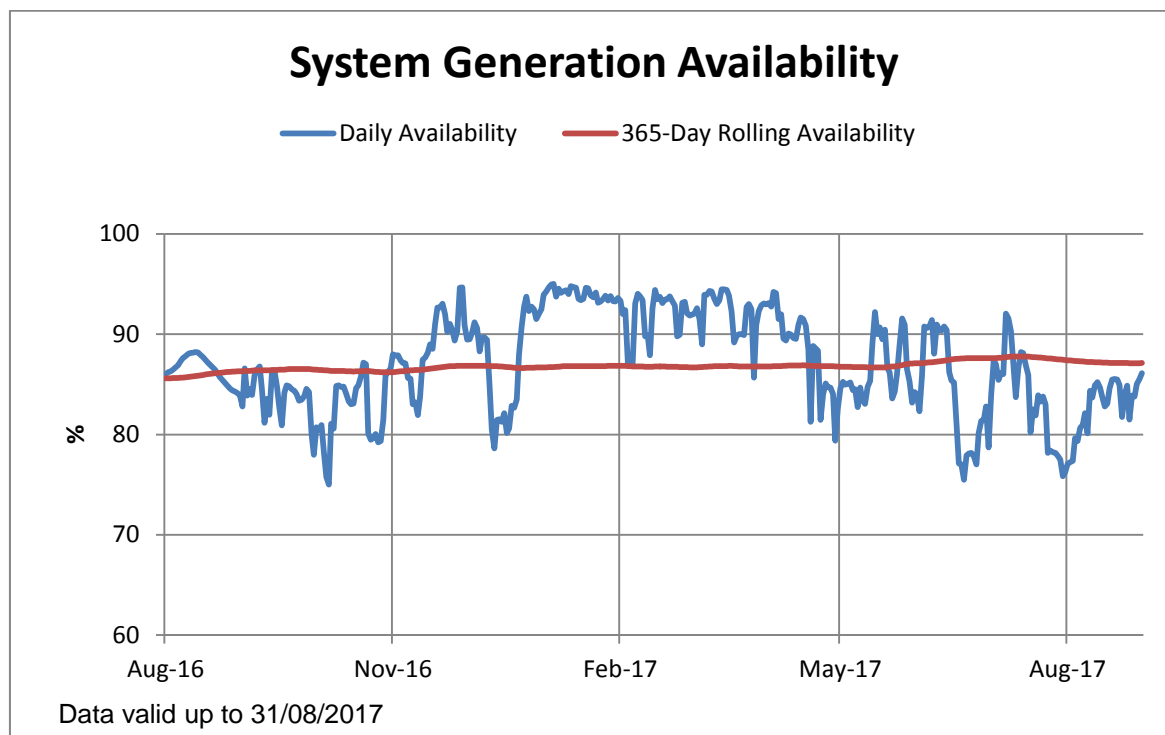


EirGrid Monthly Availability Report – August 2017

Availability report for August 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

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¹ Based on EDIL (Electronic Dispatch Instruction Logger) declarations. Units added in August are not included in these statistics

