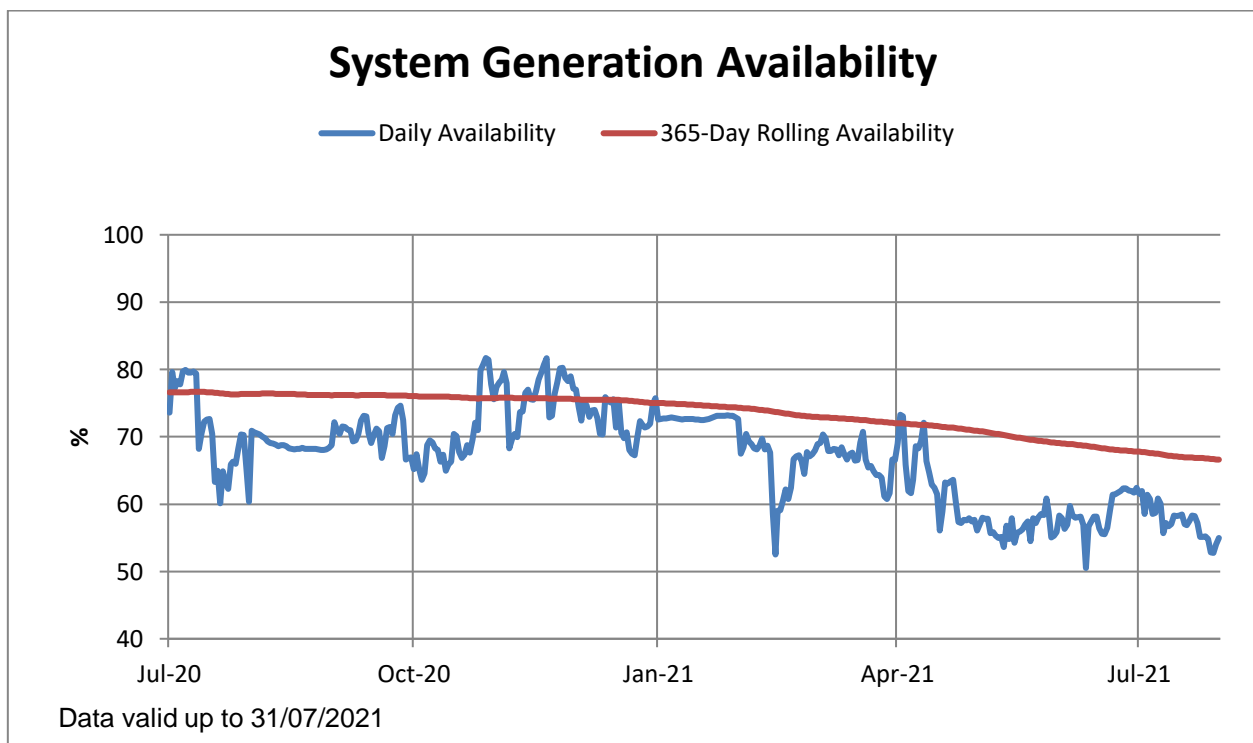


EirGrid Monthly Availability Report – July 2021

Availability report for July 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 – July 2021

