

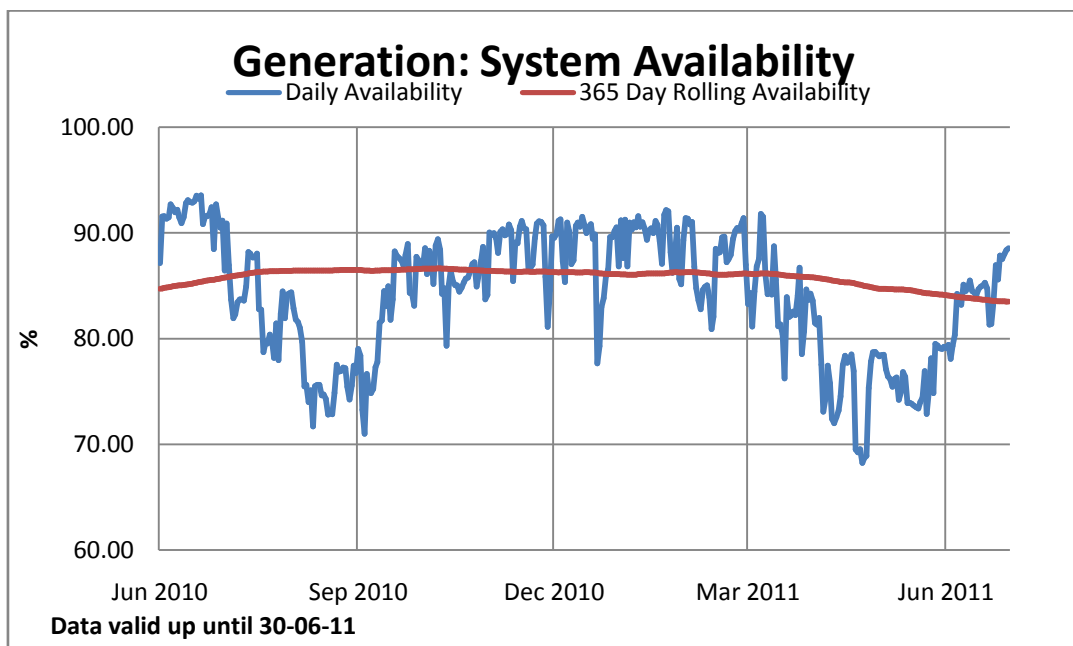


## EirGrid Monthly Availability Report – June 2011

This report, for June 2011, 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 2011.

### Key Points:

- The forced outage rate decreased from 13.2% in May to 6.4% in June.
- The monthly system availability increased from 76.1% in May to 84.1% in June. The main scheduled outages were at Ardnacrusha AA3, Erne ER3, Lee LE1, Poolbeg CT14 and ST16 and West Offaly WO4. There are also long-term forced outages at North Wall NWC and Turlough Hill station.
- The rolling 365 day rolling availability decreased from 84.14% in May to 83.55% in June.



### Definitions

**Availability:** the capacity-weighted percentage of the time from 00:00 1<sup>st</sup> June to 00:00 1<sup>st</sup> July 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.

**365-day Rolling Availability:** the average of the unit's **Availability** over the most recent 365 days (i.e., past year)

### HOW TO CONTACT US

#### General Queries

Tel: +353 1 23 70000

Email: [info@eirgrid.com](mailto:info@eirgrid.com)

#### Power System Operational Planning

Tel: +353 1 23 70446

Email: [PSOP@eirgrid.com](mailto:PSOP@eirgrid.com)

[www.eirgrid.com](http://www.eirgrid.com)

