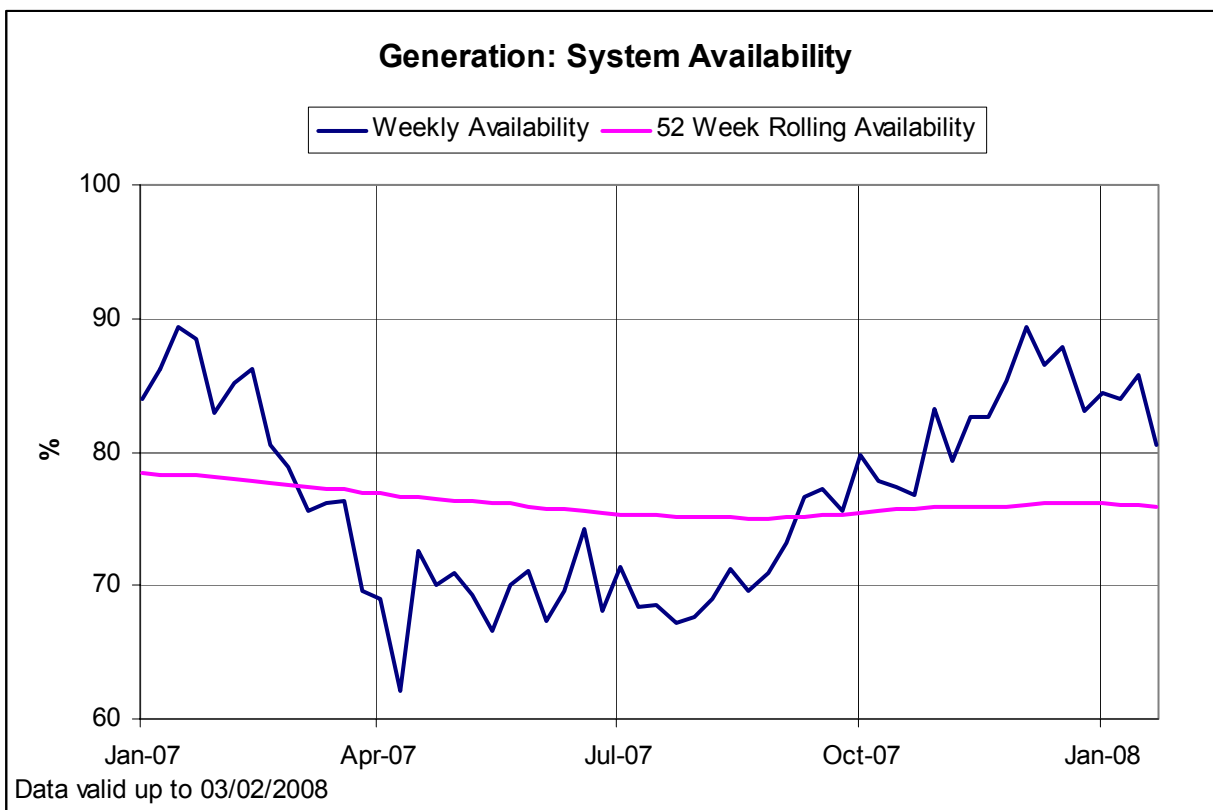


EirGrid Monthly Availability Report – January 2008

This report, for January 2008, details the availability performance of large generation units on the power system and includes an outlook for plant availability over the period from March to May 2008.

Key Points:

- The forced outage rate for January increased from the low level over the Christmas period to 13.4% (equivalent to 8.6% excluding the long-term outages at Poolbeg Unit 3 and Turlough Hill Unit 1).
- Unavailability due to ambient conditions is now reported separately for units (where it is relevant) – for January the total unavailability due to ambient conditions was 1.1% of installed capacity.
- There were some scheduled outages during January, leading to a higher than normal 2% system scheduled outage rate (normally no scheduled outages would occur over this period). The monthly system availability for January was just below 84%. The rolling 52-week availability remains poor at 77%.
- The long-term outages at Poolbeg Unit 3 and Turlough Hill Unit 1 will continue for most or all of 2008. Aghada CT12 and Great Island Units 1 & 2 are expected to return in late March/ early April.



Definitions

Availability: the capacity-weighted percentage of the time from 00:00 Monday 31st December 2007 to 00:00 Sunday 4th February 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 - January 2008

