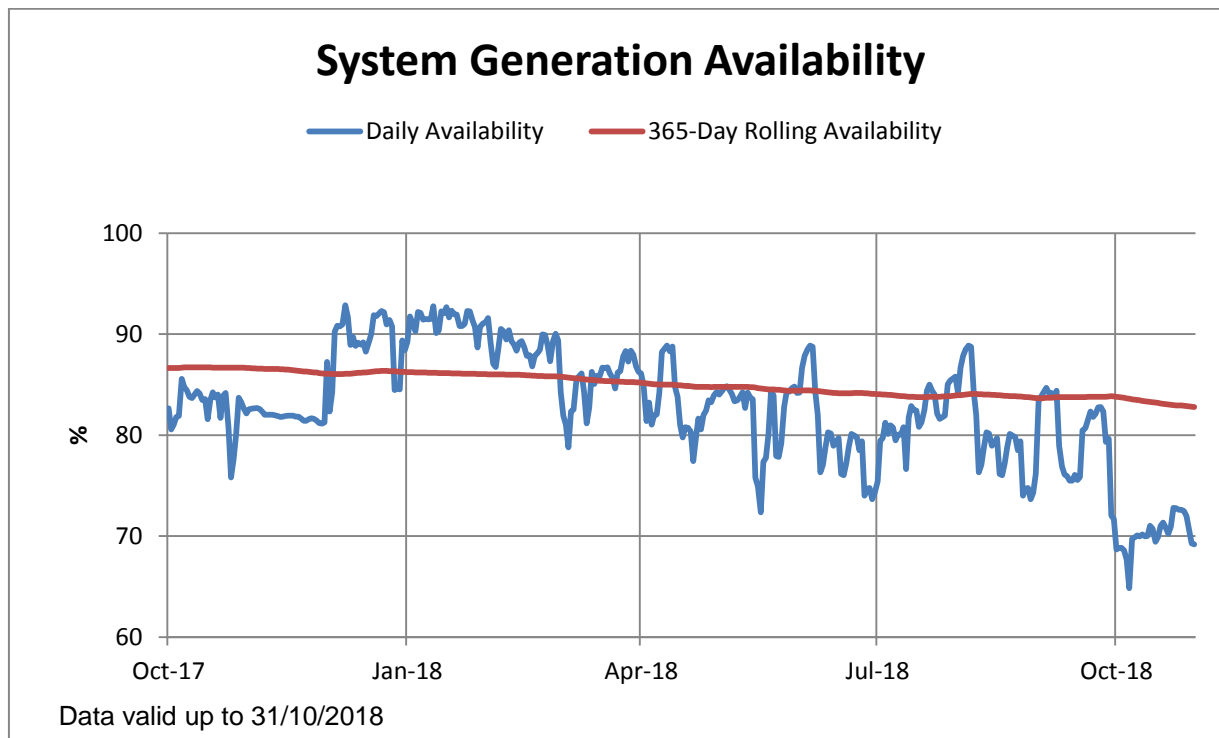


EirGrid Monthly Availability Report – October 2018

Availability report for October 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 – October 2018

Unit-by-Unit Average Monthly Availability – October 2018						
Company	Unit	Capacity	Monthly Availability %	Monthly Forced %	Monthly Scheduled %	Monthly Ambient %
Aughinish Alumina Ltd	Seal Rock - SK3	85	95.42	0.00	0.00	4.58
	Seal Rock - SK4	85	96.31	0.00	0.00	3.69
Bord Gáis	Whitegate - WG1	444	99.28	0.00	0.00	0.72
Dublin Waste to Energy	DWTE - DW1	61.5	99.27	0.73	0.00	0.00
ESB Energy Ireland	Aghada - AD1	258	0.00	0.00	100.00	0.00
	Aghada - AD2	431	98.93	0.20	0.00	0.87
	Aghada - AT1	90	95.29	0.14	4.57	0.00
	Aghada - AT2	90	95.43	0.00	4.57	0.00
	Aghada - AT4	90	75.25	8.77	15.98	0.00
	Ardnacrusha - AA1	21	98.68	0.00	1.32	0.00
	Ardnacrusha - AA2	22	100.00	0.00	0.00	0.00
	Ardnacrusha - AA3	19	85.33	11.06	3.61	0.00
	Ardnacrusha - AA4	24	100.00	0.00	0.00	0.00
	Erne - ER1	10	95.62	3.71	0.67	0.00
	Erne - ER2	10	96.02	2.91	1.07	0.00
	Erne - ER3	22	81.57	18.43	0.00	0.00
	Erne - ER4	22	100.00	0.00	0.00	0.00
	Lee - LE1	15	98.91	0.00	1.09	0.00
	Lee - LE2	4	98.91	0.00	1.09	0.00
	Lee - LE3	8	96.86	0.13	3.01	0.00
	Liffey - LI1	15	85.30	0.00	14.70	0.00
	Liffey - LI2	15	85.30	0.00	14.70	0.00
	Liffey - LI4	4	85.30	0.00	14.70	0.00
	Liffey - LI5	4	100.00	0.00	0.00	0.00
	Lough Ree - LR4	91	99.74	0.26	0.00	0.00
	Marina - MRC	123	0.00	100.00	0.00	0.00
	Moneypoint - MP1	285	0.00	0.00	100.00	0.00
	Moneypoint - MP2	285	0.00	100.00	0.00	0.00
	Moneypoint - MP3	285	0.00	0.00	100.00	0.00
	North Wall - NW5	104	57.16	0.00	42.84	0.00
	Poolbeg - PBA	231	100.00	0.00	0.00	0.00
	Poolbeg - PBB	231	91.12	8.88	0.00	0.00
	Turlough Hill - TH1	73	99.79	0.00	0.21	0.00
	Turlough Hill - TH2	73	99.15	0.85	0.00	0.00
	Turlough Hill - TH3	73	99.94	0.06	0.00	0.00
	Turlough Hill - TH4	73	99.15	0.48	0.37	0.00
	West Offaly - WO4	137	98.73	1.27	0.00	0.00
Edenderry Power Ltd	Edenderry - ED1	118	100.00	0.00	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	0.00	0.00	100.00	0.00
	Rhode - RP1	52	98.63	1.37	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	100.00	0.00	0.00	0.00
	Tarbert - TB4	243	94.02	5.98	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	99.21	0.79	0.00	0.00
Synergen	Dublin Bay - DB1	405	97.87	0.02	2.11	0.00
Tynagh Energy Ltd	Tynagh - TYC	384	97.25	0.00	0.00	2.75
Viridian	Huntstown - HN2	400	97.35	0.00	0.03	2.62
	Huntstown - HNC	342	96.45	0.00	0.00	3.55

