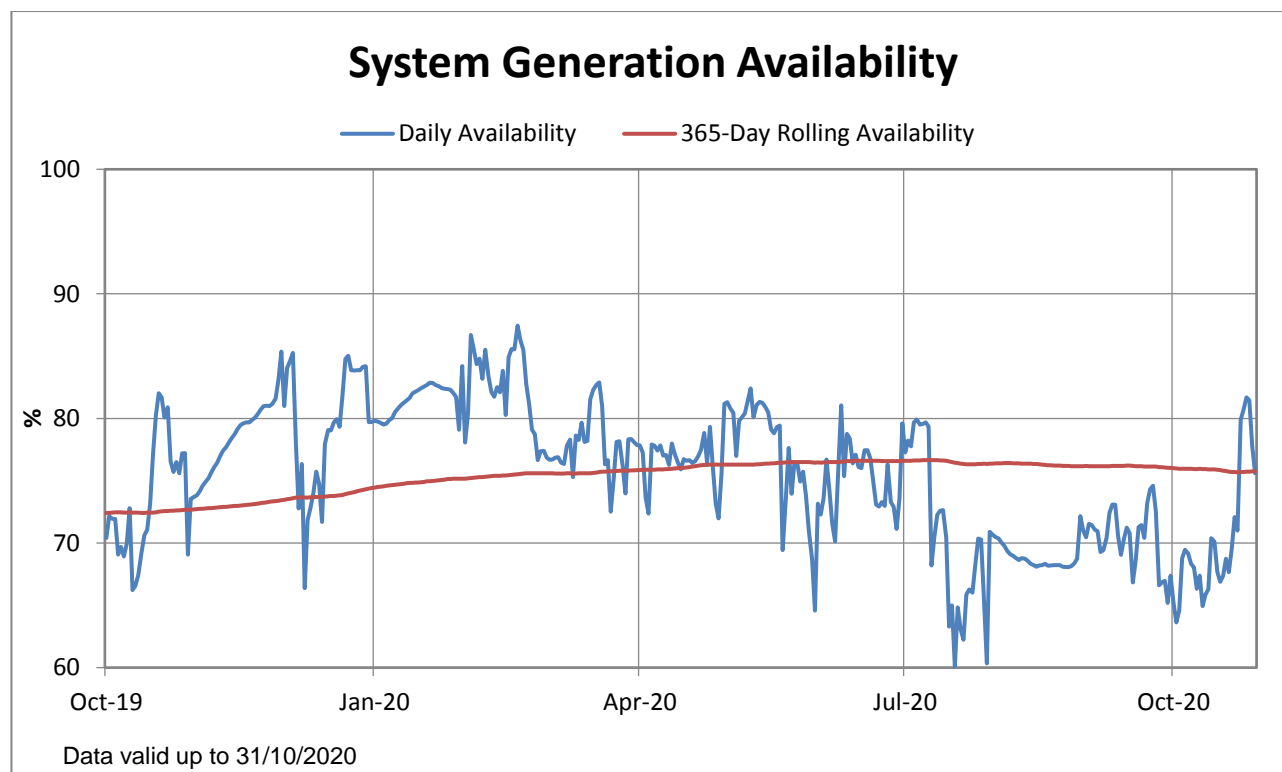


EirGrid Monthly Availability Report – October2020

Availability report for October2020¹



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 – October2020

Unit-by-Unit Average Monthly Availability – October2020						
Company	Unit	Capacity	Monthly Availability %	Monthly Forced %	Monthly Scheduled %	Monthly Ambient %
Aughinish Alumina Ltd	Seal Rock - SK3	85	93.77	0.00	0.00	6.23
	Seal Rock - SK4	85	95.18	1.08	0.00	3.74
Bord Gáis	Whitegate - WG1	444	97.27	0.23	0.00	2.50
Dublin Waste to Energy	DWTE - DW1	61.5	56.77	0.71	42.52	0.00
ESB Energy Ireland	Aghada - AD2	431	97.35	2.65	0.00	0.00
	Aghada - AT1	90	92.81	7.19	0.00	0.00
	Aghada - AT2	90	96.85	3.15	0.00	0.00
	Aghada - AT4	90	69.05	18.48	12.47	0.00
	Ardnacrusha - AA1	21	100.00	0.00	0.00	0.00
	Ardnacrusha - AA2	22	99.88	0.12	0.00	0.00
	Ardnacrusha - AA3	19	100.00	0.00	0.00	0.00
	Ardnacrusha - AA4	24	51.25	18.12	30.63	0.00
	Erne - ER1	10	92.67	7.27	0.06	0.00
	Erne - ER2	10	93.21	0.11	6.68	0.00
	Erne - ER3	22	98.62	0.31	1.07	0.00
	Erne - ER4	22	85.71	0.00	14.29	0.00
	Lee - LE1	15	100.00	0.00	0.00	0.00
	Lee - LE2	4	97.86	1.37	0.77	0.00
	Lee - LE3	8	0.00	100.00	0.00	0.00
	Liffey - LI1	15	100.00	0.00	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	99.40	0.60	0.00	0.00
