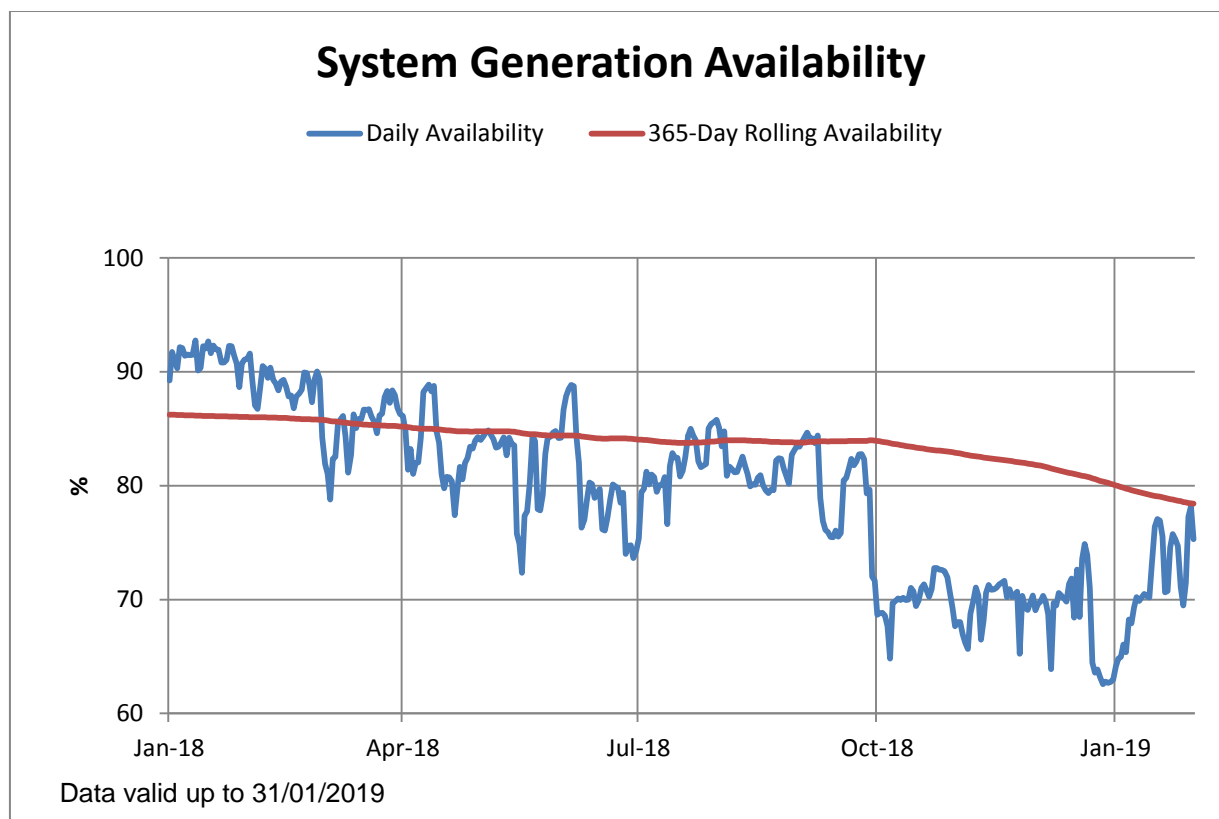


EirGrid Monthly Availability Report – January 2019

Availability report for January 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

General Queries

Email: info@eirgrid.com

Email: OutagePlanning@eirgrid.com

www.eirgridgroup.com

¹ Based on EDIL (Electronic Dispatch Instruction Logger) declarations.

