

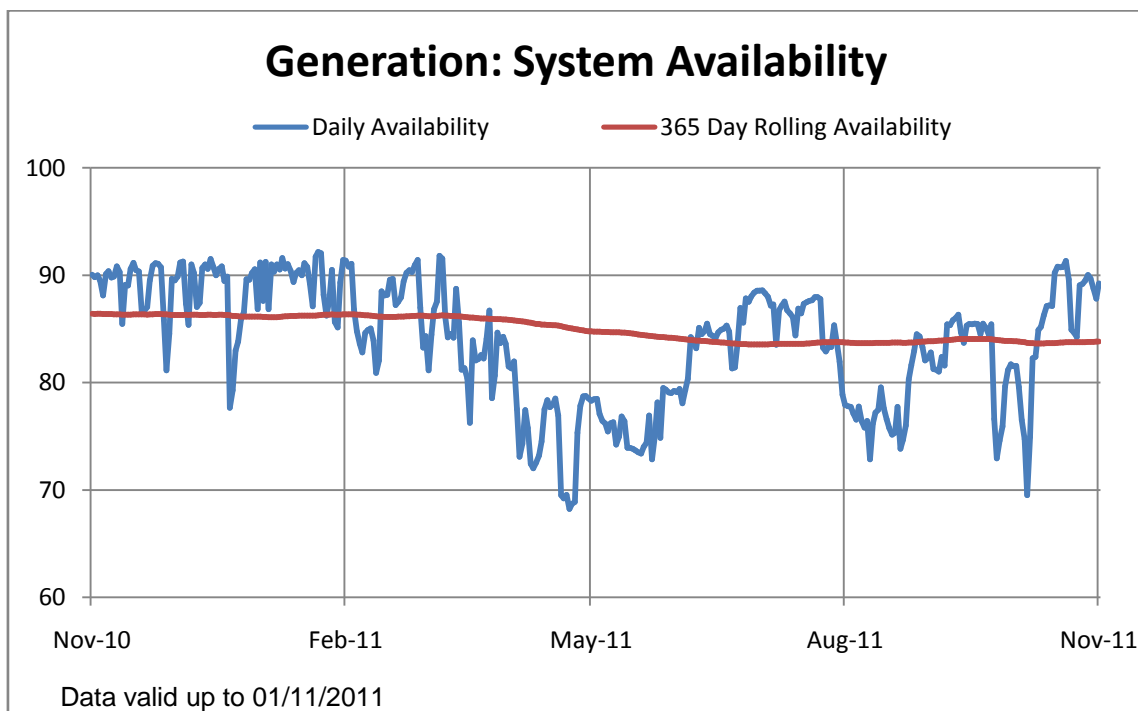


EirGrid Monthly Availability Report – October 2011

This report, for October 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 November 2011 to January 2012.

Key Points:

- The forced outage rate increased from 6.9% in September to 8.9% in October.
- The monthly system availability increased from 82.7% in September to 85.2% in October. The main scheduled outages were at Erne ER3 & ER4, Marina MRC and Tarbert TB4. The main forced outages were at Sealrock SK3, Whitegate WG1, Tynagh TYC and North Wall NW5. There are also long-term outages at Turlough Hill station.
- The rolling 365 day rolling availability decreased from 83.9% in August to 83.8% in October.



Definitions

Availability: the capacity-weighted percentage of the time from 00:00 1st October to 00:00 1st November 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