	Lough Ree - LR4	91	45.12	54.88	0.00	0.00
	Moneypoint - MP1	285	85.94	14.06	0.00	0.00
	Moneypoint - MP2	285	72.33	27.67	0.00	0.00
	Moneypoint - MP3	285	21.70	78.30	0.00	0.00
	North Wall - NW5	104	0.00	0.00	100.00	0.00
	Poolbeg - PBA	231	41.47	13.01	45.26	0.26
	Poolbeg - PBB	231	63.32	16.29	20.39	0.00
	Turlough Hill - TH1	73	93.42	4.30	2.28	0.00
Turlough Hill - TH2	73	95.41	2.31	2.28	0.00	
Turlough Hill - TH3	73	95.41	2.31	2.28	0.00	
Turlough Hill - TH4	73	95.41	2.31	2.28	0.00	
West Offaly - WO4	137	89.66	9.81	0.53	0.00	
Edenderry Power Ltd	Edenderry - ED1	118	99.72	0.28	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	17.83	0.00	81.90	0.27
	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	99.02	0.98	0.00	0.00
	Tarbert - TB3	241	72.43	13.68	13.89	0.00
	Tarbert - TB4	243	99.72	0.28	0.00	0.00
	Tawnaghmore - TP1	52	99.98	0.02	0.00	0.00
Tawnaghmore - TP3	52	99.98	0.02	0.00	0.00	
Indaver	Indaver - IW1	16	95.87	4.13	0.00	0.00
Synergen	Dublin Bay - DB1	405	99.25	0.72	0.00	0.03
Tynagh Energy Ltd	Tynagh - TYC	384	85.91	10.99	0.00	3.10
Viridian	Huntstown - HN2	400	95.77	0.00	0.00	4.23
	Huntstown - HNC	342	25.76	0.00	74.24	0.00

Table 2: Unit-by-Unit Average Monthly Availability Demand Side Units – October2020

