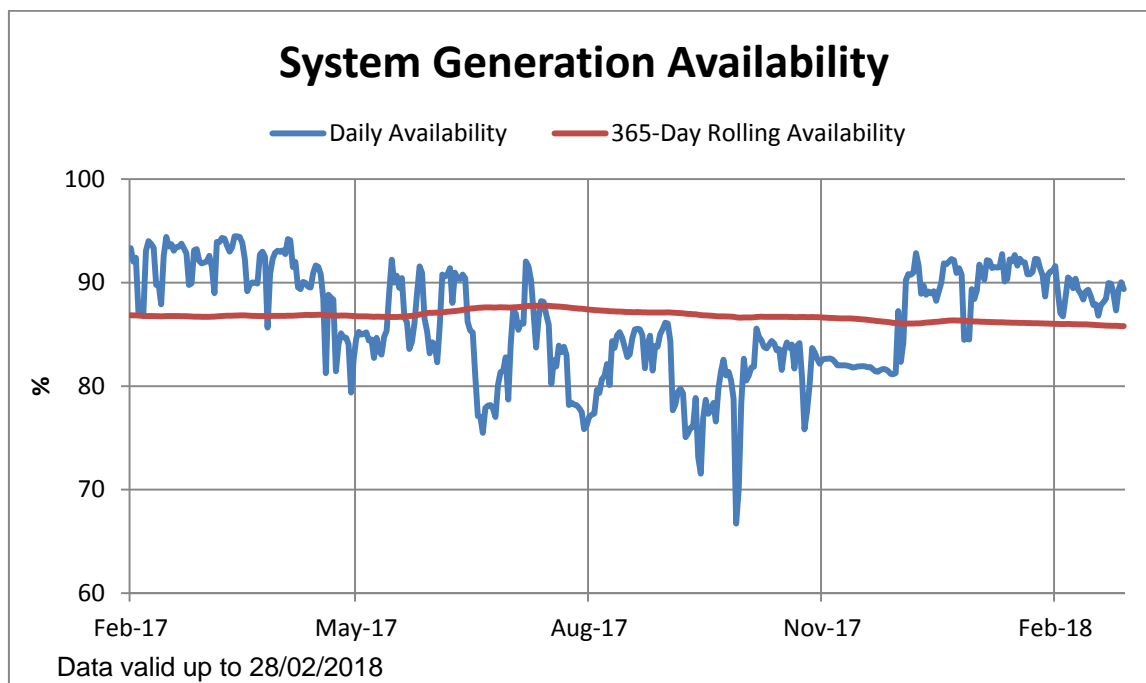


EirGrid Monthly Availability Report – February 2018

Availability report for February 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

Email: info@eirgrid.com

Email: OutagePlanning@eirgrid.com

www.eirgridgroup.com

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 – February 2018

Unit-by-Unit Average Monthly Availability – February 2018						
Company	Unit	Capacity	Monthly Availability %	Monthly Forced %	Monthly Scheduled %	Monthly Ambient %
Aughinish Alumina Ltd	Seal Rock - SK3	85	90.09	2.63	0.00	7.28
	Seal Rock - SK4	85	90.61	2.90	0.00	6.49
Bord Gáis	Whitegate - WG1	444	5.50	0.00	94.50	0.00
Dublin Waste to Energy	DWTE - DW1	61.5	67.28	32.72	0.00	0.00
ESB Energy Ireland	Aghada - AD1	258	100.00	0.00	0.00	0.00
	Aghada - AD2	431	99.62	0.22	0.00	0.16
	Aghada - AT1	90	100.00	0.00	0.00	0.00
	Aghada - AT2	90	98.31	0.00	1.69	0.00
	Aghada - AT4	90	99.02	0.00	0.98	0.00
	Ardnacrusha - AA1	21	95.23	4.77	0.00	0.00
	Ardnacrusha - AA2	22	99.71	0.05	0.24	0.00
	Ardnacrusha - AA3	19	94.25	5.73	0.02	0.00
	Ardnacrusha - AA4	24	74.88	12.23	12.89	0.00
	Erne - ER1	10	100.00	0.00	0.00	0.00
	Erne - ER2	10	100.00	0.00	0.00	0.00
	Erne - ER3	22	99.99	0.00	0.01	0.00
	Erne - ER4	22	99.99	0.00	0.01	0.00
	Lee - LE1	15	100.00	0.00	0.00	0.00
	Lee - LE2	4	50.54	48.28	1.18	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	100.00	0.00	0.00	0.00
	Lough Ree - LR4	91	97.77	2.23	0.00	0.00
	Marina - MRC	123	98.95	0.00	0.00	1.05
	Moneypoint - MP1	285	91.69	8.31	0.00	0.00
	Moneypoint - MP2	285	95.90	4.10	0.00	0.00
	Moneypoint - MP3	285	98.91	1.09	0.00	0.00
	North Wall - NW5	104	100.00	0.00	0.00	0.00
	Poolbeg - PBA	231	96.71	0.62	2.67	0.00
	Poolbeg - PBB	231	98.81	1.17	0.02	0.00
	Turlough Hill - TH1	73	99.75	0.02	0.23	0.00
	Turlough Hill - TH2	73	99.64	0.02	0.34	0.00
	Turlough Hill - TH3	73	99.20	0.02	0.78	0.00
	Turlough Hill - TH4	73	98.23	1.45	0.32	0.00
	West Offaly - WO4	137	77.02	9.24	13.74	0.00
Edenderry Power Ltd	Edenderry - ED1	118	92.73	7.27	0.00	0.00
	Edenderry - ED3	58	100.00	0.00	0.00	0.00
	Edenderry - ED5	58	99.98	0.02	0.00	0.00
SSE Generation Ireland	Great Island - GI4	461	99.92	0.00	0.00	0.08
	Rhode - RP1	52	72.90	27.10	0.00	0.00
	Rhode - RP2	52	76.74	23.26	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	99.87	0.13	0.00	0.00
	Tarbert - TB4	243	100.00	0.00	0.00	0.00
	Tawnaghmore - TP1	52	99.74	0.26	0.00	0.00
Tawnaghmore - TP3	52	99.73	0.27	0.00	0.00	
Indaver	Indaver - IW1	16	99.88	0.12	0.00	0.00
Synergen	Dublin Bay - DB1	405	99.54	0.46	0.00	0.00
Tynagh Energy Ltd	Tynagh - TYC	384	98.92	0.00	0.00	1.08
Viridian	Huntstown - HN2	400	99.12	0.00	0.00	0.88
	Huntstown - HNC	342	98.40	0.11	0.00	1.49