Unit-by-Unit Average Monthly Availability – July 2021							
Company	Unit	Capacity	Monthly Availability %	Monthly Forced %	Monthly Scheduled %	Monthly Ambient %	
Aughinish Alumina Ltd	Seal Rock - SK3	85	87.08	1.23	3.16	8.53	
	Seal Rock - SK4	85	72.27	5.27	14.34	8.12	
Bord Gáis	Whitegate - WG1	444	0.00	100.00	0.00	0.00	
Dublin Waste to Energy	DWTE - DW1	61.5	77.35	20.00	51.05	0.00	
ESB Energy Ireland	Aghada - AD2	431	98.09	0.00	0.94	0.97	
	Aghada - AT1	90	89.22	10.78	0.00	0.00	
	Aghada - AT2	90	89.22	10.78	0.00	0.00	
	Aghada - AT4	90	100.00	0.00	0.00	0.00	
	Ardnacrusha - AA1	21	85.40	14.60	0.00	0.00	
	Ardnacrusha - AA2	22	98.77	1.23	0.00	0.00	
	Ardnacrusha - AA3	19	100.00	9.03	0.00	0.00	
	Ardnacrusha - AA4	24	0.00	89.78	10.22	0.00	
	Erne - ER1	10	100.00	0.00	0.00	0.00	
	Erne - ER2	10	100.00	0.00	0.00	0.00	
	Erne - ER3	22	72.68	6.29	21.03	0.00	
	Erne - ER4	22	78.09	21.91	0.00	0.00	
	Lee - LE1	15	0.00	100.00	0.00	0.00	
	Lee - LE2	4	36.09	63.91	34.98	0.00	
	Lee - LE3	8	0.00	0.00	100.00	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	100.00	0.00	0.00	0.00	
	Liffey - LI5	4	0.00	100.00	0.00	0.00	
	Moneypoint - MP1	285	97.83	2.17	0.00	0.00	
	Moneypoint - MP2	285	58.95	41.05	0.00	0.00	
	Moneypoint - MP3	285	36.44	63.56	0.00	0.00	
	North Wall - NW5	104	0.00	0.00	100.00	0.00	
	Poolbeg - PBA	231	99.57	0.00	0.00	0.43	
	Poolbeg - PBB	231	96.53	3.22	0.00	0.25	
	Turlough Hill - TH1	73	99.40	0.00	0.60	0.00	
	Turlough Hill - TH2	73	97.75	2.25	0.00	0.00	
	Turlough Hill - TH3	73	99.45	0.00	0.55	0.00	
	Turlough Hill - TH4	73	97.84	1.32	0.84	0.00	
	Edenderry Power Ltd	Edenderry - ED1	118	1.44	0.18	98.38	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	95.80	0.05	0.00	4.15
Rhode - RP1		52	45.31	17.00	83.00	0.00	
Rhode - RP2		52	87.66	12.34	0.00	0.00	
Tarbert - TB1		54	84.50	15.50	0.00	0.00	
Tarbert - TB2		54	85.38	14.62	0.00	0.00	
Tarbert - TB3		241	43.43	56.57	0.00	0.00	
Tarbert - TB4		243	0.00	100.00	0.00	0.00	
Tawnaghmore - TP1		52	99.66	0.34	0.00	0.00	
Tawnaghmore - TP3		52	99.57	0.43	0.00	0.00	
Indaver	Indaver - IW1	16	97.48	2.52	0.00	0.00	
Synergen	Dublin Bay - DB1	405	0.00	7.00	93.00	0.00	
Tynagh Energy Ltd	Tynagh - TYC	384	90.93	34.15	4.96	8.06	
Viridian	Huntstown - HN2	400	0.00	100.00	0.00	0.00	
	Huntstown - HNC	342	90.15	3.33	0.04	6.48	