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

Unit-by-Unit Average Monthly Availability – August 2017						
Company	Unit	Capacity	Monthly Availability %	Monthly Forced %	Monthly Scheduled %	Monthly Ambient %
Aughinish Alumina Ltd	Seal Rock - SK3	85	90.92	0	0	9.08
	Seal Rock - SK4	85	93.55	0.03	0	6.42
Bord Gáis	Whitegate - WG1	444	96.42	0	0	3.58
ESB Energy Ireland	Aghada - AD1	258	100	0	0	0
	Aghada - AD2	431	72.81	0.35	26.2	0.64
	Aghada - AT1	90	100	0	0	0
	Aghada - AT2	90	100	0	0	0
	Aghada - AT4	90	100	0	0	0
	Ardnacrusa - AA1	21	61.51	0	38.49	0
	Ardnacrusa - AA2	22	60.6	0	39.4	0
	Ardnacrusa - AA3	19	50.1	0	49.9	0
	Ardnacrusa - AA4	24	0	100	0	0
	Erne - ER1	10	99.73	0.27	0	0
	Erne - ER2	10	100	0	0	0
	Erne - ER3	22	99.41	0.59	0	0
	Erne - ER4	22	97.69	2.31	0	0
	Lee - LE1	15	100	0	0	0
	Lee - LE2	4	100	0	0	0
	Lee - LE3	8	99.8	0.2	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	99.53	0.47	0	0
	Lough Ree - LR4	91	90.33	9.67	0	0
	Marina - MRC	123	91.65	7.83	0.03	0.49
	Moneypoint - MP1	285	99.93	0.07	0	0
	Moneypoint - MP2	285	99.25	0.27	0.48	0
	Moneypoint - MP3	285	96.04	3.96	0	0
	North Wall - NW5	104	100	0	0	0
	Poolbeg - PBA	231	0	100	0	0
	Poolbeg - PBB	231	89.14	10.86	0	0
	Turlough Hill - TH1	73	0	68.68	31.32	0
	Turlough Hill - TH2	73	0	68.68	31.32	0
Turlough Hill - TH3	73	0	68.68	31.32	0	
Turlough Hill - TH4	73	0	68.68	31.32	0	
West Offaly - WO4	137	80.94	19.06	0	0	
Edenderry Power Ltd	Edenderry - ED1	118	98.41	1.59	0	0
	Edenderry - ED3	58	97.61	0	2.39	0
	Edenderry - ED5	58	100	0	0	0
SSE Generation Ireland	Great Island - GI4	461	97.77	0	0	2.23
	Rhode - RP1	52	85.76	0	14.24	0
	Rhode - RP2	52	86.69	0	13.31	0
	Tarbert - TB1	54	99.22	0.78	0	0
	Tarbert - TB2	54	94.74	5.26	0	0
	Tarbert - TB3	241	99.13	0.87	0	0
	Tarbert - TB4	243	94.86	1.6	3.54	0
	Tawnaghmore - TP1	52	99.9	0.1	0	0
Tawnaghmore - TP3	52	100	0	0	0	
Indaver	Indaver - IW1	16	98.11	1.89	0	0
Synergen	Dublin Bay - DB1	405	99.47	0.3	0.01	0.22
Tynagh Energy Ltd	Tynagh - TYC	384	95.85	0	0	4.15
Viridian	Huntstown - HN2	400	93.02	0.24	0.83	5.91
	Huntstown - HNC	342	93.63	0.08	0.01	6.28

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

Unit-by-Unit Average Monthly Availability – August 2017					
Company	Unit	Monthly Availability %	Monthly Forced %	Monthly Scheduled %	Monthly Ambient %
Activation Energy	Activation Energy 1 – AE1	37.55	51.53	10.92	0
	Activation Energy 2 – AE2	34.75	65.25	0	0
	Activation Energy 3 – AE3	71.49	28.37	0.14	0
	Activation Energy 4 – AE4	0	100	0	0
	Activation Energy 5 – AE5	56.04	0.62	43.34	0
DAE VPP	DAE VPP – DP1	80.06	0	19.94	0
	DAE VPP – DP2	56.94	0	43.06	0
Electricity Exchange Ltd	Electricity Exchange – EE1	64.07	13.03	22.9	0
	Electricity Exchange – EE2	64.31	16.02	19.67	0
Electric Ireland	Electric Ireland – EI1	85.97	3.99	10.04	0
Endeco	Endeco 1 – EC1	71.56	0	28.44	0
	Endeco 2 – EC2	64.05	0	35.95	0
Energy Trading Ireland	Energy Trading – ET1	81.18	18.82	0	0
Powerhouse	Powerhouse – PG1	82.32	17.68	0	0
Viridian Power & Energy	Viridian Energy – VE1	0	0	0	0

Table 3: System Total Average Monthly Availability – August 2017

	Monthly Availability %	Monthly Forced %	Monthly Scheduled %	Monthly Ambient %
System Total Average Availability	82.89	10.68	5.01	1.42

