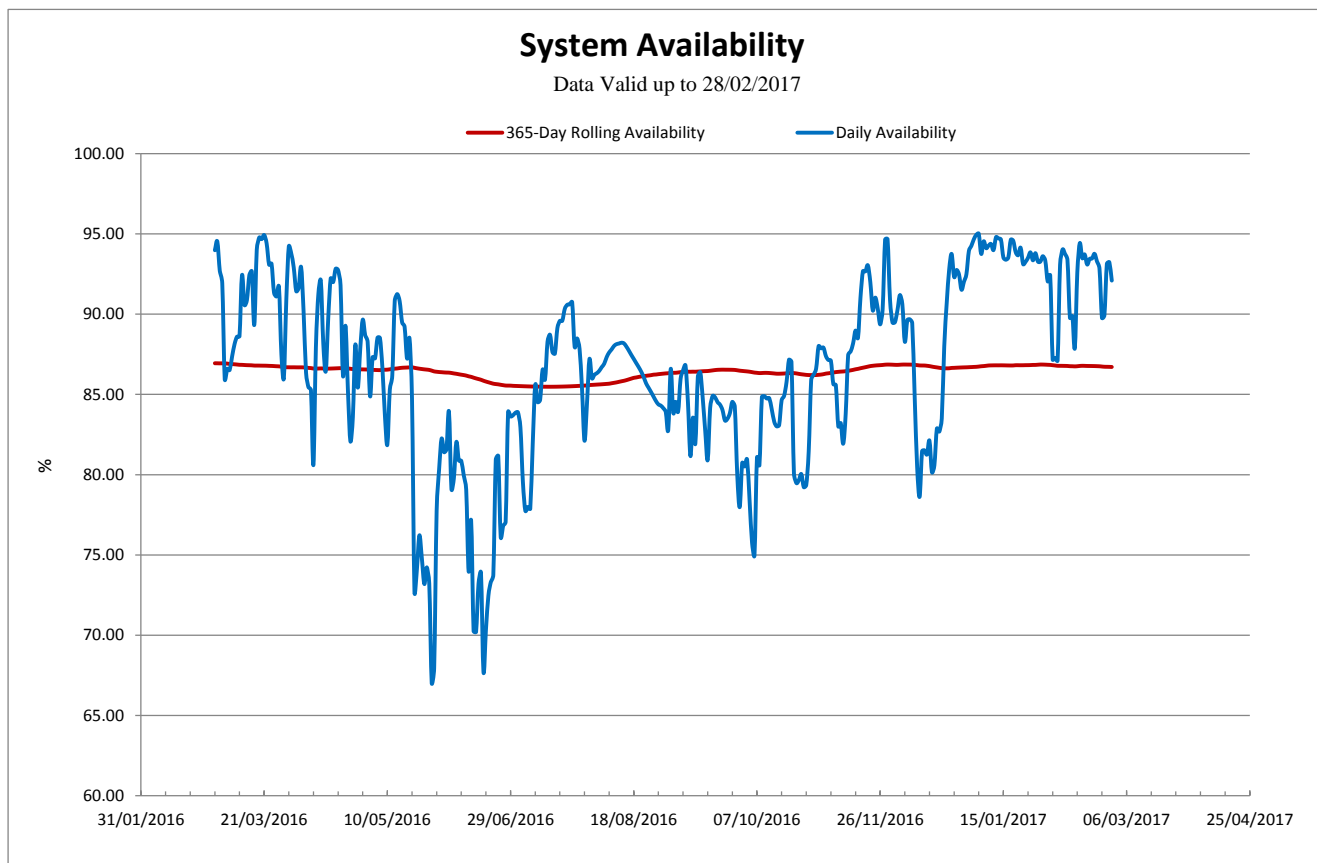


EirGrid Monthly Availability Report – February 2017

Availability report for February 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

