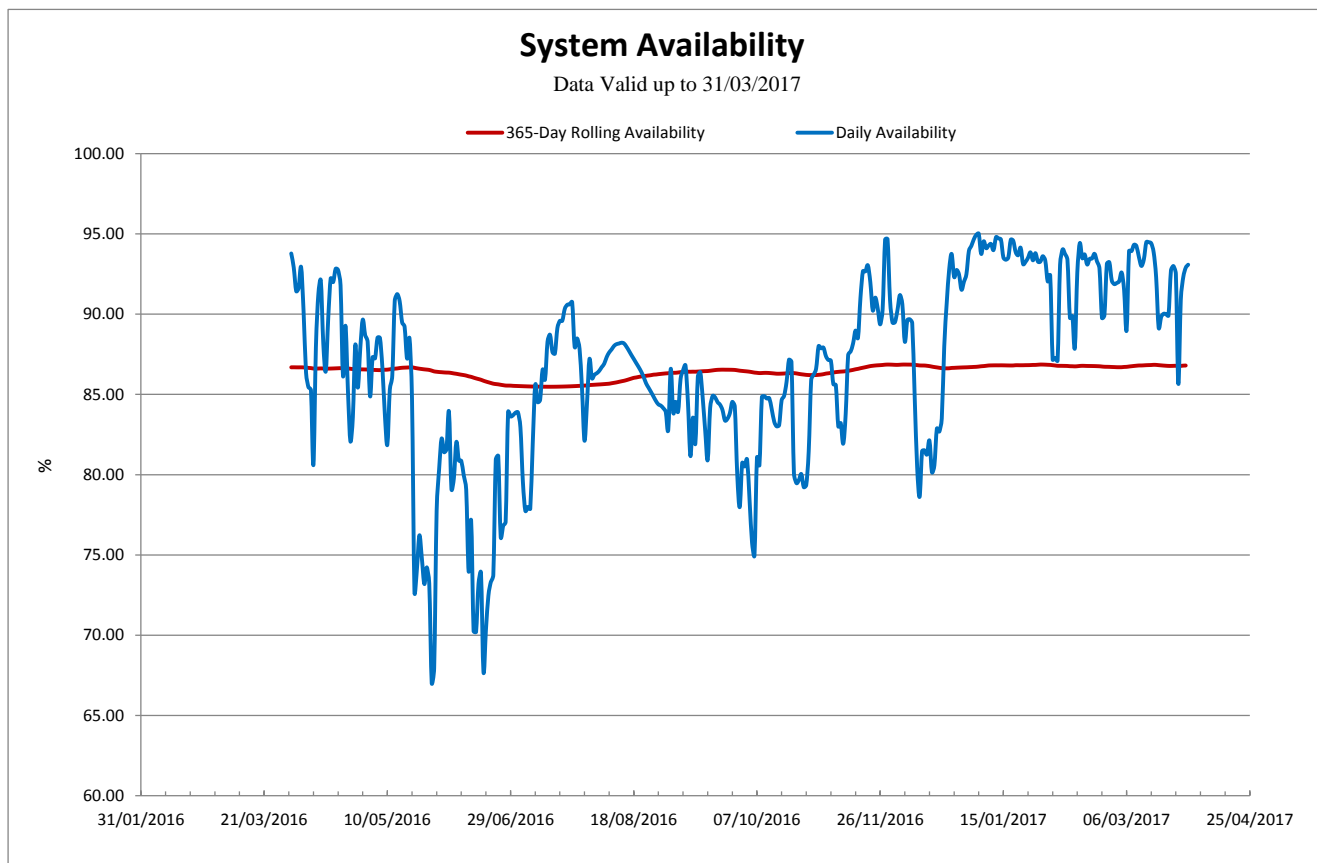


EirGrid Monthly Availability Report – March 2017

Availability report for March 2017¹.



Definitions

Availability: the capacity-weighted percentage of the time 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

Email: info@eirgrid.com

Email: PSOP@eirgrid.com

www.eirgridgroup.com

¹ Based on EDIL (Electronic Dispatch Instruction Logger) declarations.

Table 1: Unit-by-Unit Average Monthly Availability Conventional Units – March 2017

