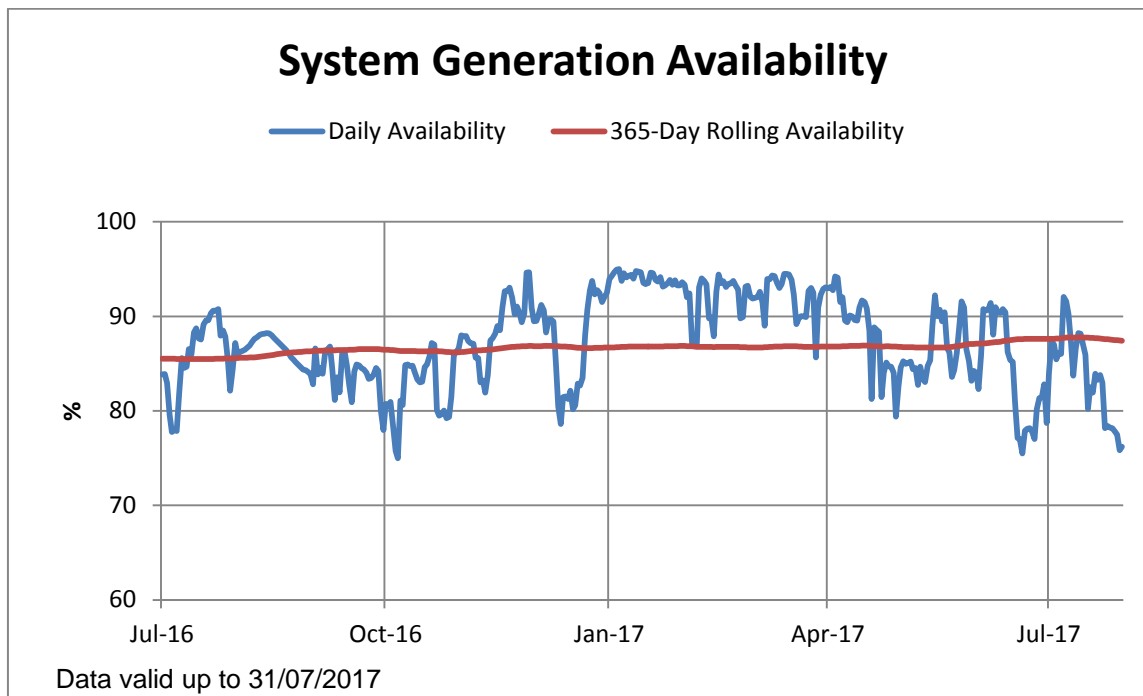


EirGrid Monthly Availability Report – July 2017

Availability report for July 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 – July 2017

Unit-by-Unit Average Monthly Availability – July 2017						
Company	Unit	Capacity	Monthly Availability %	Monthly Forced %	Monthly Scheduled %	Monthly Ambient %
Aughinish Alumina Ltd	Seal Rock - SK3	85	90.63	0	0	9.37
	Seal Rock - SK4	85	73.91	6.2	14.3	5.59
Bord Gáis	Whitegate - WG1	444	96.33	0	0	3.67
ESB Energy Ireland	Aghada - AD1	258	100	0	0	0
	Aghada - AD2	431	72.25	0	26.79	0.96
	Aghada - AT1	90	99.91	0.07	0	0.02
	Aghada - AT2	90	99.82	0.17	0	0.01
	Aghada - AT4	90	99.98	0	0	0.02
	Ardnacrusha - AA1	21	43.17	0	56.83	0
	Ardnacrusha - AA2	22	42.42	0.74	56.84	0
	Ardnacrusha - AA3	19	43.16	0	56.84	0
	Ardnacrusha - AA4	24	0	100	0	0
	Erne - ER1	10	100	0	0	0
	Erne - ER2	10	99.96	0	0.04	0
	Erne - ER3	22	99.93	0	0.07	0
	Erne - ER4	22	98.94	0	1.06	0
	Lee - LE1	15	90.98	9.02	0	0
	Lee - LE2	4	95.75	3.04	1.21	0
	Lee - LE3	8	59.58	40.42	0	0
	Liffey - LI1	15	100	0	0	0
	Liffey - LI2	15	100	0	0	0
	Liffey - LI4	4	100	0	0	0
	Liffey - LI5	4	100	0	0	0
	Lough Ree - LR4	91	94.38	5.62	0	0
	Marina - MRC	123	70.84	18.09	10.4	0.67
	Moneypoint - MP1	285	89.05	10.95	0	0
	Moneypoint - MP2	285	96.69	2.44	0.87	0
	Moneypoint - MP3	285	91.71	8.29	0	0
	North Wall - NW5	104	100	0	0	0
	Poolbeg - PBA	231	32.93	67.07	0	0
	Poolbeg - PBB	231	85.7	3.9	10.39	0.01
	Turlough Hill - TH1	73	51.86	0.42	47.72	0
	Turlough Hill - TH2	73	52.74	0	47.26	0
Turlough Hill - TH3	73	52.52	0.22	47.26	0	
Turlough Hill - TH4	73	52.74	0	47.26	0	
West Offaly - WO4	137	84.66	15.34	0	0	
Edenderry Power Ltd	Edenderry - ED1	118	99.35	0.65	0	0
	Edenderry - ED3	58	100	0	0	0
	Edenderry - ED5	58	100	0	0	0
SSE Generation Ireland	Great Island - GI4	461	96.76	0	0.01	3.23
	Rhode - RP1	52	97.76	2.24	0	0
	Rhode - RP2	52	100	0	0	0
	Tarbert - TB1	54	100	0	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	100	0	0	0
Tawnaghmore - TP3	52	100	0	0	0	
Indaver	Indaver - IW1	16	98.56	1.44	0	0
Synergen	Dublin Bay - DB1	405	99.59	0.02	0	0.39
Tynagh Energy Ltd	Tynagh - TYC	384	95.2	0	0	4.8
Viridian	Huntstown - HN2	400	74.01	20.67	0.01	5.31
	Huntstown - HNC	342	93.06	0.03	0	6.91