Unit-by-Unit Average Monthly Availability - June 2011								
Company	Unit	Capacity*	Availability %	Forced %	Scheduled %	Ambient %	365-day Rolling Availability %	
Aughinish Alumina Ltd	Seal Rock - SK3	85	90.72	0.00	0.00	9.28	90.62	
	Seal Rock - SK4	85	84.13	0.00	9.72	6.15	81.41	
Bord Gáis	Whitegate – WG1**	445	96.54	0.25	0.01	3.20	94.20	
Edenderry Power Ltd	Edenderry - ED1	118	91.75	8.25	0.00	0.00	74.03	
	Edenderry – ED3	58	100.00	0.00	0.00	0.00	98.95***	
	Edenderry – ED5	58	100.00	0.00	0.00	0.00	99.09***	
Endesa	Great Island - GI1	54	100.00	0.00	0.00	--	99.24	
	Great Island - GI2	54	90.74	9.26	0.00	--	90.74	
	Great Island - GI3	109	100.00	0.00	0.00	--	96.18	
	Rhode – RP1	52	100.00	0.00	0.00	--	94.52	
	Rhode – RP2	52	100.00	0.00	0.00	--	93.91	
	Tarbert – TB1	54	94.31	0.00	5.69	--	99.40	
	Tarbert – TB2	54	100.00	0.00	0.00	--	96.84	
	Tarbert – TB3	243	100.00	0.00	0.00	--	97.61	
	Tarbert – TB4	243	100.00	0.00	0.00	--	97.05	
	Tawnaghmore - TP1	52	89.17	0.00	10.83	--	97.99	
	Tawnaghmore - TP3	52	89.50	0.00	10.50	--	98.82	
	ESB Power Generation	Aghada - AD1	258	100.00	0.00	0.00	0.00	89.44
		Aghada - AD2	432	98.24	0.31	1.37	0.08	95.57
		Aghada - AT1	90	100.00	0.00	0.00	0.00	99.44
Aghada - AT2		90	100.00	0.00	0.00	0.00	97.76	
Aghada - AT4		90	100.00	0.00	0.00	0.00	99.66	
Ardnacrusha - AA1		21	100.00	0.00	0.00	--	98.42	
Ardnacrusha - AA2		22	91.28	0.00	8.72	--	97.53	
Ardnacrusha - AA3		19	45.54	0.00	54.46	--	92.28	
Ardnacrusha - AA4		24	87.19	0.59	12.22	--	98.34	
Erne - ER1		10	99.93	0.07	0.00	--	92.27	
Erne - ER2		10	100.00	0.00	0.00	--	85.72	
Erne - ER3		23	29.81	0.00	70.19	--	93.97	
Erne - ER4		23	99.99	0.01	0.00	--	16.51	
Lee - LE1		15	44.34	0.00	55.66	--	93.63	
Lee - LE2		4	100.00	0.00	0.00	--	93.15	
Lee - LE3		8	100.00	0.00	0.00	--	92.15	
Liffey - LI1		15	100.00	0.00	0.00	--	98.26	
Liffey - LI2		15	100.00	0.00	0.00	--	97.61	
Liffey - LI4		4	100.00	0.00	0.00	--	79.93	
Liffey - LI5		4	90.38	0.00	9.62	--	97.15	
Lough Ree Power - LR4		91	99.53	0.47	0.00	0.00	77.89	
Marina - MRC		123	67.17	18.04	14.17	0.62	70.42	
Moneypoint - MP1		285	89.79	10.21	0.00	0.00	84.91	
Moneypoint - MP2		285	99.94	0.06	0.00	0.00	94.26	
Moneypoint - MP3		285	99.96	0.04	0.00	0.00	95.84	
North Wall - NW5		108	95.89	2.41	0.00	1.70	91.70	
North Wall - NWC		154	0.00	100.00	0.00	0.00	9.27	
Poolbeg - PB4		158	70.59	1.08	22.54	5.79	75.53	
Poolbeg - PB5		154	93.73	0.00	0.38	5.89	93.76	
Poolbeg - PB6		182	27.64	12.39	55.86	4.11	70.72	
Turlough Hill - TH1		73	0.00	100.00	0.00	0.00	0.92	
Turlough Hill - TH2		73	0.00	100.00	0.00	0.00	0.00	
Turlough Hill - TH3****	73	0.00	0.00	100.00	0.00	0.92		
Turlough Hill - TH4****	73	0.00	0.00	100.00	0.00	0.92		
West Offaly Power - WO4	135	0.00	0.00	100.00	0.00	69.61		
Synergen	Dublin Bay - DB1	415	93.27	0.37	0.00	6.36	89.50	
Tynagh Energy Ltd	Tynagh – TYC	404	94.14	0.08	0.00	5.78	76.94	
Viridian Power & Energy	Huntstown - HN2	408	96.10	0.00	0.00	3.90	90.71	
	Huntstown - HNC	344	81.23	11.12	4.06	3.59	90.05	
<b>System Total Average Availability</b>			<b>84.13</b>	<b>6.36</b>	<b>7.56</b>	<b>1.95</b>	<b>83.55</b>	