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

Unit-by-Unit Average Monthly Availability – January 2019						
Company	Unit	Capacity	Monthly Availability %	Monthly Forced %	Monthly Scheduled %	Monthly Ambient %
Aughinish Alumina Ltd	Seal Rock - SK3	85	96.37	0.00	0.00	3.63
	Seal Rock - SK4	85	97.60	0.00	0.00	2.40
Bord Gáis	Whitegate - WG1	444	75.31	24.37	0.00	0.32
Dublin Waste to Energy	DWTE - DW1	61.5	98.64	1.36	0.00	0.00
ESB Energy Ireland	Aghada - AD1	258	0.00	0.00	100.00	0.00
	Aghada - AD2	431	99.78	0.00	0.00	0.22
	Aghada - AT1	90	100.00	0.00	0.00	0.00
	Aghada - AT2	90	96.10	3.90	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	98.73	0.13	1.14	0.00
	Erne - ER1	10	50.56	49.19	0.25	0.00
	Erne - ER2	10	95.50	3.97	0.53	0.00
	Erne - ER3	22	98.92	0.34	0.74	0.00
	Erne - ER4	22	84.15	15.85	0.00	0.00
	Lee - LE1	15	74.32	25.68	0.00	0.00
	Lee - LE2	4	99.18	0.40	0.42	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	99.19	0.81	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	99.69	0.31	0.00	0.00
	Marina - MRC	123	0.00	100.00	0.00	0.00
	Moneypoint - MP1	285	36.63	63.04	0.33	0.00
	Moneypoint - MP2	285	0.00	100.00	0.00	0.00
	Moneypoint - MP3	285	58.86	40.60	0.54	0.00
	North Wall - NW5	104	89.87	10.13	0.00	0.00
	Poolbeg - PBA	231	99.97	0.03	0.00	0.00
	Poolbeg - PBB	231	79.08	20.92	0.00	0.00
	Turlough Hill - TH1	73	100.00	0.00	0.00	0.00
	Turlough Hill - TH2	73	99.32	0.00	0.68	0.00
	Turlough Hill - TH3	73	98.81	0.00	1.19	0.00
	Turlough Hill - TH4	73	99.76	0.24	0.00	0.00
	West Offaly - WO4	137	99.59	0.41	0.00	0.00
Edenderry Power Ltd	Edenderry - ED1	118	99.57	0.27	0.16	0.00
	Edenderry - ED3	58	100.00	0.00	0.00	0.00
	Edenderry - ED5	58	96.65	3.35	0.00	0.00
SSE Generation Ireland	Great Island - GI4	461	2.10	55.48	42.42	0.00
	Rhode - RP1	52	99.07	0.93	0.00	0.00
	Rhode - RP2	52	100.00	0.00	0.00	0.00
	Tarbert - TB1	54	99.95	0.05	0.00	0.00
	Tarbert - TB2	54	99.92	0.08	0.00	0.00
	Tarbert - TB3	241	99.35	0.65	0.00	0.00
	Tarbert - TB4	243	73.19	26.81	0.00	0.00
	Tawnaghmore - TP1	52	100.00	0.00	0.00	0.00
Tawnaghmore - TP3	52	97.87	2.13	0.00	0.00	
Indaver	Indaver - IW1	16	97.49	2.51	0.00	0.00
Synergen	Dublin Bay - DB1	405	92.84	7.16	0.00	0.00
Tynagh Energy Ltd	Tynagh - TYC	384	99.29	0.00	0.00	0.71
Viridian	Huntstown - HN2	400	98.19	0.00	0.00	1.81
	Huntstown - HNC	342	97.12	0.10	0.00	2.78

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

Unit-by-Unit Average Monthly Availability – January 2019					
Company	Unit	Monthly Availability %	Monthly Forced %	Monthly Scheduled %	Monthly Ambient %
Activation Energy	Activation Energy 1 – AE1	23.73	60.61	15.66	0
	Activation Energy 2 – AE2	36.4	62.57	1.03	0
	Activation Energy 3 – AE3	59.97	40.03	0	0
	Activation Energy 4 – AE4	0	100	0	0
	Activation Energy 5 – AE5	54.77	2.86	42.37	0
DAE VPP	DAE VPP – DP1	46.92	0	53.08	0
	DAE VPP – DP2	48.59	0	51.41	0
Electricity Exchange Ltd	Electricity Exchange – EE1	44.24	0.1	55.66	0
	Electricity Exchange – EE2	48.19	0	51.81	0
	Electricity Exchange – EE3	47.98	0	52.02	0
	Electricity Exchange – EE4	69.78	0	30.22	0
	Electricity Exchange – EE5	49.29	0.61	50.1	0
Electric Ireland	Electric Ireland – EI1	83.65	0	16.35	0
Endeco	Endeco 1 – EC1	58.22	0	41.78	0
	Endeco 2 – EC2	25	0	75	0
	Endeco 5 – EC5	56.47	0	43.53	0
Energy Trading Ireland	Energy Trading – ET1	33.28	66.72	0	0
Powerhouse	Powerhouse – PG1	55.28	44.72	0	0
Viridian	Viridian Energy – VE1	53.72	0	46.28	0
	Viridian Energy – VE2	34.44	0	65.56	0

Table 3: System Total Average Monthly Availability – January 2019

	Monthly Availability %	Monthly Forced %	Monthly Scheduled %	Monthly Ambient %
System Total Average Availability	71.47	20.3	7.86	0.37