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

Unit-by-Unit Average Monthly Availability – July 2017					
Company	Unit	Monthly Availability %	Monthly Forced %	Monthly Scheduled %	Monthly Ambient %
Activation Energy	Activation Energy 1 – AE1	37.32	48.34	14.34	0
	Activation Energy 2 – AE2	43.12	56.69	0.19	0
	Activation Energy 3 – AE3	71.71	28.28	0.01	0
	Activation Energy 4 – AE4	0	100	0	0
	Activation Energy 5 – AE5	56.09	0.38	43.53	0
DAE VPP	DAE VPP – DP1	62.97	0	37.03	0
	DAE VPP – DP2	31.5	0	68.5	0
Electricity Exchange Ltd	Electricity Exchange – EE1	60.28	12.14	27.58	0
	Electricity Exchange – EE2	72.39	10.45	17.16	0
Electric Ireland	Electric Ireland – EI1	85.51	3.16	11.33	0
Endeco	Endeco 1 – EC1	69.11	0	30.89	0
	Endeco 2 – EC2	54.06	0	45.94	0
Energy Trading Ireland	Energy Trading – ET1	79.78	20.22	0	0
Powerhouse	Powerhouse – PG1	80.46	19.54	0	0
Viridian Power & Energy	Viridian Energy – VE1	61.83	0	38.17	0

Table 3: System Total Average Monthly Availability – July 2017

	Monthly Availability %	Monthly Forced %	Monthly Scheduled %	Monthly Ambient %
System Total Average Availability	83.73	9.18	5.55	1.54

