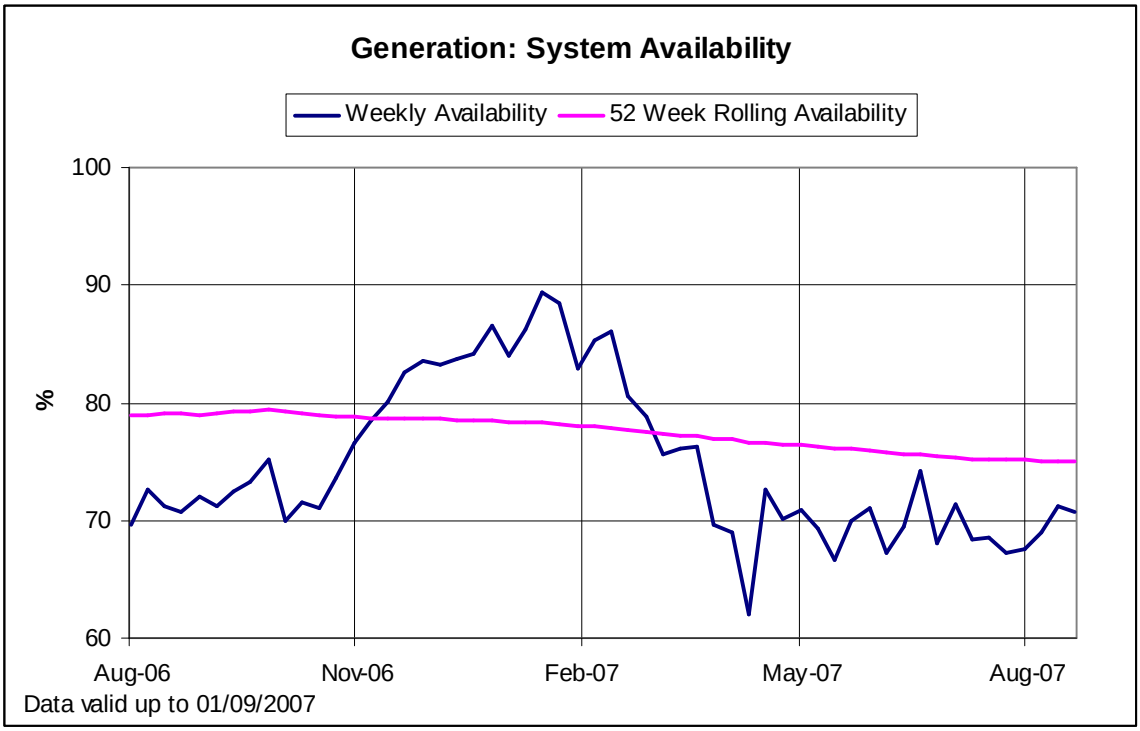
EirGrid Monthly Availability Report – August 2007

This is the monthly availability report produced by EirGrid, the Transmission System Operator, for August 2007. It shows the overall system availability and the breakdown in unavailability between scheduled outages and forced outages.

Key Points:

- Overall System Availability was poor, due to high percentage of forced outages at 17%, coupled with 11% of plant on scheduled outage for maintenance.
- A number of units were on forced outage for the entire month including Aghada AT4, Lough Ree Power and West Offaly Power, in addition to the long tern outages of Poolbeg Unit 3 (PB3) and Turlough Hill Unit 1 (TH1).
- The forced outage rate, excluding the long-term outages (PB3 and TH1) is 12.4%, which is slightly above the assumed level of 11.5% in the base case analysis outlined in the Winter Outlook 2007-2008.



Definitions

Availability: the capacity-weighted percentage of the time from 00:00 Sunday 29th July to 00:00 Sunday 2nd September that generators were available.

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

Scheduled: outages where generators are unavailable for 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)

HOW TO CONTACT US

General Queries
Tel: +353 1 702 6642
Email: info@eirgrid.com

Power System Operation
Doireann Barry
Tel: +353 1 702 6039
Email: doireann.barry@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 2007

