12-Apr	19-Apr	26-Apr
Station	Unit	February				March				April				
ARDNACRUSHA	AA1											S	S	S
	AA2													
	AA3													
	AA4													
AGHADA	AD1													
	AT1													
	AT2													
	AT4											S		
DUBLINBAY	DB1													
EDENDERRY	ED1													
ERNE	ER1													
	ER2													
	ER3													
	ER4					S	S	S	S	S	S	S	S	S
GREAT ISLAND	GI1													
	GI2													
	GI3													
HUNTSTOWN	HN2										S			
	HNC													
LEE	LE1													
	LE2													
	LE3													
LIFFEY	LI1													
	LI2													
	LI4						S	S	S					
	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	S												
	PB6													
RHODE	RP1													
	RP2													
SEAL ROCK	SK3					S								
	SK4													
TARBERT	TB1													
	TB2													
	TB3													
	TB4													
TURLOUGH HILL	TH1													
	TH2				S	S	S	S	S	S	S	S	S	S
	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 8th February. 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)