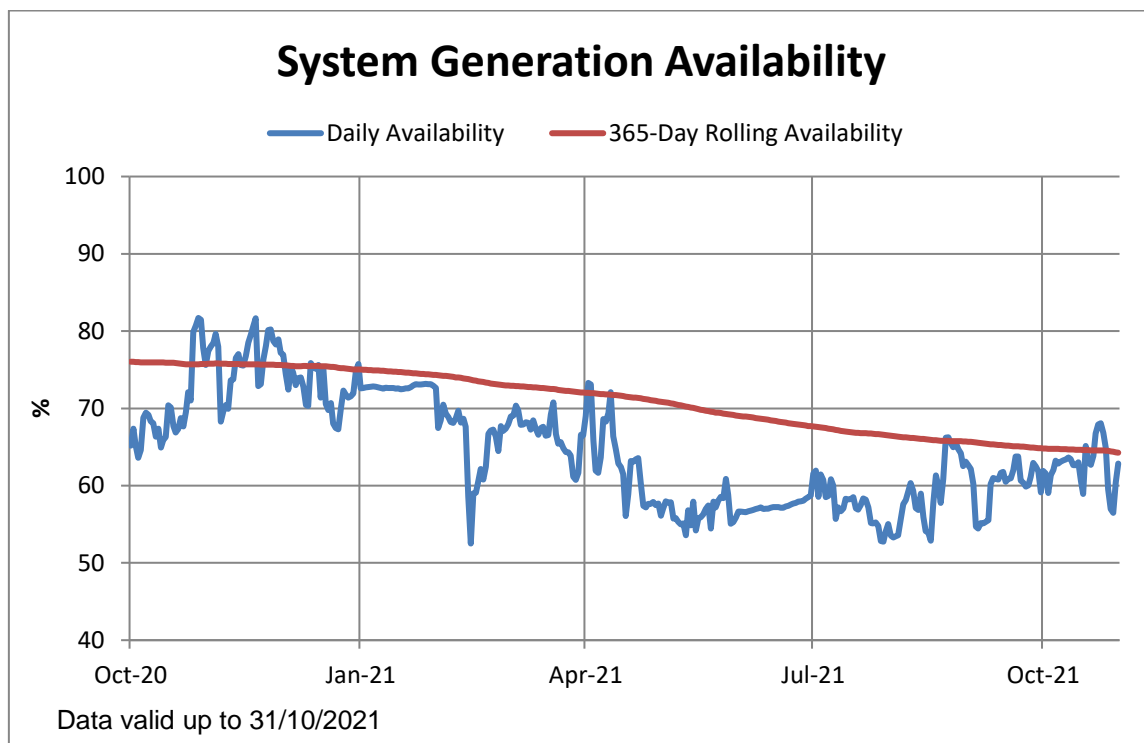


EirGrid Monthly Availability Report – October 2021

Availability report for October 2021¹



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 – October 2021

Unit-by-Unit Average Monthly Availability – October 2021						
Company	Unit	Capacity	Monthly Availability %	Monthly Forced %	Monthly Scheduled %	Monthly Ambient %
Aughinish Alumina Ltd	Seal Rock - SK3	85	90.69	0.00	0.00	9.31
	Seal Rock - SK4	85	92.80	0.00	0.00	7.20
Bord Gáis	Whitegate - WG1	444	0.00	100.00	0.00	0.00
Dublin Waste to Energy	DWTE - DW1	61.5	98.47	1.53	0.00	0.00
ESB Energy Ireland	Aghada - AD2	431	96.76	2.73	0.00	0.51
	Aghada - AT1	90	93.54	6.46	0.00	0.00
	Aghada - AT2	90	99.98	0.00	0.00	0.02
	Aghada - AT4	90	100.00	0.00	0.00	0.00
	Ardnacrusha - AA1	21	85.89	14.11	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	19.06	75.00	5.94	0.00
	Erne - ER1	10	99.46	0.33	0.21	0.00
	Erne - ER2	10	99.34	0.45	0.21	0.00
	Erne - ER3	22	100.00	0.00	0.00	0.00
	Erne - ER4	22	100.00	0.00	0.00	0.00
	Lee - LE1	15	86.85	13.15	0.00	0.00
	Lee - LE2	4	95.00	1.06	3.94	0.00
	Lee - LE3	8	98.78	1.08	0.14	0.00
	Liffey - LI1	15	0.00	100.00	0.00	0.00
	Liffey - LI2	15	0.00	100.00	0.00	0.00
	Liffey - LI4	4	0.00	100.00	0.00	0.00
	Liffey - LI5	4	0.00	100.00	0.00	0.00
	Moneypoint - MP1	285	42.54	2.66	54.80	0.00
	Moneypoint - MP2	285	43.35	56.65	0.00	0.00
	Moneypoint - MP3	285	92.40	7.60	0.00	0.00
	Poolbeg - PBA	231	64.56	15.56	19.88	0.00
	Poolbeg - PBB	231	0.00	0.00	100.00	0.00
	Turlough Hill - TH1	73	99.33	0.00	0.67	0.00
	Turlough Hill - TH2	73	99.41	0.00	0.59	0.00
Turlough Hill - TH3	73	99.33	0.00	0.67	0.00	
Turlough Hill - TH4	73	99.50	0.00	0.50	0.00	
Edenderry Power Ltd	Edenderry - ED1	118	68.98	31.02	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	89.16	8.18	0.00	2.66
	Rhode - RP1	52	97.21	2.79	0.00	0.00
	Rhode - RP2	52	100.00	0.00	0.00	0.00
	Tarbert - TB1	54	66.06	33.94	0.00	0.00
	Tarbert - TB2	54	0.00	100.00	0.00	0.00