Unit-by-Unit Average Monthly Availability – October2020					
Company	Unit	Monthly Availability %	Monthly Forced %	Monthly Scheduled %	Monthly Ambient %
Activation Energy	Activation Energy 1 – AE1	19.19	74.84	5.97	0
	Activation Energy 2 – AE2	22.76	75.52	1.72	0
	Activation Energy 3 – AE3	64.31	35.67	0.02	0
	Activation Energy 4 – AE4	5.3	94.7	0	0
	Activation Energy 5 – AE5	56.12	43.88	0	0
	Enernoc 1 - EN1	0	100	0	0
	Enernoc 2 - EN2	61.34	38.66	0	0
	Enernoc 3-EN3	0	100	0	0
	Enernoc 4-EN4	65.82	34.18	0	0
	Enernoc 5-EN5	16.67	83.33	0	0
Enernoc 6-EN6	43.68	43.88	12.44	0	
DAE VPP	DAE VPP – DP1	66.31	0	33.69	0
	DAE VPP – DP2	35.59	0	64.41	0
Electricity Exchange Ltd	Electricity Exchange – EE1	42.24	0	57.76	0
	Electricity Exchange – EE2	28.52	0	71.48	0
	Electricity Exchange – EE3	23.84	0	76.16	0
	Electricity Exchange – EE4	11.74	0	88.26	0
	Electricity Exchange – EE5	32.34	0	67.66	0
	Electricity Exchange – EE6	55.11	0	44.89	0
Electric Ireland	Electric Ireland – EI1	63.2	0	36.8	0
Endeco	Endeco 1 – EC1	39.04	0.04	60.92	0
	Endeco 2 – EC2	16.27	0	83.73	0
	Endeco 5 – EC5	51.08	0.03	48.89	0
Energy Trading Ireland	Energy Trading – ET1	0	100	0	0
Powerhouse	Powerhouse – PG1	24.12	75.88	0	0
Viridian	Viridian Energy – VE1	13.77	0	86.23	0
	Viridian Energy – VE2	1.61	0	98.39	0

Table 3: System Total Average Monthly Availability – October2020

	Monthly Availability %	Monthly Forced %	Monthly Scheduled %	Monthly Ambient %
System Total Average Availability	69.98	13.26	16.07	0.69

Table 4: Unit-by-Unit 365 Day Rolling Availability Conventional Units – October2019 to October2020

Unit-by-Unit 365 Day Rolling Availability – October2020						
Company	Unit	Capacity	Annual Availability %	Annual Forced %	Annual Scheduled %	Annual Ambient %
Aughinish Alumina Ltd	Seal Rock - SK3	85	89.86	1.49	3.14	5.51
	Seal Rock - SK4	85	91.22	3.24	1.62	3.92
Bord Gáis	Whitegate - WG1	444	90.32	5.42	2.06	2.20
Dublin Waste to Energy	DWTE - DW1	61.5	89.54	4.51	5.95	0.00
ESB Energy Ireland	Aghada - AD2	431	89.89	7.78	2.30	0.03
	Aghada - AT1	90	95.19	3.90	0.91	0.00
	Aghada - AT2	90	96.52	1.89	1.59	0.00
	Aghada - AT4	90	96.66	1.61	1.73	0.00
	Ardnacrusha - AA1	21	90.74	1.09	8.17	0.00
	Ardnacrusha - AA2	22	98.48	0.06	1.46	0.00
	Ardnacrusha - AA3	19	95.48	3.08	1.44	0.00
	Ardnacrusha - AA4	24	73.55	15.49	10.96	0.00
	Erne - ER1	10	94.94	1.98	3.08	0.00
	Erne - ER2	10	97.35	0.28	2.37	0.00
	Erne - ER3	22	97.87	0.85	1.28	0.00
	Erne - ER4	22	97.38	0.23	2.39	0.00
	Lee - LE1	15	95.81	0.20	3.99	0.00
	Lee - LE2	4	69.89	26.25	3.86	0.00
	Lee - LE3	8	66.10	26.16	7.74	0.00
	Liffey - LI1	15	98.73	0.80	0.47	0.00
	Liffey - LI2	15	93.58	5.94	0.48	0.00
	Liffey - LI4	4	90.49	9.15	0.36	0.00
	Liffey - LI5	4	90.31	1.25	8.44	0.00
	Lough Ree - LR4	91	44.58	55.42	0.00	0.00
	Moneypoint - MP1	285	75.98	23.93	0.09	0.00
	Moneypoint - MP2	285	65.30	34.65	0.05	0.00
	Moneypoint - MP3	285	1.85	98.15	0.00	0.00
	North Wall - NW5	104	0.00	0.00	100.00	0.00
	Poolbeg - PBA	231	81.73	1.43	16.82	0.02
	Poolbeg - PBB	231	89.27	4.59	6.13	0.01
	Turlough Hill - TH1	73	91.83	6.84	1.33	0.00
Turlough Hill - TH2	73	93.35	4.80	1.85	0.00	
Turlough Hill - TH3	73	96.88	0.98	2.14	0.00	
Turlough Hill - TH4	73	97.58	0.53	1.89	0.00	
West Offaly - WO4	137	52.80	47.15	0.05	0.00	
Edenderry Power Ltd	Edenderry - ED1	118	84.27	1.65	14.08	0.00
	Edenderry - ED3	58	99.88	0.12	0.00	0.00
	Edenderry - ED5	58	99.32	0.68	0.00	0.00
SSE Generation Ireland	Great Island - GI4	461	87.97	3.07	7.79	1.17
	Rhode - RP1	52	98.81	1.19	0.00	0.00
	Rhode - RP2	52	87.81	12.19	0.00	0.00
	Tarbert - TB1	54	98.36	1.64	0.00	0.00
	Tarbert - TB2	54	92.93	7.07	0.00	0.00
	Tarbert - TB3	241	85.96	10.30	3.74	0.00
	Tarbert - TB4	243	86.26	9.16	4.58	0.00
	Tawnaghmore - TP1	52	99.38	0.03	0.59	0.00
Tawnaghmore - TP3	52	99.86	0.14	0.00	0.00	
Indaver	Indaver - IW1	16	90.11	9.89	0.00	0.00
Synergen	Dublin Bay - DB1	405	96.55	3.38	0.00	0.07
Tynagh Energy Ltd	Tynagh - TYC	384	77.50	9.08	10.18	3.24
Viridian	Huntstown - HN2	400	94.98	1.75	0.00	3.27
	Huntstown - HNC	342	87.29	1.17	7.47	4.07