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

Unit-by-Unit Average Monthly Availability – February 2018					
Company	Unit	Monthly Availability %	Monthly Forced %	Monthly Scheduled %	Monthly Ambient %
Activation Energy	Activation Energy 1 – AE1	34.15	48.14	17.71	0.00
	Activation Energy 2 – AE2	29.47	69.49	1.04	0.00
	Activation Energy 3 – AE3	76.04	12.17	11.79	0.00
	Activation Energy 4 – AE4	0.00	100.00	0.00	0.00
	Activation Energy 5 – AE5	56.15	0.40	43.45	0.00
DAE VPP	DAE VPP – DP1	57.25	0.00	42.75	0.00
	DAE VPP – DP2	2.87	0.00	97.13	0.00
Electricity Exchange Ltd	Electricity Exchange – EE1	53.71	12.20	34.09	0.00
	Electricity Exchange – EE2	75.89	14.08	10.03	0.00
	Electricity Exchange – EE3	41.47	30.64	27.89	0.00
	Electricity Exchange – EE4	70.57	12.98	16.45	0.00
	Electricity Exchange – EE5	45.47	38.95	15.58	0.00
Electric Ireland	Electric Ireland – EI1	86.58	0.00	13.42	0.00
Endeco	Endeco 1 – EC1	65.65	0.00	34.35	0.00
	Endeco 2 – EC2	65.28	0.00	34.72	0.00
Energy Trading Ireland	Energy Trading – ET1	57.60	42.40	0.00	0.00
Powerhouse	Powerhouse – PG1	81.11	18.89	0.00	0.00
Viridian	Viridian Energy – VE1	54.10	0.00	45.90	0.00
	Viridian Energy – VE2	34.49	0.00	65.51	0.00

Table 3: System Total Average Monthly Availability – February 2018

	Monthly Availability %	Monthly Forced %	Monthly Scheduled %	Monthly Ambient %
System Total Average Availability	88.9	4.94	5.56	0.6

