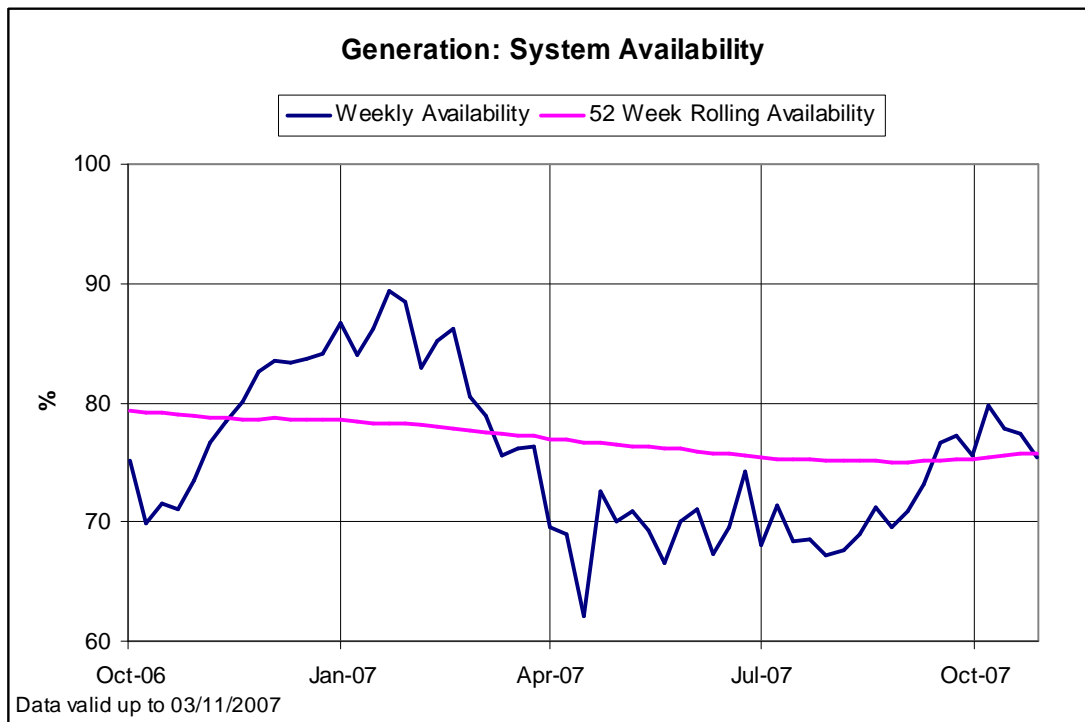


## EirGrid Monthly Availability Report – October 2007

This report, for October 2007, details the availability performance for large generation units on the power system. The report has been expanded this month to include an outlook for plant availability over the period from December 2007 to February 2008.

### Key Points:

- The forced outage rate for October remains high (11.8% after excluding the long-term outages at Poolbeg Unit 3 and Turlough Hill Unit 1), due primarily to the continued forced outages of Great Island Units 1 & 2 and Tarbert Unit 3.
- Scheduled outages reduced during October leading to a marginal increase in the monthly system availability to 77% from last month's 74.5%.
- Looking forward, Aghada AT2 (90MW), in addition to Poolbeg Unit 3 (242MW) and Turlough Hill Unit 4 (73MW), will not be available for the winter peak period. Tarbert Unit 3 is expected back by 1<sup>st</sup> December. There is continuing uncertainty surrounding the dates for the return to service of Great Island Units 1 & 2.
- Nevertheless, while overall the level of forced outages is high at 11.8%, it remains within the base case assumptions of the Winter Outlook 2007/8. Capacity margins should be sufficient this winter to ensure the appropriate level of security of supply is maintained, provided there is no further deterioration in the plant availability.



### Definitions

**Availability:** the capacity-weighted percentage of the time from 00:00 Sunday 29<sup>th</sup> September to 00:00 Sunday 4<sup>th</sup> November that generators were available.

**Forced:** outages where generators are unavailable due to unforeseen/ unplanned outages or limited due to ambient conditions

**Scheduled:** outages where generators are unavailable due to planned reasons, e.g., for maintenance.

**Installed Capacity:** net (exported) generating capacity of the generator, which excludes transformer losses and/or house load.