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 – October2019 to October2020

Unit-by-Unit 365 Day Rolling Availability – October2020					
Company	Unit	Annual Availability %	Annual Forced %	Annual Scheduled %	Annual Ambient %
Activation Energy	Activation Energy 1 – AE1	27.27	68.29	4.44	0
	Activation Energy 2 – AE2	18.16	74.67	7.17	0
	Activation Energy 3 – AE3	42.53	57.47	0	0
	Activation Energy 4 – AE4	22.63	77.34	0.03	0
	Activation Energy 5 – AE5	54.93	45.05	0.02	0
	Enernoc 1-EN1	18.82	81.18	0	0
	Enernoc 2-EN2	20.61	79.39	0	0
	Enernoc3-EN3	35.24	62.82	1.94	0
	Enernoc 4-EN4	48.31	51.63	0.06	0
	Enernoc 5-EN5	30.79	66.94	2.27	0
	Enernoc 6-EN6	40.46	37.71	21.83	0
DAE VPP	DAE VPP – DP1	66.13	0	33.87	0
	DAE VPP – DP2	11.64	0	88.36	0
Electricity Exchange Ltd	Electricity Exchange – EE1	49.14	0.02	50.84	0
	Electricity Exchange – EE2	26.7	0.02	73.28	0
	Electricity Exchange – EE3	22.27	0	77.73	0
	Electricity Exchange – EE4	11.49	0.01	88.5	0
	Electricity Exchange – EE5	60.72	0.02	39.26	0
	Electricity Exchange – EE6	60.72	0.02	39.26	0
Electric Ireland	Electric Ireland – EI1	54.78	0	45.22	0
Endeco	Endeco 1 – EC1	56.87	0.2	42.93	0
	Endeco 2 – EC2	39.56	0.06	60.38	0
	Endeco 5 – EC5	12.27	0	87.73	0
Energy Trading Ireland	Energy Trading – ET1	43.66	0.05	56.29	0
Powerhouse	Powerhouse – PG1	0	100	0	0
Viridian	Viridian Energy – VE1	30.99	69.01	0	0
	Viridian Energy – VE2	17.88	0.02	82.1	0

Table 6: 365 Day Rolling System Total Average Availability – October2019 to October2020

	Annual Availability %	Annual Forced %	Annual Scheduled %	Annual Ambient %
System Total Average Availability	75.96	15.76	7.41	0.87