

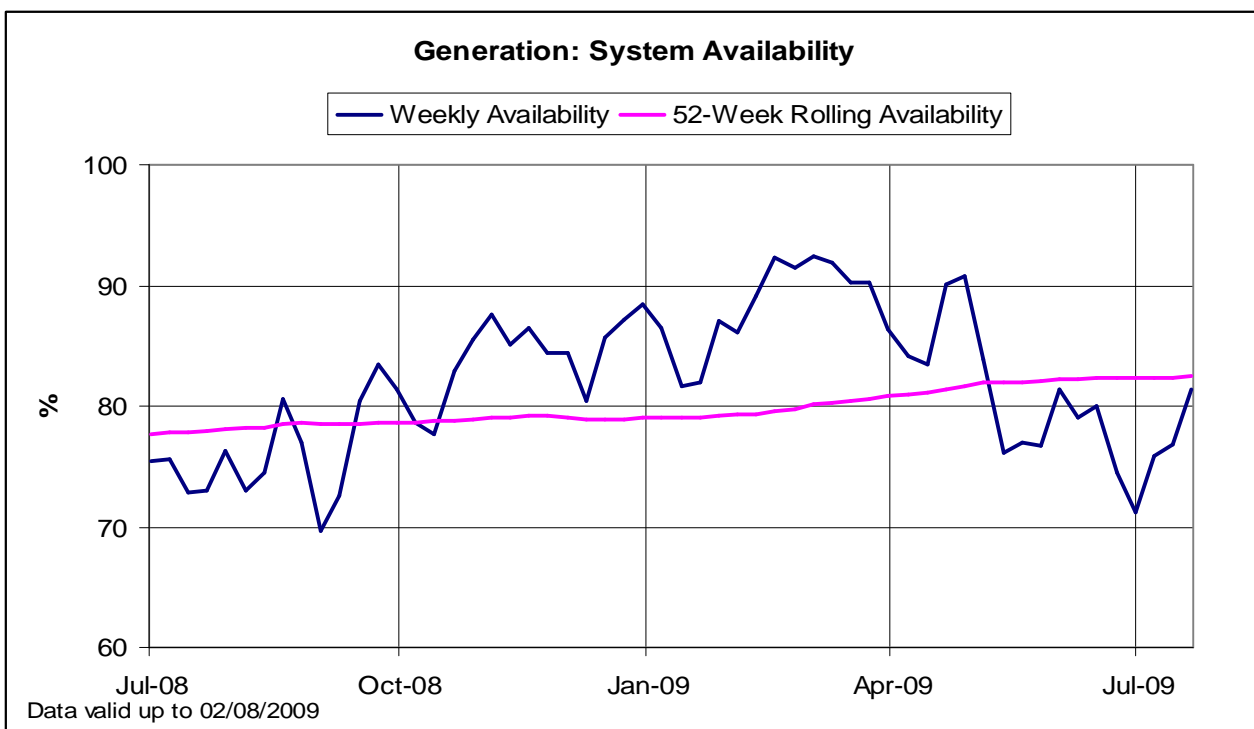


EirGrid Monthly Availability Report – July 2009

This report, for July 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 August to October 2009.

Key Points:

- The forced outage rate decreased from 7.8% in June to 6.6% in July. This is equivalent to a forced outage rate of 2.6% when the long-term outage at Poolbeg Unit 3 is excluded.
- The monthly system availability decreased from 79.3% in June to 76.0% in July. The main outages, in addition to the long-term outage at Poolbeg Unit 3, were the scheduled outages at Aghada AT1, Moneypoint Unit 3, North Wall CC, Tarbert Unit 3 and Tynagh and the forced outages at Moneypoint Unit 1 and Turlough Hill U4.
- The rolling 52-week availability remained largely unchanged at 82.5%.



