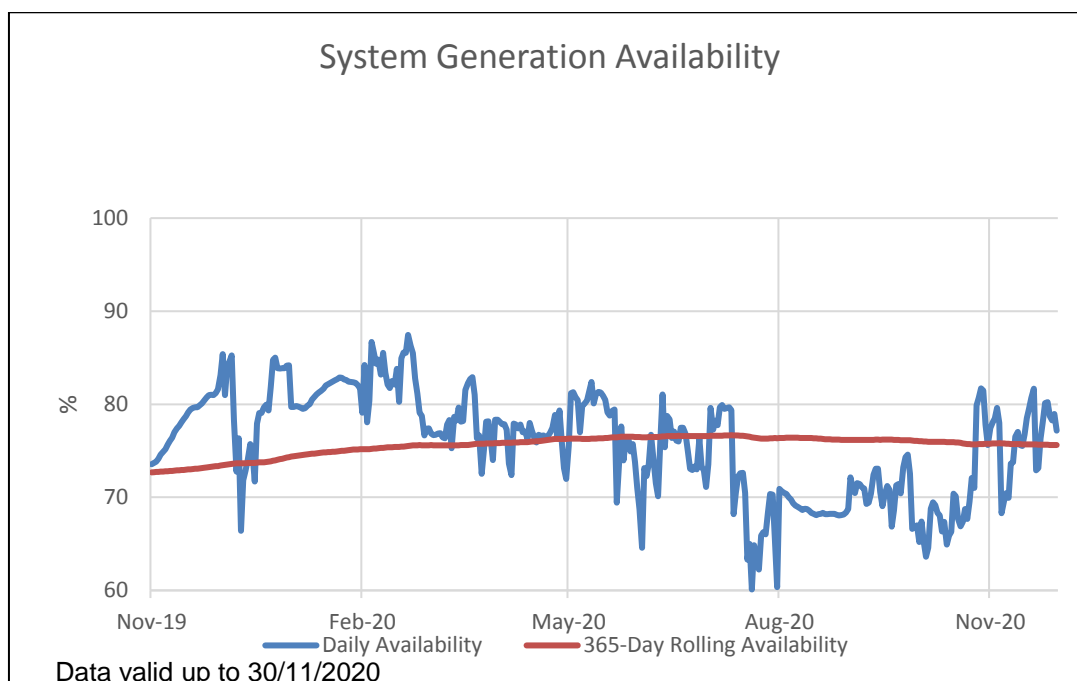


EirGrid Monthly Availability Report – November 2020

Availability report for November 2020¹



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 – November 2020

Unit-by-Unit Average Monthly Availability – November2020						
Company	Unit	Capacity	Monthly Availability %	Monthly Forced %	Monthly Scheduled %	Monthly Ambient %
Aughinish Alumina Ltd	Seal Rock - SK3	85	73.97	10.03	11.67	4.33
	Seal Rock - SK4	85	96.68	0.00	0.00	3.32
Bord Gáis	Whitegate - WG1	444	98.14	0.36	0.00	1.50
Dublin Waste to Energy	DWTE - DW1	61.5	97.55	2.45	0.00	0.00
ESB Energy Ireland	Aghada - AD2	431	79.14	20.86	0.00	0.00
	Aghada - AT1	90	99.94	0.06	0.00	0.00
	Aghada - AT2	90	100.00	0.00	0.00	0.00
	Aghada - AT4	90	59.44	40.56	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	99.31	0.12	0.57	0.00
	Erne - ER1	10	98.99	0.00	1.01	0.00
	Erne - ER2	10	98.99	0.00	1.01	0.00
	Erne - ER3	22	97.06	2.56	0.38	0.00
	Erne - ER4	22	99.62	0.00	0.38	0.00
	Lee - LE1	15	99.94	0.06	0.00	0.00
	Lee - LE2	4	100.00	0.00	0.00	0.00
	Lee - LE3	8	72.27	27.73	0.00	0.00
	Liffey - LI1	15	55.62	44.38	0.00	0.00
	Liffey - LI2	15	89.65	10.35	0.00	0.00
	Liffey - LI4	4	89.58	10.35	0.07	0.00
	Liffey - LI5	4	96.66	3.34	0.00	0.00
	Lough Ree - LR4	91	99.54	0.46	0.00	0.00
	Moneypoint - MP1	285	52.22	14.17	33.61	0.00
	Moneypoint - MP2	285	71.98	28.02	0.00	0.00
	Moneypoint - MP3	285	94.12	5.88	0.00	0.00
	North Wall - NW5	104	0.00	0.00	100.00	0.00
	Poolbeg - PBA	231	99.57	0.22	0.21	0.00
	Poolbeg - PBB	231	93.15	6.85	0.00	0.00
	Turlough Hill - TH1	73	56.94	16.53	26.53	0.00
	Turlough Hill - TH2	73	56.47	16.53	27.00	0.00
	Turlough Hill - TH3	73	77.74	0.31	21.95	0.00
	Turlough Hill - TH4	73	78.05	0.00	21.95	0.00
West Offaly - WO4	137	91.24	8.76	0.00	0.00	
Edenderry Power Ltd	Edenderry - ED1	118	99.90	0.10	0.00	0.00
	Edenderry - ED3	58	98.54	0.00	1.46	0.00
	Edenderry - ED5	58	98.25	0.00	1.75	0.00
SSE Generation Ireland	Great Island - GI4	461	93.96	0.00	5.28	0.76
	Rhode - RP1	52	98.89	1.11	0.00	0.00
	Rhode - RP2	52	99.96	0.04	0.00	0.00
	Tarbert - TB1	54	99.91	0.09	0.00	0.00
	Tarbert - TB2	54	100.00	0.00	0.00	0.00
	Tarbert - TB3	241	94.10	5.90	0.00	0.00
	Tarbert - TB4	243	90.01	9.99	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	2.84	0.68	96.48	0.00
Synergen	Dublin Bay - DB1	405	83.49	5.26	11.25	0.00
Tynagh Energy Ltd	Tynagh - TYC	384	97.39	0.00	0.00	2.61
Viridian	Huntstown - HN2	400	97.12	0.00	0.19	2.69
	Huntstown - HNC	342	3.05	0.03	96.92	0.00