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

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

Unit-by-Unit Average Monthly Availability – February 2017						
Company	Unit	Capacity	Monthly Availability %	Monthly Forced %	Monthly Scheduled %	Monthly Ambient %
Aughinish Alumina Ltd	Seal Rock - SK3	85	94.77	0	0	5.23
	Seal Rock - SK4	85	96.43	0	0	3.57
Bord Gáis	Whitegate – WG1	444	97.55	0.27	1.19	0.99
Edenderry Power Ltd	Edenderry – ED1	118	98.5	0.81	0.69	0
	Edenderry – ED3	58	100	0	0	0
	Edenderry – ED5	58	100	0	0	0
SSE Generation Ireland	Great Island – GI4	461	90.3	8.93	0	0.77
	Rhode – RP1	52	100	0	0	0
	Rhode – RP2	52	96.62	3.38	0	0
	Tarbert – TB1	54	96.95	0	3.05	0
	Tarbert – TB2	54	96.42	2.53	1.05	0
	Tarbert – TB3	241	98.86	0.42	0.72	0
	Tarbert – TB4	243	99.27	0.02	0.71	0
	Tawnaghmore - TP1 Tawnaghmore - TP3	52 52	100 100	0 0	0 0	0 0
ESB Energy Ireland	Aghada - AD1	258	100	0	0	0
	Aghada - AD2	431	83.9	4.79	11.17	0.14
	Aghada - AT1	90	97.88	2.12	0	0
	Aghada - AT2	90	96.97	0.35	2.68	0
	Aghada - AT4	90	100	0	0	0
	Ardnacrusha - AA1	21	81.16	0	18.84	0
	Ardnacrusha - AA2	22	80.04	0	19.96	0
	Ardnacrusha - AA3	19	76.62	3.42	19.96	0
	Ardnacrusha - AA4	24	80.04	0	19.96	0
	Erne - ER1	10	99.98	0.02	0	0
	Erne - ER2	10	100	0	0	0
	Erne - ER3	22	99.23	0	0.77	0
	Erne - ER4	22	99.23	0	0.77	0
	Lee - LE1	15	0	0	100	0
	Lee - LE2	4	0	0	100	0
	Lee - LE3	8	100	0	0	0
	Liffey - LI1	15	99.1	0	0.9	0
	Liffey - LI2	15	99.1	0	0.9	0
	Liffey - LI4	4	0	0	100	0
	Liffey - LI5	4	100	0	0	0
	Lough Ree Power - LR4	91	93.39	6.61	0	0
	Marina - MRC	123	98.95	1.05	0	0
	Moneypoint - MP1	285	93.82	6.18	0	0
	Moneypoint - MP2	285	99.31	0.69	0	0
	Moneypoint - MP3	285	93.26	4.99	1.75	0
	North Wall – NW5	104	100	0	0	0
	Poolbeg – PBA	231	100	0	0	0
	Poolbeg - PBB	231	100	0	0	0
	Turlough Hill - TH1	73	99.3	0.22	0.48	0
	Turlough Hill - TH2	73	99.27	0	0.73	0
Turlough Hill - TH3	73	99.21	0	0.79	0	
Turlough Hill - TH4	73	99.83	0	0.17	0	
West Offaly Power - WO4	137	90.51	9.25	0.24	0	
Indaver	Indaver – IW1	16	85.86	14.14	0	0
Synergen	Dublin Bay - DB1	405	99.68	0.29	0	0.03
Tynagh Energy Ltd	Tynagh – TYC	384	98.01	0	0	1.99
Viridian Power & Energy	Huntstown - HN2	400	97.81	0	0.01	2.18
	Huntstown - HNC	342	97.49	0	0	2.51

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

Unit-by-Unit Average Monthly Availability – February 2017					
Company	Unit	Monthly Availability %	Monthly Forced %	Monthly Scheduled %	Monthly Ambient %
Activation Energy	Activation Energy 1 – AE1	36.97	46.45	16.58	0
	Activation Energy 2 – AE2	62.8	37.2	0	0
	Activation Energy 3 – AE3	71.29	27.64	1.07	0
	Activation Energy 4 – AE4	0	100	0	0
	Activation Energy 5 – AE5	43.49	34.42	22.09	0
DAE VPP	DAE VPP – DP1	63.27	0	36.73	0
	DAE VPP – DP2	0	0	100	0
Electricity Exchange Ltd.	Electricity Exchange – EE1	56.29	16.52	27.19	0
	Electricity Exchange – EE2	72.74	14.46	12.8	0
Electric Ireland	Electric Ireland – EI1	85.4	1.98	12.62	0
Endeco	Endeco 1 – EC1	68.4	0.42	31.18	0
	Endeco 2 – EC2	86.93	0	13.07	0
Energy Trading Ireland	Energy Trading – ET1	75.16	24.84	0	0
Powerhouse	Powerhouse – PG1	75.99	24.01	0	0
Viridian Power & Energy	Viridian Energy – VE1	50.83	0	49.17	0

Table 3: System Total Average Monthly Availability – February 2017

	Monthly Availability %	Monthly Forced %	Monthly Scheduled %	Monthly Ambient %
System Total Average Availability	91.91	4.99	2.54	0.56