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

Unit-by-Unit 365 Day Rolling Availability – February 2018						
Company	Unit	Capacity	Monthly Availability %	Monthly Forced %	Monthly Scheduled %	Monthly Ambient %
Aughinish Alumina Ltd	Seal Rock - SK3	85	83.97	0.72	9.76	5.55
	Seal Rock - SK4	85	91.39	1.46	2.34	4.81
Bord Gáis	Whitegate - WG1	444	86.77	0.97	10.47	1.79
Dublin Waste to Energy	DWTE - DW1	61.5	47.96	40.49	11.55	0.00
ESB Energy Ireland	Aghada - AD1	258	98.96	0.00	1.03	0.01
	Aghada - AD2	431	93.35	1.23	4.96	0.46
	Aghada - AT1	90	98.17	1.17	0.66	0.00
	Aghada - AT2	90	98.58	0.47	0.95	0.00
	Aghada - AT4	90	98.40	0.29	1.31	0.00
	Ardnacrusha - AA1	21	67.29	3.08	29.63	0.00
	Ardnacrusha - AA2	22	81.28	2.58	16.14	0.00
	Ardnacrusha - AA3	19	73.72	4.47	21.81	0.00
	Ardnacrusha - AA4	24	38.24	53.75	8.01	0.00
	Erne - ER1	10	98.48	0.26	1.26	0.00
	Erne - ER2	10	96.64	1.87	1.49	0.00
	Erne - ER3	22	97.35	1.48	1.17	0.00
	Erne - ER4	22	98.28	0.47	1.25	0.00
	Lee - LE1	15	91.91	2.58	5.51	0.00
	Lee - LE2	4	65.23	8.63	26.14	0.00
	Lee - LE3	8	91.11	3.77	5.12	0.00
	Liffey - LI1	15	98.56	0.00	1.44	0.00
	Liffey - LI2	15	98.55	0.00	1.45	0.00
	Liffey - LI4	4	73.04	9.93	17.03	0.00
	Liffey - LI5	4	99.92	0.08	0.00	0.00
	Lough Ree - LR4	91	71.40	7.98	20.62	0.00
	Marina - MRC	123	95.74	3.01	0.89	0.36
	Moneypoint - MP1	285	93.24	4.17	2.59	0.00
	Moneypoint - MP2	285	90.91	4.56	4.53	0.00
	Moneypoint - MP3	285	89.35	7.17	3.48	0.00
	North Wall - NW5	104	95.40	2.99	1.61	0.00
	Poolbeg - PBA	231	50.94	47.71	1.35	0.00
	Poolbeg - PBB	231	82.54	16.49	0.97	0.00
	Turlough Hill - TH1	73	70.73	21.71	7.56	0.00
	Turlough Hill - TH2	73	71.06	15.76	13.18	0.00
	Turlough Hill - TH3	73	71.02	21.51	7.47	0.00
	Turlough Hill - TH4	73	70.76	21.66	7.58	0.00
West Offaly - WO4	137	83.10	10.27	6.63	0.00	
Edenderry Power Ltd	Edenderry - ED1	118	87.08	2.74	10.18	0.00
	Edenderry - ED3	58	99.12	0.55	0.33	0.00
	Edenderry - ED5	58	99.32	0.55	0.13	0.00
SSE Generation Ireland	Great Island - GI4	461	91.94	2.19	4.68	1.19
	Rhode - RP1	52	96.49	2.30	1.21	0.00
	Rhode - RP2	52	97.09	1.78	1.13	0.00
	Tarbert - TB1	54	98.94	0.16	0.90	0.00
	Tarbert - TB2	54	98.09	0.47	1.44	0.00
	Tarbert - TB3	241	98.65	0.09	1.26	0.00
	Tarbert - TB4	243	99.48	0.22	0.30	0.00
	Tawnaghmore - TP1	52	98.96	1.04	0.00	0.00
Tawnaghmore - TP3	52	99.81	0.19	0.00	0.00	
Indaver	Indaver - IW1	16	87.63	7.63	4.74	0.00
Synergen	Dublin Bay - DB1	405	88.80	8.05	3.03	0.12
Tynagh Energy Ltd	Tynagh - TYC	384	95.35	0.67	1.12	2.86
Viridian	Huntstown - HN2	400	89.62	7.01	0.09	3.28
	Huntstown - HNC	342	93.65	0.28	2.24	3.83

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

Unit-by-Unit 365 Day Rolling Availability – February 2018					
Company	Unit	Monthly Availability %	Monthly Forced %	Monthly Scheduled %	Monthly Ambient %
Activation Energy	Activation Energy 1 – AE1	34.63	51.25	14.12	0.00
	Activation Energy 2 – AE2	43.13	56.36	0.51	0.00
	Activation Energy 3 – AE3	67.17	29.59	3.24	0.00
	Activation Energy 4 – AE4	0.00	100.00	0.00	0.00
	Activation Energy 5 – AE5	55.79	11.34	32.87	0.00
DAE VPP	DAE VPP – DP1	67.67	0.00	32.33	0.00
	DAE VPP – DP2	47.11	0.00	52.89	0.00
Electricity Exchange Ltd	Electricity Exchange – EE1	53.19	15.96	30.85	0.00
	Electricity Exchange – EE2	73.07	12.84	14.09	0.00
	Electricity Exchange – EE3	44.93	33.28	21.79	0.00
	Electricity Exchange – EE4	48.13	19.17	32.70	0.00
	Electricity Exchange – EE5	49.23	26.14	24.63	0.00
Electric Ireland	Electric Ireland – EI1	84.56	2.90	12.54	0.00
Endeco	Endeco 1 – EC1	68.15	0.03	31.82	0.00
	Endeco 2 – EC2	60.13	0.28	39.59	0.00
Energy Trading Ireland	Energy Trading – ET1	75.70	24.30	0.00	0.00
Powerhouse	Powerhouse – PG1	77.88	22.12	0.00	0.00
Viridian	Viridian Energy – VE1	62.77	0.00	37.23	0.00
	Viridian Energy – VE2	36.84	8.55	54.61	0.00

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

	Yearly Availability %	Yearly Forced %	Yearly Scheduled %	Yearly Ambient %
System Total Average Availability	86.59	8.53	3.72	1.16