Unit-by-Unit Average Monthly Availability – March 2017						
Company	Unit	Capacity	Monthly Availability %	Monthly Forced %	Monthly Scheduled %	Monthly Ambient %
Aughinish Alumina Ltd	Seal Rock - SK3	85	93.33	0.43	0	6.24
	Seal Rock - SK4	85	89.73	0.17	5.46	4.64
Bord Gáis	Whitegate – WG1	444	99.04	0	0	0.96
Edenderry Power Ltd	Edenderry – ED1	118	93.07	6.93	0	0
	Edenderry – ED3	58	96.77	3.23	0	0
	Edenderry – ED5	58	96.77	3.23	0	0
SSE Generation Ireland	Great Island – GI4	461	98.96	0.14	0	0.9
	Rhode – RP1	52	99.96	0.04	0	0
	Rhode – RP2	52	100	0	0	0
	Tarbert – TB1	54	99.61	0.39	0	0
	Tarbert – TB2	54	100	0	0	0
	Tarbert – TB3	241	100	0	0	0
	Tarbert – TB4	243	100	0	0	0
	Tawnaghmore - TP1	52	98.57	1.43	0	0
Tawnaghmore - TP3	52	100	0	0	0	
ESB Energy Ireland	Aghada - AD1	258	100	0	0	0
	Aghada - AD2	431	94.61	5.35	0	0.04
	Aghada - AT1	90	91.29	8.71	0	0
	Aghada - AT2	90	90.98	0	9.02	0
	Aghada - AT4	90	100	0	0	0
	Ardnacrusha - AA1	21	99.66	0	0.34	0
	Ardnacrusha - AA2	22	99.66	0	0.34	0
	Ardnacrusha - AA3	19	99.66	0	0.34	0
	Ardnacrusha - AA4	24	92.84	6.82	0.34	0
	Erne - ER1	10	99.48	0.52	0	0
	Erne - ER2	10	99.7	0.3	0	0
	Erne - ER3	22	99.73	0	0.27	0
	Erne - ER4	22	99.53	0.2	0.27	0
	Lee - LE1	15	19.66	16.64	63.7	0
	Lee - LE2	4	0	0	100	0
	Lee - LE3	8	97.36	2.64	0	0
	Liffey - LI1	15	98.97	0	1.03	0
	Liffey - LI2	15	98.95	0	1.05	0
	Liffey - LI4	4	0	0	100	0
	Liffey - LI5	4	100	0	0	0
	Lough Ree Power - LR4	91	72.3	5.46	22.24	0
	Marina - MRC	123	98.95	1.05	0	0
	Moneypoint - MP1	285	93.79	6.21	0	0
	Moneypoint - MP2	285	99.79	0.21	0	0
	Moneypoint - MP3	285	78.09	21.91	0	0
	North Wall - NW5	104	100	0	0	0
	Poolbeg - PBA	231	100	0	0	0
	Poolbeg - PBB	231	99.38	0.62	0	0
	Turlough Hill - TH1	73	96.63	2.7	0.67	0
	Turlough Hill - TH2	73	98.08	0.58	1.34	0
Turlough Hill - TH3	73	98.89	0.56	0.55	0	
Turlough Hill - TH4	73	99.44	0.56	0	0	
West Offaly Power - WO4	137	90	10	0	0	
Indaver	Indaver – IW1	16	99.49	0.51	0	0
Synergen	Dublin Bay - DB1	405	99.79	0.18	0	0.03
Tynagh Energy Ltd	Tynagh – TYC	384	97.8	0	0	2.2
Viridian Power & Energy	Huntstown - HN2	400	97.23	0	0.03	2.74
	Huntstown - HNC	342	96.96	0	0	3.04

Table 2: Unit-by-Unit Average Monthly Availability Demand Side Units – March 2017

Unit-by-Unit Average Monthly Availability – March 2017					
Company	Unit	Monthly Availability %	Monthly Forced %	Monthly Scheduled %	Monthly Ambient %
Activation Energy	Activation Energy 1 – AE1	35.38	43.94	20.68	0
	Activation Energy 2 – AE2	62.03	37.97	0	0
	Activation Energy 3 – AE3	63.97	35.52	0.51	0
	Activation Energy 4 – AE4	0	100	0	0
	Activation Energy 5 – AE5	56.17	31.17	12.66	0
DAE VPP	DAE VPP – DP1	53.63	0	46.37	0
	DAE VPP – DP2	16.51	0	83.49	0
Electricity Exchange Ltd.	Electricity Exchange – EE1	56.56	16.13	27.31	0
	Electricity Exchange – EE2	68.22	11.73	20.05	0
Electric Ireland	Electric Ireland – EI1	85.32	3.35	11.33	0
Endeco	Endeco 1 – EC1	70.2	0.03	29.77	0
	Endeco 2 – EC2	33.33	0	66.67	0
Energy Trading Ireland	Energy Trading – ET1	81.84	18.16	0	0
Powerhouse	Powerhouse – PG1	76.19	23.81	0	0
Viridian Power & Energy	Viridian Energy – VE1	70.31	0	29.69	0

Table 3: System Total Average Monthly Availability – March 2017

	Monthly Availability %	Monthly Forced %	Monthly Scheduled %	Monthly Ambient %
System Total Average Availability	92.16	5.37	1.82	0.65

Table 4: Unit-by-Unit 365 Day Rolling Availability Conventional Units – March 2016 to March 2017

