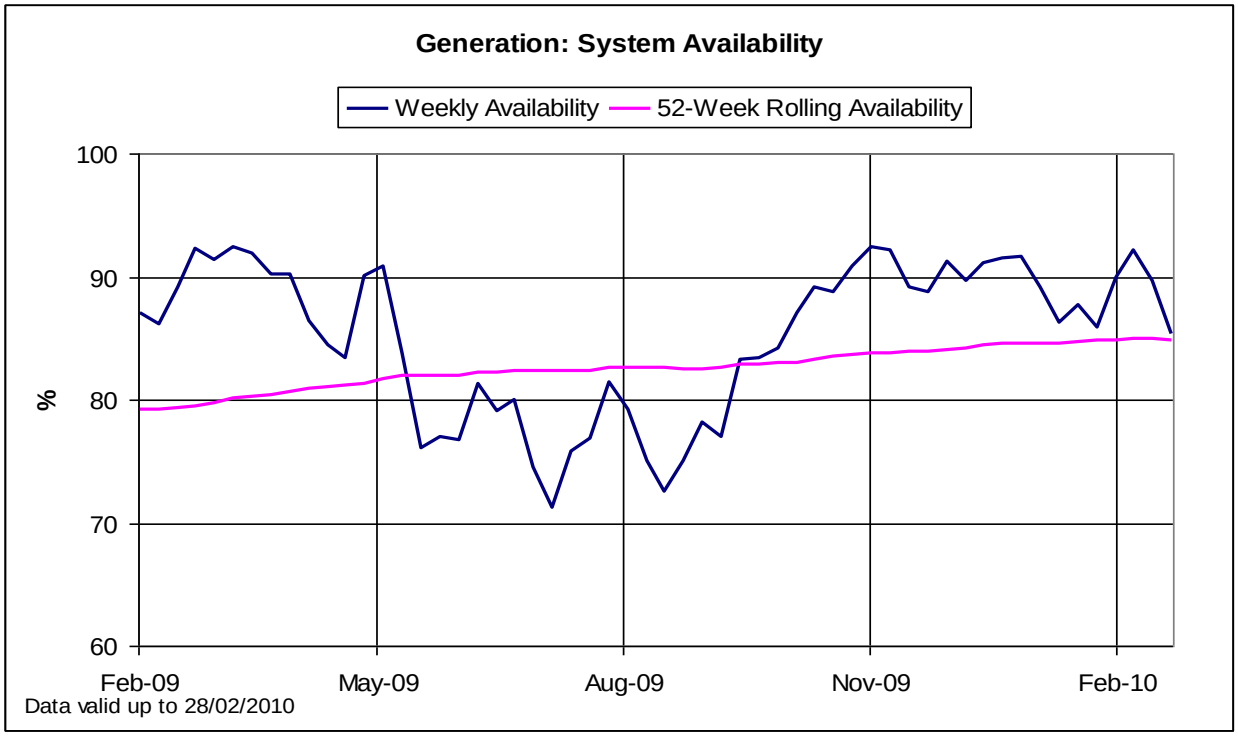
EirGrid Monthly Availability Report – February 2010

This report, for February 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 March to May 2010.

Key Points:

- The forced outage rate decreased from 10.2% in January to 8.8% in February. This is equivalent to a forced outage rate of 4.9% when the long-term outage at Poolbeg Unit 3 is excluded.
- The monthly system availability increased from 87.3% in January to 89.3% in February. The main outages, in addition to the long-term outage at Poolbeg Unit 3, were the scheduled outages at Poolbeg CG15 & ST16 and Turlough Hill Unit 2, and the forced outages at Dublin Bay, West Offaly Power and Marina.
- The rolling 52-week availability remained unchanged at 84.8%.



