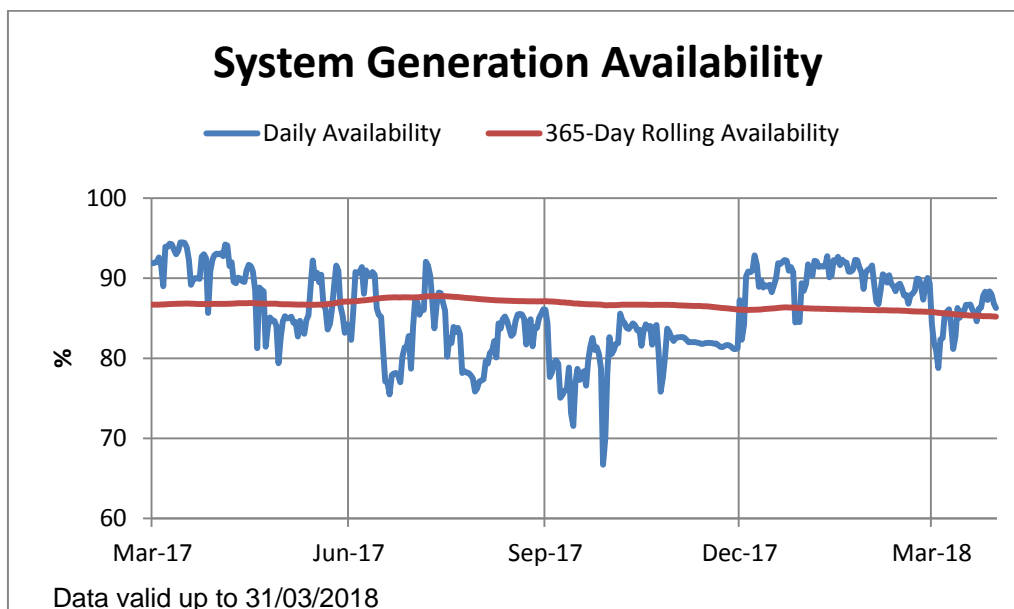


EirGrid Monthly Availability Report – March 2018

Availability report for March 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 – March 2018

Unit-by-Unit Average Monthly Availability – March 2018						
Company	Unit	Capacity	Monthly Availability %	Monthly Forced %	Monthly Scheduled %	Monthly Ambient %
Aughinish Alumina Ltd	Seal Rock - SK3	85	92.51	3.49	0.00	4.00
	Seal Rock - SK4	85	92.54	3.52	0.00	3.94
Bord Gáis	Whitegate - WG1	444	0.00	0.00	100.00	0.00
Dublin Waste to Energy	DWTE - DW1	61.5	68.86	30.75	0.39	0.00
ESB Energy Ireland	Aghada - AD1	258	100.00	0.00	0.00	0.00
	Aghada - AD2	431	99.18	0.03	0.00	0.79
	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	100.00	0.00	0.00	0.00
	Ardnacrusha - AA2	22	82.18	0.86	16.96	0.00
	Ardnacrusha - AA3	19	90.96	0.00	9.04	0.00
	Ardnacrusha - AA4	24	84.71	0.19	15.10	0.00
	Erne - ER1	10	100.00	0.00	0.00	0.00
	Erne - ER2	10	70.47	29.53	0.00	0.00
	Erne - ER3	22	100.00	0.00	0.00	0.00
	Erne - ER4	22	100.00	0.00	0.00	0.00
	Lee - LE1	15	100.00	0.00	0.00	0.00
	Lee - LE2	4	0.00	100.00	0.00	0.00
	Lee - LE3	8	100.00	0.00	0.00	0.00
	Liffey - LI1	15	99.89	0.11	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	84.32	15.68	0.00	0.00
	Marina - MRC	123	98.95	0.00	0.00	1.05
	Moneypoint - MP1	285	98.64	1.36	0.00	0.00
	Moneypoint - MP2	285	90.23	9.77	0.00	0.00
	Moneypoint - MP3	285	96.42	3.58	0.00	0.00
	North Wall - NW5	104	73.53	26.47	0.00	0.00
	Poolbeg - PBA	231	100.00	0.00	0.00	0.00
	Poolbeg - PBB	231	98.91	0.00	1.09	0.00
	Turlough Hill - TH1	73	98.06	0.51	1.43	0.00
	Turlough Hill - TH2	73	99.21	0.51	0.28	0.00
	Turlough Hill - TH3	73	99.21	0.51	0.28	0.00
	Turlough Hill - TH4	73	99.20	0.52	0.28	0.00
	West Offaly - WO4	137	46.34	53.66	0.00	0.00
Edenderry Power Ltd	Edenderry - ED1	118	81.08	11.65	7.27	0.00
	Edenderry - ED3	58	100.00	0.00	0.00	0.00
	Edenderry - ED5	58	99.68	0.32	0.00	0.00
SSE Generation Ireland	Great Island - GI4	461	99.25	0.29	0.00	0.46
	Rhode - RP1	52	96.91	3.09	0.00	0.00
	Rhode - RP2	52	99.86	0.14	0.00	0.00
	Tarbert - TB1	54	100.00	0.00	0.00	0.00
	Tarbert - TB2	54	93.28	6.72	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	88.46	11.54	0.00	0.00
Synergen	Dublin Bay - DB1	405	91.84	6.40	1.76	0.00
Tynagh Energy Ltd	Tynagh - TYC	384	97.34	0.00	0.00	2.66
Viridian	Huntstown - HN2	400	96.95	0.60	0.03	2.42
	Huntstown - HNC	342	96.74	0.00	0.00	3.26