Unit-by-Unit Average Monthly Availability - October 2011

Company	Unit	Capacity	Availability %	Forced %	Scheduled %	Ambient %	365-day Rolling Availability %	
Aughinish Alumina Ltd	Seal Rock - SK3	85	71.9	21.9	0.0	6.3	80.5	
	Seal Rock - SK4	85	91.9	0.0	0.0	8.1	89.6	
Bord Gáis	Whitegate – WG1	435	85.9	11.2	0.8	2.1	93.9	
Edenderry Power Ltd	Edenderry - ED1	118	97.2	2.8	0.0	--	87.0	
	Edenderry – ED3	58	100.0	0.0	0.0	--	98.8	
	Edenderry – ED5	58	100.0	0.0	0.0	--	99.4	
Endesa	Great Island - GI1	54	100.0	0.0	0.0	--	97.8	
	Great Island - GI2	54	90.7	9.3	0.0	--	90.2	
	Great Island - GI3	109	100.0	0.0	0.0	--	95.7	
	Rhode – RP1	52	100.0	0.0	0.0	--	98.8	
	Rhode – RP2	52	97.9	2.1	0.0	--	98.7	
	Tarbert – TB1	54	99.7	0.3	0.0	--	99.4	
	Tarbert – TB2	54	100.0	0.0	0.0	--	99.6	
	Tarbert – TB3	243	100.0	0.0	0.0	--	99.7	
	Tarbert – TB4	243	51.1	0.0	48.9	--	92.6	
	Tawnaghmore - TP1	52	99.5	0.0	0.5	--	98.0	
	Tawnaghmore - TP3	52	99.5	0.0	0.5	--	98.4	
	ESB Power Generation	Aghada - AD1	258	95.7	4.4	0.0	0.0	97.6
		Aghada - AD2	432	98.0	1.7	0.0	0.3	95.3
Aghada - AT1		90	98.9	0.0	1.1	0.0	99.2	
Aghada - AT2		90	100.0	0.0	0.0	0.0	97.7	
Aghada - AT4		90	99.2	0.8	0.0	0.0	99.8	
Ardnacrusha - AA1		21	99.2	0.0	0.8	--	98.4	
Ardnacrusha - AA2		22	100.0	0.0	0.0	--	97.6	
Ardnacrusha - AA3		19	100.0	0.0	0.0	--	94.9	
Ardnacrusha - AA4		24	86.8	13.2	0.0	--	96.4	
Erne - ER1		10	100.0	0.0	0.0	--	92.2	
Erne - ER2		10	83.8	0.0	16.1	--	91.2	
Erne - ER3		23	0.0	0.0	100.0	--	60.3	
Erne - ER4		23	73.5	8.8	17.7	--	46.4	
Lee - LE1		15	100.0	0.0	0.0	--	94.7	
Lee - LE2		4	90.6	9.4	0.0	--	93.1	
Lee - LE3		8	92.8	0.0	7.2	--	92.5	
Liffey - LI1		15	89.2	0.0	10.8	--	91.1	
Liffey - LI2		15	89.2	0.0	10.8	--	89.3	
Liffey - LI4		4	89.2	0.0	10.8	--	88.5	
Liffey - LI5		4	100.0	0.0	0.0	--	98.6	
Lough Ree Power - LR4		91	100.0	0.0	0.0	0.0	97.2	
Marina - MRC		123	52.4	8.3	39.3	0.0	67.0	
Moneypoint - MP1		285	99.1	0.9	0.0	0.0	94.2	
Moneypoint - MP2		285	100.0	0.0	0.0	0.0	95.7	
Moneypoint - MP3		285	100.0	0.0	0.0	0.0	94.6	
North Wall - NW5		108	84.7	15.3	0.0	0.0	88.1	
North Wall - NWC		154	0.0	100.0	0.0	0.0	0.0	
Poolbeg - PB4		158	82.0	11.3	1.8	4.9	78.7	
Poolbeg - PB5		154	89.8	0.0	7.8	2.4	78.5	
Poolbeg - PB6		182	81.0	1.7	12.1	5.3	63.7	
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	71.0	29.0	0.0	0.0		
Turlough Hill - TH4	73	0.0	71.0	29.0	0.0	0.0		
West Offaly Power - WO4	135	99.9	0.1	0.0	0.0	53.6		
Synergen	Dublin Bay - DB1	415	93.2	0.4	0.0	6.4	89.7	
Tynagh Energy Ltd	Tynagh – TYC	404	83.2	11.8	0.0	5.0	77.2	
Viridian Power & Energy	Huntstown - HN2	408	95.7	0.0	0.0	4.3	91.3	
	Huntstown - HNC	344	95.4	0.7	0.0	3.9	89.8	
System Total Average Availability			85.2	8.9	4.1	1.8	83.8	

Upcoming Scheduled and Known Forced Outages

ISO Week Number		44	45	46	47	48	49	50	51	52	1	2	3	4
Beginning Monday		31-Oct	7-Nov	14-Nov	21-Nov	28-Nov	5-Dec	12-Dec	19-Dec	26-Dec	2-Jan	9-Jan	16-Jan	23-Jan
Station	Unit	November				December					January			
ARDNACRUSHA	AA1													
	AA2													
	AA3													
	AA4													
AGHADA	AD1													
	AD2													
	AT1													
	AT2													
	AT4													
DUBLINBAY	DB1													
EDENDERRY	ED1									S				
	ED3													
	ED5													
ERNE	ER1													
	ER2													
	ER3	S	S	S	S	S	S	S	S	S	S	S	S	S
	ER4													
GREAT ISLAND	GI1													
	GI2													
	GI3													
HUNTSTOWN	HN2													
	HNC													
INDAVER	IW1													
LEE	LE1													
	LE2													
	LE3													
LIFFEY	LI1													
	LI2													
	LI4													
	LI5													
LOUGH REE	LR4		S											
MONEYPOINT	MP1													
	MP2													
	MP3													
MARINA	MRC													
NORTH WALL	NW5													
	NWC	F	F	F	F	F	F	F	F	F				
POOLBEG	PB4													
	PB5													
	PB6													
RHODE	RP1													
	RP2													
SEAL ROCK	SK3	S												
	SK4													
TARBERT	TB1													
	TB2													
	TB3													
	TB4													
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	
	TH3	F	F	F	F	F	F	F	F	F	F	F	F	F
	TH4	F	F	F	F	F	F	F	F	F	F	F	F	F
TAWNAGHMORE	TP1													
	TP3													
TYNAGH	TYC													
WEST OFFALY	WO4													
WHITEGATE	WG1													

Notes on 3-Month Outlook:

S = Scheduled Outage F = Forced Outage

- (1) Based on information available as of 11-November 2011. 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)
- (3) Indaver- Meath Waste to Energy (IW1) due to be available from 1st December onwards

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