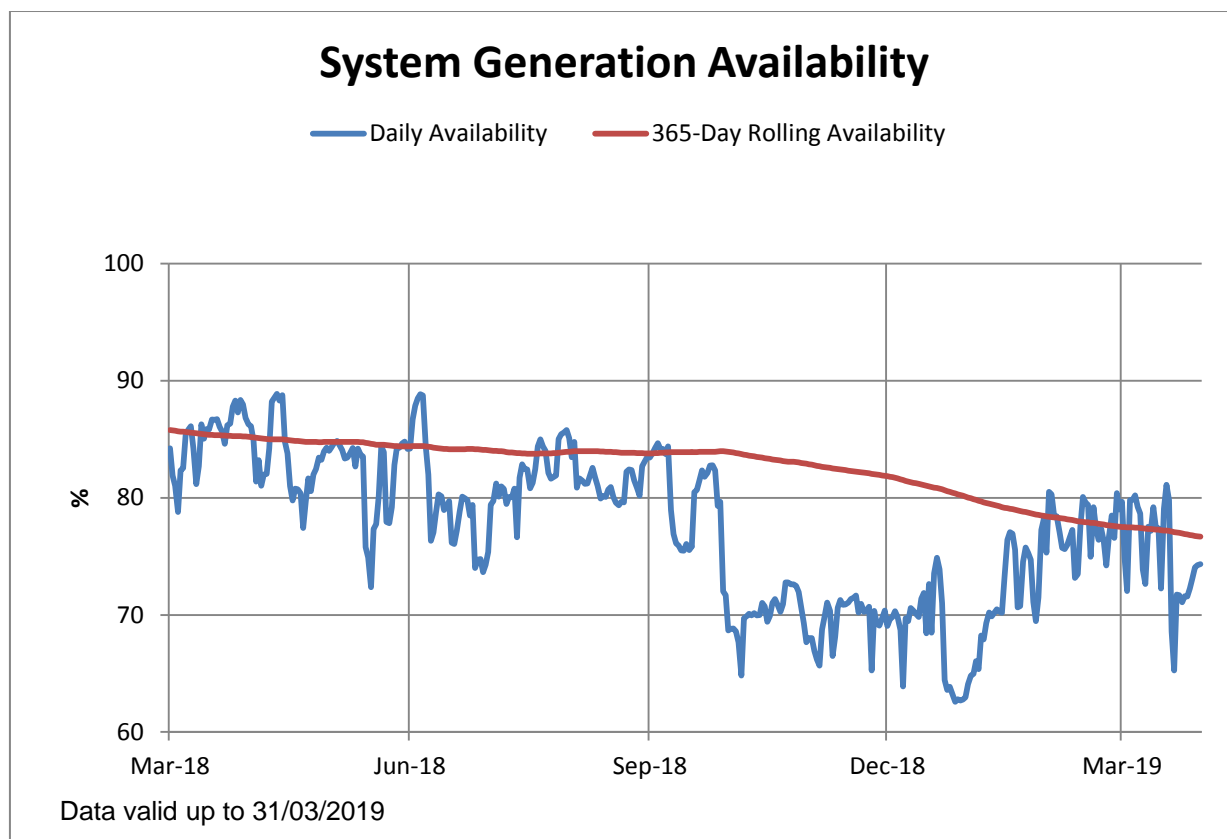


EirGrid Monthly Availability Report – March 2019

Availability report for March 2019¹.



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.

Table 1: Unit-by-Unit Average Monthly Availability Conventional Units – March 2019