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

Unit-by-Unit Average Monthly Availability – October 2018					
Company	Unit	Monthly Availability %	Monthly Forced %	Monthly Scheduled %	Monthly Ambient %
Activation Energy	Activation Energy 1 – AE1	33.35	55.31	11.34	0
	Activation Energy 2 – AE2	49.27	50.32	0.41	0
	Activation Energy 3 – AE3	66.35	33.65	0	0
	Activation Energy 4 – AE4	0	100	0	0
	Activation Energy 5 – AE5	52.12	8.3	39.58	0
DAE VPP	DAE VPP – DP1	79.23	0	20.77	0
	DAE VPP – DP2	25.03	0	74.97	0
Electricity Exchange Ltd	Electricity Exchange – EE1	62.33	0	37.67	0
	Electricity Exchange – EE2	45.36	0	54.64	0
	Electricity Exchange – EE3	36.66	0	63.34	0
	Electricity Exchange – EE4	72.97	0	27.03	0
	Electricity Exchange – EE5	47.54	0	52.46	0
Electric Ireland	Electric Ireland – EI1	92.73	0	7.27	0
Endeco	Endeco 1 – EC1	59.27	0	40.73	0
	Endeco 2 – EC2	54.02	0	45.98	0
	Endeco 5 – EC5	52.13	0.18	47.69	0
Energy Trading Ireland	Energy Trading – ET1	66.47	33.53	0	0
Powerhouse	Powerhouse – PG1	80.33	19.67	0	0
Viridian	Viridian Energy – VE1	61.16	0	38.84	0
	Viridian Energy – VE2	42.48	0	57.52	0

Table 3: System Total Average Monthly Availability – October 2018

	Monthly Availability %	Monthly Forced %	Monthly Scheduled %	Monthly Ambient %
System Total Average Availability	67.66	13.18	18.48	0.68

