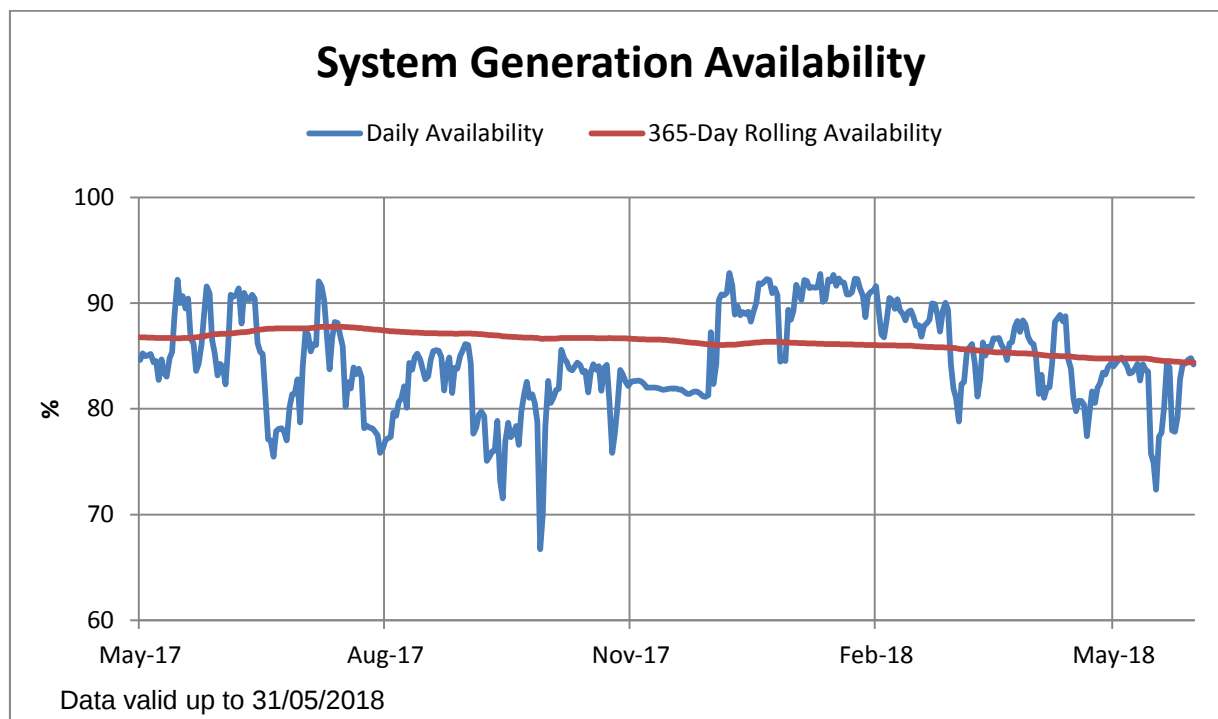


EirGrid Monthly Availability Report – May 2018

Availability report for May 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

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

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

Unit-by-Unit Average Monthly Availability – May 2018						
Company	Unit	Capacity	Monthly Availability %	Monthly Forced %	Monthly Scheduled %	Monthly Ambient %
Aughinish Alumina Ltd	Seal Rock - SK3	85	84.79	0.12	9.18	5.91
	Seal Rock - SK4	85	86.28	0.62	8.04	5.06
Bord Gáis	Whitegate - WG1	444	25.43	66.57	7.42	0.58
Dublin Waste to Energy	DWTE - DW1	61.5	98.88	1.12	0.00	0.00
ESB Energy Ireland	Aghada - AD1	258	98.74	1.26	0.00	0.00
	Aghada - AD2	431	82.01	0.11	17.03	0.85
	Aghada - AT1	90	100.00	0.00	0.00	0.00
	Aghada - AT2	90	100.00	0.00	0.00	0.00
	Aghada - AT4	90	100.00	0.00	0.00	0.00
	Ardnacrusha - AA1	21	72.27	0.01	27.72	0.00
	Ardnacrusha - AA2	22	72.28	0.00	27.72	0.00
	Ardnacrusha - AA3	19	70.89	0.00	29.11	0.00
	Ardnacrusha - AA4	24	70.92	1.16	27.92	0.00
	Erne - ER1	10	60.87	39.13	0.00	0.00
	Erne - ER2	10	98.74	1.26	0.00	0.00
	Erne - ER3	22	86.25	0.00	13.75	0.00
	Erne - ER4	22	100.00	0.00	0.00	0.00
	Lee - LE1	15	85.92	0.00	14.08	0.00
	Lee - LE2	4	86.42	13.58	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	99.95	0.05	0.00	0.00
	Liffey - LI4	4	100.00	0.00	0.00	0.00
	Liffey - LI5	4	100.00	0.00	0.00	0.00
	Lough Ree - LR4	91	91.70	8.30	0.00	0.00
	Marina - MRC	123	98.95	0.00	0.00	1.05
	Moneypoint - MP1	285	97.08	2.92	0.00	0.00
	Moneypoint - MP2	285	83.78	16.22	0.00	0.00
	Moneypoint - MP3	285	0.00	0.00	100.00	0.00
	North Wall - NW5	104	100.00	0.00	0.00	0.00
	Poolbeg - PBA	231	100.00	0.00	0.00	0.00
	Poolbeg - PBB	231	99.69	0.31	0.00	0.00
	Turlough Hill - TH1	73	98.98	0.28	0.74	0.00
	Turlough Hill - TH2	73	99.93	0.00	0.07	0.00
	Turlough Hill - TH3	73	99.37	0.00	0.63	0.00
	Turlough Hill - TH4	73	99.94	0.00	0.06	0.00
	West Offaly - WO4	137	91.09	8.91	0.00	0.00
Edenderry Power Ltd	Edenderry - ED1	118	99.55	0.45	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	99.04	0.00	0.00	0.96
	Rhode - RP1	52	100.00	0.00	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	100.00	0.00	0.00	0.00	
Indaver	Indaver - IW1	16	88.92	5.89	5.19	0.00
Synergen	Dublin Bay - DB1	405	99.69	0.03	0.28	0.00
Tynagh Energy Ltd	Tynagh - TYC	384	96.50	0.00	0.00	3.50
Viridian	Huntstown - HN2	400	95.35	0.00	0.02	4.63
	Huntstown - HNC	342	68.01	0.00	29.03	2.96