Company	Unit	Installed Capacity*	Availability %	Forced %	Scheduled %	52wk Rolling Availability %
Aughinish Alumina	Seal Rock - SK3	80.5	98.8	*1.2*	*0.0*	92.6
	Seal Rock - SK4	80.5	40.9	*3.2*	*55.8*	87.9
Edenderry Power	Edenderry - ED1	117.6	86.3	*10.8*	*2.9*	73.0
ESB Power Generation	Ardnacrusha - AA1	21	99.9	*0.1*	*0.0*	92.1
	Ardnacrusha - AA2	21	99.1	*0.9*	*0.0*	97.4
	Ardnacrusha - AA3	22	100.0	*0.0*	*0.0*	94.5
	Ardnacrusha - AA4	22	99.9	*0.1*	*0.0*	95.1
	Aghada - AD1	258	78.8	*21.2*	*0.0*	87.0
	Aghada - AT1	90	99.9	*0.1*	*0.0*	98.4
	Aghada - AT2	90	0.0	*80.0*	*20.0*	42.8
	Aghada - AT4	90	0.0	*100.0*	*0.0*	41.6
	Aghada - AP5	52	100.0	*0.0*	*0.0*	96.4
	Erne - ER1	10	99.8	*0.0*	*0.2*	93.1
	Erne - ER2	10	99.8	*0.0*	*0.2*	94.1
	Erne - ER3	23	100.0	*0.0*	*0.0*	97.1
	Erne - ER4	22	100.0	*0.0*	*0.0*	95.1
	Great Island - GI1	54	66.8	*8.8*	*24.4*	86.2
	Great Island - GI2	54	80.9	*16.2*	*2.9*	27.8
	Great Island - GI3	108	84.8	*12.4*	*2.9*	47.1
	Lee - LE1	15	99.9	*0.1*	*0.0*	93.3
	Lee - LE2	4	100.0	*0.0*	*0.0*	91.2
	Lee - LE3	8	92.1	*4.0*	*3.9*	86.9
	Liffey - LI1	15	88.2	*0.0*	*11.8*	95.7
	Liffey - LI2	15	91.2	*0.0*	*8.8*	96.1
	Liffey - LI3	4	91.2	*0.0*	*8.8*	94.9
	Liffey - LI4	4	100.0	*0.0*	*0.0*	85.3
	Lough Ree Power - LR4	91	0.0	*100.0*	*0.0*	54.0
	Moneypoint - MP1	282.5	42.9**	*5.5*	*51.5*	63.2
	Moneypoint - MP2	287.5	99.0	*1.0*	*0.0*	96.5
	Moneypoint - MP3	282.5	0.0	*0.0*	*100.0*	83.2
	Marina - MRC	112	75.3	*21.3*	*3.3*	90.0
	North Wall - NWC	163	33.6	*66.4*	*0.0*	60.1
	North Wall - NW5	109	51.5	*12.2*	*36.3*	83.5
	Poolbeg - PB1	109.5	78.0	*12.7*	*9.3*	32.8
	Poolbeg - PB2	109.5	93.0	*0.0*	*7.0*	72.6
	Poolbeg - PB3	242	0.0	*100.0*	*0.0*	1.6
	Poolbeg - PB4	150	91.7	*8.3*	*0.0*	87.8
	Poolbeg - PB5	150	92.3	*7.7*	*0.0*	91.3
	Poolbeg - PB6	160	98.6	*1.4*	*0.0*	64.1
	Rhode - RP1	52	100.0	*0.0*	*0.0*	98.3
	Rhode - RP2	52	100.0	*0.0*	*0.0*	98.4
	Tarbert - TB1	54	99.9	*0.1*	*0.0*	93.4
	Tarbert - TB2	54	99.5	*0.5*	*0.0*	68.8
	Tarbert - TB3	241	76.3	*7.8*	*16.0*	88.9
	Tarbert - TB4	241	91.4	*6.6*	*2.1*	86.2
	Turlough Hill - TH1	73	0.0	*100.0*	*0.0*	68.7
	Turlough Hill - TH2	73	99.8	*0.2*	*0.0*	96.6
	Turlough Hill - TH3	73	81.4	*0.0*	*18.6*	97.4
	Turlough Hill - TH4	73	99.1	*0.0*	*0.9*	95.5
	Tawnaghmore - TP1	52	85.0	*0.0*	*15.0*	91.9
	West Offaly Power - WO4	137	0.0	*100.0*	*0.0*	51.8
Synergen	Dublin Bay - DB1	403	94.9	*5.1*	*0.0*	86.6
Tynagh Energy	Tynagh - TYC	384	82.6	*17.0*	*0.4*	66.7
Viridian Power & Energy	Huntstown - HNC	343	92.1	*7.9*	*0.0*	87.2
	Huntstown - HN2	401	Commissioning			
System Total Average Availability			**71.8**	***17.2***	***11.0***	**76.3**

*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.
** MP1 was testing during August