Unit-by-Unit 365 Day Rolling Availability – March 2016 to March 2017						
Company	Unit	Capacity	Monthly Availability %	Monthly Forced %	Monthly Scheduled %	Monthly Ambient %
Aughinish Alumina Ltd	Seal Rock - SK3	85	89.86	1.62	2.79	5.73
	Seal Rock - SK4	85	84.87	0.88	9.94	4.31
Bord Gáis	Whitegate – WG1	444	91.6	1.16	6.29	0.95
Edenderry Power Ltd	Edenderry – ED1	118	87.01	4.16	8.83	0
	Edenderry – ED3	58	99.46	0.43	0.11	0
	Edenderry – ED5	58	99.54	0.35	0.11	0
SSE Generation Ireland	Great Island – GI4	461	87.75	7.61	3.36	1.28
	Rhode – RP1	52	99.06	0.92	0.02	0
	Rhode – RP2	52	98.81	1.17	0.02	0
	Tarbert – TB1	54	97.76	1.3	0.94	0
	Tarbert – TB2	54	98.46	1.04	0.5	0
	Tarbert – TB3	241	99.08	0.7	0.22	0
	Tarbert – TB4	243	95.58	4.2	0.22	0
	Tawnaghmore - TP1 Tawnaghmore - TP3	52 52	66.72 60.15	1.82 0.01	31.46 39.84	0 0
ESB Energy Ireland	Aghada - AD1	258	94.19	5.04	0.77	0
	Aghada - AD2	431	95.49	1.09	2.96	0.46
	Aghada - AT1	90	97.83	0.9	1.27	0
	Aghada - AT2	90	97.43	0.31	2.26	0
	Aghada - AT4	90	97.3	0.36	2.34	0
	Ardnacrusha - AA1	21	74.33	0.82	24.85	0
	Ardnacrusha - AA2	22	73.89	0.66	25.45	0
	Ardnacrusha - AA3	19	72.58	2.36	25.06	0
	Ardnacrusha - AA4	24	64.56	1.77	33.67	0
	Erne - ER1	10	97.87	0.78	1.35	0
	Erne - ER2	10	91.74	7.14	1.12	0
	Erne - ER3	22	93.24	0.2	6.56	0
	Erne - ER4	22	97.97	0.52	1.51	0
	Lee - LE1	15	2.55	1.44	96.01	0
	Lee - LE2	4	0.92	0	99.08	0
	Lee - LE3	8	94.25	0.37	5.38	0
	Liffey - LI1	15	84.15	0.59	15.26	0
	Liffey - LI2	15	84.67	0.9	14.43	0
	Liffey - LI4	4	0.83	0.14	99.03	0
	Liffey - LI5	4	93.31	5.52	1.17	0
	Lough Ree Power - LR4	91	85.72	8.7	5.58	0
	Marina - MRC	123	98.23	0.27	0.72	0.78
	Moneypoint - MP1	285	84.36	15.64	0	0
	Moneypoint - MP2	285	88.89	11.03	0.08	0
	Moneypoint - MP3	285	89.67	7.3	3.03	0
	North Wall – NW5	104	96.18	0.61	3.21	0
	Poolbeg – PBA	231	96.81	0.67	2.51	0.01
Poolbeg - PBB	231	90.63	4.58	4.78	0.01	
Turlough Hill - TH1	73	93.93	0.94	5.13	0	
Turlough Hill - TH2	73	88.52	6.94	4.54	0	
Turlough Hill - TH3	73	96.03	0.58	3.39	0	
Turlough Hill - TH4	73	95.24	1.22	3.54	0	
West Offaly Power - WO4	137	84.71	6.76	8.53	0	
Indaver	Indaver – IW1	16	88.58	11.42	0	0
Synergen	Dublin Bay - DB1	405	80.8	1.58	16.74	0.88
Tynagh Energy Ltd	Tynagh – TYC	384	94.2	1.8	1.5	2.5
Viridian Power & Energy	Huntstown - HN2	400	88.05	0.38	8.55	3.02
	Huntstown - HNC	342	86	1.18	9.61	3.21

Table 5: Unit-by-Unit 365 Day Rolling Availability Demand Side Units – March 2016 to March 2017

Unit-by-Unit Average Monthly Availability – March 2016 to March 2017					
Company	Unit	Monthly Availability %	Monthly Forced %	Monthly Scheduled %	Monthly Ambient %
Activation Energy	Activation Energy 1 – AE1	41.34	42.22	16.44	0
	Activation Energy 2 – AE2	69.33	30.52	0.15	0
	Activation Energy 3 – AE3	80.62	14.78	4.6	0
	Activation Energy 4 – AE4	42.02	54.46	3.52	0
	Activation Energy 5 – AE5	30.38	57.38	12.24	0
DAE VPP	DAE VPP – DP1	50.58	16.45	32.97	0
	DAE VPP – DP2	7.14	0	92.86	0
Electricity Exchange Ltd.	Electricity Exchange – EE1	57.58	26.28	16.14	0
	Electricity Exchange – EE2	43.36	12.45	44.19	0
Electric Ireland	Electric Ireland – EI1	81.22	4.93	13.85	0
Endeco	Endeco 1 – EC1	70.81	0.07	29.12	0
	Endeco 2 – EC2	56.77	26.87	16.36	0
Energy Trading Ireland	Energy Trading – ET1	86.45	13.55	0	0
Powerhouse	Powerhouse – PG1	82.79	17.21	0	0
Viridian Power & Energy	Viridian Energy – VE1	56.42	0.05	43.53	0

Table 6: 365 Day Rolling System Total Average Availability – March 2016 to March 2017

	Monthly Availability %	Monthly Forced %	Monthly Scheduled %	Monthly Ambient %
System Total Average Availability	86.56	6.49	6.17	0.78