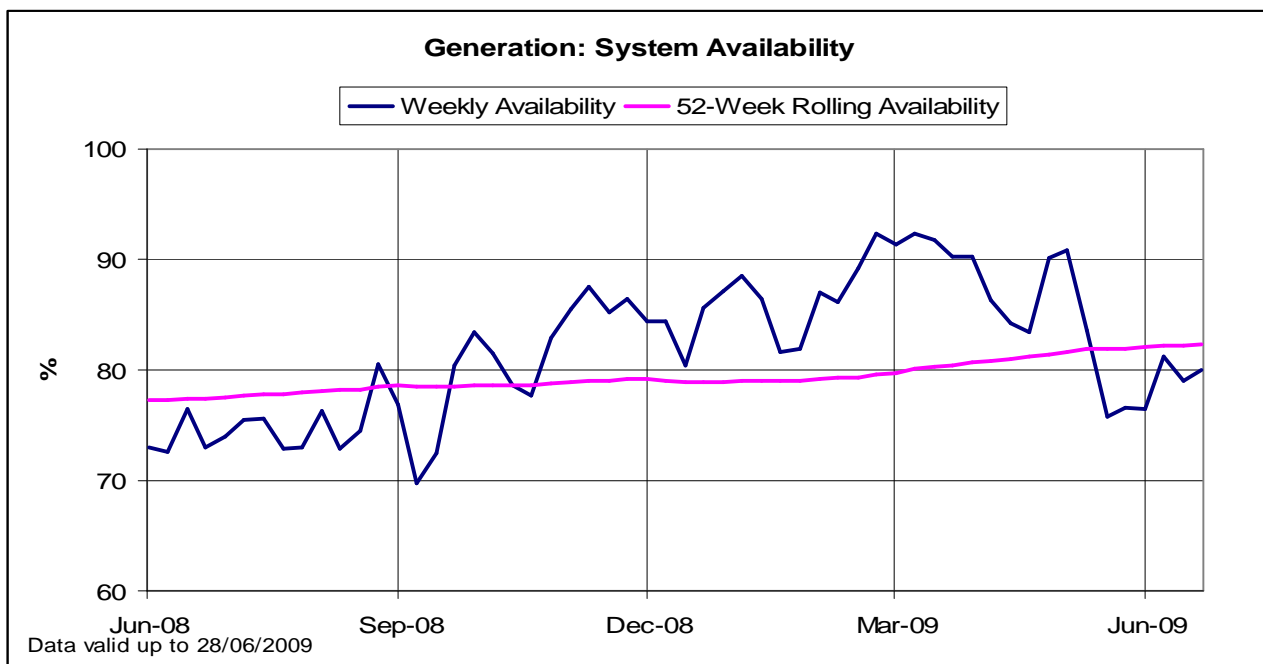


EirGrid Monthly Availability Report – June 2009

This report, for June 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 July to September 2009.

Key Points:

- The forced outage rate increased from 6.4% in May to 7.8% in June. This is equivalent to a forced outage rate of 3.8% when the long-term outage at Poolbeg Unit 3 is excluded.
- The monthly system availability decreased from 81.7% in May to 79.3% in June. The main outages, in addition to the long-term outage at Poolbeg Unit 3, were the scheduled outages at Aghada AT1, Moneypoint Unit 3 and North Wall CC and the forced outages at Huntstown HN2, Turlough Hill U2 and Marina.
- The rolling 52-week availability increased from 81.9% to 82.4%.



Definitions

Availability: the capacity-weighted percentage of the time from 00:00 Sunday 31st May to 00:00 Sunday 28th June 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)

