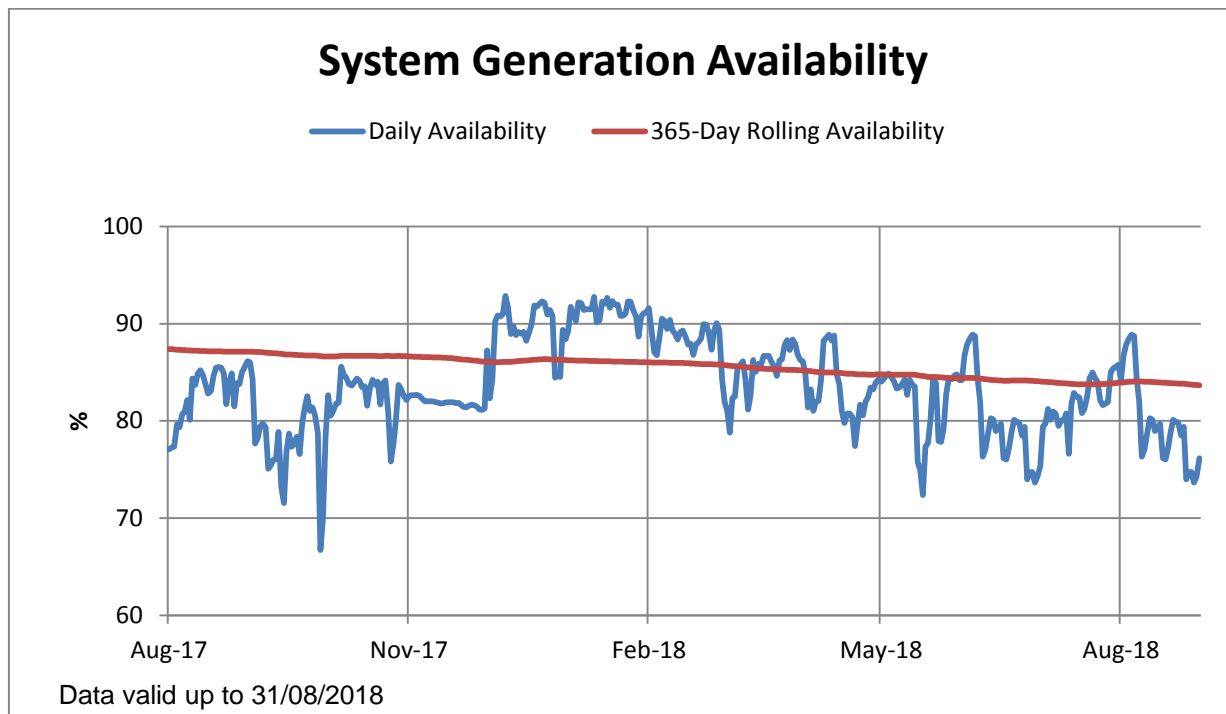


EirGrid Monthly Availability Report – August 2018

Availability report for August 2018¹.



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 September are not included in these statistics

Table 1: Unit-by-Unit Average Monthly Availability Conventional Units – August 2018