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

Unit-by-Unit Average Monthly Availability – May 2018					
Company	Unit	Monthly Availability %	Monthly Forced %	Monthly Scheduled %	Monthly Ambient %
Activation Energy	Activation Energy 1 – AE1	33.79	54.89	11.32	0.00
	Activation Energy 2 – AE2	55.44	44.56	0.00	0.00
	Activation Energy 3 – AE3	64.59	31.00	4.41	0.00
	Activation Energy 4 – AE4	0.00	100.00	0.00	0.00
	Activation Energy 5 – AE5	56.25	0.00	43.75	0.00
DAE VPP	DAE VPP – DP1	79.28	0.00	20.72	0.00
	DAE VPP – DP2	23.47	0.00	76.53	0.00
Electricity Exchange Ltd	Electricity Exchange – EE1	62.82	0.00	37.18	0.00
	Electricity Exchange – EE2	53.44	0.00	46.56	0.00
	Electricity Exchange – EE3	38.58	0.00	61.42	0.00
	Electricity Exchange – EE4	62.06	0.00	37.94	0.00
	Electricity Exchange – EE5	46.41	0.00	53.59	0.00
Electric Ireland	Electric Ireland – EI1	59.30	0.00	40.70	0.00
Endeco	Endeco 1 – EC1	48.96	0.00	51.04	0.00
	Endeco 2 – EC2	29.11	0.00	70.89	0.00
	Endeco 5 – EC5	56.30	0.00	43.70	0.00
Energy Trading Ireland	Energy Trading – ET1	56.30	0.00	43.70	0.00
Powerhouse	Powerhouse – PG1	56.30	43.70	0.00	0.00
Viridian	Viridian Energy – VE1	72.08	27.92	0.00	0.00
	Viridian Energy – VE2	62.33	0.00	37.67	0.00

Table 3: System Total Average Monthly Availability – May 2018

	Monthly Availability %	Monthly Forced %	Monthly Scheduled %	Monthly Ambient %
System Total Average Availability	81.99	8.29	8.87	0.85