Unit-by-Unit Average Monthly Availability – March 2019						
Company	Unit	Capacity	Monthly Availability %	Monthly Forced %	Monthly Scheduled %	Monthly Ambient %
Aughinish Alumina Ltd	Seal Rock - SK3	85	96.54	0.00	0.00	3.46
	Seal Rock - SK4	85	89.19	8.36	0.00	2.45
Bord Gáis	Whitegate - WG1	444	99.10	0.00	0.00	0.90
Dublin Waste to Energy	DWTE - DW1	61.5	65.39	33.58	1.03	0.00
ESB Energy Ireland	Aghada - AD1	258	0.00	0.00	100.00	0.00
	Aghada - AD2	431	96.51	3.10	0.00	0.39
	Aghada - AT1	90	99.06	0.00	0.94	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	100.00	0.00	0.00	0.00
	Ardnacrusha - AA3	19	100.00	0.00	0.00	0.00
	Ardnacrusha - AA4	24	99.43	0.57	0.00	0.00
	Erne - ER1	10	100.00	0.00	0.00	0.00
	Erne - ER2	10	99.95	0.05	0.00	0.00
	Erne - ER3	22	99.91	0.09	0.00	0.00
	Erne - ER4	22	99.45	0.34	0.21	0.00
	Lee - LE1	15	99.35	0.00	0.65	0.00
	Lee - LE2	4	99.51	0.00	0.49	0.00
	Lee - LE3	8	99.93	0.07	0.00	0.00
	Liffey - LI1	15	100.00	0.00	0.00	0.00
	Liffey - LI2	15	93.34	6.66	0.00	0.00
	Liffey - LI4	4	93.12	6.88	0.00	0.00
	Liffey - LI5	4	99.05	0.95	0.00	0.00
	Lough Ree - LR4	91	96.80	3.15	0.05	0.00
	Marina - MRC	123	0.00	100.00	0.00	0.00
	Moneypoint - MP1	285	71.74	28.26	0.00	0.00
	Moneypoint - MP2	285	7.83	92.17	0.00	0.00
	Moneypoint - MP3	285	71.50	28.50	0.00	0.00
	North Wall - NW5	104	100.00	0.00	0.00	0.00
	Poolbeg - PBA	231	79.74	20.26	0.00	0.00
	Poolbeg - PBB	231	68.38	31.62	0.00	0.00
	Turlough Hill - TH1	73	99.71	0.29	0.00	0.00
	Turlough Hill - TH2	73	98.49	1.51	0.00	0.00
	Turlough Hill - TH3	73	99.19	0.62	0.19	0.00
	Turlough Hill - TH4	73	100.00	0.00	0.00	0.00
	West Offaly - WO4	137	100.00	0.00	0.00	0.00
Edenderry Power Ltd	Edenderry - ED1	118	99.98	0.02	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	78.43	17.13	2.61	1.83
	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	97.71	0.00	2.29	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	88.35	11.65	0.00	0.00
Synergen	Dublin Bay - DB1	405	61.09	38.89	0.00	0.02
Tynagh Energy Ltd	Tynagh - TYC	384	95.66	0.00	0.00	4.34
Viridian	Huntstown - HN2	400	59.55	37.40	1.73	1.32
	Huntstown - HNC	342	97.45	0.00	0.00	2.55

Table 2: Unit-by-Unit Average Monthly Availability Demand Side Units – March 2019

Unit-by-Unit Average Monthly Availability – March 2019					
Company	Unit	Monthly Availability %	Monthly Forced %	Monthly Scheduled %	Monthly Ambient %
Activation Energy	Activation Energy 1 – AE1	26.05	53.9	20.05	0
	Activation Energy 2 – AE2	0.07	99.93	0	0
	Activation Energy 3 – AE3	64.29	35.71	0	0
	Activation Energy 4 – AE4	0	0	100	0
	Activation Energy 5 – AE5	52.05	7.88	40.07	0
DAE VPP	DAE VPP – DP1	57.06	0	42.94	0
	DAE VPP – DP2	0	0	100	0
Electricity Exchange Ltd	Electricity Exchange – EE1	50.6	0	49.4	0
	Electricity Exchange – EE2	42.19	0	57.81	0
	Electricity Exchange – EE3	46.03	0	53.97	0
	Electricity Exchange – EE4	66.5	0	33.5	0
	Electricity Exchange – EE5	48.04	0	51.96	0
Electric Ireland	Electric Ireland – EI1	83.4	0.2	16.4	0
Endeco	Endeco 1 – EC1	66.53	0	33.47	0
	Endeco 2 – EC2	25	0	75	0
	Endeco 5 – EC5	52.83	0	47.17	0
Energy Trading Ireland	Energy Trading – ET1	63.45	36.55	0	0
Powerhouse	Powerhouse – PG1	48.01	51.96	0.03	0
Viridian	Viridian Energy – VE1	46.19	0	53.81	0
	Viridian Energy – VE2	62.74	0	37.26	0

Table 3: System Total Average Monthly Availability – March 2019

	Monthly Availability %	Monthly Forced %	Monthly Scheduled %	Monthly Ambient %
System Total Average Availability	75.2	18.24	5.89	0.67

Table 4: Unit-by-Unit 365 Day Rolling Availability Conventional Units – March 2018 to March 2019