Definitions

Availability: the capacity-weighted percentage of the time from 00:00 Sunday 31st January to 00:00 Sunday 28th February 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 - February 2010

Company	Unit	Capacity*	Availability %	Forced %	Scheduled %	Ambient %	52wk Rolling Availability %
Aughinish Alumina Ltd	Seal Rock - SK3	80	99.8	*0.0*	*0.0*	*0.2*	*92.4*
	Seal Rock - SK4	80	93.3	*0.1*	*6.3*	*0.4*	*89.8*
Edenderry Power Ltd	Edenderry - ED1	118	91.3	*8.7*	*0.0*	*0.0*	*79.4*
Endesa	Great Island - GI1	54	100.0	*0.0*	*0.0*	--	*93.8*
	Great Island - GI2	54	91.2	*8.8*	*0.0*	--	*83.1*
	Great Island - GI3	109	100.0	*0.0*	*0.0*	--	*88.7*
	Rhode – RP1	52	100.0	*0.0*	*0.0*	--	*97.9*
	Rhode – RP2	52	100.0	*0.0*	*0.0*	--	*98.0*
	Tarbert – TB1	54	100.0	*0.0*	*0.0*	--	*95.2*
	Tarbert – TB2	54	100.0	*0.0*	*0.0*	--	*95.5*
	Tarbert – TB3	243	99.0	*1.0*	*0.0*	--	*95.4*
	Tarbert – TB4	243	99.7	*0.3*	*0.0*	--	*97.8*
	Tawnaghmore - TP1	52	100.0	*0.0*	*0.0*	--	*97.5*
	Tawnaghmore - TP3	52	100.0	*0.0*	*0.0*	--	*99.1*
ESB Power Generation	Ardnacrusha - AA1	21	100.0	*0.0*	*0.0*	--	*96.4*
	Ardnacrusha - AA2	22	100.0	*0.0*	*0.0*	--	*90.6*
	Ardnacrusha - AA3	19	100.0	*0.0*	*0.0*	--	*97.7*
	Ardnacrusha - AA4	24	98.0	*1.0*	*1.0*	--	*98.9*
	Aghada - AD1	257	100.0	*0.0*	*0.0*	*0.0*	*92.3*
	Aghada - AT1	90	99.7	*0.3*	*0.0*	*0.0*	*70.8*
	Aghada - AT2	90	89.4	*9.5*	*1.1*	*0.0*	*97.1*
	Aghada - AT4	90	92.8	*7.2*	*0.0*	*0.0*	*99.4*
	Erne - ER1	10	75.9	*24.1*	*0.0*	--	*98.1*
	Erne - ER2	10	100.0	*0.0*	*0.0*	--	*98.7*
	Erne - ER3	23	99.7	*0.3*	*0.0*	--	*95.2*
	Erne - ER4	23	99.2	*0.0*	*0.8*	--	*96.8*
	Lee - LE1	15	80.0	*4.8*	*15.2*	--	*88.1*
	Lee - LE2	4	100.0	*0.0*	*0.0*	--	*94.5*
	Lee - LE3	8	100.0	*0.0*	*0.0*	--	*95.8*
	Liffey - LI1	15	100.0	*0.0*	*0.0*	--	*91.8*
	Liffey - LI2	15	99.5	*0.5*	*0.0*	--	*77.6*
	Liffey - LI4	4	100.0	*0.0*	*0.0*	--	*99.7*
	Liffey - LI5	4	100.0	*0.0*	*0.0*	--	*83.8*
	Lough Ree Power - LR4	90	95.5	*4.5*	*0.0*	--	*92.1*
	Moneypoint - MP1	285	96.8	*3.2*	*0.0*	--	*87.0*
	Moneypoint - MP2	285	100.0	*0.0*	*0.0*	--	*91.9*
	Moneypoint - MP3	285	100.0	*0.0*	*0.0*	--	*77.7*
	Marina - MRC	123	69.0	*30.1*	*0.9*	*0.0*	*72.1*
	North Wall - NWC	154	87.7	*10.3*	*1.1*	*0.9*	*76.4*
	North Wall - NW5	109	95.5	*0.0*	*0.0*	*4.5*	*95.1*
	Poolbeg - PB1	115	100.0	*0.0*	*0.0*	--	*91.2*
	Poolbeg - PB2	115	92.8	*7.2*	*0.0*	--	*85.7*
	Poolbeg - PB3	242	0.0	*100.0*	*0.0*	--	*0.0*
	Poolbeg - PB4	154	99.5	*0.0*	*0.0*	*0.5*	*94.6*
	Poolbeg - PB5	150	78.9	*0.3*	*20.2*	*0.6*	*93.9*
	Poolbeg - PB6	173	85.5	*2.6*	*11.3*	*0.7*	*92.7*
	Turlough Hill - TH1	73	100.0	*0.0*	*0.0*	--	*96.9*
	Turlough Hill - TH2	73	78.4	*0.3*	*21.3*	--	*96.3*
	Turlough Hill - TH3	73	100.0	*0.0*	*0.0*	--	*98.0*
	Turlough Hill - TH4	73	99.5	*0.5*	*0.0*	--	*93.4*
	West Offaly Power - WO4	137	72.3	*27.7*	*0.0*	--	*75.9*
Synergen	Dublin Bay - DB1	415	68.4	*29.6*	*0.0*	*2.0*	*78.6*
Tynagh Energy Ltd	Tynagh - TYC	400	91.4	*4.6*	*0.0*	*4.0*	*81.6*
Viridian Power & Energy	Huntstown - HNC	344	97.7	*0.0*	*0.0*	*2.3*	*94.8*
	Huntstown - HN2	408	98.5	*0.0*	*0.0*	*1.5*	*88.1*
System Total Average Availability			**89.3**	***8.8***	***1.2***	***0.7***	**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.

