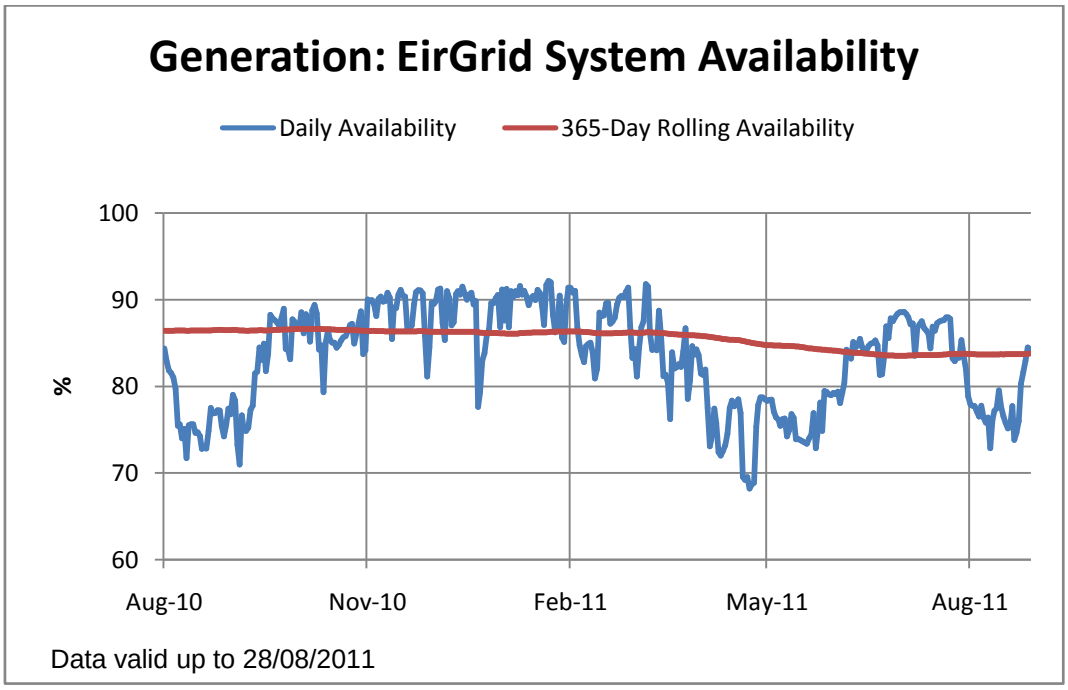
EirGrid Monthly Availability Report – August 2011

This report, for August 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 September to November 2011.

Key Points:

- The forced outage rate increased from 6.3% in July to 8.6% in August.
- The monthly system availability decreased from 86.0% in June to 78.1% in July. The main scheduled outages were at Sealrock SK3, Edenderry ED1, Erne ER2 & ER3, Liffey LI1 & LI2, Poolbeg PB5 & PB6, North Wall NW5 and West Offaly WO4. The main forced outages were at Moneypoint MP3 and Marina MRC. There are also long-term outages at North Wall NWC and Turlough Hill station.
- The rolling 365 day rolling availability stayed at 83.8% in August with no increase from July.



Definitions

Availability: the capacity-weighted percentage of the time from 00:00 1st August to 00:00 1st September 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 - August 2011

