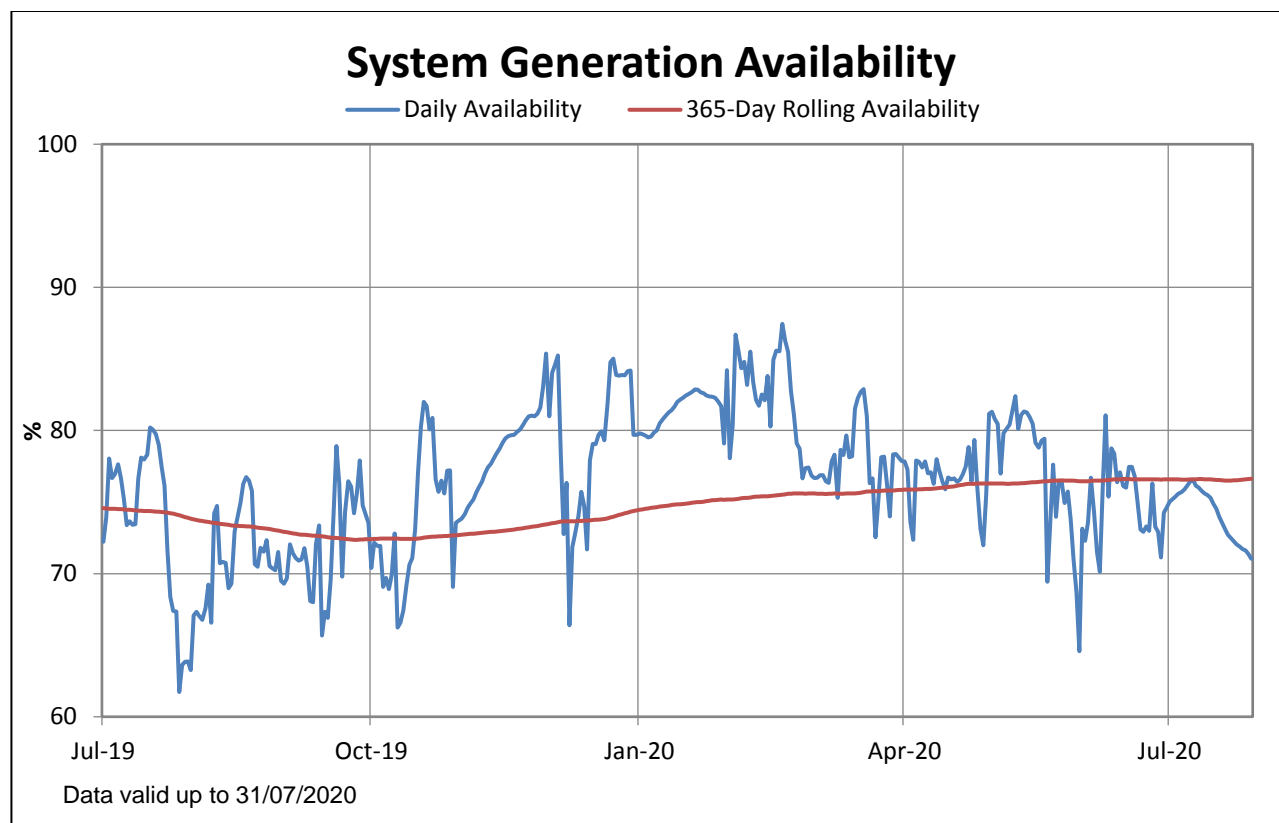


EirGrid Monthly Availability Report – July 2020

Availability report for July 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 – July 2020