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3-Month Outlook for Generation Scheduled and Known Forced Outages														
ISO Week Number		**9**	**10**	**11**	**12**	**13**	**14**	**15**	**16**	**17**	**18**	**19**	**20**	**21**
Beginning Monday		01-Mar	08-Mar	15-Mar	22-Mar	29-Mar	05-Apr	12-Apr	19-Apr	26-Apr	03-May	10-May	17-May	24-May
Station	**Unit**	**March**				**April**					**May**			
ARDNACRUSHA	AA1													
	AA2							S	S	S				
	AA3													
	AA4											S	S	S
AGHADA	AD1													
	AT1													
	AT2													
	AT4							S						
DUBLINBAY	DB1													
EDENDERRY	ED1					S								
ERNE	ER1													
	ER2													
	ER3													
	ER4	S	S	S	S	S	S	S	S	S	S	S	S	S
GREAT ISLAND	GI1													
	GI2													
	GI3													
HUNTSTOWN	HN2						S							
	HNC										S	S	S	S
LEE	LE1													
	LE2										S	S	S	
	LE3													
LIFFEY	LI1													
	LI2													
	LI4		S	S	S									
	LI5													
LOUGH REE	LR4										S	S	S	S
MONEYPOINT	MP1													
	MP2													
	MP3													
MARINA	MRC													
NORTH WALL	NW5													
	NWC													
POOLBEG	PB1													
	PB2													
	PB3	F	F	F	F									
	PB4													
	PB5													
	PB6													
RHODE	RP1													
	RP2													
SEAL ROCK	SK3	S	S											
	SK4													
TARBERT	TB1													
	TB2													
	TB3													
	TB4													
TURLOUGH HILL	TH1													
	TH2	S	S	S	S	S	S	S	S	S	S	S	S	S
	TH3													
	TH4													
TAWNAGHMORE	TP1													
	TP3													
TYNAGH	TYC									S	S			
WEST OFFALY	WO4													

S = Scheduled Outage F = Forced Outage

Notes on 3-Month Outlook:

(1) Based on information available as of 4th March. 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)

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