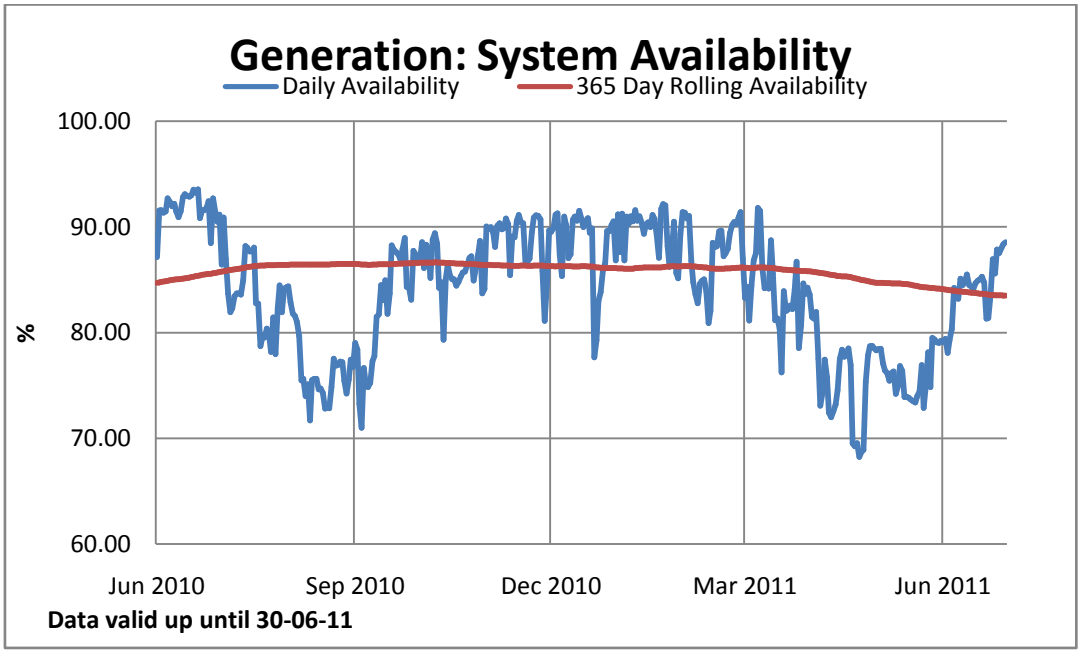
EirGrid Monthly Availability Report – June 2011

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 1st June to 00:00 1st 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

Power System Operational Planning
Tel: +353 1 23 70446
Email: PSOP@eirgrid.com

www.eirgrid.com

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

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
System Total Average Availability			**84.13**	***6.36***	***7.56***	***1.95***	**83.55**

* 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 17th 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	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	F
POOLBEG	PB4													
	PB5				S	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	F
	TH2	F	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	S
	TH4	S	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	S		
WHITEGATE	WG1													

S = Scheduled Outage F = Forced Outage

Notes on 3-Month Outlook:

(1) Based on information available as of 11th 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