

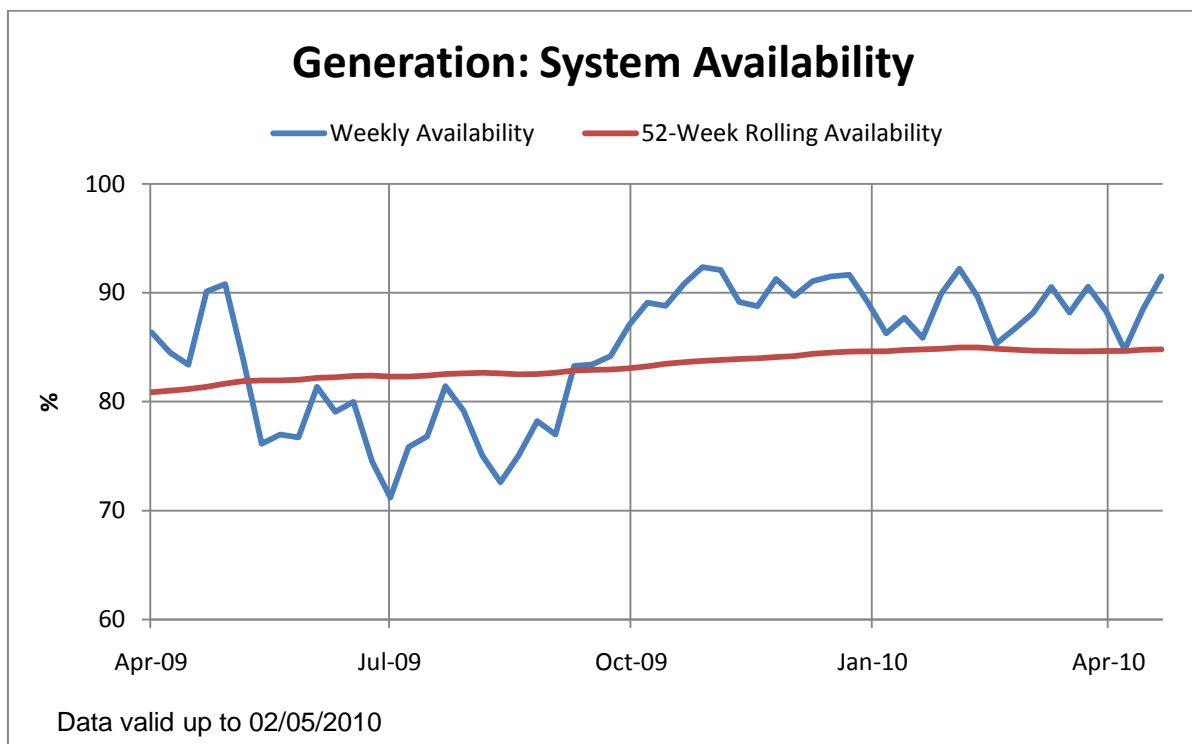


EirGrid Monthly Availability Report – April 2010

This report, for April 2010, 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 May to July 2010.

Key Points:

- Poolbeg U1, Poolbeg U2 and Poolbeg U3 were decommissioned on 31st March.
- Aghada U2 received an Operational Certificate on 31st March and is now included in the statistics.
- The forced outage rate decreased from 6.9% in March to 2.9% in April. This was due to the decommissioning of Poolbeg U3, which was on long-term forced outage since July 2007.
- The monthly system availability increased from 88.4% in March to 89.1% in April. The main outages were the scheduled outages at Turlough Hill U2, Erne U4, Aghada U2 and Huntstown U2 and the forced outages at Marina and Huntstown U2.