	Tarbert - TB3	241	71.13	28.87	0.00	0.00
	Tarbert - TB4	243	0.00	100.00	0.00	0.00
	Tawnaghmore - TP1	52	99.92	0.08	0.00	0.00
Tawnaghmore - TP3	52	99.65	0.35	0.00	0.00	
Indaver	Indaver - IW1	16	85.33	14.67	0.00	0.00
Synergen	Dublin Bay - DB1	405	99.39	0.00	0.00	0.61
Tynagh Energy Ltd	Tynagh - TYC	384	90.47	3.49	0.00	6.04
Viridian	Huntstown - HN2	400	29.33	66.96	2.13	1.58
	Huntstown - HNC	342	95.58	0.00	0.01	4.41

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 2: Unit-by-Unit Average Monthly Availability Demand Side Units – October 2021

Unit-by-Unit Average Monthly Availability – October 2021					
Company	Unit	Monthly Availability %	Monthly Forced %	Monthly Scheduled %	Monthly Ambient %
Activation Energy	Activation Energy 1 – AE1	12.99	84.13	2.88	0
	Activation Energy 2 – AE2	45.52	39.51	14.97	0
	Activation Energy 3 – AE3	56.97	42.99	0.04	0
	Activation Energy 4 – AE4	0.21	33.86	65.93	0
	Activation Energy 5 – AE5	0	100	0	0
	Enernoc 1 - EN1	0.21	96.19	3.6	0
	Enernoc 2 - EN2	0.23	96.17	3.6	0
	Enernoc 3-EN3	21.28	65.72	13	0
	Enernoc 4-EN4	0.38	33.69	65.93	0
	Enernoc 5-EN5	0	99.99	0.01	0
	Enernoc 6-EN6	46.71	22.2	31.09	0
	Enernoc 8-EN8	24.13	75.27	0.6	0
	Enernoc 9-EN9	53.54	45.83	0.63	0
DAE VPP	DAE VPP – DP1	42.53	0	57.47	0
	DAE VPP – DP2	30.47	0	69.53	0
Electricity Exchange Ltd	Electricity Exchange – EE1	33.58	0	66.42	0
	Electricity Exchange – EE2	26.11	0	73.89	0
	Electricity Exchange – EE3	16.71	0	83.29	0
	Electricity Exchange – EE4	16.14	0	83.86	0
	Electricity Exchange – EE5	54.2	0	45.8	0
	Electricity Exchange – EE6	62.84	0	37.16	0
	Electricity Exchange – EE7	54.63	0.01	45.36	0
Electric Ireland	Electric Ireland – EI1	6.7	0	93.3	0
Endeco	Endeco 1 – EC1	34.27	0	65.73	0
	Endeco 2 – EC2	38.69	0	61.31	0
	Endeco 5 – EC5	45.56	0	54.44	0
Energy Trading Ireland	Energy Trading – ET1	20	80	0	0
Powerhouse	Powerhouse – PG1	25.12	73.81	1.07	0
Viridian	Viridian Energy – VE1	6.92	0	93.08	0
	Viridian Energy – VE2	0	0	100	0