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

Unit-by-Unit Average Monthly Availability – January 2021					
Company	Unit	Monthly Availability %	Monthly Forced %	Monthly Scheduled %	Monthly Ambient %
Activation Energy	Activation Energy 1 – AE1	19.64	73.32	7.04	0
	Activation Energy 2 – AE2	36.67	63.33	0	0
	Activation Energy 3 – AE3	62.24	37.49	0.27	0
	Activation Energy 4 – AE4	0	100	0	0
	Activation Energy 5 – AE5	0	100	0	0
	Enernoc 1 - EN1	31.19	68.81	0	0
	Enernoc 2 - EN2	0	100	0	0
	Enernoc 3-EN3	62.04	37.96	0	0
	Enernoc 4-EN4	0	100	0	0
	Enernoc 5-EN5	17.51	79.14	3.35	0
	Enernoc 6-EN6	47.37	25.14	27.49	0
	Enernoc 8-EN8	56.78	42.03	1.19	0
	Enernoc 9-EN9	45.66	10.92	43.42	0
DAE VPP	DAE VPP – DP1	19.6	0	80.4	0
	DAE VPP – DP2	26.42	0	73.58	0
Electricity Exchange Ltd	Electricity Exchange – EE1	37.67	0	62.33	0
	Electricity Exchange – EE2	31.39	0	68.61	0
	Electricity Exchange – EE3	16.14	0	83.86	0
	Electricity Exchange – EE4	20.9	0	79.1	0
	Electricity Exchange – EE5	46.18	0	53.82	0
	Electricity Exchange – EE6	63.18	0	36.82	0
	Electricity Exchange – EE7	57.95	0	42.05	0
Electric Ireland	Electric Ireland – EI1	6	0	94	0
Endeco	Endeco 1 – EC1	41.07	0.29	58.64	0
	Endeco 2 – EC2	15.39	0	84.61	0
	Endeco 5 – EC5	44.81	0	55.19	0
Energy Trading Ireland	Energy Trading – ET1	14.34	85.66	0	0
Powerhouse	Powerhouse – PG1	29.77	70.23	0	0
Viridian	Viridian Energy – VE1	13.27	0	86.73	0
	Viridian Energy – VE2	0	0	100	0

Table 3: System Total Average Monthly Availability – July 2021

	Monthly Availability %	Monthly Forced %	Monthly Scheduled %	Monthly Ambient %
System Total Average Availability	57.49	28.46	12.77	1.28

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 – July 2020 to July 2021

Unit-by-Unit 365 Day Rolling Availability – July 2021						
Company	Unit	Capacity	Annual Availability %	Annual Forced %	Annual Scheduled %	Annual Ambient %
Aughinish Alumina Ltd	Seal Rock - SK3	85	84.42	2.25	8.29	5.04
	Seal Rock - SK4	85	90.77	1.06	4.29	3.88
Bord Gáis	Whitegate - WG1	444	30.76	66.43	1.94	0.87
Dublin Waste to Energy	DWTE - DW1	61.5	84.08	12.30	3.62	0.00
ESB Energy Ireland	Aghada - AD2	431	90.00	4.40	5.46	0.14
	Aghada - AT1	90	97.58	1.74	0.68	0.00
	Aghada - AT2	90	95.03	2.72	2.25	0.00
	Aghada - AT4	90	89.37	8.41	2.22	0.00
	Ardnacrusha - AA1	21	91.03	2.39	6.58	0.00
	Ardnacrusha - AA2	22	93.71	0.43	5.86	0.00
	Ardnacrusha - AA3	19	96.97	2.11	0.92	0.00
	Ardnacrusha - AA4	24	45.06	47.46	7.48	0.00
	Erne - ER1	10	93.44	2.13	4.43	0.00
	Erne - ER2	10	95.53	0.40	4.07	0.00
	Erne - ER3	22	91.94	1.58	6.48	0.00
	Erne - ER4	22	96.63	2.10	1.27	0.00
	Lee - LE1	15	65.95	25.84	8.21	0.00
	Lee - LE2	4	69.44	16.76	13.80	0.00
	Lee - LE3	8	59.02	27.96	13.02	0.00
	Liffey - LI1	15	62.58	29.36	8.06	0.00
	Liffey - LI2	15	67.36	24.58	8.06	0.00
	Liffey - LI4	4	97.96	1.59	0.45	0.00
	Liffey - LI5	4	68.46	23.10	8.44	0.00
	Moneypoint - MP1	285	77.99	18.70	3.31	0.00
	Moneypoint - MP2	285	43.97	56.03	0.00	0.00
	Moneypoint - MP3	285	59.98	39.93	0.09	0.00
	North Wall - NW5	104	0.00	0.00	100.00	0.00
	Poolbeg - PBA	231	78.58	5.15	16.21	0.06
Poolbeg - PBB	231	90.02	3.86	6.09	0.03	
Turlough Hill - TH1	73	91.75	3.36	4.89	0.00	
Turlough Hill - TH2	73	91.89	2.93	5.18	0.00	
Turlough Hill - TH3	73	94.80	0.42	4.78	0.00	
Turlough Hill - TH4	73	94.69	0.50	4.81	0.00	
Edenderry Power Ltd	Edenderry - ED1	118	82.70	4.19	13.11	0.00
	Edenderry - ED3	58	99.76	0.12	0.12	0.00
	Edenderry - ED5	58	99.60	0.26	0.14	0.00
SSE Generation Ireland	Great Island - GI4	461	88.87	1.17	8.71	1.25
	Rhode - RP1	52	86.07	1.32	12.61	0.00
	Rhode - RP2	52	80.48	12.92	6.60	0.00
	Tarbert - TB1	54	89.40	2.34	8.26	0.00
	Tarbert - TB2	54	85.07	6.67	8.26	0.00
	Tarbert - TB3	241	77.94	20.17	1.89	0.00
	Tarbert - TB4	243	51.47	45.15	3.38	0.00
	Tawnaghmore - TP1	52	88.45	3.47	8.08	0.00
Tawnaghmore - TP3	52	87.59	4.92	7.49	0.00	
Indaver	Indaver - IW1	16	80.44	8.59	10.97	0.00
Synergen	Dublin Bay - DB1	405	71.12	0.64	28.20	0.04
Tynagh Energy Ltd	Tynagh - TYC	384	83.56	3.41	8.85	4.18
Viridian	Huntstown - HN2	400	47.52	43.12	7.60	1.76
	Huntstown - HNC	342	80.25	0.54	15.44	3.77

