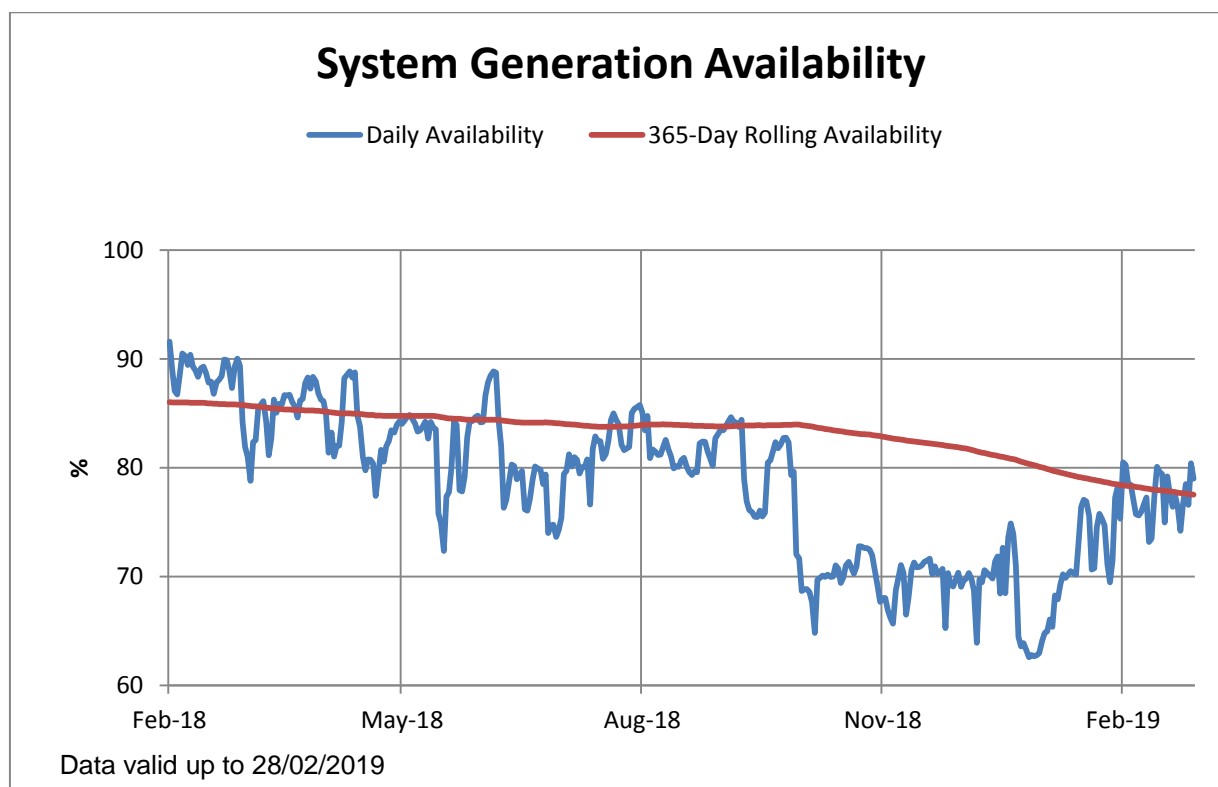


EirGrid Monthly Availability Report – February 2019

Availability report for February 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 – February 2019