Unit-by-Unit Average Monthly Availability – August 2018						
Company	Unit	Capacity	Monthly Availability %	Monthly Forced %	Monthly Scheduled %	Monthly Ambient %
Aughinish Alumina Ltd	Seal Rock - SK3	85	91.32	0.00	0.00	8.68
	Seal Rock - SK4	85	91.87	0.00	0.00	8.13
Bord Gáis	Whitegate - WG1	444	97.45	0.22	0.00	2.33
Dublin Waste to Energy	DWTE - DW1	61.5	25.56	34.54	39.90	0.00
ESB Energy Ireland	Aghada - AD1	258	100.00	0.00	0.00	0.00
	Aghada - AD2	431	97.29	0.00	0.00	2.71
	Aghada - AT1	90	98.46	0.00	1.53	0.01
	Aghada - AT2	90	98.55	0.00	1.44	0.01
	Aghada - AT4	90	99.99	0.00	0.00	0.01
	Ardnacrusha - AA1	21	0.00	0.00	100.00	0.00
	Ardnacrusha - AA2	22	6.69	0.00	93.31	0.00
	Ardnacrusha - AA3	19	7.71	0.00	92.29	0.00
	Ardnacrusha - AA4	24	7.71	0.00	92.29	0.00
	Erne - ER1	10	88.64	11.36	0.00	0.00
	Erne - ER2	10	96.11	3.89	0.00	0.00
	Erne - ER3	22	85.32	14.68	0.00	0.00
	Erne - ER4	22	99.89	0.11	0.00	0.00
	Lee - LE1	15	100.00	0.00	0.00	0.00
	Lee - LE2	4	100.00	0.00	0.00	0.00
	Lee - LE3	8	100.00	0.00	0.00	0.00
	Liffey - LI1	15	100.00	0.00	0.00	0.00
	Liffey - LI2	15	100.00	0.00	0.00	0.00
	Liffey - LI4	4	100.00	0.00	0.00	0.00
	Liffey - LI5	4	42.53	0.00	57.47	0.00
	Lough Ree - LR4	91	93.19	6.81	0.00	0.00
	Marina - MRC	123	98.95	1.05	0.00	0.00
	Moneypoint - MP1	285	10.34	0.00	89.66	0.00
	Moneypoint - MP2	285	97.00	3.00	0.00	0.00
	Moneypoint - MP3	285	0.00	0.00	100.00	0.00
	North Wall - NW5	104	64.80	35.20	0.00	0.00
	Poolbeg - PBA	231	100.00	0.00	0.00	0.00
	Poolbeg - PBB	231	100.00	0.00	0.00	0.00
	Turlough Hill - TH1	73	93.66	5.16	1.18	0.00
	Turlough Hill - TH2	73	86.71	5.20	8.09	0.00
	Turlough Hill - TH3	73	94.50	5.20	0.30	0.00
	Turlough Hill - TH4	73	94.80	5.20	0.00	0.00
	West Offaly - WO4	137	0.00	0.00	100.00	0.00
Edenderry Power Ltd	Edenderry - ED1	118	99.99	0.01	0.00	0.00
	Edenderry - ED3	58	100.00	0.00	0.00	0.00
	Edenderry - ED5	58	100.00	0.00	0.00	0.00
SSE Generation Ireland	Great Island - GI4	461	97.30	0.14	0.00	2.56
	Rhode - RP1	52	99.61	0.39	0.00	0.00
	Rhode - RP2	52	100.00	0.00	0.00	0.00
	Tarbert - TB1	54	100.00	0.00	0.00	0.00
	Tarbert - TB2	54	100.00	0.00	0.00	0.00
	Tarbert - TB3	241	100.00	0.00	0.00	0.00
	Tarbert - TB4	243	100.00	0.00	0.00	0.00
	Tawnaghmore - TP1	52	100.00	0.00	0.00	0.00
Tawnaghmore - TP3	52	82.41	17.59	0.00	0.00	
Indaver	Indaver - IW1	16	97.75	2.25	0.00	0.00
Synergen	Dublin Bay - DB1	405	99.87	0.01	0.00	0.12
Tynagh Energy Ltd	Tynagh - TYC	384	95.28	0.00	0.00	4.72
Viridian	Huntstown - HN2	400	93.42	0.00	0.08	6.50
	Huntstown - HNC	342	93.14	0.00	0.09	6.77

Table 2: Unit-by-Unit Average Monthly Availability Demand Side Units – August 2018