Company	Unit	Capacity*	Availability %	Forced %	Scheduled %	Ambient %	52wk Rolling Availability %
Aughinish Alumina Ltd	Seal Rock - SK3	81	96.7	1.9	0.0	1.3	93.6
	Seal Rock - SK4	81	98.7	0.0	0.0	1.3	88.2
Edenderry Power Ltd	Edenderry - ED1	118	91.3	1.3	7.4	--	76.1
ESB Power Generation	Ardnacrusha - AA1	21	100.0	0.0	0.0	--	98.0
	Ardnacrusha - AA2	22	100.0	0.0	0.0	--	97.4
	Ardnacrusha - AA3	19	100.0	0.0	0.0	--	94.5
	Ardnacrusha - AA4	24	100.0	0.0	0.0	--	97.5
	Aghada - AD1	258	84.1	15.9	0.0	0.0	86.6
	Aghada - AT1	90	99.9	0.1	0.0	0.0	89.1
	Aghada - AT2	90	0.0	100.0	0.0	0.0	0.8
	Aghada - AT4	90	62.5	37.5	0.0	0.0	30.8
	Aghada - AP5	52	100.0	0.0	0.0	--	97.4
	Erne - ER1	10	99.8	0.0	0.2	--	93.1
	Erne - ER2	10	99.9	0.1	0.0	--	94.2
	Erne - ER3	23	99.4	0.0	0.6	--	97.2
	Erne - ER4	23	99.5	0.0	0.5	--	95.1
	Great Island - GI1	54	0.0	100.0	0.0	--	49.1
	Great Island - GI2	54	0.0	100.0	0.0	--	23.0
	Great Island - GI3	108	77.1	22.9	0.0	--	59.7
	Lee - LE1	15	99.9	0.1	0.0	--	93.6
	Lee - LE2	4	100.0	0.0	0.0	--	93.3
	Lee - LE3	8	99.7	0.3	0.0	--	90.7
	Liffey - LI1	15	100.0	0.0	0.0	--	98.9
	Liffey - LI2	15	100.0	0.0	0.0	--	99.1
	Liffey - LI4	4	100.0	0.0	0.0	--	97.2
	Liffey - LI5	4	100.0	0.0	0.0	--	89.6
	Lough Ree Power - LR4	91	98.2	1.8	0.0	--	55.7
	Moneypoint - MP1	283	96.2	3.8	0.0	--	60.8
	Moneypoint - MP2	283	94.1	5.9	0.0	--	95.7
	Moneypoint - MP3	283	72.7	1.7	25.6	--	84.4
	Marina - MRC	112	93.2	0.6	1.1	5.1	85.1
	North Wall - NWC	163	48.8	49.7	1.5	0.0	61.1
	North Wall - NW5	109	78.2	21.8	0.0	0.0	81.5
	Poolbeg - PB1	110	97.1	0.0	2.9	--	65.5
	Poolbeg - PB2	110	94.1	5.9	0.0	--	97.0
	Poolbeg - PB3	242	0.0	100.0	0.0	--	0.0
	Poolbeg - PB4	150	88.7	0.0	8.6	2.7	90.1
	Poolbeg - PB5	150	91.5	6.4	0.0	2.1	91.1
	Poolbeg - PB6	160	90.4	3.8	4.5	1.3	91.5
Rhode - RP1	52	100.0	0.0	0.0	--	98.3	
Rhode - RP2	52	100.0	0.0	0.0	--	96.4	
Tarbert - TB1	54	97.6	2.4	0.0	--	93.5	
Tarbert - TB2	54	98.4	1.6	0.0	--	88.6	
Tarbert - TB3	241	85.9	14.1	0.0	--	67.1	
Tarbert - TB4	241	99.4	0.6	0.0	--	86.4	
Turlough Hill - TH1	73	0.0	100.0	0.0	--	26.6	
Turlough Hill - TH2	73	99.8	0.2	0.0	--	99.1	
Turlough Hill - TH3	73	100.0	0.0	0.0	--	97.0	
Turlough Hill - TH4	73	99.8	0.2	0.0	--	93.8	
Tawnaghmore - TP1	52	94.8	5.2	0.0	--	92.2	
West Offaly Power - WO4	137	98.6	1.4	0.0	--	62.7	
Synergen	Dublin Bay - DB1	403	93.4	3.1	0.0	3.4	91.0
Tynagh Energy Ltd	Tynagh - TYC	384	91.5	0.2	3.0	5.3	71.6
Viridian Power & Energy	Huntstown - HNC	343	97.2	0.0	0.0	2.8	87.9
	Huntstown - HN2	401	97.7	0.0	0.0	2.3	96.2
System Total Average Availability			83.5	13.4	2.0	1.1	76.8

*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.

3-Month Outlook for Generation Scheduled and Forced Outages

ISO Week Number		10	11	12	13	14	15	16	17	18	19	20	21	22
Beginning Monday		03-Mar	10-Mar	17-Mar	24-Mar	31-Mar	07-Apr	14-Apr	21-Apr	28-Apr	05-May	12-May	19-May	26-May
Station	Unit	March				April				May				
ARDNACRUSHA	AA1													
	AA2													
	AA3													
	AA4													
AGHADA	AD1												S	S
	AP5				S	S	S	S	S	S	S	S	S	S
	AT1						S							
	AT2	F	F	F	F	F								
	AT4													
DUBLIN BAY	DB1						S	S						
EDENDERRY	ED1													
ERNE	ER1													
	ER2													
	ER3													
	ER4										S	S	S	S
GREAT ISLAND	G11	F	F	F	F									
	G12	F	F	F	F									
	G13						S	S	S	S				
HUNTSTOWN	HN2													
	HNC				S									
LEE	LE1													
	LE2											S	S	S
	LE3													
LIFFEY	LI1													
	LI2													
	LI4													
	LI5													
LOUGH REE	LR4							S	S					
MONEYPOINT	MP1	S	S	R		S								
	MP2					S	S	S	S	S	S	S	S	S
	MP3													
MARINA	MRC													
NORTH WALL	NW5													
	NWC													
POOLBEG	PB1													
	PB2		S	S	S	S	S	S	S	S	S	S	S	S
	PB3													
	PB4													
	PB5													
	PB6													
RHODE	RP1									S				
	RP2										S			
SEAL ROCK	SK3													
	SK4													
TARBERT	TB1										S	S		
	TB2										S	S		
	TB3													
	TB4													
TURLOUGH HILL	TH1	F	F	F	F	S	S	S	S	S	S	S	S	S
	TH2													S
	TH3										S	S		
	TH4											S		
TAWNAGHMORE	TP1													
TYNAGH	TYC									S				
WEST OFFALY	WO4		S											

S = Scheduled Outage⁽¹⁾ F = Forced Outage⁽²⁾ R= Restricted Running⁽³⁾

Notes on 3-Month Outlook:

- (1) Scheduled outages as per the latest information from the Generators.
- (2) Forced outages – return to service as per Generator’s best estimations at time of report (26-02-08).
- (3) 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