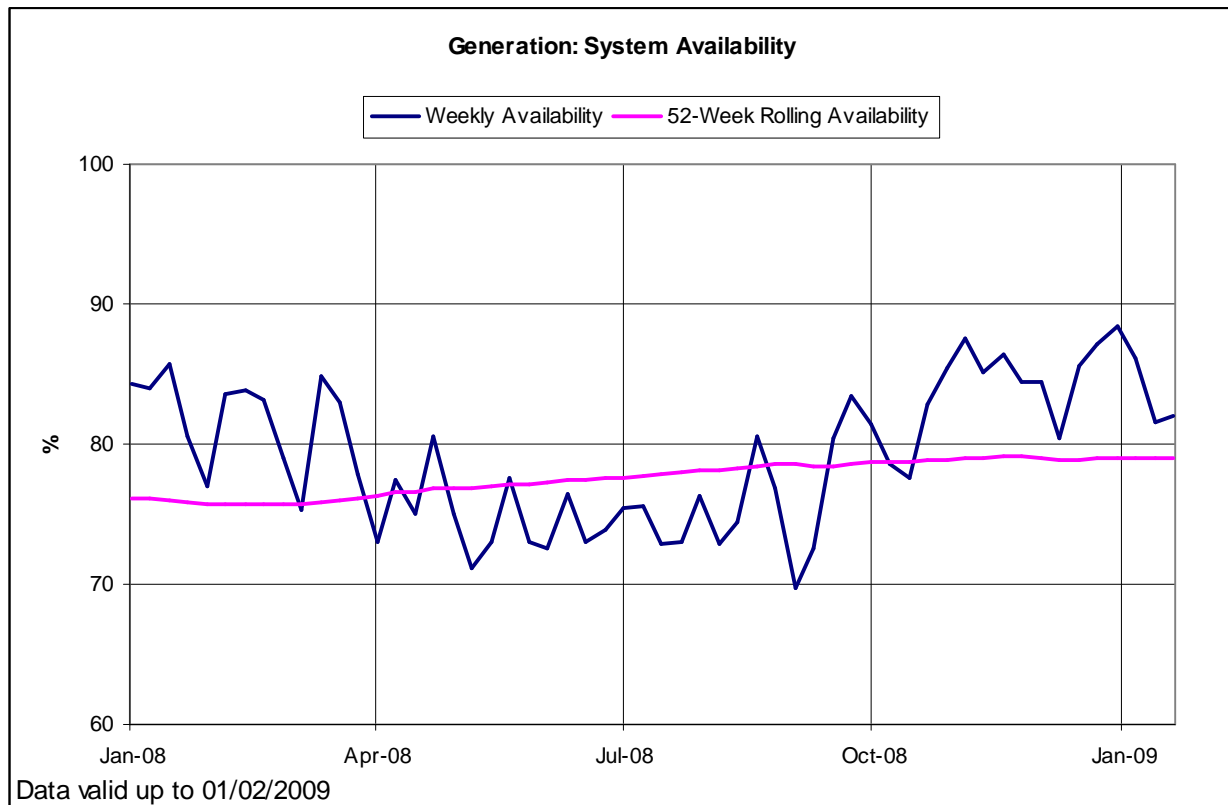


EirGrid Monthly Availability Report – January 2009

This report, for January 2009, 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 2009.

Key Points:

- The forced outage rate reduced from 15.3% in December to 12.2% in January. This is equivalent to a forced outage rate of 8.5% when the long-term outage at Poolbeg Unit 3 is excluded.
- The monthly system availability for January was 85.1%. There were few scheduled outages while the main forced outages, in addition to the long-term outage at Poolbeg Unit 3, were at Tarbert Unit 4 and West Offaly Power. Turlough Hill Unit 1 returned to service during January following an extended outage.
- The rolling 52-week availability remained largely unchanged at 79 %.



Definitions

Availability: the capacity-weighted percentage of the time from 00:00 Sunday 28th December to 00:00 Sunday 1st 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 - January 2009