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

Unit-by-Unit 365 Day Rolling Availability – February 2016 to February 2017						
Company	Unit	Capacity	Monthly Availability %	Monthly Forced %	Monthly Scheduled %	Monthly Ambient %
Aughinish Alumina Ltd	Seal Rock - SK3	85	90.05	1.58	2.79	5.58
	Seal Rock - SK4	85	85.4	0.87	9.47	4.26
Bord Gáis	Whitegate – WG1	444	91.27	1.48	6.37	0.88
Edenderry Power Ltd	Edenderry – ED1	118	86.21	3.58	10.21	0
	Edenderry – ED3	58	99.73	0.16	0.11	0
	Edenderry – ED5	58	99.82	0.07	0.11	0
SSE Generation Ireland	Great Island – GI4	461	85.33	7.71	5.75	1.21
	Rhode – RP1	52	99.06	0.92	0.02	0
	Rhode – RP2	52	98.81	1.17	0.02	0
	Tarbert – TB1	54	97.8	1.26	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	66.34 60.12	2.2 0.04	31.46 39.84	0 0
ESB Energy Ireland	Aghada - AD1	258	94.19	5.04	0.77	0
	Aghada - AD2	431	95.94	0.64	2.96	0.46
	Aghada - AT1	90	98.57	0.16	1.27	0
	Aghada - AT2	90	98.19	0.31	1.5	0
	Aghada - AT4	90	97.3	0.36	2.34	0
	Ardnacrusha - AA1	21	73.92	0.85	25.23	0
	Ardnacrusha - AA2	22	73.63	0.66	25.71	0
	Ardnacrusha - AA3	19	71.76	2.76	25.48	0
	Ardnacrusha - AA4	24	64.63	1.35	34.02	0
	Erne - ER1	10	91.92	0.86	7.22	0
	Erne - ER2	10	91.74	7.12	1.14	0
	Erne - ER3	22	93.23	0.21	6.56	0
	Erne - ER4	22	97.98	0.51	1.51	0
	Lee - LE1	15	9.22	0.03	90.75	0
	Lee - LE2	4	9.25	0	90.75	0
	Lee - LE3	8	94.48	0.14	5.38	0
	Liffey - LI1	15	77.38	1.96	20.66	0
	Liffey - LI2	15	79.95	5.71	14.34	0
	Liffey - LI4	4	5.51	0.57	93.92	0
	Liffey - LI5	4	93.31	5.52	1.17	0
	Lough Ree Power - LR4	91	87.9	8.4	3.7	0
	Marina - MRC	123	98.23	0.18	0.72	0.87
	Moneypoint - MP1	285	84.12	15.88	0	0
	Moneypoint - MP2	285	88.41	11.51	0.08	0
	Moneypoint - MP3	285	90.79	6.18	3.03	0
	North Wall – NW5	104	96.11	0.61	3.21	0.07
	Poolbeg – PBA	231	96.46	0.74	2.79	0.01
	Poolbeg - PBB	231	89.66	5.02	5.31	0.01
	Turlough Hill - TH1	73	94.15	0.72	5.13	0
	Turlough Hill - TH2	73	88.58	6.99	4.43	0
Turlough Hill - TH3	73	96.05	0.53	3.42	0	
Turlough Hill - TH4	73	95.25	1.17	3.58	0	
West Offaly Power - WO4	137	85.1	6.27	8.63	0	
Indaver	Indaver – IW1	16	88.5	11.5	0	0
Synergen	Dublin Bay - DB1	405	80.79	1.57	16.74	0.9
Tynagh Energy Ltd	Tynagh – TYC	384	94.26	1.83	1.5	2.41
Viridian Power & Energy	Huntstown - HN2	400	87.74	0.38	8.94	2.94
	Huntstown - HNC	342	85.83	1.42	9.61	3.14

Whilst it strives to ensure as high a level of accuracy as possible, EirGrid makes no warranties or representations of any kind with respect to the content of this report (including without limitation its quality, accuracy, and completeness.) and EirGrid accepts no liability for any reliance on the information presented here.

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

Unit-by-Unit Average Monthly Availability – February 2017					
Company	Unit	Monthly Availability %	Monthly Forced %	Monthly Scheduled %	Monthly Ambient %
Activation Energy	Activation Energy 1 – AE1	41.92	42.12	15.96	0
	Activation Energy 2 – AE2	69.92	29.83	0.25	0
	Activation Energy 3 – AE3	83.05	11.82	5.13	0
	Activation Energy 4 – AE4	50.5	45.98	3.52	0
	Activation Energy 5 – AE5	25.75	63.03	11.22	0
DAE VPP	DAE VPP – DP1	48.71	22.5	28.79	0
	DAE VPP – DP2	6.28	0	93.72	0
Electricity Exchange Ltd.	Electricity Exchange – EE1	58.39	27.01	14.6	0
	Electricity Exchange – EE2	40.89	12.52	46.59	0
Electric Ireland	Electric Ireland – EI1	80.66	5.26	14.08	0
Endeco	Endeco 1 – EC1	70.66	0.06	29.28	0
	Endeco 2 – EC2	62.94	33.95	3.11	0
Energy Trading Ireland	Energy Trading – ET1	86.94	13.06	0	0
Powerhouse	Powerhouse – PG1	83.32	16.68	0	0
Viridian Power & Energy	Viridian Energy – VE1	54.12	0.05	45.83	0

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

	Monthly Availability %	Monthly Forced %	Monthly Scheduled %	Monthly Ambient %
System Total Average Availability	86.39	6.53	6.3	0.78