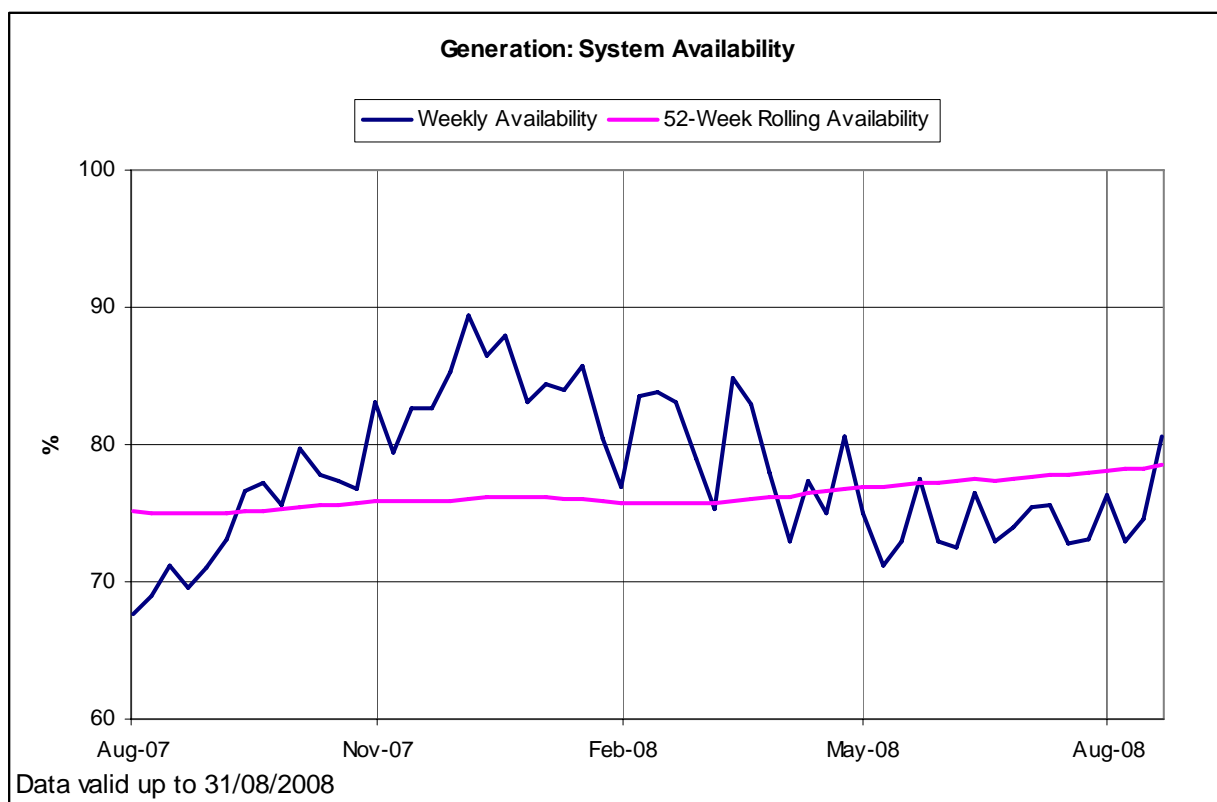


## EirGrid Monthly Availability Report – August 2008

This report, for August 2008, 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 September to November 2008.

### Key Points:

- The forced outage rate decreased from 10.3% in July to 8.2% in August. The rolling 52-week forced outage rate is 12.1% which is in-line with the system forced outage rate used as part of the 2008/09 Winter Outlook Analysis.
- The monthly system availability for August was 76.1%. There were scheduled outages at Aghada Unit 1, Seal Rock Unit 3, North Wall Unit 5, Tarbert Unit 4 and West Offaly Unit 4. The main forced outages, in addition to the long-term outages at Turlough Hill Unit 1 and Poolbeg Unit 3, were the outages of Poolbeg Unit 2 and Edenderry Unit 1.
- The rolling 52-week availability is 78.5% and this is the highest the 52-week rolling availability has been since early 2007.