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

Unit-by-Unit Average Monthly Availability – March 2018					
Company	Unit	Monthly Availability %	Monthly Forced %	Monthly Scheduled %	Monthly Ambient %
Activation Energy	Activation Energy 1 – AE1	28.95	57.24	13.81	0.00
	Activation Energy 2 – AE2	34.01	65.98	0.01	0.00
	Activation Energy 3 – AE3	67.44	17.08	15.48	0.00
	Activation Energy 4 – AE4	0.00	100.00	0.00	0.00
	Activation Energy 5 – AE5	56.11	1.79	42.10	0.00
DAE VPP	DAE VPP – DP1	72.86	0.00	27.14	0.00
	DAE VPP – DP2	29.96	0.00	70.04	0.00
Electricity Exchange Ltd	Electricity Exchange – EE1	54.09	16.06	29.85	0.00
	Electricity Exchange – EE2	60.56	19.08	20.36	0.00
	Electricity Exchange – EE3	33.84	26.15	40.01	0.00
	Electricity Exchange – EE4	68.92	22.28	8.80	0.00
	Electricity Exchange – EE5	46.92	31.07	22.01	0.00
Electric Ireland	Electric Ireland – EI1	89.89	0.00	10.11	0.00
Endeco	Endeco 1 – EC1	58.58	0.00	41.42	0.00
	Endeco 2 – EC2	35.55	0.00	64.45	0.00
Energy Trading Ireland	Energy Trading – ET1	74.51	25.49	0.00	0.00
Powerhouse	Powerhouse – PG1	81.55	18.45	0.00	0.00
Viridian	Viridian Energy – VE1	52.25	0.00	47.75	0.00
	Viridian Energy – VE2	52.03	0.08	47.89	0.00

Table 3: System Total Average Monthly Availability – March 2018

	Monthly Availability %	Monthly Forced %	Monthly Scheduled %	Monthly Ambient %
System Total Average Availability	85.19	6.72	7.49	0.6