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

Unit-by-Unit 365 Day Rolling Availability – May 2018						
Company	Unit	Capacity	Monthly Availability %	Monthly Forced %	Monthly Scheduled %	Monthly Ambient %
Aughinish Alumina Ltd	Seal Rock - SK3	85	84.13	0.58	9.89	5.40
	Seal Rock - SK4	85	91.03	1.71	2.55	4.71
Bord Gáis	Whitegate - WG1	444	65.55	11.30	21.58	1.57
Dublin Waste to Energy	DWTE - DW1	61.5	65.82	23.72	10.46	0.00
ESB Energy Ireland	Aghada - AD1	258	98.85	0.11	1.03	0.01
	Aghada - AD2	431	92.43	0.57	6.40	0.60
	Aghada - AT1	90	98.03	0.43	1.54	0.00
	Aghada - AT2	90	97.96	0.47	1.57	0.00
	Aghada - AT4	90	99.64	0.29	0.07	0.00
	Ardnacrusha - AA1	21	71.58	1.72	26.70	0.00
	Ardnacrusha - AA2	22	83.24	1.24	15.52	0.00
	Ardnacrusha - AA3	19	75.10	3.07	21.83	0.00
	Ardnacrusha - AA4	24	40.39	52.51	7.10	0.00
	Erne - ER1	10	95.19	3.55	1.26	0.00
	Erne - ER2	10	94.05	4.46	1.49	0.00
	Erne - ER3	22	96.21	1.47	2.32	0.00
	Erne - ER4	22	98.31	0.46	1.23	0.00
	Lee - LE1	15	97.49	1.17	1.34	0.00
	Lee - LE2	4	72.63	26.38	0.99	0.00
	Lee - LE3	8	91.33	3.55	5.12	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	99.95	0.05	0.00	0.00
	Lough Ree - LR4	91	72.19	9.12	18.69	0.00
	Marina - MRC	123	95.73	2.75	0.89	0.63
	Moneypoint - MP1	285	94.28	3.13	2.59	0.00
	Moneypoint - MP2	285	90.57	4.26	5.17	0.00
	Moneypoint - MP3	285	78.34	5.03	16.63	0.00
	North Wall - NW5	104	94.58	5.23	0.19	0.00
	Poolbeg - PBA	231	52.09	47.71	0.20	0.00
	Poolbeg - PBB	231	80.89	16.46	2.65	0.00
	Turlough Hill - TH1	73	70.74	21.54	7.72	0.00
	Turlough Hill - TH2	73	71.13	15.75	13.12	0.00
	Turlough Hill - TH3	73	70.94	21.50	7.56	0.00
	Turlough Hill - TH4	73	70.77	21.65	7.58	0.00
	West Offaly - WO4	137	84.93	12.27	2.80	0.00
Edenderry Power Ltd	Edenderry - ED1	118	86.83	2.89	10.28	0.00
	Edenderry - ED3	58	99.80	0.00	0.20	0.00
	Edenderry - ED5	58	99.61	0.39	0.00	0.00
SSE Generation Ireland	Great Island - GI4	461	96.57	1.32	0.95	1.16
	Rhode - RP1	52	96.23	2.56	1.21	0.00
	Rhode - RP2	52	97.07	1.80	1.13	0.00
	Tarbert - TB1	54	99.93	0.07	0.00	0.00
	Tarbert - TB2	54	98.98	1.02	0.00	0.00
	Tarbert - TB3	241	99.35	0.09	0.56	0.00
	Tarbert - TB4	243	99.48	0.22	0.30	0.00
	Tawnaghmore - TP1	52	99.08	0.92	0.00	0.00
	Tawnaghmore - TP3	52	99.81	0.19	0.00	0.00
Indaver	Indaver - IW1	16	86.35	9.14	4.51	0.00
Synergen	Dublin Bay - DB1	405	88.23	8.51	3.15	0.11
Tynagh Energy Ltd	Tynagh - TYC	384	96.24	0.67	0.04	3.05
Viridian	Huntstown - HN2	400	90.07	6.45	0.09	3.39
	Huntstown - HNC	342	91.13	0.33	4.70	3.84

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

Unit-by-Unit 365 Day Rolling Availability – May 2018					
Company	Unit	Monthly Availability %	Monthly Forced %	Monthly Scheduled %	Monthly Ambient %
Activation Energy	Activation Energy 1 – AE1	34.34	52.78	12.88	0.00
	Activation Energy 2 – AE2	38.45	60.95	0.60	0.00
	Activation Energy 3 – AE3	66.71	28.40	4.89	0.00
	Activation Energy 4 – AE4	0.00	100.00	0.00	0.00
	Activation Energy 5 – AE5	55.80	7.97	36.23	0.00
DAE VPP	DAE VPP – DP1	71.40	0.00	28.60	0.00
	DAE VPP – DP2	46.82	0.00	53.18	0.00
Electricity Exchange Ltd	Electricity Exchange – EE1	53.02	14.75	32.23	0.00
	Electricity Exchange – EE2	71.96	12.61	15.43	0.00
	Electricity Exchange – EE3	41.60	27.97	30.43	0.00
	Electricity Exchange – EE4	55.85	17.00	27.15	0.00
	Electricity Exchange – EE5	49.36	24.33	26.31	0.00
Electric Ireland	Electric Ireland – EI1	85.16	2.40	12.44	0.00
Endeco	Endeco 1 – EC1	65.67	0.02	34.31	0.00
	Endeco 2 – EC2	57.20	0.25	42.55	0.00
	Endeco 5 – EC5	29.97	47.25	22.78	0.00
Energy Trading Ireland	Energy Trading – ET1	75.45	24.55	0.00	0.00
Powerhouse	Powerhouse – PG1	78.98	21.02	0.00	0.00
Viridian	Viridian Energy – VE1	60.84	0.00	39.16	0.00
	Viridian Energy – VE2	41.77	6.31	51.92	0.00

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

	Yearly Availability %	Yearly Forced %	Yearly Scheduled %	Yearly Ambient %
System Total Average Availability	84.21	9.24	5.7	0.85