Unit-by-Unit 365 Day Rolling Availability – March 2019						
Company	Unit	Capacity	Monthly Availability %	Monthly Forced %	Monthly Scheduled %	Monthly Ambient %
Aughinish Alumina Ltd	Seal Rock - SK3	85	89.67	1.52	3.32	5.49
	Seal Rock - SK4	85	90.56	2.16	2.56	4.72
Bord Gáis	Whitegate - WG1	444	78.98	15.68	4.18	1.16
Dublin Waste to Energy	DWTE - DW1	61.5	87.43	9.24	3.33	0.00
ESB Energy Ireland	Aghada - AD1	258	49.55	1.25	49.20	0.00
	Aghada - AD2	431	96.03	0.57	2.21	1.19
	Aghada - AT1	90	98.00	0.45	1.51	0.04
	Aghada - AT2	90	97.35	0.60	2.01	0.04
	Aghada - AT4	90	92.12	0.72	7.12	0.04
	Ardnacrusha - AA1	21	66.69	0.03	33.28	0.00
	Ardnacrusha - AA2	22	70.08	5.06	24.86	0.00
	Ardnacrusha - AA3	19	69.78	3.27	26.95	0.00
	Ardnacrusha - AA4	24	72.39	2.36	25.25	0.00
	Erne - ER1	10	84.15	14.54	1.31	0.00
	Erne - ER2	10	95.04	1.09	3.87	0.00
	Erne - ER3	22	91.88	6.86	1.26	0.00
	Erne - ER4	22	97.41	1.39	1.20	0.00
	Lee - LE1	15	96.37	2.25	1.38	0.00
	Lee - LE2	4	90.53	9.30	0.17	0.00
	Lee - LE3	8	93.60	0.02	6.38	0.00
	Liffey - LI1	15	92.80	0.05	7.15	0.00
	Liffey - LI2	15	90.52	2.33	7.15	0.00
	Liffey - LI4	4	92.25	0.60	7.15	0.00
	Liffey - LI5	4	93.70	0.11	6.19	0.00
	Lough Ree - LR4	91	90.89	5.22	3.89	0.00
	Marina - MRC	123	43.67	55.78	0.34	0.21
	Moneypoint - MP1	285	48.23	34.69	17.08	0.00
	Moneypoint - MP2	285	46.45	52.91	0.64	0.00
	Moneypoint - MP3	285	23.51	60.56	15.93	0.00
	North Wall - NW5	104	89.48	6.71	3.75	0.06
	Poolbeg - PBA	231	87.15	3.30	9.55	0.00
	Poolbeg - PBB	231	84.19	10.89	4.92	0.00
	Turlough Hill - TH1	73	96.25	1.59	2.16	0.00
	Turlough Hill - TH2	73	96.16	3.05	0.79	0.00
	Turlough Hill - TH3	73	95.16	2.42	2.42	0.00
	Turlough Hill - TH4	73	92.48	5.93	1.59	0.00
West Offaly - WO4	137	79.18	3.39	17.43	0.00	
Edenderry Power Ltd	Edenderry - ED1	118	89.93	0.78	9.29	0.00
	Edenderry - ED3	58	99.88	0.00	0.12	0.00
	Edenderry - ED5	58	99.23	0.65	0.12	0.00
SSE Generation Ireland	Great Island - GI4	461	57.49	28.65	12.82	1.04
	Rhode - RP1	52	99.38	0.62	0.00	0.00
	Rhode - RP2	52	99.74	0.26	0.00	0.00
	Tarbert - TB1	54	99.69	0.31	0.00	0.00
	Tarbert - TB2	54	98.10	1.90	0.00	0.00
	Tarbert - TB3	241	99.08	0.23	0.69	0.00
	Tarbert - TB4	243	90.14	6.14	3.72	0.00
	Tawnaghmore - TP1	52	98.64	0.14	1.22	0.00
Tawnaghmore - TP3	52	97.73	2.06	0.21	0.00	
Indaver	Indaver - IW1	16	90.86	4.63	4.51	0.00
Synergen	Dublin Bay - DB1	405	94.98	4.71	0.27	0.04
Tynagh Energy Ltd	Tynagh - TYC	384	93.13	0.51	2.42	3.94
Viridian	Huntstown - HN2	400	92.94	3.35	0.17	3.54
	Huntstown - HNC	342	93.14	0.10	2.84	3.92

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 2018 to March 2019

Unit-by-Unit 365 Day Rolling Availability – March 2019					
Company	Unit	Monthly Availability %	Monthly Forced %	Monthly Scheduled %	Monthly Ambient %
Activation Energy	Activation Energy 1 – AE1	29.69	58.85	11.46	0
	Activation Energy 2 – AE2	34.77	63.98	1.25	0
	Activation Energy 3 – AE3	54.47	44.59	0.94	0
	Activation Energy 4 – AE4	0.04	86.99	12.97	0
	Activation Energy 5 – AE5	54.63	3.52	41.85	0
DAE VPP	DAE VPP – DP1	69.9	0	30.1	0
	DAE VPP – DP2	21.23	0	78.77	0
Electricity Exchange Ltd	Electricity Exchange – EE1	55.57	0.22	44.21	0
	Electricity Exchange – EE2	47.8	0.27	51.93	0
	Electricity Exchange – EE3	39.73	0.34	59.93	0
	Electricity Exchange – EE4	67.78	0.27	31.95	0
	Electricity Exchange – EE5	50.5	0.45	49.05	0
Electric Ireland	Electric Ireland – EI1	76.94	0.05	23.01	0
Endeco	Endeco 1 – EC1	56.16	0	43.84	0
	Endeco 2 – EC2	33.42	0.04	66.54	0
	Endeco 5 – EC5	53.08	0.23	46.69	0
Energy Trading Ireland	Energy Trading – ET1	65.35	34.65	0	0
Powerhouse	Powerhouse – PG1	66.79	33.21	0	0
Viridian	Viridian Energy – VE1	53.16	0	46.84	0
	Viridian Energy – VE2	52.26	0.01	47.73	0

Table 6: 365 Day Rolling System Total Average Availability – March 2018 to March 2019

	Yearly Availability %	Yearly Forced %	Yearly Scheduled %	Yearly Ambient %
System Total Average Availability	76.66	14.49	7.95	0.9