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

Unit-by-Unit 365 Day Rolling Availability – July 2021					
Company	Unit	Annual Availability %	Annual Forced %	Annual Scheduled %	Annual Ambient %
Activation Energy	Activation Energy 1 – AE1	19.62	74.06	6.32	0
	Activation Energy 2 – AE2	29.88	61.06	9.06	0
	Activation Energy 3 – AE3	56.02	43.93	0.05	0
	Activation Energy 4 – AE4	7	92.98	0.02	0
	Activation Energy 5 – AE5	23.59	76.4	0.01	0
	Enernoc 1-EN1	16.23	83.77	0	0
	Enernoc 2-EN2	12.73	87.27	0	0
	Enernoc3-EN3	23.35	76.65	0	0
	Enernoc 4-EN4	18.76	81.24	0	0
	Enernoc 5-EN5	18.03	81.69	0.28	0
	Enernoc 6-EN6	39.56	34.95	25.49	0
	Enernoc 8-EN8	38.13	59.74	2.13	0
	Enernoc 9-EN9	36.4	45.36	18.24	0
DAE VPP	DAE VPP – DP1	56.85	0.03	43.12	0
	DAE VPP – DP2	28.63	0.8	70.57	0
Electricity Exchange Ltd	Electricity Exchange – EE1	38.38	0.01	61.61	0
	Electricity Exchange – EE2	23.88	0	76.12	0
	Electricity Exchange – EE3	18.58	0	81.42	0
	Electricity Exchange – EE4	16.33	0	83.67	0
	Electricity Exchange – EE5	48.62	0.01	51.37	0
	Electricity Exchange – EE6	48.62	0.01	51.37	0
	Electricity Exchange – EE7	54.9	0	45.1	0
Electric Ireland	Electric Ireland – EI1	54.9	0	45.1	0
Endeco	Endeco 1 – EC1	45.31	0	54.69	0
	Endeco 2 – EC2	37.48	0.06	62.46	0
	Endeco 5 – EC5	21.38	0.21	78.41	0
Energy Trading Ireland	Energy Trading – ET1	44.77	0.02	55.21	0
Powerhouse	Powerhouse – PG1	1.39	98.61	0	0
Viridian	Viridian Energy – VE1	22.49	77.51	0	0
	Viridian Energy – VE2	13.52	0	86.48	0

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

	Annual Availability %	Annual Forced %	Annual Scheduled %	Annual Ambient %
System Total Average Availability	67.27	20.98	10.99	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.