Table 2: Unit-by-Unit Average Monthly Availability Demand Side Units – November 2020

Unit-by-Unit Average Monthly Availability – November2020					
Company	Unit	Monthly Availability %	Monthly Forced %	Monthly Scheduled %	Monthly Ambient %
Activation Energy	Activation Energy 1 – AE1	19.84	76.04	4.12	0
	Activation Energy 2 – AE2	21.42	54.34	24.24	0
	Activation Energy 3 – AE3	55.52	44.48	0	0
	Activation Energy 4 – AE4	0	100	0	0
	Activation Energy 5 – AE5	56.08	43.89	0.03	0
	Enernoc 1 - EN1	0	100	0	0
	Enernoc 2 - EN2	0	100	0	0
	Enernoc 3-EN3	0	100	0	0
	Enernoc 4-EN4	0	100	0	0
	Enernoc 5-EN5	16.67	83.33	0	0
	Enernoc 6-EN6	41.36	48.29	10.35	0
	Enernoc 8-EN8	57.38	36.19	6.43	0
Enernoc 9-EN9	89.22	10.78	0	0	
DAE VPP	DAE VPP – DP1	55.61	0	44.39	0
	DAE VPP – DP2	24.88	10.24	64.88	0
Electricity Exchange Ltd	Electricity Exchange – EE1	40.61	0	59.39	0
	Electricity Exchange – EE2	30.86	0	69.14	0
	Electricity Exchange – EE3	20.5	0	79.5	0
	Electricity Exchange – EE4	13.31	0	86.69	0
	Electricity Exchange – EE5	35.52	0	64.48	0
	Electricity Exchange – EE6	62.79	0	37.21	0
	Electricity Exchange – EE7	31.11	0	68.89	0
Electric Ireland	Electric Ireland – EI1	66.91	0	33.09	0
Endeco	Endeco 1 – EC1	37.74	0	62.26	0
	Endeco 2 – EC2	23.54	0.63	75.83	0
	Endeco 5 – EC5	47.01	0	52.99	0
Energy Trading Ireland	Energy Trading – ET1	0	100	0	0
Powerhouse	Powerhouse – PG1	24.76	75.24	0	0
Viridian	Viridian Energy – VE1	10.35	0	89.65	0
	Viridian Energy – VE2	7.14	0	92.86	0

Table 3: System Total Average Monthly Availability – November 2020

	Monthly Availability %	Monthly Forced %	Monthly Scheduled %	Monthly Ambient %
System Total Average Availability	76.44	10.67	12.38	0.51

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 4: Unit-by-Unit 365 Day Rolling Availability Conventional Units – November 2019 to November 2020