Unit-by-Unit Average Monthly Availability – July 2020						
Company	Unit	Capacity	Monthly Availability %	Monthly Forced %	Monthly Scheduled %	Monthly Ambient %
Aughinish Alumina Ltd	Seal Rock - SK3	85	74.62	7.06	15.91	2.41
	Seal Rock - SK4	85	78.90	4.21	15.32	1.57
Bord Gáis	Whitegate - WG1	444	90.70	4.98	0.00	4.32
Dublin Waste to Energy	DWTE - DW1	61.5	95.80	4.20	0.00	0.00
ESB Energy Ireland	Aghada - AD2	431	71.40	17.44	11.16	0.00
	Aghada - AT1	90	99.25	0.00	0.75	0.00
	Aghada - AT2	90	99.25	0.00	0.75	0.00
	Aghada - AT4	90	100.00	0.00	0.00	0.00
	Ardnacrusha - AA1	21	99.96	0.04	0.00	0.00
	Ardnacrusha - AA2	22	99.82	0.18	0.00	0.00
	Ardnacrusha - AA3	19	99.93	0.07	0.00	0.00
	Ardnacrusha - AA4	24	86.29	0.00	13.71	0.00
	Erne - ER1	10	91.02	8.98	0.00	0.00
	Erne - ER2	10	100.00	0.00	0.00	0.00
	Erne - ER3	22	91.27	0.00	8.73	0.00
	Erne - ER4	22	99.52	0.48	0.00	0.00
	Lee - LE1	15	99.33	0.67	0.00	0.00
	Lee - LE2	4	2.08	97.92	0.00	0.00
	Lee - LE3	8	70.61	11.10	18.29	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	82.55	17.45	0.00	0.00
	Liffey - LI5	4	100.00	0.00	0.00	0.00
	Lough Ree - LR4	91	0.00	100.00	0.00	0.00
	Moneypoint - MP1	285	95.17	4.83	0.00	0.00
	Moneypoint - MP2	285	56.28	43.72	0.00	0.00
	Moneypoint - MP3	285	0.00	100.00	0.00	0.00
	North Wall - NW5	104	0.00	0.00	100.00	0.00
	Poolbeg - PBA	231	100.00	0.00	0.00	0.00
	Poolbeg - PBB	231	71.95	26.42	1.63	0.00
Turlough Hill - TH1	73	88.02	0.82	11.16	0.00	
Turlough Hill - TH2	73	82.83	0.00	17.17	0.00	
Turlough Hill - TH3	73	90.36	0.00	9.64	0.00	
Turlough Hill - TH4	73	90.05	0.54	9.41	0.00	
West Offaly - WO4	137	0.00	100.00	0.00	0.00	
Edenderry Power Ltd	Edenderry - ED1	118	7.39	0.00	92.61	0.00
	Edenderry - ED3	58	100.00	0.00	0.00	0.00
	Edenderry - ED5	58	95.14	4.86	0.00	0.00
SSE Generation Ireland	Great Island - GI4	461	92.28	5.53	0.00	2.19
	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	100.00	0.00	0.00	0.00
	Tarbert - TB3	241	76.47	22.32	1.21	0.00
	Tarbert - TB4	243	87.37	12.63	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	90.45	9.55	0.00	0.00
Synergen	Dublin Bay - DB1	405	77.32	22.55	0.00	0.13
Tynagh Energy Ltd	Tynagh - TYC	384	82.16	12.34	0.81	4.69
Viridian	Huntstown - HN2	400	94.77	0.00	0.00	5.23
	Huntstown - HNC	342	79.64	1.36	13.38	5.62