Unit-by-Unit Average Monthly Availability – February 2019						
Company	Unit	Capacity	Monthly Availability %	Monthly Forced %	Monthly Scheduled %	Monthly Ambient %
Aughinish Alumina Ltd	Seal Rock - SK3	85	79.31	1.02	15.80	3.87
	Seal Rock - SK4	85	95.30	0.00	0.00	4.70
Bord Gáis	Whitegate - WG1	444	96.09	3.13	0.00	0.78
Dublin Waste to Energy	DWTE - DW1	61.5	96.44	3.56	0.00	0.00
ESB Energy Ireland	Aghada - AD1	258	8.78	0.00	91.22	0.00
	Aghada - AD2	431	99.71	0.00	0.00	0.29
	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	100.00	0.00	0.00	0.00
	Ardnacrusha - AA3	19	86.91	13.09	0.00	0.00
	Ardnacrusha - AA4	24	99.95	0.05	0.00	0.00
	Erne - ER1	10	99.65	0.00	0.35	0.00
	Erne - ER2	10	97.88	1.12	1.00	0.00
	Erne - ER3	22	99.83	0.00	0.17	0.00
	Erne - ER4	22	99.29	0.00	0.71	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	78.32	21.68	0.00	0.00
	Liffey - LI4	4	99.81	0.19	0.00	0.00
	Liffey - LI5	4	100.00	0.00	0.00	0.00
	Lough Ree - LR4	91	100.00	0.00	0.00	0.00
	Marina - MRC	123	0.00	100.00	0.00	0.00
	Moneypoint - MP1	285	82.68	17.32	0.00	0.00
	Moneypoint - MP2	285	0.00	100.00	0.00	0.00
	Moneypoint - MP3	285	85.85	14.15	0.00	0.00
	North Wall - NW5	104	100.00	0.00	0.00	0.00
	Poolbeg - PBA	231	65.71	17.40	16.89	0.00
	Poolbeg - PBB	231	71.84	28.16	0.00	0.00
	Turlough Hill - TH1	73	99.17	0.00	0.83	0.00
	Turlough Hill - TH2	73	100.00	0.00	0.00	0.00
	Turlough Hill - TH3	73	99.03	0.97	0.00	0.00
	Turlough Hill - TH4	73	99.37	0.00	0.63	0.00
	West Offaly - WO4	137	98.67	1.33	0.00	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	38.78	49.46	11.74	0.02
	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	99.42	0.58	0.00	0.00
	Tarbert - TB3	241	94.05	0.00	5.95	0.00
	Tarbert - TB4	243	100.00	0.00	0.00	0.00
	Tawnaghmore - TP1	52	99.89	0.11	0.00	0.00
Tawnaghmore - TP3	52	100.00	0.00	0.00	0.00	
Indaver	Indaver - IW1	16	98.89	1.11	0.00	0.00
Synergen	Dublin Bay - DB1	405	100.00	0.00	0.00	0.00
Tynagh Energy Ltd	Tynagh - TYC	384	92.77	2.90	0.00	4.33
Viridian	Huntstown - HN2	400	98.30	0.00	0.05	1.65
	Huntstown - HNC	342	97.45	0.00	0.00	2.55

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

Unit-by-Unit Average Monthly Availability – February 2019					
Company	Unit	Monthly Availability %	Monthly Forced %	Monthly Scheduled %	Monthly Ambient %
Activation Energy	Activation Energy 1 – AE1	26.09	52.96	20.95	0
	Activation Energy 2 – AE2	12.52	87.48	0	0
	Activation Energy 3 – AE3	64.29	35.71	0	0
	Activation Energy 4 – AE4	0.58	40.85	58.57	0
	Activation Energy 5 – AE5	55.72	1.05	43.23	0
DAE VPP	DAE VPP – DP1	55	0	45	0
	DAE VPP – DP2	3.89	0	96.11	0
Electricity Exchange Ltd	Electricity Exchange – EE1	47.4	0	52.6	0
	Electricity Exchange – EE2	42.85	0	57.15	0
	Electricity Exchange – EE3	45.82	0	54.18	0
	Electricity Exchange – EE4	68.62	0	31.38	0
	Electricity Exchange – EE5	36.75	0	63.25	0
Electric Ireland	Electric Ireland – EI1	75.5	0	24.5	0
Endeco	Endeco 1 – EC1	64.33	0	35.67	0
	Endeco 2 – EC2	25	0	75	0
	Endeco 5 – EC5	55.54	0	44.46	0
Energy Trading Ireland	Energy Trading – ET1	55.22	44.78	0	0
Powerhouse	Powerhouse – PG1	52.74	47.26	0	0
Viridian	Viridian Energy – VE1	40.6	0	59.4	0
	Viridian Energy – VE2	55.01	0	44.99	0

Table 3: System Total Average Monthly Availability – February 2019

	Monthly Availability %	Monthly Forced %	Monthly Scheduled %	Monthly Ambient %
System Total Average Availability	77.36	15.17	6.88	0.59