Company	Unit	Capacity*	Availability %	Forced %	Scheduled %	Ambient %	52wk Rolling Availability %
Aughinish Alumina Ltd	Seal Rock - SK3	80	93.7	0.1	6.0	0.2	90.7
	Seal Rock - SK4	80	99.2	0.3	0.0	0.5	95.1
Edenderry Power Ltd	Edenderry - ED1	118	80.6	5.2	14.2	0.0	82.7
Endesa**	Great Island - GI1	54	100.0	0.0	0.0	--	82.4
	Great Island - GI2	54	91.2	8.8	0.0	--	79.7
	Great Island - GI3	109	83.4	16.6	0.0	--	74.6
	Rhode - RP1	52	100.0	0.0	0.0	--	97.9
	Rhode - RP2	52	100.0	0.0	0.0	--	98.2
ESB Power Generation	Tarbert - TB1	54	99.4	0.6	0.0	--	95.7
	Tarbert - TB2	54	94.1	5.9	0.0	--	96.1
	Tarbert - TB3	243	99.5	0.5	0.0	--	90.5
	Tarbert - TB4	243	54.5	45.5	0.0	--	86.6
	Tawnaghmore - TP1	52	100.0	0.0	0.0	--	94.5
	Tawnaghmore - TP3	52	100.0	0.0	0.0	--	87.4***
	Ardnacrusha - AA1	21	99.9	0.1	0.0	--	94.6
	Ardnacrusha - AA2	22	100.0	0.0	0.0	--	98.7
	Ardnacrusha - AA3	19	98.2	1.8	0.0	--	97.5
	Ardnacrusha - AA4	24	100.0	0.0	0.0	--	91.7
	Aghada - AD1	257	93.3	3.9	2.8	0.0	42.4
	Aghada - AT1	90	100.0	0.0	0.0	0.0	92.9
	Aghada - AT2	90	97.8	2.2	0.0	0.0	63.4
	Aghada - AT4	90	98.2	1.8	0.0	0.0	98.1
	Erne - ER1	10	99.1	0.0	0.9	--	95.1
	Erne - ER2	10	99.5	0.0	0.5	--	94.5
	Erne - ER3	23	99.7	0.0	0.3	--	96.2
	Erne - ER4	23	99.7	0.0	0.3	--	93.9
	Lee - LE1	15	81.0	19.0	0.0	--	90.0
	Lee - LE2	4	100.0	0.0	0.0	--	95.7
	Lee - LE3	8	100.0	0.0	0.0	--	91.9
	Liffey - LI1	15	100.0	0.0	0.0	--	98.9
	Liffey - LI2	15	100.0	0.0	0.0	--	96.6
	Liffey - LI4	4	100.0	0.0	0.0	--	99.3
	Liffey - LI5	4	45.1	54.9	0.0	--	94.6
	Lough Ree Power - LR4	90	74.8	25.2	0.0	--	84.2
	Moneypoint - MP1	285	82.7	8.0	9.3	--	84.3
	Moneypoint - MP2	285	92.3	4.9	2.7	--	56.9
	Moneypoint - MP3	285	77.7	14.0	8.3	--	90.3
	Marina - MRC	123	81.4	8.6	8.6	1.4	77.4
	North Wall - NWC	154	88.4	11.6	0.0	0.0	73.4
	North Wall - NW5	109	95.1	4.9	0.0	0.0	68.3
	Poolbeg - PB1	115	88.8	3.3	7.9	--	86.7
	Poolbeg - PB2	115	89.2	10.8	0.0	--	47.5
	Poolbeg - PB3	242	0.0	100.0	0.0	--	0.0
	Poolbeg - PB4	154	87.8	5.9	6.1	0.1	90.0
	Poolbeg - PB5	150	99.0	0.3	0.0	0.7	92.1
	Poolbeg - PB6	173	63.2	36.8	0.0	0.0	84.5
	Turlough Hill - TH1	73	24.7	73.2	2.2	--	2.4
	Turlough Hill - TH2	73	98.6	1.4	0.0	--	84.9
	Turlough Hill - TH3	73	100.0	0.0	0.0	--	92.9
	Turlough Hill - TH4	73	99.0	0.0	1.0	--	92.9
	West Offaly Power - WO4	137	54.6	45.4	0.0	--	76.8
Synergen	Dublin Bay - DB1	415	96.1	0.1	0.0	3.8	91.3
Tynagh Energy Ltd	Tynagh - TYC	400	95.3	0.4	0.0	4.3	83.7
Viridian Power & Energy	Huntstown - HNC	344	98.0	0.0	0.0	2.0	95.0
	Huntstown - HN2	408	98.9	0.0	0.0	1.1	94.1
System Total Average Availability			85.1	12.2	1.9	0.7	79.0****

* 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.

** Endesa came under ownership of these 4 stations on 08/01/09, the monthly stats for these units include when under ESB Power Gen ownership

*** The figure for TP3 is an average figure of the unit's availability since it was commissioned on 15/09/2008

**** The rolling 52-week system availability is calculated using the weekly availability figures and may vary due to plant commissioning and decommissioning

3-Month Outlook for Generation Scheduled and Known Forced Outages													
ISO Week Number	6	7	8	9	10	11	12	13	14	15	16	17	18
Beginning Monday	02-Feb	09-Feb	16-Feb	23-Feb	2-Mar	09-Mar	16-Mar	23-Mar	30-Mar	06-Apr	13-Apr	20-Apr	27-Apr
Station	Unit	February			March			April					
ARDNACRUSHA	AA1												
	AA2												
	AA3												S
	AA4												
AGHADA	AD1												
	AT1												S
	AT2												
	AT4												
DUBLINBAY	DB1												
EDENDERRY	ED1									S			
ERNE	ER1												S
	ER2												
	ER3												
	ER4												
GREAT ISLAND	GI1												
	GI2												
	GI3												
HUNTSTOWN	HN2												
	HNC									S			
LEE	LE1												
	LE2												
	LE3												
LIFFEY	LI1												
	LI2												
	LI4												
	LI5												
LOUGH REE	LR4												
MONEYPOINT	MP1												
	MP2	S	S	S									
	MP3												
MARINA	MRC												
NORTH WALL	NW5												
	NWC												
POOLBEG	PB1												
	PB2												
	PB3	F	F	F	F	F	F	F	F	F	F	F	F
	PB4												
	PB5												
	PB6												
RHODE	RP1												
	RP2												
SEAL ROCK	SK3												
	SK4										S	S	
TARBERT	TB1												
	TB2												
	TB3												
	TB4												
TURLOUGH HILL	TH1												
	TH2												
	TH3										S		
	TH4								S	S			
TAWNAGHMORE	TP1											S	
	TP3												S
TYNAGH	TYC												
WEST OFFALY	WO4												

S = Scheduled Outage F = Forced Outage

Notes on 3-Month Outlook:

- (1) Based on information available as of 10th 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)