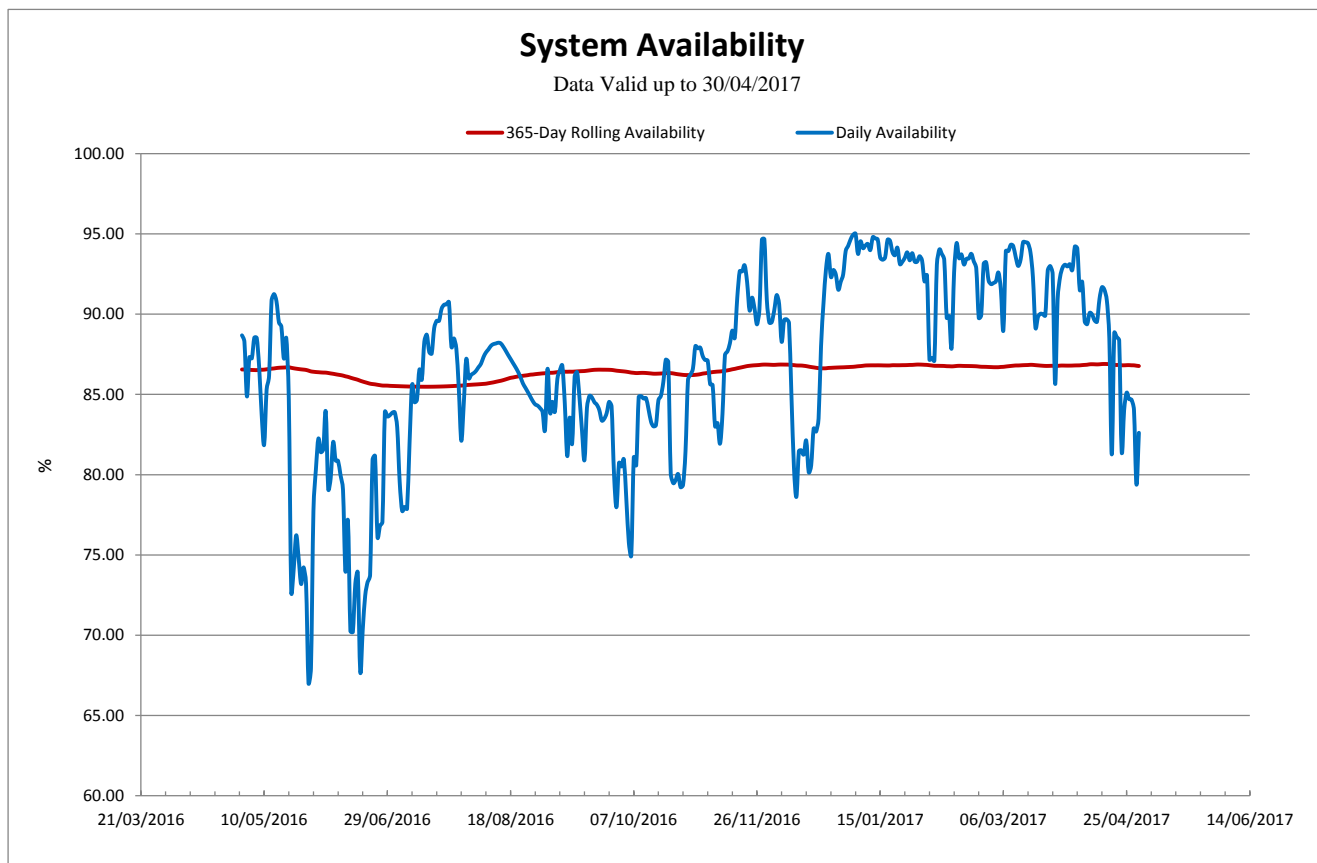


EirGrid Monthly Availability Report – April 2017

Availability report for April 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 – April 2017