Table 3: System Total Average Monthly Availability – October 2021

	Monthly Availability %	Monthly Forced %	Monthly Scheduled %	Monthly Ambient %
System Total Average Availability	62.65	25.2	11.11	1.04

Table 4: Unit-by-Unit 365 Day Rolling Availability Conventional Units – October 2020 to October 2021

Unit-by-Unit 365 Day Rolling Availability – October 2021						
Company	Unit	Capacity	Annual Availability %	Annual Forced %	Annual Scheduled %	Annual Ambient %
Aughinish Alumina Ltd	Seal Rock - SK3	85	84.88	1.71	7.49	5.92
	Seal Rock - SK4	85	89.95	2.10	3.35	4.60
Bord Gáis	Whitegate - WG1	444	8.43	91.45	0.00	0.12
Dublin Waste to Energy	DWTE - DW1	61.5	87.60	12.40	0.00	0.00
ESB Energy Ireland	Aghada - AD2	431	90.18	4.07	5.46	0.29
	Aghada - AT1	90	93.20	1.69	5.11	0.00
	Aghada - AT2	90	83.96	1.10	14.94	0.00
	Aghada - AT4	90	92.37	6.91	0.71	0.01
	Ardnacrusha - AA1	21	96.97	2.84	0.19	0.00
	Ardnacrusha - AA2	22	93.73	0.41	5.86	0.00
	Ardnacrusha - AA3	19	85.06	0.49	14.45	0.00
	Ardnacrusha - AA4	24	39.69	52.20	8.11	0.00
	Erne - ER1	10	92.92	1.50	5.58	0.00
	Erne - ER2	10	94.14	1.83	4.03	0.00
	Erne - ER3	22	92.64	0.97	6.39	0.00
	Erne - ER4	22	95.93	2.76	1.31	0.00
	Lee - LE1	15	62.18	36.55	1.27	0.00
	Lee - LE2	4	69.28	16.65	14.07	0.00
	Lee - LE3	8	72.16	18.96	8.88	0.00
	Liffey - LI1	15	38.64	53.77	7.59	0.00
	Liffey - LI2	15	43.41	49.00	7.59	0.00
	Liffey - LI4	4	85.96	13.93	0.11	0.00
	Liffey - LI5	4	54.75	45.25	0.00	0.00
	Moneypoint - MP1	285	73.32	16.23	10.45	0.00
	Moneypoint - MP2	285	43.18	56.82	0.00	0.00
	Moneypoint - MP3	285	78.76	17.86	3.38	0.00
	Poolbeg - PBA	231	84.66	5.78	9.45	0.11
Poolbeg - PBB	231	83.54	6.02	10.26	0.18	
Turlough Hill - TH1	73	93.15	2.06	4.79	0.00	
Turlough Hill - TH2	73	93.14	2.12	4.74	0.00	
Turlough Hill - TH3	73	95.24	0.37	4.39	0.00	
Turlough Hill - TH4	73	95.15	0.42	4.43	0.00	
Edenderry Power Ltd	Edenderry - ED1	118	83.39	6.41	10.20	0.00
	Edenderry - ED3	58	99.73	0.02	0.25	0.00
	Edenderry - ED5	58	99.73	0.00	0.27	0.00
SSE Generation Ireland	Great Island - GI4	461	94.83	1.02	2.52	1.63
	Rhode - RP1	52	85.36	2.42	12.22	0.00
	Rhode - RP2	52	91.77	1.63	6.60	0.00
	Tarbert - TB1	54	79.64	12.10	8.26	0.00
	Tarbert - TB2	54	75.34	19.14	5.52	0.00
	Tarbert - TB3	241	68.91	23.16	7.93	0.00
	Tarbert - TB4	243	31.98	68.02	0.00	0.00
	Tawnaghmore - TP1	52	87.51	5.00	7.49	0.00
Tawnaghmore - TP3	52	87.65	4.86	7.49	0.00	
Indaver	Indaver - IW1	16	78.13	10.90	10.97	0.00
Synergen	Dublin Bay - DB1	405	68.17	7.18	24.52	0.13
Tynagh Energy Ltd	Tynagh - TYC	384	84.70	4.67	5.82	4.81
Viridian	Huntstown - HN2	400	26.05	60.58	12.72	0.65
	Huntstown - HNC	342	86.34	0.51	9.11	4.04