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

Unit-by-Unit 365 Day Rolling Availability – October 2018						
Company	Unit	Capacity	Monthly Availability %	Monthly Forced %	Monthly Scheduled %	Monthly Ambient %
Aughinish Alumina Ltd	Seal Rock - SK3	85	89.80	2.01	2.86	5.33
	Seal Rock - SK4	85	91.20	1.66	2.36	4.78
Bord Gáis	Whitegate - WG1	444	67.38	10.77	20.80	1.05
Dublin Waste to Energy	DWTE - DW1	61.5	83.82	12.06	4.12	0.00
ESB Energy Ireland	Aghada - AD1	258	90.51	1.25	8.24	0.00
	Aghada - AD2	431	96.44	0.25	2.12	1.19
	Aghada - AT1	90	98.55	0.01	1.43	0.01
	Aghada - AT2	90	97.89	0.04	2.06	0.01
	Aghada - AT4	90	92.07	0.72	7.20	0.01
	Ardnacrusha - AA1	21	63.75	0.43	35.82	0.00
	Ardnacrusha - AA2	22	68.71	4.88	26.41	0.00
	Ardnacrusha - AA3	19	67.58	4.26	28.16	0.00
	Ardnacrusha - AA4	24	57.98	12.95	29.07	0.00
	Erne - ER1	10	93.26	5.48	1.26	0.00
	Erne - ER2	10	91.43	4.76	3.81	0.00
	Erne - ER3	22	92.00	6.82	1.18	0.00
	Erne - ER4	22	98.61	0.26	1.13	0.00
	Lee - LE1	15	98.53	0.04	1.43	0.00
	Lee - LE2	4	73.78	25.76	0.46	0.00
	Lee - LE3	8	93.51	0.03	6.46	0.00
	Liffey - LI1	15	92.79	0.06	7.15	0.00
	Liffey - LI2	15	92.85	0.00	7.15	0.00
	Liffey - LI4	4	85.95	6.90	7.15	0.00
	Liffey - LI5	4	93.89	0.01	6.10	0.00
	Lough Ree - LR4	91	81.64	8.77	9.59	0.00
	Marina - MRC	123	84.66	14.43	0.34	0.57
	Moneypoint - MP1	285	73.06	1.66	25.28	0.00
	Moneypoint - MP2	285	85.66	13.70	0.64	0.00
	Moneypoint - MP3	285	41.79	3.41	54.80	0.00
	North Wall - NW5	104	89.10	7.02	3.82	0.06
	Poolbeg - PBA	231	74.57	16.97	8.46	0.00
	Poolbeg - PBB	231	85.78	9.20	5.02	0.00
	Turlough Hill - TH1	73	95.57	1.60	2.83	0.00
	Turlough Hill - TH2	73	95.72	2.98	1.30	0.00
	Turlough Hill - TH3	73	94.80	2.24	2.96	0.00
Turlough Hill - TH4	73	91.67	6.10	2.23	0.00	
West Offaly - WO4	137	69.95	9.82	20.23	0.00	
Edenderry Power Ltd	Edenderry - ED1	118	87.50	2.58	9.92	0.00
	Edenderry - ED3	58	99.88	0.00	0.12	0.00
	Edenderry - ED5	58	99.49	0.39	0.12	0.00
SSE Generation Ireland	Great Island - GI4	461	87.97	1.30	9.73	1.00
	Rhode - RP1	52	97.10	2.90	0.00	0.00
	Rhode - RP2	52	97.94	2.06	0.00	0.00
	Tarbert - TB1	54	99.70	0.30	0.00	0.00
	Tarbert - TB2	54	99.16	0.84	0.00	0.00
	Tarbert - TB3	241	99.95	0.01	0.04	0.00
	Tarbert - TB4	243	94.19	2.09	3.72	0.00
	Tawnaghmore - TP1	52	98.69	0.09	1.22	0.00
Tawnaghmore - TP3	52	97.90	1.89	0.21	0.00	
Indaver	Indaver - IW1	16	88.21	7.28	4.51	0.00
Synergen	Dublin Bay - DB1	405	89.91	8.29	1.76	0.04
Tynagh Energy Ltd	Tynagh - TYC	384	93.97	0.19	2.42	3.42
Viridian	Huntstown - HN2	400	96.17	0.23	0.02	3.58
	Huntstown - HNC	342	93.21	0.09	2.93	3.77

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

Unit-by-Unit 365 Day Rolling Availability – October 2018					
Company	Unit	Monthly Availability %	Monthly Forced %	Monthly Scheduled %	Monthly Ambient %
Activation Energy	Activation Energy 1 – AE1	32.1	55.9	12	0
	Activation Energy 2 – AE2	36	62.73	1.27	0
	Activation Energy 3 – AE3	61.41	33.15	5.44	0
	Activation Energy 4 – AE4	0	100	0	0
	Activation Energy 5 – AE5	55.33	8.61	36.06	0
DAE VPP	DAE VPP – DP1	78.76	0	21.24	0
	DAE VPP – DP2	33.39	0	66.61	0
Electricity Exchange Ltd	Electricity Exchange – EE1	56.28	6.67	37.05	0
	Electricity Exchange – EE2	62.21	6.64	31.15	0
	Electricity Exchange – EE3	39.86	14.91	45.23	0
	Electricity Exchange – EE4	60.95	9.06	29.99	0
	Electricity Exchange – EE5	51.39	11.71	36.9	0
Electric Ireland	Electric Ireland – EI1	78.15	0.22	21.63	0
Endeco	Endeco 1 – EC1	58.39	0.02	41.59	0
	Endeco 2 – EC2	42.07	0.19	57.74	0
	Endeco 5 – EC5	41.81	24.65	33.54	0
Energy Trading Ireland	Energy Trading – ET1	72.74	27.26	0	0
Powerhouse	Powerhouse – PG1	75.68	24.32	0	0
Viridian	Viridian Energy – VE1	56.87	0	43.13	0
	Viridian Energy – VE2	48.3	0.02	51.68	0

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

	Yearly Availability %	Yearly Forced %	Yearly Scheduled %	Yearly Ambient %
System Total Average Availability	70.17	9.38	19.81	0.64