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

Unit-by-Unit 365 Day Rolling Availability – February 2019						
Company	Unit	Capacity	Monthly Availability %	Monthly Forced %	Monthly Scheduled %	Monthly Ambient %
Aughinish Alumina Ltd	Seal Rock - SK3	85	89.33	1.82	3.32	5.53
	Seal Rock - SK4	85	90.84	1.75	2.56	4.85
Bord Gáis	Whitegate - WG1	444	70.58	15.68	12.66	1.08
Dublin Waste to Energy	DWTE - DW1	61.5	87.72	9.00	3.28	0.00
ESB Energy Ireland	Aghada - AD1	258	58.03	1.25	40.72	0.00
	Aghada - AD2	431	96.26	0.31	2.21	1.22
	Aghada - AT1	90	98.08	0.45	1.43	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	68.57	5.13	26.30	0.00
	Ardnacrusha - AA3	19	69.01	3.27	27.72	0.00
	Ardnacrusha - AA4	24	71.14	2.33	26.53	0.00
	Erne - ER1	10	84.15	14.54	1.31	0.00
	Erne - ER2	10	92.54	3.59	3.87	0.00
	Erne - ER3	22	91.89	6.85	1.26	0.00
	Erne - ER4	22	97.46	1.36	1.18	0.00
	Lee - LE1	15	96.43	2.25	1.32	0.00
	Lee - LE2	4	82.09	17.78	0.13	0.00
	Lee - LE3	8	93.60	0.02	6.38	0.00
	Liffey - LI1	15	92.79	0.06	7.15	0.00
	Liffey - LI2	15	91.08	1.77	7.15	0.00
	Liffey - LI4	4	92.84	0.01	7.15	0.00
	Liffey - LI5	4	93.78	0.03	6.19	0.00
	Lough Ree - LR4	91	89.84	6.28	3.88	0.00
	Marina - MRC	123	52.06	47.30	0.34	0.30
	Moneypoint - MP1	285	50.51	32.41	17.08	0.00
	Moneypoint - MP2	285	53.44	45.92	0.64	0.00
	Moneypoint - MP3	285	25.62	58.45	15.93	0.00
	North Wall - NW5	104	87.24	8.95	3.75	0.06
	Poolbeg - PBA	231	88.86	1.59	9.55	0.00
	Poolbeg - PBB	231	86.77	8.21	5.02	0.00
	Turlough Hill - TH1	73	96.11	1.61	2.28	0.00
	Turlough Hill - TH2	73	96.22	2.97	0.81	0.00
	Turlough Hill - TH3	73	95.16	2.41	2.43	0.00
Turlough Hill - TH4	73	92.41	5.97	1.62	0.00	
West Offaly - WO4	137	74.63	7.94	17.43	0.00	
Edenderry Power Ltd	Edenderry - ED1	118	88.33	1.76	9.91	0.00
	Edenderry - ED3	58	99.88	0.00	0.12	0.00
	Edenderry - ED5	58	99.20	0.68	0.12	0.00
SSE Generation Ireland	Great Island - GI4	461	59.26	27.22	12.59	0.93
	Rhode - RP1	52	99.11	0.89	0.00	0.00
	Rhode - RP2	52	99.72	0.28	0.00	0.00
	Tarbert - TB1	54	99.69	0.31	0.00	0.00
	Tarbert - TB2	54	97.53	2.47	0.00	0.00
	Tarbert - TB3	241	99.28	0.23	0.49	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	90.87	4.62	4.51	0.00
Synergen	Dublin Bay - DB1	405	97.58	1.96	0.42	0.04
Tynagh Energy Ltd	Tynagh - TYC	384	93.27	0.51	2.42	3.80
Viridian	Huntstown - HN2	400	96.12	0.22	0.03	3.63
	Huntstown - HNC	342	93.08	0.10	2.84	3.98

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 – February 2018 to February 2019

Unit-by-Unit 365 Day Rolling Availability – February 2019					
Company	Unit	Monthly Availability %	Monthly Forced %	Monthly Scheduled %	Monthly Ambient %
Activation Energy	Activation Energy 1 – AE1	29.94	59.13	10.93	0
	Activation Energy 2 – AE2	37.64	61.11	1.25	0
	Activation Energy 3 – AE3	54.73	43.01	2.26	0
	Activation Energy 4 – AE4	0.04	95.47	4.49	0
	Activation Energy 5 – AE5	54.98	3	42.02	0
DAE VPP	DAE VPP – DP1	71.25	0	28.75	0
	DAE VPP – DP2	24.05	0	75.95	0
Electricity Exchange Ltd	Electricity Exchange – EE1	55.91	1.23	42.86	0
	Electricity Exchange – EE2	49.36	1.88	48.76	0
	Electricity Exchange – EE3	38.69	2.56	58.75	0
	Electricity Exchange – EE4	67.99	2.16	29.85	0
	Electricity Exchange – EE5	50.53	2.42	47.05	0
Electric Ireland	Electric Ireland – EI1	77.48	0.04	22.48	0
Endeco	Endeco 1 – EC1	55.53	0	44.47	0
	Endeco 2 – EC2	34.41	0.04	65.55	0
	Endeco 5 – EC5	53.53	0.85	45.62	0
Energy Trading Ireland	Energy Trading – ET1	66.24	33.76	0	0
Powerhouse	Powerhouse – PG1	69.72	30.28	0	0
Viridian	Viridian Energy – VE1	53.69	0	46.31	0
	Viridian Energy – VE2	51.35	0.02	48.63	0

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

	Yearly Availability %	Yearly Forced %	Yearly Scheduled %	Yearly Ambient %
System Total Average Availability	77.5	13.52	8.09	0.89