\* Maximum Exported MW values as per declared value in EDIL

\*\* The new Maximum Exported MW value for WG1 is 435MW as of 06:00 on 17<sup>th</sup> June 2011

\*\*\* ED3 and ED5 availability shown here is the average since commissioning and not 365-day rolling

\*\*\*\* TH3 and TH4 are considered to be scheduled from April to October 2011, as per original agreed outages.

*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*

## Upcoming Scheduled and Known Forced Outages

ISO Week Number	27	28	29	30	31	32	33	34	35	36	37	38	39
Beginning Monday	04-Jul	11-Jul	18-Jul	25-Jul	01-Aug	08-Aug	15-Aug	22-Aug	29-Aug	05-Sep	12-Sep	19-Sep	26-Sep
Station	Unit	July				August				September			
ARDNACRUSHA	AA1												
	AA2												
	AA3												
	AA4												
AGHADA	AD1												
	AD2												
	AT1												
	AT2												
	AT4							S	S	S	S	S	S
DUBLINBAY	DB1												
EDENDERRY	ED1					S	S	S					
	ED3												
	ED5												
ERNE	ER1												
	ER2							S	S	S			
	ER3	S	S	S	S	S	S	S	S	S	S	S	S
	ER4												
GREAT ISLAND	GI1						S						
	GI2						S						
	GI3							S					
HUNTSTOWN	HN2												
	HNC												
LEE	LE1												
	LE2												
	LE3	S	S	S									
LIFFEY	LI1							S					
	LI2						S	S	S	S			
	LI4												
	LI5												
LOUGH REE	LR4												
MONEYPOINT	MP1												
	MP2												
	MP3					S	S						
MARINA	MRC										S	S	S
NORTH WALL	NW5							S	S				
	NWC	F	F	F	F	F	F	F	F	F	F	F	F
POOLBEG	PB4												
	PB5				S	S	S	S	S	S	S	S	S
	PB6												
RHODE	RP1		S										
	RP2		S										
SEAL ROCK	SK3					S	S	S	S				
	SK4												
TARBERT	TB1												
	TB2												
	TB3												
	TB4											S	S
TURLOUGH HILL	TH1	F	F	F	F	F	F	F	F	F	F	F	F
	TH2	F	F	F	F	F	F	F	F	F	F	F	F
	TH3	S	S	S	S	S	S	S	S	S	S	S	S
	TH4	S	S	S	S	S	S	S	S	S	S	S	S
TAWNAGHMORE	TP1												
	TP3												
TYNAGH	TYC												
WEST OFFALY	WO4	S	S	S	S	S	S	S	S	S	S		
WHITEGATE	WG1												

S = Scheduled Outage    F = Forced Outage

**Notes on 3-Month Outlook:**

- (1) Based on information available as of 11<sup>th</sup> July, 3-month Outlook is indicative only and subject to change.
- (2) Some outages of less than 6 days duration are not shown on this outlook (e.g., a weekend outage)

*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*