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

Unit-by-Unit 365 Day Rolling Availability – March 2018						
Company	Unit	Capacity	Monthly Availability %	Monthly Forced %	Monthly Scheduled %	Monthly Ambient %
Aughinish Alumina Ltd	Seal Rock - SK3	85	83.90	0.98	9.76	5.36
	Seal Rock - SK4	85	91.64	1.74	1.87	4.75
Bord Gáis	Whitegate - WG1	444	78.37	0.97	18.95	1.71
Dublin Waste to Energy	DWTE - DW1	61.5	50.12	39.25	10.63	0.00
ESB Energy Ireland	Aghada - AD1	258	98.96	0.00	1.03	0.01
	Aghada - AD2	431	93.73	0.78	4.96	0.53
	Aghada - AT1	90	98.91	0.43	0.66	0.00
	Aghada - AT2	90	99.34	0.47	0.19	0.00
	Aghada - AT4	90	98.40	0.29	1.31	0.00
	Ardnacrusha - AA1	21	67.32	3.08	29.60	0.00
	Ardnacrusha - AA2	22	79.79	2.66	17.55	0.00
	Ardnacrusha - AA3	19	72.98	4.47	22.55	0.00
	Ardnacrusha - AA4	24	37.55	53.19	9.26	0.00
	Erne - ER1	10	98.53	0.21	1.26	0.00
	Erne - ER2	10	94.16	4.35	1.49	0.00
	Erne - ER3	22	97.37	1.48	1.15	0.00
	Erne - ER4	22	98.31	0.46	1.23	0.00
	Lee - LE1	15	98.73	1.17	0.10	0.00
	Lee - LE2	4	65.22	17.12	17.66	0.00
	Lee - LE3	8	91.33	3.55	5.12	0.00
	Liffey - LI1	15	98.63	0.01	1.36	0.00
	Liffey - LI2	15	98.64	0.00	1.36	0.00
	Liffey - LI4	4	81.52	9.93	8.55	0.00
	Liffey - LI5	4	99.92	0.08	0.00	0.00
	Lough Ree - LR4	91	72.42	8.85	18.73	0.00
	Marina - MRC	123	95.73	2.93	0.89	0.45
	Moneypoint - MP1	285	93.65	3.76	2.59	0.00
	Moneypoint - MP2	285	90.10	5.37	4.53	0.00
	Moneypoint - MP3	285	90.91	5.61	3.48	0.00
	North Wall - NW5	104	93.16	5.23	1.61	0.00
	Poolbeg - PBA	231	50.94	47.71	1.35	0.00
	Poolbeg - PBB	231	82.49	16.44	1.07	0.00
	Turlough Hill - TH1	73	70.86	21.52	7.62	0.00
	Turlough Hill - TH2	73	71.16	15.75	13.09	0.00
	Turlough Hill - TH3	73	71.05	21.50	7.45	0.00
	Turlough Hill - TH4	73	70.75	21.65	7.60	0.00
	West Offaly - WO4	137	79.40	13.97	6.63	0.00
Edenderry Power Ltd	Edenderry - ED1	118	86.06	3.14	10.80	0.00
	Edenderry - ED3	58	99.40	0.27	0.33	0.00
	Edenderry - ED5	58	99.57	0.30	0.13	0.00
SSE Generation Ireland	Great Island - GI4	461	91.97	2.20	4.68	1.15
	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	98.98	0.12	0.90	0.00
	Tarbert - TB2	54	97.52	1.04	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	99.08	0.92	0.00	0.00
Tawnaghmore - TP3	52	99.81	0.19	0.00	0.00	
Indaver	Indaver - IW1	16	86.70	8.56	4.74	0.00
Synergen	Dublin Bay - DB1	405	88.13	8.58	3.18	0.11
Tynagh Energy Ltd	Tynagh - TYC	384	95.31	0.67	1.12	2.90
Viridian	Huntstown - HN2	400	89.59	7.06	0.09	3.26
	Huntstown - HNC	342	93.63	0.28	2.24	3.85

Whilst it strives to ensure as high a level of accuracy as possible, EirGrid makes no warranties or representations of any kind with respect to the content of this report (including without limitation its quality, accuracy, and completeness.) and EirGrid accepts no liability for any reliance on the information presented here.

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

Unit-by-Unit 365 Day Rolling Availability – March 2018					
Company	Unit	Monthly Availability %	Monthly Forced %	Monthly Scheduled %	Monthly Ambient %
Activation Energy	Activation Energy 1 – AE1	34.08	52.38	13.54	0.00
	Activation Energy 2 – AE2	40.88	58.60	0.52	0.00
	Activation Energy 3 – AE3	67.47	28.02	4.51	0.00
	Activation Energy 4 – AE4	0.00	100.00	0.00	0.00
	Activation Energy 5 – AE5	55.78	8.85	35.37	0.00
DAE VPP	DAE VPP – DP1	69.54	0.00	30.46	0.00
	DAE VPP – DP2	48.25	0.00	51.75	0.00
Electricity Exchange Ltd	Electricity Exchange – EE1	53.01	15.96	31.03	0.00
	Electricity Exchange – EE2	72.60	13.42	13.98	0.00
	Electricity Exchange – EE3	43.05	32.06	24.89	0.00
	Electricity Exchange – EE4	52.54	19.83	27.63	0.00
	Electricity Exchange – EE5	48.89	26.87	24.24	0.00
Electric Ireland	Electric Ireland – EI1	84.95	2.62	12.43	0.00
Endeco	Endeco 1 – EC1	67.08	0.03	32.89	0.00
	Endeco 2 – EC2	59.04	0.27	40.69	0.00
Energy Trading Ireland	Energy Trading – ET1	75.08	24.92	0.00	0.00
Powerhouse	Powerhouse – PG1	78.32	21.68	0.00	0.00
Viridian	Viridian Energy – VE1	61.28	0.00	38.72	0.00
	Viridian Energy – VE2	39.17	7.25	53.58	0.00

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

	Yearly Availability %	Yearly Forced %	Yearly Scheduled %	Yearly Ambient %
System Total Average Availability	85.01	9.08	5.07	0.84