Unit-by-Unit Average Monthly Availability – August 2018					
Company	Unit	Monthly Availability %	Monthly Forced %	Monthly Scheduled %	Monthly Ambient %
Activation Energy	Activation Energy 1 – AE1	32.41	57.73	9.86	0.00
	Activation Energy 2 – AE2	46.42	47.97	5.61	0.00
	Activation Energy 3 – AE3	47.94	51.89	0.17	0.00
	Activation Energy 4 – AE4	0.00	100.00	0.00	0.00
	Activation Energy 5 – AE5	50.20	11.61	38.19	0.00
DAE VPP	DAE VPP – DP1	88.94	0.00	11.06	0.00
	DAE VPP – DP2	24.20	0.00	75.80	0.00
Electricity Exchange Ltd	Electricity Exchange – EE1	60.62	0.00	39.38	0.00
	Electricity Exchange – EE2	42.37	0.00	57.63	0.00
	Electricity Exchange – EE3	35.79	0.00	64.21	0.00
	Electricity Exchange – EE4	57.67	0.00	42.33	0.00
	Electricity Exchange – EE5	52.39	0.00	47.61	0.00
Electric Ireland	Electric Ireland – EI1	70.77	0.02	29.21	0.00
Endeco	Endeco 1 – EC1	50.29	0.00	49.71	0.00
	Endeco 2 – EC2	27.12	0.53	72.35	0.00
	Endeco 5 – EC5	48.99	2.54	48.47	0.00
Energy Trading Ireland	Energy Trading – ET1	84.37	15.63	0.00	0.00
Powerhouse	Powerhouse – PG1	69.45	30.55	0.00	0.00
Viridian	Viridian Energy – VE1	54.53	0.00	45.47	0.00
	Viridian Energy – VE2	47.12	0.00	52.88	0.00

Table 3: System Total Average Monthly Availability – August 2018

	Monthly Availability %	Monthly Forced %	Monthly Scheduled %	Monthly Ambient %
System Total Average Availability	82.74	4.33	11.92	1.01

Table 4: Unit-by-Unit 365 Day Rolling Availability Conventional Units – August 2017 to August 2018

Unit-by-Unit 365 Day Rolling Availability – August 2018						
Company	Unit	Capacity	Monthly Availability %	Monthly Forced %	Monthly Scheduled %	Monthly Ambient %
Aughinish Alumina Ltd	Seal Rock - SK3	85	83.19	1.84	9.89	5.08
	Seal Rock - SK4	85	92.23	1.24	1.34	5.19
Bord Gáis	Whitegate - WG1	444	66.49	11.37	20.80	1.34
Dublin Waste to Energy	DWTE - DW1	61.5	81.48	12.05	6.47	0.00
ESB Energy Ireland	Aghada - AD1	258	97.72	1.25	1.03	0.00
	Aghada - AD2	431	95.75	0.73	2.45	1.07
	Aghada - AT1	90	97.91	0.42	1.66	0.01
	Aghada - AT2	90	97.85	0.46	1.68	0.01
	Aghada - AT4	90	99.57	0.29	0.13	0.01
	Ardnacrusha - AA1	21	61.72	1.46	36.82	0.00
	Ardnacrusha - AA2	22	74.11	1.12	24.77	0.00
	Ardnacrusha - AA3	19	66.25	3.35	30.40	0.00
	Ardnacrusha - AA4	24	44.13	29.87	26.00	0.00
	Erne - ER1	10	92.34	5.19	2.47	0.00
	Erne - ER2	10	90.08	4.77	5.15	0.00
	Erne - ER3	22	96.23	2.59	1.18	0.00
	Erne - ER4	22	98.60	0.27	1.13	0.00
	Lee - LE1	15	98.58	0.08	1.34	0.00
	Lee - LE2	4	73.54	26.09	0.37	0.00
	Lee - LE3	8	93.77	0.02	6.21	0.00
	Liffey - LI1	15	98.58	0.06	1.36	0.00
	Liffey - LI2	15	98.64	0.00	1.36	0.00
	Liffey - LI4	4	90.07	9.93	0.00	0.00
	Liffey - LI5	4	95.42	0.01	4.57	0.00
	Lough Ree - LR4	91	71.05	10.26	18.69	0.00
	Marina - MRC	123	98.40	0.69	0.34	0.57
	Moneypoint - MP1	285	89.65	2.06	8.29	0.00
	Moneypoint - MP2	285	94.12	4.41	1.47	0.00
	Moneypoint - MP3	285	55.22	3.50	41.28	0.00
	North Wall - NW5	104	89.74	10.01	0.19	0.06
	Poolbeg - PBA	231	57.57	33.97	8.46	0.00
	Poolbeg - PBB	231	79.99	14.90	5.11	0.00
	Turlough Hill - TH1	73	79.54	17.67	2.79	0.00
	Turlough Hill - TH2	73	79.76	13.21	7.03	0.00
	Turlough Hill - TH3	73	78.65	18.32	3.03	0.00
	Turlough Hill - TH4	73	75.77	21.96	2.27	0.00
	West Offaly - WO4	137	70.13	10.02	19.85	0.00
Edenderry Power Ltd	Edenderry - ED1	118	87.17	2.91	9.92	0.00
	Edenderry - ED3	58	99.88	0.00	0.12	0.00
	Edenderry - ED5	58	99.49	0.39	0.12	0.00
SSE Generation Ireland	Great Island - GI4	461	96.63	1.33	0.94	1.10
	Rhode - RP1	52	97.34	2.66	0.00	0.00
	Rhode - RP2	52	97.94	2.06	0.00	0.00
	Tarbert - TB1	54	99.70	0.30	0.00	0.00
	Tarbert - TB2	54	99.16	0.84	0.00	0.00
	Tarbert - TB3	241	99.95	0.01	0.04	0.00
	Tarbert - TB4	243	94.60	1.68	3.72	0.00
	Tawnaghmore - TP1	52	97.79	0.99	1.22	0.00
Tawnaghmore - TP3	52	97.73	2.06	0.21	0.00	
Indaver	Indaver - IW1	16	87.35	8.14	4.51	0.00
Synergen	Dublin Bay - DB1	405	88.25	8.50	3.18	0.07
Tynagh Energy Ltd	Tynagh - TYC	384	95.73	0.71	0.00	3.56
Viridian	Huntstown - HN2	400	95.88	0.23	0.04	3.85
	Huntstown - HNC	342	90.83	0.33	5.06	3.78