HOW TO CONTACT US

General Queries

Tel: +353 1 23 70000

Email: info@eirgrid.com

Power System Operation

Doireann Barry

Tel: +353 1 23 70196

Email: doireann.barry@eirgrid.com

www.eirgrid.com

Unit-by-Unit Average Monthly Availability - June 2009							
Company	Unit	Capacity*	Availability %	Forced %	Scheduled %	Ambient %	52wk Rolling Availability %
Aughinish Alumina Ltd	Seal Rock - SK3	80	91.5	0.0	6.5	2.0	92.2
	Seal Rock - SK4	80	95.2	1.0	0.0	3.8	91.7
Edenderry Power Ltd	Edenderry - ED1	118	77.9	15.1	7.0	0.0	80.1
Endesa**	Great Island - GI1	54	100.0	0.0	0.0	--	90.2
	Great Island - GI2	54	91.2	8.8	0.0	--	85.6
	Great Island - GI3	109	96.1	0.0	3.9	--	92.5
	Rhode - RP1	52	100.0	0.0	0.0	--	98.5
	Rhode - RP2	52	100.0	0.0	0.0	--	98.7
	Tarbert - TB1	54	75.8	0.0	23.8	--	94.6
	Tarbert - TB2	54	75.8	0.0	23.8	--	94.4
	Tarbert - TB3	243	100.0	0.0	0.0	--	91.6
	Tarbert - TB4	243	100.0	0.0	0.0	--	86.8
	Tawnaghmore - TP1	52	77.4	0.1	22.5	--	92.3
	Tawnaghmore - TP3	52	87.9	0.0	12.1	--	92.3***
	ESB Power Generation	Ardnacrusha - AA1	21	100.0	0.0	0.0	--
Ardnacrusha - AA2		22	89.7	9.3	1.0	--	98.9
Ardnacrusha - AA3		19	97.5	0.0	2.5	--	96.3
Ardnacrusha - AA4		24	95.3	0.0	4.7	--	91.0
Aghada - AD1		257	97.8	2.2	0.0	0.0	53.6
Aghada - AT1		90	0.0	0.0	100.0	0.0	77.0
Aghada - AT2		90	97.9	0.0	2.1	0.0	93.0
Aghada - AT4		90	100.0	0.0	0.0	0.0	99.6
Erne - ER1		10	100.0	0.0	0.0	--	94.7
Erne - ER2		10	99.9	0.1	0.0	--	95.1
Erne - ER3		23	44.7	0.2	55.1	--	95.2
Erne - ER4		23	100.0	0.0	0.0	--	96.7
Lee - LE1		15	8.4	0.0	91.6	--	87.3
Lee - LE2		4	100.0	0.0	0.0	--	94.5
Lee - LE3		8	100.0	0.0	0.0	--	91.9
Liffey - LI1		15	100.0	0.0	0.0	--	99.7
Liffey - LI2		15	100.0	0.0	0.0	--	99.9
Liffey - LI4		4	100.0	0.0	0.0	--	100.0
Liffey - LI5		4	100.0	0.0	0.0	--	87.3
Lough Ree Power - LR4		90	99.8	0.2	0.0	--	86.2
Moneypoint - MP1		285	91.9	8.1	0.0	--	90.1
Moneypoint - MP2		285	99.5	0.5	0.0	--	77.9
Moneypoint - MP3		285	0.0	0.0	100.0	--	79.8
Marina - MRC		123	73.4	26.6	0.0	0.0	83.5
North Wall - NWC		154	19.6	1.5	78.6	0.3	72.2
North Wall - NW5		109	95.5	4.5	0.0	0.0	73.0
Poolbeg - PB1		115	97.9	1.7	0.4	--	92.0
Poolbeg - PB2		115	71.5	1.3	27.2	--	68.9
Poolbeg - PB3		242	0.0	100.0	0.0	--	0.0
Poolbeg - PB4		154	91.9	0.1	7.5	0.5	90.7
Poolbeg - PB5		150	96.1	0.0	0.0	3.9	93.8
Poolbeg - PB6		173	96.0	0.0	4.0	0.0	84.7
Turlough Hill - TH1	73	100.0	0.0	0.0	--	40.0	
Turlough Hill - TH2	73	64.5	25.4	10.1	--	94.3	
Turlough Hill - TH3	73	98.5	1.5	0.0	--	98.3	
Turlough Hill - TH4	73	100.0	0.0	0.0	--	95.2	
West Offaly Power - WO4	137	95.0	5.0	0.0	--	79.1	
Synergen	Dublin Bay - DB1	415	93.0	0.8	0.0	6.1	93.6
Tynagh Energy Ltd	Tynagh - TYC	400	89.7	0.0	4.1	6.2	88.8
Viridian Power & Energy	Huntstown - HNC	344	95.0	0.0	0.0	4.9	95.4
	Huntstown - HN2	408	56.4	25.6	14.0	2.0	88.1
System Total Average Availability			79.3	7.8	11.4	1.3	82.4

* 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 figure for TP3 is an average figure of the unit's availability since it was commissioned on 15/09/2008, following its move from Aghada.

3-Month Outlook for Generation Scheduled and Known Forced Outages													
ISO Week Number	27	28	29	30	31	32	33	34	35	36	37	38	39
Beginning Monday	29-Jun	6-Jul	13-Jul	20-Jul	27-Jul	03-Aug	10-Aug	17-Aug	24-Aug	31-Aug	07-Sep	14-Sep	21-Sep
Station	Unit	July				August				September			
ARDNACRUSHA	AA1									S			
	AA2											S	S
	AA3												
	AA4										S		
AGHADA	AD1					S	S						
	AT1	S	S	S	S								
	AT2												
	AT4												
DUBLINBAY	DB1						S	S	S	S	S	S	
EDENDERRY	ED1					S	S	S	S				
ERNE	ER1												
	ER2												
	ER3												
	ER4												
GREAT ISLAND	GI1												
	GI2												
	GI3	S	S	S	S								
HUNTSTOWN	HN2												
	HNC												
LEE	LE1												
	LE2												
	LE3			S	S	S							
LIFFEY	LI1												S
	LI2												S
	LI4												
	LI5								S	S			
	LR4												
MONEYPOINT	MP1								S				
	MP2												
	MP3	S	S										
MARINA	MRC											S	
NORTH WALL	NW5												
	NWC	S	S	S	S	S							
POOLBEG	PB1						S	S	S	S			
	PB2												
	PB3	F	F	F	F	F	F	F	F	F	F	F	F
	PB4												S
	PB5												
	PB6												S
RHODE	RP1						S						
	RP2							S					
SEAL ROCK	SK3								S	S			
	SK4												
TARBERT	TB1												
	TB2												
	TB3		S	S									
	TB4				S								
TURLOUGH HILL	TH1												
	TH2												
	TH3												
	TH4												
TAWNAGHMORE	TP1												
	TP3												
TYNAGH	TYC	S	S	S	S								
WEST OFFALY	WO4						S	S	S	S	S	S	

S = Scheduled Outage F = Forced Outage

Notes on 3-Month Outlook:

- (1) Based on information available as of 3rd July. 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)