Company	Unit	Capacity*	Availability %	Forced %	Scheduled %	Ambient %	365-day Rolling Availability %
Aughinish Alumina Ltd	Seal Rock - SK3	85	0.7	3.2	96.0	0.1	83.1
	Seal Rock - SK4	85	90.5	0.0	0.0	9.5	88.9
Bord Gáis	Whitegate – WG1**	435	96.3	0.0	0.0	3.7	94.6
Edenderry Power Ltd	Edenderry - ED1	118	26.5	4.3	69.2	--	83.0
	Edenderry – ED3	58	94.3	5.7	0.0	--	98.6***
	Edenderry – ED5	58	100.0	0.0	0.0	--	99.3***
Endesa	Great Island - GI1	54	82.5	6.9	10.6	--	97.8
	Great Island - GI2	54	83.9	2.2	13.9	--	90.2
	Great Island - GI3	109	66.5	7.4	26.1	--	93.4
	Rhode – RP1	52	100.0	0.0	0.0	--	96.5
	Rhode – RP2	52	99.9	0.1	0.0	--	98.8
	Tarbert – TB1	54	99.6	0.4	0.0	--	99.4
	Tarbert – TB2	54	96.4	0.0	3.6	--	97.9
	Tarbert – TB3	243	100.0	0.0	0.0	--	97.8
	Tarbert – TB4	243	100.0	0.0	0.0	--	98.5
	Tawnaghmore - TP1	52	100.0	0.0	0.0	--	98.0
	Tawnaghmore - TP3	52	100.0	0.0	0.0	--	98.8
ESB Power Generation	Aghada - AD1	258	99.9	0.1	0.0	0.0	97.7
	Aghada - AD2	432	99.1	0.1	0.0	0.8	96.1
	Aghada - AT1	90	100.0	0.0	0.0	0.0	99.2
	Aghada - AT2	90	100.0	0.0	0.0	0.0	97.8
	Aghada - AT4	90	99.9	0.1	0.0	0.0	99.8
	Ardnacrusha - AA1	21	100.0	0.0	0.0	--	98.5
	Ardnacrusha - AA2	22	100.0	0.0	0.0	--	97.5
	Ardnacrusha - AA3	19	100.0	0.0	0.0	--	94.7
	Ardnacrusha - AA4	24	96.8	3.2	0.0	--	97.9
	Erne - ER1	10	99.8	0.2	0.0	--	92.3
	Erne - ER2	10	68.8	0.0	31.2	--	83.8
	Erne - ER3	23	0.0	0.0	100.0	--	77.0
	Erne - ER4	23	100.0	0.0	0.0	--	31.9
	Lee - LE1	15	100.0	0.0	0.0	--	93.9
	Lee - LE2	4	99.1	0.9	0.0	--	93.1
	Lee - LE3	8	100.0	0.0	0.0	--	90.2
	Liffey - LI1	15	46.3	32.3	21.4	--	94.0
	Liffey - LI2	15	23.8	0.0	76.2	--	92.3
	Liffey - LI4	4	100.0	0.0	0.0	--	79.9
	Liffey - LI5	4	100.0	0.0	0.0	--	98.3
	Lough Ree Power - LR4	91	84.4	15.6	0.0	0.0	93.5
	Marina - MRC	123	73.2	26.0	0.8	0.0	71.4
	Moneypoint - MP1	285	89.5	10.5	0.0	0.0	90.9
	Moneypoint - MP2	285	99.1	0.9	0.0	0.0	96.1
	Moneypoint - MP3	285	60.9	39.1	0.0	0.0	94.6
	North Wall - NW5	108	39.4	15.3	44.8	0.5	87.4
	North Wall - NWC	154	0.0	100.0	0.0	0.0	0.0
	Poolbeg - PB4	158	91.4	5.4	0.2	3.0	75.3
	Poolbeg - PB5	154	0.0	0.0	93.5	6.5	85.7
	Poolbeg - PB6	182	38.5	16.4	44.7	0.4	65.8
	Turlough Hill - TH1	73	0.0	100.0	0.0	0.0	0.0
	Turlough Hill - TH2	73	0.0	100.0	0.0	0.0	0.0
	Turlough Hill - TH3****	73	0.0	0.0	100.0	0.0	0.0
	Turlough Hill - TH4****	73	0.0	0.0	100.0	0.0	0.0
	West Offaly Power - WO4	135	17.3	3.3	79.4	0.0	54.9
Synergen	Dublin Bay - DB1	415	91.2	2.2	0.0	6.6	89.2
Tynagh Energy Ltd	Tynagh – TYC	404	93.4	0.1	0.0	6.5	77.1
Viridian Power & Energy	Huntstown - HN2	408	95.4	0.0	0.0	4.6	90.9
	Huntstown - HNC	344	93.8	0.0	0.0	6.2	89.9
System Total Average Availability			**78.1**	**8.6**	**11.3**	**2.0**	**83.8**

* Maximum Exported MW values as per declared value in EDIL
** WG1 capacity changed from 444 MW to 435 MW on 17th June at 06:00
*** 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		35	36	37	38	39	40	41	42	43	44	45	46	47
Beginning Monday		29-Aug	05-Sep	12-Sep	19-Sep	26-Sep	03-Oct	10-Oct	17-Oct	24-Oct	31-Oct	07-Nov	14-Nov	21-Nov
Station	Unit	September					October				November			
ARDNACRUSHA	AA1													
	AA2													
	AA3													
	AA4													
AGHADA	AD1													
	AD2													
	AT1													
	AT2													
	AT4													
DUBLINBAY	DB1													
EDENDERRY	ED1													
	ED3													
	ED5													
ERNE	ER1													
	ER2	S	S											
	ER3	S	S	S	S	S	S	S	S	S	S	S	S	S
	ER4													
GREAT ISLAND	GI1													
	GI2													
	GI3													
HUNTSTOWN	HN2													
	HNC													
LEE	LE1													
	LE2													
	LE3													
LIFFEY	LI1													
	LI2	S												
	LI4													
	LI5													
LOUGH REE	LR4											S		
MONEYPOINT	MP1													
	MP2													
	MP3													
MARINA	MRC			S	S	S	S							
NORTH WALL	NW5													
	NWC	F	F	F	F	F	F	F	F	F	F	F	F	F
POOLBEG	PB4													
	PB5	S	S	S	S	S								
	PB6*													
RHODE	RP1													
	RP2													
SEAL ROCK	SK3													
	SK4													
TARBERT	TB1													
	TB2													
	TB3													
	TB4					S	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	F	F	F
	TH4	S	S	S	S	S	S	S	S	S	S	F	F	F
TAWNAGHMORE	TP1													
	TP3													
TYNAGH	TYC													
WEST OFFALY	WO4													
WHITEGATE**	WG1													

S = Scheduled Outage F = Forced Outage

Notes on 3-Month Outlook:

(1) Based on information available as of 5th August 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)

*Poolbeg ST16, PB6 will be available for half load due to the outage of Poolbeg CT15, PB5

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