### Definitions

**Availability:** the capacity-weighted percentage of the time from 00:00 Sunday 3<sup>rd</sup> August to 00:00 Sunday 31<sup>st</sup> 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)

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## Unit-by-Unit Average Monthly Availability - August 2008

Company	Unit	Capacity*	Availability %	Forced %	Scheduled %	Ambient %	52wk Rolling Availability %	
Aughinish Alumina Ltd	Seal Rock - SK3	80	30.9	0.0	68.4	0.7	90.7	
	Seal Rock - SK4	80	96.1	0.2	0.0	3.7	95.7	
Edenderry Power Ltd	Edenderry - ED1	118	34.6	34.6	30.8	0.0	83.4	
ESB Power Generation	Ardnacrusha - AA1	21	100.0	0.0	0.0	--	94.7	
	Ardnacrusha - AA2	22	100.0	0.0	0.0	--	98.7	
	Ardnacrusha - AA3	19	100.0	0.0	0.0	--	97.9	
	Ardnacrusha - AA4	24	35.4	47.9	16.7	--	92.9	
	Aghada - AD1	257	0.0	0.0	100.0	0.0	65.6	
	Aghada - AT1	90	99.5	0.5	0.0	0.0	94.7	
	Aghada - AT2	90	96.3	0.2	3.4	0.0	23.0	
	Aghada - AT4	90	99.9	0.1	0.0	0.0	86.9	
	Aghada - AP5**	--	--	--	--	--	--	--
	Erne - ER1	10	100.0	0.0	0.0	0.0	--	95.3
	Erne - ER2	10	99.8	0.2	0.0	0.0	--	94.5
	Erne - ER3	23	100.0	0.0	0.0	0.0	--	96.2
	Erne - ER4	23	100.0	0.0	0.0	0.0	--	89.3
	Great Island - GI1	54	100.0	0.0	0.0	0.0	--	44.1
	Great Island - GI2	54	91.2	8.8	0.0	0.0	--	46.6
	Great Island - GI3	109	100.0	0.0	0.0	0.0	--	72.2
	Lee - LE1	15	100.0	0.0	0.0	0.0	--	94.8
	Lee - LE2	4	100.0	0.0	0.0	0.0	--	95.7
	Lee - LE3	8	65.5	0.0	34.5	0.0	--	91.7
	Liffey - LI1	15	100.0	0.0	0.0	0.0	--	99.1
	Liffey - LI2	15	99.8	0.2	0.0	0.0	--	96.6
	Liffey - LI4	4	100.0	0.0	0.0	0.0	--	99.3
	Liffey - LI5	4	98.5	0.3	1.2	0.0	--	99.8
	Lough Ree Power - LR4	90	95.4	0.2	4.3	0.0	--	89.4
	Moneypoint - MP1	285	89.7	4.3	6.0	0.0	--	85.0
	Moneypoint - MP2	285	86.8	6.7	6.5	0.0	--	64.1
	Moneypoint - MP3	285	99.4	0.6	0.0	0.0	--	90.2
	Marina - MRC	123	79.1	1.7	12.8	6.4	--	74.6
	North Wall - NWC	154	86.5	13.5	0.0	0.0	--	64.5
	North Wall - NW5	109	0.0	0.0	100.0	0.0	--	73.1
	Poolbeg - PB1	115	95.4	0.2	4.3	0.0	--	88.0
	Poolbeg - PB2	115	0.0	100.0	0.0	0.0	--	57.2
	Poolbeg - PB3	242	0.0	100.0	0.0	0.0	--	0.0
	Poolbeg - PB4	154	92.4	0.0	0.0	7.6	--	91.0
Poolbeg - PB5	150	93.5	0.0	0.0	6.5	--	92.0	
Poolbeg - PB6	173	97.1	0.0	0.0	2.9	--	92.3	
Rhode - RP1	52	100.0	0.0	0.0	0.0	--	98.2	
Rhode - RP2	52	100.0	0.0	0.0	0.0	--	97.4	
Tarbert - TB1	54	100.0	0.0	0.0	0.0	--	95.2	
Tarbert - TB2	54	100.0	0.0	0.0	0.0	--	96.0	
Tarbert - TB3	243	97.7	0.9	1.5	0.0	--	66.8	
Tarbert - TB4	243	43.9	3.1	53.0	0.0	--	91.3	
Turlough Hill - TH1	73	0.0	0.0	100.0	0.0	--	0.0	
Turlough Hill - TH2	73	99.4	0.0	0.6	0.0	--	87.1	
Turlough Hill - TH3	73	99.8	0.0	0.2	0.0	--	92.2	
Turlough Hill - TH4	73	99.8	0.0	0.2	0.0	--	91.4	
Tawnaghmore - TP1	52	86.1	13.9	0.0	0.0	--	91.6	
West Offaly Power - WO4	137	20.8	3.9	75.3	0.0	--	72.4	
Synergen	Dublin Bay - DB1	415	92.9	0.0	0.0	7.1	91.8	
Tynagh Energy Ltd	Tynagh - TYC	404	91.9	0.0	0.0	8.1	86.7	
Viridian Power & Energy	Huntstown - HNC	344	93.8	0.4	0.0	5.9	93.9	
	Huntstown - HN2	408	93.8	0.0	0.0	6.1	93.2	
<b>System Total Average Availability</b>			<b>76.1</b>	<b>8.2</b>	<b>13.5</b>	<b>2.3</b>	<b>78.5</b>	