Table 5: Unit-by-Unit 365 Day Rolling Availability Demand Side Units – October 2020 to October 2021

Unit-by-Unit 365 Day Rolling Availability – October 2021					
Company	Unit	Annual Availability %	Annual Forced %	Annual Scheduled %	Annual Ambient %
Activation Energy	Activation Energy 1 – AE1	14.83	79.36	5.81	0
	Activation Energy 2 – AE2	34.71	53.66	11.63	0
	Activation Energy 3 – AE3	58.45	41.5	0.05	0
	Activation Energy 4 – AE4	6.57	87.81	5.62	0
	Activation Energy 5 – AE5	9.47	90.53	0	0
	Enernoc 1-EN1	19.06	80.38	0.56	0
	Enernoc 2-EN2	5.55	94.14	0.31	0
	Enernoc3-EN3	28.58	70.01	1.41	0
	Enernoc 4-EN4	1.98	92.41	5.61	0
	Enernoc 5-EN5	15.75	81.73	2.52	0
	Enernoc 6-EN6	41.64	36.84	21.52	0
	Enernoc 8-EN8	44.73	53.14	2.13	0
	Enernoc 9-EN9	48.47	32.3	19.23	0
DAE VPP	DAE VPP – DP1	49.36	0.19	50.45	0
	DAE VPP – DP2	26.91	0.79	72.3	0
Electricity Exchange Ltd	Electricity Exchange – EE1	36.09	0.04	63.87	0
	Electricity Exchange – EE2	23.75	0	76.25	0
	Electricity Exchange – EE3	17.31	0	82.69	0
	Electricity Exchange – EE4	17.5	0	82.5	0
	Electricity Exchange – EE5	49.83	0.01	50.16	0
	Electricity Exchange – EE6	54.5	0	45.5	0
	Electricity Exchange – EE7	51.03	0.06	48.91	0
Electric Ireland	Electric Ireland – EI1	32.64	0	67.36	0
Endeco	Endeco 1 – EC1	36.96	0.05	62.99	0
	Endeco 2 – EC2	22.75	0.21	77.04	0
	Endeco 5 – EC5	44.8	0.02	55.18	0
Energy Trading Ireland	Energy Trading – ET1	4.18	95.82	0	0
Powerhouse	Powerhouse – PG1	23.14	76.78	0.08	0
Viridian	Viridian Energy – VE1	13.54	0	86.46	0
	Viridian Energy – VE2	0.91	0	99.09	0

Table 6: 365 Day Rolling System Total Average Availability – October 2020 to October 2021

	Annual Availability %	Annual Forced %	Annual Scheduled %	Annual Ambient %
System Total Average Availability	64.94	23.54	10.76	0.76

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.