Table 5: Unit-by-Unit 365 Day Rolling Availability Demand Side Units – August 2017 to August 2018

Unit-by-Unit 365 Day Rolling Availability – August 2018					
Company	Unit	Monthly Availability %	Monthly Forced %	Monthly Scheduled %	Monthly Ambient %
Activation Energy	Activation Energy 1 – AE1	32.66	55.16	12.18	0.00
	Activation Energy 2 – AE2	36.13	62.60	1.27	0.00
	Activation Energy 3 – AE3	62.21	32.35	5.44	0.00
	Activation Energy 4 – AE4	0.00	100.00	0.00	0.00
	Activation Energy 5 – AE5	55.41	8.44	36.15	0.00
DAE VPP	DAE VPP – DP1	79.56	0.00	20.44	0.00
	DAE VPP – DP2	36.90	0.00	63.10	0.00
Electricity Exchange Ltd	Electricity Exchange – EE1	55.58	8.52	35.90	0.00
	Electricity Exchange – EE2	65.11	7.90	26.99	0.00
	Electricity Exchange – EE3	40.12	17.81	42.07	0.00
	Electricity Exchange – EE4	58.59	10.07	31.34	0.00
	Electricity Exchange – EE5	51.01	14.23	34.76	0.00
Electric Ireland	Electric Ireland – EI1	77.33	0.73	21.94	0.00
Endeco	Endeco 1 – EC1	59.37	0.02	40.61	0.00
	Endeco 2 – EC2	42.17	0.24	57.59	0.00
	Endeco 5 – EC5	39.33	29.74	30.93	0.00
Energy Trading Ireland	Energy Trading – ET1	74.00	26.00	0.00	0.00
Powerhouse	Powerhouse – PG1	76.23	23.77	0.00	0.00
Viridian	Viridian Energy – VE1	57.62	0.00	42.38	0.00
	Viridian Energy – VE2	46.55	4.15	49.30	0.00

Table 6: 365 Day Rolling System Total Average Availability – August 2017 to August 2018

	Yearly Availability %	Yearly Forced %	Yearly Scheduled %	Yearly Ambient %
System Total Average Availability	83.61	8.68	6.52	0.88