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

Unit-by-Unit Average Monthly Availability – July 2020					
Company	Unit	Monthly Availability %	Monthly Forced %	Monthly Scheduled %	Monthly Ambient %
Activation Energy	Activation Energy 1 – AE1	39.58	50.44	9.98	0
	Activation Energy 2 – AE2	20.65	79.35	0	0
	Activation Energy 3 – AE3	64.22	35.78	0	0
	Activation Energy 4 – AE4	0	100	0	0
	Activation Energy 5 – AE5	56.12	43.88	0	0
	Enernoc 1 - EN1	0	100	0	0
	Enernoc 2 - EN2	0	100	0	0
	Enernoc 3-EN3	99.92	0.08	0	0
	Enernoc 4-EN4	99.32	0	0.68	0
	Enernoc 5-EN5	37.79	62.21	0	0
Enernoc 6-EN6	40.56	11.52	47.92	0	
DAE VPP	DAE VPP – DP1	65.15	0	34.85	0
	DAE VPP – DP2	5.61	0	94.39	0
Electricity Exchange Ltd	Electricity Exchange – EE1	50.26	0	49.74	0
	Electricity Exchange – EE2	31.11	0.28	68.61	0
	Electricity Exchange – EE3	22.27	0	77.73	0
	Electricity Exchange – EE4	16.19	0	83.81	0
	Electricity Exchange – EE5	50.09	0	49.91	0
	Electricity Exchange – EE6	70.02	0	29.98	0
Electric Ireland	Electric Ireland – EI1	45.59	0.01	54.4	0
Endeco	Endeco 1 – EC1	41.65	0	58.35	0
	Endeco 2 – EC2	18.84	0	81.16	0
	Endeco 5 – EC5	41.32	0.01	58.67	0
Energy Trading Ireland	Energy Trading – ET1	0	100	0	0
Powerhouse	Powerhouse – PG1	29.47	70.53	0	0
Viridian	Viridian Energy – VE1	20.93	0.27	78.8	0
	Viridian Energy – VE2	0	0	100	0

Table 3: System Total Average Monthly Availability – July 2020

	Monthly Availability %	Monthly Forced %	Monthly Scheduled %	Monthly Ambient %
System Total Average Availability	71.04	19.73	7.98	1.25

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 2019 to July 2020

Unit-by-Unit 365 Day Rolling Availability – July 2020						
Company	Unit	Capacity	Annual Availability %	Annual Forced %	Annual Scheduled %	Annual Ambient %
Aughinish Alumina Ltd	Seal Rock - SK3	85	88.93	1.76	3.59	5.72
	Seal Rock - SK4	85	92.37	2.79	0.68	4.16
Bord Gáis	Whitegate - WG1	444	89.77	5.71	2.30	2.22
Dublin Waste to Energy	DWTE - DW1	61.5	89.33	7.09	3.58	0.00
ESB Energy Ireland	Aghada - AD2	431	71.32	7.57	20.94	0.17
	Aghada - AT1	90	95.80	3.29	0.91	0.00
	Aghada - AT2	90	99.66	0.28	0.06	0.00
	Aghada - AT4	90	98.67	1.12	0.21	0.00
	Ardnacrusha - AA1	21	98.38	0.03	1.59	0.00
	Ardnacrusha - AA2	22	93.48	0.06	6.46	0.00
	Ardnacrusha - AA3	19	97.09	1.47	1.44	0.00
	Ardnacrusha - AA4	24	74.98	19.98	5.04	0.00
	Erne - ER1	10	94.44	1.27	4.29	0.00
	Erne - ER2	10	93.98	3.87	2.15	0.00
	Erne - ER3	22	98.41	0.38	1.21	0.00
	Erne - ER4	22	98.57	0.24	1.19	0.00
	Lee - LE1	15	95.68	0.33	3.99	0.00
	Lee - LE2	4	65.73	30.30	3.97	0.00
	Lee - LE3	8	91.03	1.15	7.82	0.00
	Liffey - LI1	15	100.00	0.00	0.00	0.00
	Liffey - LI2	15	94.77	5.21	0.02	0.00
	Liffey - LI4	4	91.27	8.72	0.01	0.00
	Liffey - LI5	4	99.86	0.10	0.04	0.00
	Lough Ree - LR4	91	49.11	50.83	0.06	0.00
	Moneypoint - MP1	285	74.49	25.42	0.09	0.00
	Moneypoint - MP2	285	64.19	27.83	7.98	0.00
	Moneypoint - MP3	285	13.23	86.77	0.00	0.00
	North Wall - NW5	104	15.92	0.43	83.57	0.08
	Poolbeg - PBA	231	84.28	3.74	11.98	0.00
	Poolbeg - PBB	231	89.61	5.82	4.57	0.00
	Turlough Hill - TH1	73	92.84	5.68	1.48	0.00
Turlough Hill - TH2	73	94.01	4.24	1.75	0.00	
Turlough Hill - TH3	73	97.23	0.66	2.11	0.00	
Turlough Hill - TH4	73	97.92	0.26	1.82	0.00	
West Offaly - WO4	137	67.61	32.39	0.00	0.00	
Edenderry Power Ltd	Edenderry - ED1	118	88.05	1.90	10.05	0.00
	Edenderry - ED3	58	100.00	0.00	0.00	0.00
	Edenderry - ED5	58	99.59	0.41	0.00	0.00
SSE Generation Ireland	Great Island - GI4	461	94.47	4.29	0.00	1.24
	Rhode - RP1	52	95.65	4.35	0.00	0.00
	Rhode - RP2	52	96.14	1.89	1.97	0.00
	Tarbert - TB1	54	98.78	1.22	0.00	0.00
	Tarbert - TB2	54	97.88	2.12	0.00	0.00
	Tarbert - TB3	241	89.33	8.11	2.56	0.00
	Tarbert - TB4	243	90.67	7.14	2.19	0.00
	Tawnaghmore - TP1	52	99.97	0.03	0.00	0.00
Tawnaghmore - TP3	52	100.00	0.00	0.00	0.00	
Indaver	Indaver - IW1	16	90.90	9.10	0.00	0.00
Synergen	Dublin Bay - DB1	405	95.09	3.71	1.12	0.08
Tynagh Energy Ltd	Tynagh - TYC	384	78.51	7.54	10.77	3.18
Viridian	Huntstown - HN2	400	95.03	1.75	0.01	3.21
	Huntstown - HNC	342	82.39	7.22	6.72	3.67