Definitions

Availability: the capacity-weighted percentage of the time from 00:00 Sunday 28th June to 00:00 Sunday 2nd August 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 - July 2009								
Company	Unit	Capacity*	Availability %	Forced %	Scheduled %	Ambient %	52wk Rolling Availability %	
Aughinish Alumina Ltd	Seal Rock - SK3	80	96.9	0.1	0.0	2.9	92.4	
	Seal Rock - SK4	80	94.4	0.2	0.0	5.4	91.5	
Edenderry Power Ltd	Edenderry - ED1	118	85.0	11.0	4.0	0.0	85.5	
Endesa**	Great Island - GI1	54	99.6	0.4	0.0	--	92.1	
	Great Island - GI2	54	91.0	9.0	0.0	--	85.6	
	Great Island - GI3	109	21.0	0.0	79.0	--	85.6	
	Rhode - RP1	52	100.0	0.0	0.0	--	98.5	
	Rhode - RP2	52	99.6	0.4	0.0	--	98.7	
	Tarbert - TB1	54	99.7	0.3	0.0	--	95.5	
	Tarbert - TB2	54	98.9	1.1	0.0	--	94.5	
	Tarbert - TB3	243	59.7	0.8	39.4	--	92.0	
	Tarbert - TB4	243	80.6	0.9	18.5	--	85.4	
	Tawnaghmore - TP1	52	99.0	0.0	1.0	--	96.2	
	Tawnaghmore - TP3	52	100.0	0.0	0.0	--	93.1***	
	ESB Power Generation	Ardnacrusha - AA1	21	96.8	0.1	3.2	--	94.5
		Ardnacrusha - AA2	22	92.9	0.0	7.1	--	98.3
Ardnacrusha - AA3		19	93.4	0.0	6.6	--	97.3	
Ardnacrusha - AA4		24	96.5	0.1	3.4	--	91.3	
Aghada - AD1		257	96.2	3.8	0.0	0.0	62.9	
Aghada - AT1		90	0.0	0.0	100.0	0.0	67.4	
Aghada - AT2		90	100.0	0.0	0.0	0.0	95.9	
Aghada - AT4		90	100.0	0.0	0.0	0.0	99.6	
Erne - ER1		10	100.0	0.0	0.0	--	98.6	
Erne - ER2		10	99.9	0.1	0.0	--	98.6	
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	83.0	11.9	5.1	--	86.1	
Lee - LE2		4	98.9	1.1	0.0	--	94.4	
Lee - LE3		8	59.4	0.0	40.6	--	93.4	
Liffey - LI1		15	100.0	0.0	0.0	--	99.8	
Liffey - LI2		15	100.0	0.0	0.0	--	100.0	
Liffey - LI4		4	97.6	2.4	0.0	--	99.8	
Liffey - LI5		4	4.5	95.5	0.0	--	78.1	
Lough Ree Power - LR4		90	93.6	6.4	0.0	--	85.7	
Moneypoint - MP1		285	83.3	16.7	0.0	--	89.5	
Moneypoint - MP2		285	96.0	2.6	1.4	--	81.8	
Moneypoint - MP3		285	54.7	3.3	42.1	--	75.5	
Marina - MRC		123	86.3	12.6	1.1	0.0	83.1	
North Wall - NWC		154	0.0	0.0	100.0	0.0	65.4	
North Wall - NW5		109	95.5	4.5	0.0	0.0	79.2	
Poolbeg - PB1		115	99.9	0.1	0.0	--	92.5	
Poolbeg - PB2		115	96.0	4.0	0.0	--	76.4	
Poolbeg - PB3		242	0.0	100.0	0.0	--	0.0	
Poolbeg - PB4		154	95.6	0.0	0.0	4.4	91.2	
Poolbeg - PB5	150	94.5	0.1	0.0	5.4	93.7		
Poolbeg - PB6	173	98.3	0.0	0.0	1.7	85.0		
Turlough Hill - TH1	73	100.0	0.0	0.0	--	49.6		
Turlough Hill - TH2	73	99.8	0.0	0.2	--	94.4		
Turlough Hill - TH3	73	98.3	0.7	1.0	--	98.2		
Turlough Hill - TH4	73	82.3	17.7	0.0	--	93.6		
West Offaly Power - WO4	137	95.0	5.0	0.0	--	85.2		
Synergen	Dublin Bay - DB1	415	92.2	0.1	0.0	7.7	93.5	
Tynagh Energy Ltd	Tynagh - TYC	400	0.0	0.0	100.0	0.0	82.1	
Viridian Power & Energy	Huntstown - HNC	344	93.7	0.0	0.0	6.3	95.3	
	Huntstown - HN2	408	94.8	0.0	0.0	5.2	88.2	
System Total Average Availability			76.0	6.6	15.9	1.5	82.5	

* 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.

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

3-Month Outlook for Generation Scheduled and Known Forced Outages															
ISO Week Number		32	33	34	35	36	37	38	39	40	41	42	43	44	
Beginning Monday		03-Aug	10-Aug	17-Aug	24-Aug	31-Aug	07-Sep	14-Sep	21-Sep	28-Sep	05-Oct	12-Oct	19-Oct	26-Oct	
Station	Unit	August				September				October					
ARDNACRUSHA	AA1					S									
	AA2							S	S	S					
	AA3														
	AA4						S								
AGHADA	AD1		S	S											
	AT1	F													
	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														
HUNTSTOWN	HN2														
	HNC														
LEE	LE1														
	LE2														
	LE3														
LIFFEY	LI1								S	S					
	LI2								S						
	LI4														
	LI5	F			S	S									
LOUGH REE	LR4								S						
MONEYPOINT	MP1				S										
	MP2														
	MP3														
MARINA	MRC							S	S	S	S	S	S	S	
NORTH WALL	NW5														
	NWC														
POOLBEG	PB1		S	S	S	S									
	PB2														
	PB3	F	F	F	F	F	F	F	F	F	F	F	F	F	
	PB4								S						
	PB5												S		
	PB6								S						
RHODE	RP1											S			
	RP2												S		
SEAL ROCK	SK3				S	S									
	SK4														
TARBERT	TB1														
	TB2														
	TB3														
	TB4														
TURLOUGH HILL	TH1														
	TH2														
	TH3														
	TH4														
TAWNAGHMORE	TP1														
	TP3														
TYNAGH	TYC														
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 7th August. 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)