Definitions

Availability: the capacity-weighted percentage of the time from 00:00 Sunday 28th March to 00:00 Sunday 02nd May 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 - April 2010							
Company	Unit	Capacity*	Availability %	Forced %	Scheduled %	Ambient %	52wk Rolling Availability %
Aughinish Alumina Ltd	Seal Rock - SK3	80	99.6	0.1	0.0	0.3	89.5
	Seal Rock - SK4	80	98.9	0.0	0.0	1.1	94.0
Edenderry Power Ltd	Edenderry - ED1	118	76.0	17.0	7.1	0.0	78.9
Endesa	Great Island - GI1	54	100.0	0.0	0.0	--	93.9
	Great Island - GI2	54	91.2	8.8	0.0	--	83.1
	Great Island - GI3	109	100.0	0.0	0.0	--	88.7
	Rhode – RP1	52	99.9	0.1	0.0	--	97.9
	Rhode – RP2	52	99.9	0.1	0.0	--	97.8
	Tarbert – TB1	54	100.0	0.0	0.0	--	95.3
	Tarbert – TB2	54	100.0	0.0	0.0	--	95.6
	Tarbert – TB3	243	99.2	0.8	0.0	--	95.4
	Tarbert – TB4	243	100.0	0.0	0.0	--	97.8
	Tawnaghmore - TP1	52	100.0	0.0	0.0	--	98.0
	Tawnaghmore - TP3	52	100.0	0.0	0.0	--	99.1
	ESB Power Generation**	Ardnacrusha - AA1	21	100.0	0.0	0.0	--
Ardnacrusha - AA2		22	47.9	0.0	52.1	--	87.2
Ardnacrusha - AA3		19	100.0	0.0	0.0	--	95.1
Ardnacrusha - AA4		24	93.5	6.5	0.0	--	99.0
Aghada - AD1		257	93.7	6.3	0.0	0.0	92.3
Aghada - AD2		442	64.9	1.8	33.3	0.0	-
Aghada - AT1		90	100.0	0.0	0.0	0.0	70.8
Aghada - AT2		90	100.0	0.0	0.0	0.0	97.0
Aghada - AT4		90	81.0	0.1	18.8	0.0	97.6
Erne - ER1		10	99.7	0.3	0.0	--	96.7
Erne - ER2		10	99.7	0.3	0.0	--	98.5
Erne - ER3		23	99.7	0.3	0.0	--	95.5
Erne - ER4		23	0.0	0.0	100.0	--	81.8
Lee - LE1		15	100.0	0.0	0.0	--	86.6
Lee - LE2		4	98.8	1.2	0.0	--	94.4
Lee - LE3		8	100.0	0.0	0.0	--	95.8
Liffey - LI1		15	93.2	6.8	0.0	--	86.7
Liffey - LI2		15	93.2	6.8	0.0	--	72.5
Liffey - LI4		4	52.3	45.5	2.1	--	89.8
Liffey - LI5		4	98.7	1.3	0.0	--	84.1
Lough Ree Power - LR4		90	91.7	5.3	3.0	--	88.8
Moneypoint - MP1		285	96.4	0.0	3.6	--	89.6
Moneypoint - MP2		285	98.5	1.5	0.0	--	92.2
Moneypoint - MP3		285	100.0	0.0	0.0	--	78.8
Marina - MRC		123	62.7	37.3	0.0	0.0	67.0
North Wall - NWC		154	89.9	10.1	0.0	0.0	75.7
North Wall - NW5		109	95.5	0.0	0.0	4.5	95.1
Poolbeg - PB4		154	99.4	0.0	0.0	0.6	95.2
Poolbeg - PB5		150	97.7	0.0	0.0	2.3	94.9
Poolbeg - PB6		173	99.5	0.0	0.0	0.5	93.6
Turlough Hill - TH1		73	98.7	1.3	0.0	--	97.8
Turlough Hill - TH2		73	0.0	0.0	100.0	--	79.4
Turlough Hill - TH3	73	100.0	0.0	0.0	--	99.2	
Turlough Hill - TH4	73	98.8	1.2	0.0	--	97.8	
West Offaly Power - WO4	137	86.6	2.4	11.0	--	73.6	
Synergen	Dublin Bay - DB1	415	96.5	0.0	0.0	3.5	77.1
Tynagh Energy Ltd	Tynagh – TYC	400	92.6	1.5	3.2	2.6	81.8
Viridian Power & Energy	Huntstown - HNC	344	96.8	0.0	0.0	3.1	96.1
	Huntstown - HN2	408	54.3	10.9	34.0	0.8	85.9
System Total Average Availability			89.1	2.9	7.2	0.8	84.8

* 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.

** Poolbeg U1, U2 and U3 were decommissioned on 31st March and not included in the table above.

3-Month Outlook for Generation Scheduled and Known Forced Outages														
ISO Week Number		18	19	20	21	22	23	24	25	26	27	28	29	30
Beginning Monday		03-May	10-May	17-May	24-May	31-May	7-Jun	14-Jun	21-Jun	28-Jun	05-Jul	12-Jul	19-Jul	26-Jul
Station	Unit	May				June				July				
ARDNACRUSHA	AA1					S	S	S					S	S
	AA2												S	S
	AA3								S	S	S		S	S
	AA4		S	S	S								S	S
AGHADA	AD1												S	S
	AD2													
	AT1													
	AT2													
	AT4													
DUBLINBAY	DB1													
EDENDERRY	ED1									S	S	S	S	
ERNE	ER1						S	S						
	ER2								S	S				
	ER3										S	S		
	ER4	S	S	S	S	S	S	S	S	S	S	S	S	S
GREAT ISLAND	GI1													
	GI2													
	GI3													
HUNTSTOWN	HN2													
	HNC	S	S	S	S	S	S							
LEE	LE1					S	S	S						
	LE2	S	S	S										
	LE3													
LIFFEY	LI1													
	LI2													
	LI4													
	LI5								S					
	LR4	S	S	S	S	S	S	S	S	S	S	S	S	S
MONEYPOINT	MP1													
	MP2													
	MP3								S					
MARINA	MRC													
NORTH WALL	NW5													
	NWC													
POOLBEG	PB4													
	PB5													
	PB6													
RHODE	RP1													
	RP2													S
SEAL ROCK	SK3													
	SK4													
TARBERT	TB1													
	TB2													
	TB3													
	TB4												S	
TURLOUGH HILL	TH1										S	S	S	S
	TH2	S	S	S	S	S	S	S	S	S	S	S	S	S
	TH3										S	S	S	S
	TH4										S	S	S	S
TAWNAGHMORE	TP1						S							
	TP3					S								
TYNAGH	TYC	S	S											
WEST OFFALY	WO4													

S = Scheduled Outage F = Forced Outage

Notes on 3-Month Outlook:

- (1) Based on information available as of 10th May. 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) Poolbeg U1, U2 and U3 have been removed from the overview since their decommissioning.