Unit-by-Unit Average Monthly Availability – April 2017						
Company	Unit	Capacity	Monthly Availability %	Monthly Forced %	Monthly Scheduled %	Monthly Ambient %
Aughinish Alumina Ltd	Seal Rock - SK3	85	88.9	0.13	6.72	4.25
	Seal Rock - SK4	85	96.73	0	0	3.27
Bord Gáis	Whitegate – WG1	444	94.82	0	4.95	0.23
Edenderry Power Ltd	Edenderry – ED1	118	75.24	7.72	17.04	0
	Edenderry – ED3	58	96.67	3.33	0	0
	Edenderry – ED5	58	96.67	3.33	0	0
SSE Generation Ireland	Great Island – GI4	461	73.19	0	26.59	0.22
	Rhode – RP1	52	100	0	0	0
	Rhode – RP2	52	100	0	0	0
	Tarbert – TB1	54	99.32	0.68	0	0
	Tarbert – TB2	54	99.94	0.06	0	0
	Tarbert – TB3	241	100	0	0	0
	Tarbert – TB4	243	100	0	0	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	97.27	2.71	0	0.02
	Aghada - AT1	90	100	0	0	0
	Aghada - AT2	90	100	0	0	0
	Aghada - AT4	90	85.01	0	14.99	0
	Ardnacrusha - AA1	21	68.63	0	31.37	0
	Ardnacrusha - AA2	22	84.13	0.18	15.69	0
	Ardnacrusha - AA3	19	84.27	0	15.73	0
	Ardnacrusha - AA4	24	82.89	0.06	17.05	0
	Erne - ER1	10	100	0	0	0
	Erne - ER2	10	100	0	0	0
	Erne - ER3	22	99.93	0.07	0	0
	Erne - ER4	22	100	0	0	0
	Lee - LE1	15	100	0	0	0
	Lee - LE2	4	0	0	100	0
	Lee - LE3	8	100	0	0	0
	Liffey - LI1	15	100	0	0	0
	Liffey - LI2	15	100	0	0	0
	Liffey - LI4	4	7.6	0	92.4	0
	Liffey - LI5	4	100	0	0	0
	Lough Ree Power - LR4	91	94.16	5.31	0.53	0
	Marina - MRC	123	98.95	1.05	0	0
	Moneypoint - MP1	285	94.48	5.52	0	0
	Moneypoint - MP2	285	60.23	39.77	0	0
	Moneypoint - MP3	285	96.49	3.51	0	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	99.81	0	0.19	0
	Turlough Hill - TH2	73	99.81	0	0.19	0
Turlough Hill - TH3	73	99.81	0	0.19	0	
Turlough Hill - TH4	73	98.63	0	1.37	0	
West Offaly Power - WO4	137	58.22	7.92	33.86	0	
Indaver	Indaver – IW1	16	99.8	0.2	0	0
Synergen	Dublin Bay - DB1	405	98.86	0.52	0.59	0.03
Tynagh Energy Ltd	Tynagh – TYC	384	98.63	0	0	1.37
Viridian Power & Energy	Huntstown - HN2	400	95.13	2.92	0.02	1.93
	Huntstown - HNC	342	98.24	0	0.02	1.74

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

Unit-by-Unit Average Monthly Availability – April 2017					
Company	Unit	Monthly Availability %	Monthly Forced %	Monthly Scheduled %	Monthly Ambient %
Activation Energy	Activation Energy 1 – AE1	33.93	52.97	13.1	0
	Activation Energy 2 – AE2	68.49	31.46	0.05	0
	Activation Energy 3 – AE3	64.29	35.71	0	0
	Activation Energy 4 – AE4	0	100	0	0
	Activation Energy 5 – AE5	56.09	10.64	33.27	0
DAE VPP	DAE VPP – DP1	55.69	0	44.31	0
	DAE VPP – DP2	51.96	0	48.04	0
Electricity Exchange Ltd.	Electricity Exchange – EE1	54.03	17.8	28.17	0
	Electricity Exchange – EE2	71.8	13.68	14.52	0
Electric Ireland	Electric Ireland – EI1	85.45	2.97	11.58	0
Endeco	Endeco 1 – EC1	66.13	0.03	33.84	0
	Endeco 2 – EC2	44.06	0	55.94	0
Energy Trading Ireland	Energy Trading – ET1	81.72	18.28	0	0
Powerhouse	Powerhouse – PG1	75.39	24.61	0	0
Viridian Power & Energy	Viridian Energy – VE1	65.64	0	34.36	0

Table 3: System Total Average Monthly Availability – April 2017

	Monthly Availability %	Monthly Forced %	Monthly Scheduled %	Monthly Ambient %
System Total Average Availability	88.51	6.65	4.47	0.37