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 – July 2019 to July 2020

Unit-by-Unit 365 Day Rolling Availability – July 2020					
Company	Unit	Annual Availability %	Annual Forced %	Annual Scheduled %	Annual Ambient %
Activation Energy	Activation Energy 1 – AE1	25.62	69.53	4.85	0
	Activation Energy 2 – AE2	17.37	74.65	7.98	0
	Activation Energy 3 – AE3	44	55.99	0.01	0
	Activation Energy 4 – AE4	47.02	52.95	0.03	0
	Activation Energy 5 – AE5	54.96	45.02	0.02	0
	Enernoc 1-EN1	39.1	60.9	0	0
	Enernoc 2-EN2	15.45	84.55	0	0
	Enernoc3-EN3	45	53.05	1.95	0
	Enernoc 4-EN4	45.31	54.62	0.07	0
	Enernoc 5-EN5	38.26	58.83	2.91	0
	Enernoc 6-EN6	48.82	36.14	15.04	0
DAE VPP	DAE VPP – DP1	65.7	0	34.3	0
	DAE VPP – DP2	3.93	0	96.07	0
Electricity Exchange Ltd	Electricity Exchange – EE1	51.03	0.02	48.95	0
	Electricity Exchange – EE2	28.71	0.02	71.27	0
	Electricity Exchange – EE3	24.38	0	75.62	0
	Electricity Exchange – EE4	13.99	0.01	86	0
	Electricity Exchange – EE5	66.13	0.02	33.85	0
	Electricity Exchange – EE6	66.13	0.02	33.85	0
Electric Ireland	Electric Ireland – EI1	50.55	0.01	49.44	0
Endeco	Endeco 1 – EC1	58.66	0.2	41.14	0
	Endeco 2 – EC2	42.84	0.06	57.1	0
	Endeco 5 – EC5	10.84	0	89.16	0
Energy Trading Ireland	Energy Trading – ET1	45.87	0.09	54.04	0
Powerhouse	Powerhouse – PG1	4.35	95.65	0	0
Viridian	Viridian Energy – VE1	35.08	64.92	0	0
	Viridian Energy – VE2	24.82	0.02	75.16	0

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

	Annual Availability %	Annual Forced %	Annual Scheduled %	Annual Ambient %
System Total Average Availability	76.83	14.71	7.59	0.87