**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 - October 2007

Company	Unit	Installed Capacity*	Availability %	Forced %	Scheduled %	52wk Rolling Availability %
Aughinish Alumina	Seal Rock - SK3	80.5	97.2	2.8	0.0	93.4
	Seal Rock - SK4	80.5	100.0	0.0	0.0	88.5
Edenderry Power	Edenderry - ED1	117.6	99.4	0.6	0.0	76.5
ESB Power Generation	Ardnacrusha - AA1	21	100.0	0.0	0.0	97.5
	Ardnacrusha - AA2	21	100.0	0.0	0.0	97.4
	Ardnacrusha - AA3	22	99.7	0.3	0.0	94.5
	Ardnacrusha - AA4	22	84.8	0.4	14.8	95.5
	Aghada - AD1	258	84.3	15.7	0.0	87.2
	Aghada - AT1	90	77.3	3.8	18.9	96.9
	Aghada - AT2	90	0.0	0.0	100.0	26.1
	Aghada - AT4	90	99.7	0.3	0.0	35.6
	Aghada - AP5	52	93.6	6.4	0.0	97.2
	Erne - ER1	10	99.8	0.0	0.2	93.0
	Erne - ER2	10	100.0	0.0	0.0	94.1
	Erne - ER3	23	99.5	0.0	0.5	97.1
	Erne - ER4	22	100.0	0.0	0.0	95.0
	Great Island - GI1	54	0.0	100.0	0.0	71.6
	Great Island - GI2	54	5.1	94.9	0.0	23.0
	Great Island - GI3	108	83.5	16.5	0.0	57.8
	Lee - LE1	15	100.0	0.0	0.0	93.6
	Lee - LE2	4	99.9	0.1	0.0	93.3
	Lee - LE3	8	100.0	0.0	0.0	86.9
	Liffey - LI1	15	100.0	0.0	0.0	97.9
	Liffey - LI2	15	100.0	0.0	0.0	99.2
	Liffey - LI3	4	100.0	0.0	0.0	94.9
	Liffey - LI4	4	100.0	0.0	0.0	85.3
	Lough Ree Power - LR4	91	94.4	5.6	0.0	51.3
	Moneypoint - MP1	282.5	88.2	11.8	0.0	61.8
	Moneypoint - MP2	287.5	99.8	0.2	0.0	97.6
	Moneypoint - MP3	282.5	94.8	3.0	2.2	85.3
	Marina - MRC	112	97.3	1.8	0.9	87.8
	North Wall - NWC	163	7.7	31.8	60.5	61.7
	North Wall - NW5	109	85.7	14.3	0.0	83.9
	Poolbeg - PB1	109.5	97.6	2.4	0.0	40.8
	Poolbeg - PB2	109.5	100.0	0.0	0.0	76.3
	Poolbeg - PB3	242	0.0	100.0	0.0	0.0
	Poolbeg - PB4	150	55.9	4.8	39.3	90.1
	Poolbeg - PB5	150	82.2	17.8	0.0	91.3
	Poolbeg - PB6	160	59.4	16.2	24.3	77.5
Rhode - RP1	52	88.0	0.0	12.0	97.3	
Rhode - RP2	52	79.0	0.0	21.0	96.5	
Tarbert - TB1	54	96.7	3.3	0.0	93.2	
Tarbert - TB2	54	95.1	4.9	0.0	85.6	
Tarbert - TB3	241	0.0	80.0	20.0	74.9	
Tarbert - TB4	241	91.7	1.0	7.4	87.1	
Turlough Hill - TH1	73	0.0	100.0	0.0	51.5	
Turlough Hill - TH2	73	98.4	0.2	1.5	96.6	
Turlough Hill - TH3	73	97.2	0.3	2.5	97.5	
Turlough Hill - TH4	73	85.4	13.1	1.4	93.9	
Tawnaghmore - TP1	52	99.9	0.1	0.0	92.4	
West Offaly Power - WO4	137	82.6	17.4	0.0	59.8	
Synergen	Dublin Bay - DB1	403	92.4	4.3	3.3	88.6
Tynagh Energy	Tynagh - TYC	384	95.7	4.3	0.0	72.5
Viridian Power & Energy	Huntstown - HNC	343	88.1	11.9	0.0	87.5
	Huntstown - HN2	401	92.8	7.2	0.0	92.8
<b>System Total Average Availability</b>			<b>77.2</b>	<b>16.4</b>	<b>6.4</b>	<b>76.7</b>

\*Exported MW values as per Generation Adequacy Report 2007-2013. 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	49	50	51	52	1	2	3	4	5	6	7	8	9	
Beginning Monday	03-Dec	10-Dec	17-Dec	24-Dec	31-Dec	07-Jan	14-Jan	21-Jan	28-Jan	04-Feb	11-Feb	18-Feb	25-Feb	
Station	Unit	December				January					February			
ARDNACRUSHA	AA1													
	AA2													
	AA3													
	AA4													
AGHADA	AD1													
	AP5													
	AT1													
	AT2	F	F	F	F	F	F	F	F	F	F	F	F	
	AT4													
DUBLINBAY	DB1													
EDENDERRY	ED1													
ERNE	ER1													
	ER2													
	ER3													
	ER4													
GREAT ISLAND	GI1	F	F											
	GI2	F	F											
	GI3													
HUNTSTOWN	HN2													
	HNC													
LEE	LE1													
	LE2													
	LE3													
LIFFEY	LI1													
	LI2													
	LI4													
	LI5													
LOUGH REE	LR4												S	
MONEYPOINT	MP1													
	MP2													
	MP3													
MARINA	MRC													
NORTH WALL	NW5													
	NWC													
POOLBEG	PB1													
	PB2													
	PB3	F	F	F	F	F	F	F	F	F	F	F	F	
	PB4													
	PB5													
	PB6													
RHODE	RP1													
	RP2													
SEAL ROCK	SK3													
	SK4													
TARBERT	TB1													
	TB2													
	TB3	(1)												
	TB4													
TURLOUGH HILL	TH1	F	F	F	F	F	F	F	F	F	F	F	F	
	TH2													
	TH3													
	TH4													
TAWNAGHMORE	TP1					S								
TYNAGH	TYC													
WEST OFFALY	WO4													

S = Scheduled Outage<sup>(2)</sup> F = Forced Outage<sup>(3)</sup>

**Notes on 3-month outlook:**

- (1) Tarbert Unit 3 assumed to return to service by 01 December 2007
- (2) Scheduled outages as per Committed Generation Outage program for 2008 v1 from SONI and EirGrid
- (3) Forced outages – return to service as per Generator’s best estimations at time of report (28 Nov 2007)