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

Unit-by-Unit 365 Day Rolling Availability – January 2019						
Company	Unit	Capacity	Monthly Availability %	Monthly Forced %	Monthly Scheduled %	Monthly Ambient %
Aughinish Alumina Ltd	Seal Rock - SK3	85	90.16	1.94	2.11	5.79
	Seal Rock - SK4	85	90.48	1.97	2.56	4.99
Bord Gáis	Whitegate - WG1	444	63.63	15.44	19.91	1.02
Dublin Waste to Energy	DWTE - DW1	61.5	85.48	11.24	3.28	0.00
ESB Energy Ireland	Aghada - AD1	258	65.03	1.25	33.72	0.00
	Aghada - AD2	431	96.25	0.33	2.21	1.21
	Aghada - AT1	90	98.08	0.45	1.43	0.04
	Aghada - AT2	90	97.22	0.60	2.14	0.04
	Aghada - AT4	90	92.04	0.72	7.20	0.04
	Ardnacrusha - AA1	21	66.32	0.40	33.28	0.00
	Ardnacrusha - AA2	22	68.54	5.14	26.32	0.00
	Ardnacrusha - AA3	19	69.57	2.71	27.72	0.00
	Ardnacrusha - AA4	24	69.21	3.27	27.52	0.00
	Erne - ER1	10	84.18	14.54	1.28	0.00
	Erne - ER2	10	92.70	3.50	3.80	0.00
	Erne - ER3	22	91.90	6.85	1.25	0.00
	Erne - ER4	22	97.51	1.36	1.13	0.00
	Lee - LE1	15	96.43	2.25	1.32	0.00
	Lee - LE2	4	78.30	21.48	0.22	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	92.74	0.11	7.15	0.00
	Liffey - LI4	4	92.85	0.00	7.15	0.00
	Liffey - LI5	4	93.78	0.03	6.19	0.00
	Lough Ree - LR4	91	89.67	6.45	3.88	0.00
	Marina - MRC	123	59.66	39.62	0.34	0.38
	Moneypoint - MP1	285	51.20	31.72	17.08	0.00
	Moneypoint - MP2	285	60.79	38.57	0.64	0.00
	Moneypoint - MP3	285	26.62	57.45	15.93	0.00
	North Wall - NW5	104	87.24	8.95	3.75	0.06
	Poolbeg - PBA	231	91.24	0.30	8.46	0.00
	Poolbeg - PBB	231	88.84	6.14	5.02	0.00
	Turlough Hill - TH1	73	96.15	1.61	2.24	0.00
	Turlough Hill - TH2	73	96.19	2.97	0.84	0.00
	Turlough Hill - TH3	73	95.17	2.34	2.49	0.00
	Turlough Hill - TH4	73	92.33	6.08	1.59	0.00
West Offaly - WO4	137	72.97	8.55	18.48	0.00	
Edenderry Power Ltd	Edenderry - ED1	118	87.77	2.32	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	63.95	23.43	11.69	0.93
	Rhode - RP1	52	97.03	2.97	0.00	0.00
	Rhode - RP2	52	97.94	2.06	0.00	0.00
	Tarbert - TB1	54	99.69	0.31	0.00	0.00
	Tarbert - TB2	54	97.57	2.43	0.00	0.00
	Tarbert - TB3	241	99.72	0.24	0.04	0.00
	Tarbert - TB4	243	90.14	6.14	3.72	0.00
	Tawnaghmore - TP1	52	98.63	0.15	1.22	0.00
Tawnaghmore - TP3	52	97.71	2.08	0.21	0.00	
Indaver	Indaver - IW1	16	90.94	4.55	4.51	0.00
Synergen	Dublin Bay - DB1	405	97.55	1.99	0.42	0.04
Tynagh Energy Ltd	Tynagh - TYC	384	96.19	0.22	0.02	3.57
Viridian	Huntstown - HN2	400	93.15	0.11	2.84	3.90
	Huntstown - HNC	342	93.00	0.11	2.93	3.96

Table 5: Unit-by-Unit 365 Day Rolling Availability Demand Side Units – January 2018 to January 2019

Unit-by-Unit 365 Day Rolling Availability – January 2019					
Company	Unit	Monthly Availability %	Monthly Forced %	Monthly Scheduled %	Monthly Ambient %
Activation Energy	Activation Energy 1 – AE1	30.56	58.76	10.68	0
	Activation Energy 2 – AE2	38.84	59.83	1.33	0
	Activation Energy 3 – AE3	55.63	41.21	3.16	0
	Activation Energy 4 – AE4	0	100	0	0
	Activation Energy 5 – AE5	55.01	2.95	42.04	0
DAE VPP	DAE VPP – DP1	71.36	0	28.64	0
	DAE VPP – DP2	25.3	0	74.7	0
Electricity Exchange Ltd	Electricity Exchange – EE1	56.49	1.96	41.55	0
	Electricity Exchange – EE2	51.89	2.96	45.15	0
	Electricity Exchange – EE3	38.36	4.91	56.73	0
	Electricity Exchange – EE4	68.14	3.15	28.71	0
	Electricity Exchange – EE5	51.5	4.8	43.7	0
Electric Ireland	Electric Ireland – EI1	78.33	0.04	21.63	0
Endeco	Endeco 1 – EC1	55.73	0	44.27	0
	Endeco 2 – EC2	36.72	0.04	63.24	0
	Endeco 5 – EC5	51.58	4.2	44.22	0
Energy Trading Ireland	Energy Trading – ET1	66.48	33.52	0	0
Powerhouse	Powerhouse – PG1	71.94	28.06	0	0
Viridian	Viridian Energy – VE1	54.76	0	45.24	0
	Viridian Energy – VE2	49.78	0.02	50.2	0

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

	Yearly Availability %	Yearly Forced %	Yearly Scheduled %	Yearly Ambient %
System Total Average Availability	78.26	12.75	8.11	0.88