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

Unit-by-Unit 365 Day Rolling Availability – April 2016 to April 2017						
Company	Unit	Capacity	Monthly Availability %	Monthly Forced %	Monthly Scheduled %	Monthly Ambient %
Aughinish Alumina Ltd	Seal Rock - SK3	85	89.44	1.54	3.34	5.68
	Seal Rock - SK4	85	85.57	0.88	9.29	4.26
Bord Gáis	Whitegate – WG1	444	91.97	0.38	6.7	0.95
Edenderry Power Ltd	Edenderry – ED1	118	85.86	3.91	10.23	0
	Edenderry – ED3	58	99.19	0.7	0.11	0
	Edenderry – ED5	58	99.27	0.62	0.11	0
SSE Generation Ireland	Great Island – GI4	461	86.03	7.16	5.55	1.26
	Rhode – RP1	52	99.37	0.61	0.02	0
	Rhode – RP2	52	98.81	1.17	0.02	0
	Tarbert – TB1	54	97.71	1.35	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	96.56	1.25	1.73	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	96.07	0.36	3.57	0
	Ardnacrusha - AA1	21	72.31	0.76	26.93	0
	Ardnacrusha - AA2	22	73.24	0.61	26.15	0
	Ardnacrusha - AA3	19	71.84	2.3	25.86	0
	Ardnacrusha - AA4	24	63.73	1.71	34.56	0
	Erne - ER1	10	98.09	0.78	1.13	0
	Erne - ER2	10	91.74	7.14	1.12	0
	Erne - ER3	22	93.43	0.03	6.54	0
	Erne - ER4	22	98	0.52	1.48	0
	Lee - LE1	15	9.89	1.41	88.7	0
	Lee - LE2	4	0	0	100	0
	Lee - LE3	8	94.25	0.37	5.38	0
	Liffey - LI1	15	91.41	0.59	8	0
	Liffey - LI2	15	91.95	0.87	7.18	0
	Liffey - LI4	4	0.62	0	99.38	0
	Liffey - LI5	4	94.74	5.21	0.05	0
	Lough Ree Power - LR4	91	85.95	8.42	5.63	0
	Marina - MRC	123	98.24	0.35	0.72	0.69
	Moneypoint - MP1	285	84.63	15.37	0	0
	Moneypoint - MP2	285	88.05	11.87	0.08	0
	Moneypoint - MP3	285	89.79	7.18	3.03	0
	North Wall – NW5	104	96.29	0.58	3.13	0
	Poolbeg – PBA	231	97.09	0.61	2.29	0.01
Poolbeg - PBB	231	91.45	4.18	4.36	0.01	
Turlough Hill - TH1	73	93.91	0.94	5.15	0	
Turlough Hill - TH2	73	88.5	6.94	4.56	0	
Turlough Hill - TH3	73	96.01	0.58	3.41	0	
Turlough Hill - TH4	73	95.15	1.2	3.65	0	
West Offaly Power - WO4	137	86.46	7.19	6.35	0	
Indaver	Indaver – IW1	16	88.57	11.43	0	0
Synergen	Dublin Bay - DB1	405	80.72	1.62	16.79	0.87
Tynagh Energy Ltd	Tynagh – TYC	384	94.22	1.8	1.5	2.48
Viridian Power & Energy	Huntstown - HN2	400	88.4	0.62	7.96	3.02
	Huntstown - HNC	342	86.09	1.18	9.61	3.12

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

Unit-by-Unit Average Monthly Availability – April 2016 to April 2017					
Company	Unit	Monthly Availability %	Monthly Forced %	Monthly Scheduled %	Monthly Ambient %
Activation Energy	Activation Energy 1 – AE1	40.45	43.21	16.34	0
	Activation Energy 2 – AE2	68.68	31.17	0.15	0
	Activation Energy 3 – AE3	78.51	17.38	4.11	0
	Activation Energy 4 – AE4	39.43	57.05	3.52	0
	Activation Energy 5 – AE5	33.56	52.11	14.33	0
DAE VPP	DAE VPP – DP1	52.05	10.88	37.07	0
	DAE VPP – DP2	10.52	0	89.48	0
Electricity Exchange Ltd.	Electricity Exchange – EE1	57.16	25.18	17.66	0
	Electricity Exchange – EE2	46	12.56	41.44	0
Electric Ireland	Electric Ireland – EI1	82.01	4.41	13.58	0
Endeco	Endeco 1 – EC1	70.54	0.07	29.39	0
	Endeco 2 – EC2	55.06	23.25	21.69	0
Energy Trading Ireland	Energy Trading – ET1	85.64	14.36	0	0
Powerhouse	Powerhouse – PG1	82.17	17.83	0	0
Viridian Power & Energy	Viridian Energy – VE1	57.92	0.04	42.04	0

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

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