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

Unit-by-Unit 365 Day Rolling Availability – August 2016 to August 2017						
Company	Unit	Capacity	Monthly Availability %	Monthly Forced %	Monthly Scheduled %	Monthly Ambient %
Aughinish Alumina Ltd	Seal Rock - SK3	85	90.65	0.98	2.36	6.01
	Seal Rock - SK4	85	91.77	1.51	2.09	4.63
Bord Gáis	Whitegate - WG1	444	95.91	0.19	2.42	1.48
ESB Energy Ireland	Aghada - AD1	258	94.95	5.04	0	0.01
	Aghada - AD2	431	93.16	1.12	5.36	0.36
	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	72.47	2.24	25.29	0
	Ardnacrusha - AA2	22	73.4	2.18	24.42	0
	Ardnacrusha - AA3	19	70.93	3.86	25.21	0
	Ardnacrusha - AA4	24	49.82	27.76	22.42	0
	Erne - ER1	10	99.37	0.21	0.42	0
	Erne - ER2	10	96.76	2.82	0.42	0
ESB Energy Ireland	Erne - ER3	22	98.65	0.06	1.29	0
	Erne - ER4	22	97.87	0.72	1.41	0
	Lee - LE1	15	42.49	2.5	55.01	0
	Lee - LE2	4	24.34	0.29	75.37	0
	Lee - LE3	8	90.71	3.88	5.41	0
	Liffey - LI1	15	99.22	0.27	0.51	0
	Liffey - LI2	15	98.76	0.73	0.51	0
	Liffey - LI4	4	33.37	0	66.63	0
	Liffey - LI5	4	94.66	5.29	0.05	0
	Lough Ree - LR4	91	90.08	7.99	1.93	0
	Marina - MRC	123	95.86	2.73	0.97	0.44
	Moneypoint - MP1	285	89.89	7.52	2.59	0
	Moneypoint - MP2	285	89.21	7.09	3.7	0
	Moneypoint - MP3	285	91.94	7.93	0.13	0
	North Wall - NW5	104	97.89	0.58	1.53	0
	Poolbeg - PBA	231	83.43	14.57	1.99	0.01
	Poolbeg - PBB	231	96.3	2.81	0.88	0.01
	Turlough Hill - TH1	73	85.47	6.81	7.72	0
	Turlough Hill - TH2	73	81.09	11.83	7.08	0
	Turlough Hill - TH3	73	86.64	6.43	6.93	0
Turlough Hill - TH4	73	85.9	6.93	7.17	0	
West Offaly - WO4	137	86.21	9.94	3.85	0	
Edenderry Power Ltd	Edenderry - ED1	118	85.71	3.6	10.69	0
	Edenderry - ED3	58	99.12	0.55	0.33	0
	Edenderry - ED5	58	99.32	0.55	0.13	0
	Great Island - GI4	461	86.4	4.68	7.68	1.24
SSE Generation Ireland	Rhode - RP1	52	97.98	0.79	1.23	0
	Rhode - RP2	52	97.69	1.16	1.15	0
	Tarbert - TB1	54	97.47	1.4	1.13	0
	Tarbert - TB2	54	96.98	1.5	1.52	0
	Tarbert - TB3	241	98.54	0.14	1.32	0
	Tarbert - TB4	243	99.42	0.22	0.36	0
	Tawnaghmore - TP1	52	74.89	1.75	23.36	0
	Tawnaghmore - TP3	52	75.02	0.01	24.97	0
Indaver	Indaver - IW1	16	90.98	4.28	4.74	0
Synergen	Dublin Bay - DB1	405	81.38	1.66	16.79	0.17
Tynagh Energy Ltd	Tynagh - TYC	384	95.46	0.77	1.12	2.65
Viridian	Huntstown - HN2	400	86.81	7.19	3.03	2.97
	Huntstown - HNC	342	94.41	0.92	0.88	3.79

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

Unit-by-Unit 365 Day Rolling Availability – August 2017						
Company	Unit	Capacity	Monthly Availability %	Monthly Forced %	Monthly Scheduled %	Monthly Ambient %
Activation Energy	Activation Energy 1 – AE1	103	37.35	47.47	15.18	0
	Activation Energy 2 – AE2	11	62.76	37.07	0.17	0
	Activation Energy 3 – AE3	14	72.75	25.57	1.68	0
	Activation Energy 4 – AE4	11	10.86	88.22	0.92	0
	Activation Energy 5 – AE5	15	43.65	32.95	23.4	0
DAE VPP	DAE VPP – DP1	29	60.45	0.04	39.51	0
	DAE VPP – DP2	10	24.76	0	75.24	0
Electricity Exchange Ltd	Electricity Exchange – EE1	20	54.21	20.48	25.31	0
	Electricity Exchange – EE2	18	73.08	12.44	14.48	0
Electric Ireland	Electric Ireland – EI1	20	83.94	3.34	12.72	0
Endeco	Endeco 1 – EC1	37	69.33	0.05	30.62	0
	Endeco 2 – EC2	4	55.62	15.73	28.65	0
Energy Trading Ireland	Energy Trading – ET1	11	81.18	18.82	0	0
Powerhouse	Powerhouse – PG1	10	80.75	19.25	0	0
Viridian Power & Energy	Viridian Energy – VE1	25	61.47	0.04	38.49	0

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

	Monthly Availability %	Monthly Forced %	Monthly Scheduled %	Monthly Ambient %
System Total Average Availability	87.12	6.97	5.11	0.80