\*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.

\*\* Aghada AP5 was decommissioned at the end of March and is being moved to Tawnaghmore.

3-Month Outlook for Generation Scheduled and Known Forced Outages													
ISO Week Number	36	37	38	39	40	41	42	43	44	45	46	47	48
Beginning Monday	01-Sep	08-Sep	15-Sep	22-Sep	29-Sep	06-Oct	13-Oct	20-Oct	27-Oct	03-Nov	10-Nov	17-Nov	24-Nov
Station	Unit	September				October				November			
ARDNACRUSHA	AA1												
	AA2												
	AA3												
	AA4	S											
AGHADA	AD1	S	S	S	S	S	S	S	S	S			
	AP5												
	AT1												
	AT2												
	AT4												
DUBLINBAY	DB1												
EDENDERRY	ED1												
ERNE	ER1												
	ER2												
	ER3												
	ER4												
GREAT ISLAND	GI1												
	GI2												
	GI3		S										
HUNTSTOWN	HN2												
	HNC												
LEE	LE1												
	LE2												
	LE3												
LIFFEY	LI1												
	LI2												
	LI4												
	LI5												
LOUGH REE	LR4	S	S	S	S	S	S						
MONEYPOINT	MP1												
	MP2						S	R	R	R		R	
	MP3												
MARINA	MRC							S					
NORTH WALL	NW5	S	S										
	NWC						S	S	S	S	S		
POOLBEG	PB1												
	PB2	F	F	F	F								
	PB3	F	F	F	F	F	F	F	F	F	F	F	F
	PB4		S	S									
	PB5		S										
	PB6		S	S	S	S							
RHODE	RP1												
	RP2												
SEAL ROCK	SK3												
	SK4												
TARBERT	TB1												
	TB2												
	TB3												
	TB4												
TURLOUGH HILL	TH1 <sup>3</sup>	S	S	S	S	F	F	F	F	F	F	F	F
	TH2												
	TH3												
	TH4												
TAWNAGHMORE	TP1												
TYNAGH	TYC												
WEST OFFALY	WO4												

S = Scheduled Outage F = Forced Outage R = Restricted Output

**Notes on 3-Month Outlook:**

- (1) Based on information available as of 9<sup>th</sup> September. 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)
- (3) As per agreement with Turlough Hill, 6 months (from April to October) of Turlough Hill Unit 1's outage will be scheduled rather than forced.