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

Unit-by-Unit 365 Day Rolling Availability – July 2016 to July 2017						
Company	Unit	Capacity	Monthly Availability %	Monthly Forced %	Monthly Scheduled %	Monthly Ambient %
Aughinish Alumina Ltd	Seal Rock - SK3	85	90.72	0.98	2.36	5.94
	Seal Rock - SK4	85	91.4	1.66	2.21	4.73
Bord Gáis	Whitegate - WG1	444	96.04	0.19	2.42	1.35
ESB Energy Ireland	Aghada - AD1	258	94.95	5.04	0	0.01
	Aghada - AD2	431	95.35	1.11	3.13	0.41
	Aghada - AT1	90	98.96	0.91	0.13	0
SSE Generation Ireland	Aghada - AT2	90	98.56	0.32	1.12	0
	Aghada - AT4	90	96.15	0.28	3.57	0
	Ardnacrusha - AA1	21	71.46	2.24	26.3	0
	Ardnacrusha - AA2	22	73.05	2.18	24.77	0
	Ardnacrusha - AA3	19	71.46	3.87	24.67	0
	Ardnacrusha - AA4	24	54.01	19.28	26.71	0
	Erne - ER1	10	98.67	0.21	1.12	0
	Erne - ER2	10	95.91	2.96	1.13	0
ESB Energy Ireland	Erne - ER3	22	98.7	0.01	1.29	0
	Erne - ER4	22	98.07	0.52	1.41	0
	Lee - LE1	15	34	2.5	63.5	0
	Lee - LE2	4	15.85	0.29	83.86	0
	Lee - LE3	8	87.53	3.88	8.59	0
	Liffey - LI1	15	97.94	0.27	1.79	0
	Liffey - LI2	15	97.39	0.82	1.79	0
	Liffey - LI4	4	24.88	0	75.12	0
	Liffey - LI5	4	94.7	5.25	0.05	0
	Lough Ree - LR4	91	89.99	8.08	1.93	0
	Marina - MRC	123	95.86	2.06	1.6	0.48
	Moneypoint - MP1	285	83.76	13.65	2.59	0
	Moneypoint - MP2	285	89.12	7.17	3.71	0
	Moneypoint - MP3	285	92.24	7.63	0.13	0
	North Wall - NW5	104	97.89	0.58	1.53	0
	Poolbeg - PBA	231	91.92	6.08	1.99	0.01
	Poolbeg - PBB	231	94.63	4.48	0.88	0.01
	Turlough Hill - TH1	73	93.96	0.98	5.06	0
	Turlough Hill - TH2	73	89.58	6	4.42	0
	Turlough Hill - TH3	73	95.13	0.6	4.27	0
Turlough Hill - TH4	73	94.39	1.1	4.51	0	
West Offaly - WO4	137	87.77	8.38	3.85	0	
Edenderry Power Ltd	Edenderry - ED1	118	85.82	3.49	10.69	0
	Edenderry - ED3	58	99.22	0.55	0.23	0
	Edenderry - ED5	58	99.21	0.55	0.24	0
	Great Island - GI4	461	85.4	5.64	7.68	1.28
SSE Generation Ireland	Rhode - RP1	52	99.19	0.79	0.02	0
	Rhode - RP2	52	98.81	1.17	0.02	0
	Tarbert - TB1	54	97.52	1.35	1.13	0
	Tarbert - TB2	54	97.42	1.06	1.52	0
	Tarbert - TB3	241	98.62	0.06	1.32	0
	Tarbert - TB4	243	99.87	0.08	0.05	0
	Tawnaghmore - TP1	52	66.8	1.74	31.46	0
	Tawnaghmore - TP3	52	66.92	0.01	33.07	0
Indaver	Indaver - IW1	16	91.12	4.14	4.74	0
Synergen	Dublin Bay - DB1	405	81.17	1.65	16.79	0.39
Tynagh Energy Ltd	Tynagh - TYC	384	95.44	0.77	1.12	2.67
Viridian	Huntstown - HN2	400	82.5	7.17	7.64	2.69
	Huntstown - HNC	342	94.39	0.92	0.88	3.81

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

Unit-by-Unit 365 Day Rolling Availability – July 2017						
Company	Unit	Capacity	Monthly Availability %	Monthly Forced %	Monthly Scheduled %	Monthly Ambient %
Activation Energy	Activation Energy 1 – AE1	103	37.87	46.54	15.59	0
	Activation Energy 2 – AE2	11	65.97	33.86	0.17	0
	Activation Energy 3 – AE3	14	73.96	23.16	2.88	0
	Activation Energy 4 – AE4	11	18.65	79.72	1.63	0
	Activation Energy 5 – AE5	15	41.08	38.16	20.76	0
DAE VPP	DAE VPP – DP1	29	57.19	0.06	42.75	0
	DAE VPP – DP2	10	18.45	0	81.55	0
Electricity Exchange Ltd	Electricity Exchange – EE1	20	53.66	22	24.34	0
	Electricity Exchange – EE2	18	66.66	11.05	22.29	0
Electric Ireland	Electric Ireland – EI1	20	83.13	4.02	12.85	0
Endeco	Endeco 1 – EC1	37	69.76	0.05	30.19	0
	Endeco 2 – EC2	4	54.87	17.13	28	0
Energy Trading Ireland	Energy Trading – ET1	11	82.34	17.66	0	0
Powerhouse	Powerhouse – PG1	10	80.96	19.04	0	0
Viridian Power & Energy	Viridian Energy – VE1	25	60.86	0.04	39.1	0

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

	Monthly Availability %	Monthly Forced %	Monthly Scheduled %	Monthly Ambient %
System Total Average Availability	87.20	6.72	5.28	0.80