Unit-by-Unit 365 Day Rolling Availability – November2020						
Company	Unit	Capacity	Annual Availability %	Annual Forced %	Annual Scheduled %	Annual Ambient %
Aughinish Alumina Ltd	Seal Rock - SK3	85	88.25	2.31	4.10	5.34
	Seal Rock - SK4	85	91.35	3.24	1.62	3.79
Bord Gáis	Whitegate - WG1	444	90.45	5.37	2.06	2.12
Dublin Waste to Energy	DWTE - DW1	61.5	89.66	4.66	5.68	0.00
ESB Energy Ireland	Aghada - AD2	431	89.20	9.15	1.63	0.02
	Aghada - AT1	90	95.18	3.91	0.91	0.00
	Aghada - AT2	90	96.52	1.89	1.59	0.00
	Aghada - AT4	90	93.33	4.94	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	95.49	3.07	1.44	0.00
	Ardnacrusha - AA4	24	74.61	15.33	10.06	0.00
	Erne - ER1	10	94.85	1.98	3.17	0.00
	Erne - ER2	10	97.27	0.28	2.45	0.00
	Erne - ER3	22	97.63	1.06	1.31	0.00
	Erne - ER4	22	97.35	0.23	2.42	0.00
	Lee - LE1	15	95.80	0.21	3.99	0.00
	Lee - LE2	4	69.89	26.25	3.86	0.00
	Lee - LE3	8	63.82	28.44	7.74	0.00
	Liffey - LI1	15	95.08	4.45	0.47	0.00
	Liffey - LI2	15	93.29	6.23	0.48	0.00
	Liffey - LI4	4	89.64	10.00	0.36	0.00
	Liffey - LI5	4	90.05	1.51	8.44	0.00
	Lough Ree - LR4	91	44.64	55.36	0.00	0.00
	Moneypoint - MP1	285	73.76	23.39	2.85	0.00
	Moneypoint - MP2	285	63.00	36.95	0.05	0.00
	Moneypoint - MP3	285	9.58	90.42	0.00	0.00
	North Wall - NW5	104	0.00	0.00	100.00	0.00
	Poolbeg - PBA	231	81.91	1.24	16.83	0.02
	Poolbeg - PBB	231	88.88	4.98	6.13	0.01
	Turlough Hill - TH1	73	88.30	8.19	3.51	0.00
Turlough Hill - TH2	73	89.77	6.16	4.07	0.00	
Turlough Hill - TH3	73	95.05	1.01	3.94	0.00	
Turlough Hill - TH4	73	95.80	0.51	3.69	0.00	
West Offaly - WO4	137	52.30	47.65	0.05	0.00	
Edenderry Power Ltd	Edenderry - ED1	118	84.57	1.35	14.08	0.00
	Edenderry - ED3	58	99.76	0.12	0.12	0.00
	Edenderry - ED5	58	99.18	0.68	0.14	0.00
SSE Generation Ireland	Great Island - GI4	461	88.26	2.37	8.22	1.15
	Rhode - RP1	52	98.72	1.28	0.00	0.00
	Rhode - RP2	52	87.85	12.15	0.00	0.00
	Tarbert - TB1	54	98.77	1.23	0.00	0.00
	Tarbert - TB2	54	94.07	5.93	0.00	0.00
	Tarbert - TB3	241	85.48	10.78	3.74	0.00
	Tarbert - TB4	243	87.31	8.76	3.93	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	82.33	9.74	7.93	0.00
Synergen	Dublin Bay - DB1	405	95.37	3.64	0.92	0.07
Tynagh Energy Ltd	Tynagh - TYC	384	78.55	8.05	10.18	3.22
Viridian	Huntstown - HN2	400	95.97	0.67	0.02	3.34
	Huntstown - HNC	342	79.63	1.17	15.44	3.76

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 – November 2019 to November 2020

Unit-by-Unit 365 Day Rolling Availability – November 2020					
Company	Unit	Annual Availability %	Annual Forced %	Annual Scheduled %	Annual Ambient %
Activation Energy	Activation Energy 1 – AE1	26	69.28	4.72	0
	Activation Energy 2 – AE2	18.72	72.14	9.14	0
	Activation Energy 3 – AE3	43.36	56.64	0	0
	Activation Energy 4 – AE4	20.5	79.47	0.03	0
	Activation Energy 5 – AE5	54.92	45.05	0.03	0
	Enernoc 1-EN1	17.03	82.97	0	0
	Enernoc 2-EN2	19.35	80.65	0	0
	Enernoc3-EN3	33.12	64.94	1.94	0
	Enernoc 4-EN4	46.18	53.76	0.06	0
	Enernoc 5-EN5	28.09	70.05	1.86	0
	Enernoc 6-EN6	39.47	38.71	21.82	0
	Enernoc 8-EN8	23.59	74.44	1.97	0
	Enernoc 9-EN9	29.83	70.09	0.08	0
DAE VPP	DAE VPP – DP1	65.89	0	34.11	0
	DAE VPP – DP2	13.69	0.84	85.47	0
Electricity Exchange Ltd	Electricity Exchange – EE1	47.96	0.02	52.02	0
	Electricity Exchange – EE2	26.7	0.02	73.28	0
	Electricity Exchange – EE3	21.55	0	78.45	0
	Electricity Exchange – EE4	11.06	0.01	88.93	0
	Electricity Exchange – EE5	56.04	0.02	43.94	0
	Electricity Exchange – EE6	54.22	0	45.78	0
	Electricity Exchange – EE7	23.53	52.39	24.08	0
Electric Ireland	Electric Ireland – EI1	57.32	0.2	42.48	0
Endeco	Endeco 1 – EC1	39.23	0.06	60.71	0
	Endeco 2 – EC2	13.52	0.05	86.43	0
	Endeco 5 – EC5	43.41	0.05	56.54	0
Energy Trading Ireland	Energy Trading – ET1	0	100	0	0
Powerhouse	Powerhouse – PG1	29.18	70.82	0	0
Viridian	Viridian Energy – VE1	17.37	0.03	82.6	0
	Viridian Energy – VE2	0.72	0	99.28	0

Table 6: 365 Day Rolling System Total Average Availability – November 2019 to November 2020

	Annual Availability %	Annual Forced %	Annual Scheduled %	Annual Ambient %
System Total Average Availability	75.53	15.59	8.03	0.85

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.