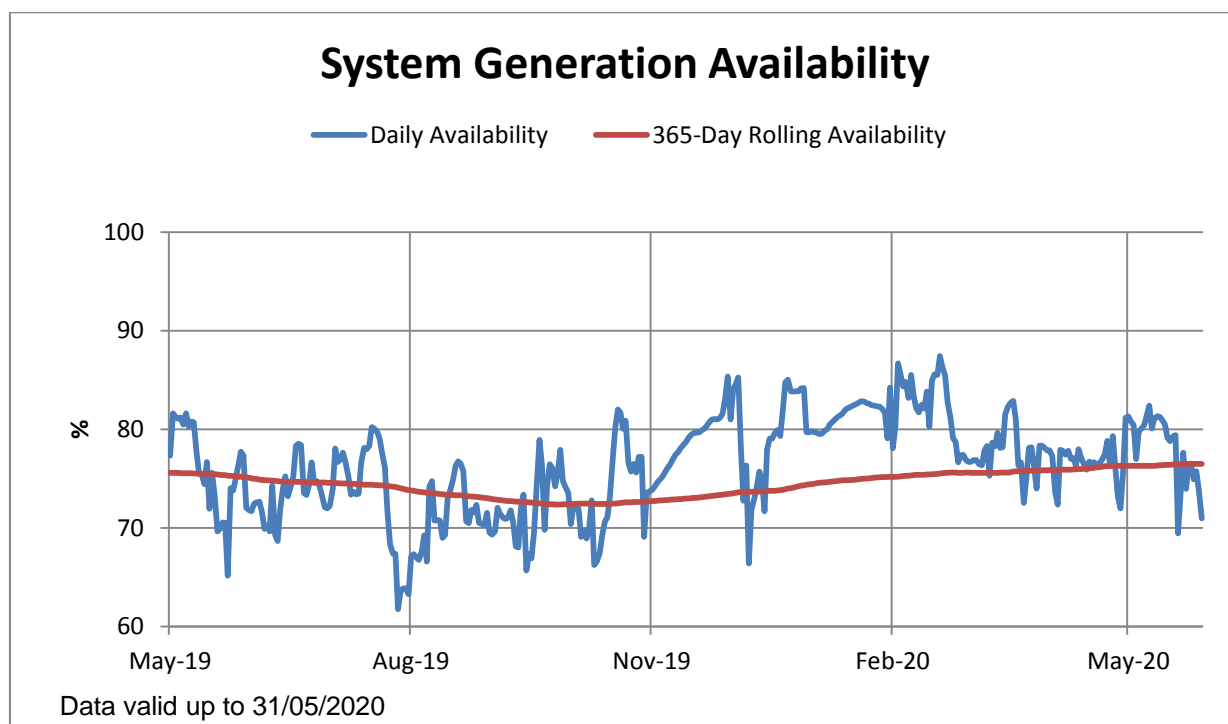


EirGrid Monthly Availability Report – May 2020

Availability report for May 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 – May 2020

Unit-by-Unit Average Monthly Availability – May 2020							
Company	Unit	Capacity	Monthly Availability %	Monthly Forced %	Monthly Scheduled %	Monthly Ambient %	
Aughinish Alumina Ltd	Seal Rock - SK3	85	91.69	1.43	0.00	6.88	
	Seal Rock - SK4	85	93.65	1.14	0.00	5.21	
Bord Gáis	Whitegate - WG1	444	68.74	29.85	0.00	1.41	
Dublin Waste to Energy	DWTE - DW1	61.5	88.88	11.12	0.00	0.00	
ESB Energy Ireland	Aghada - AD2	431	97.38	0.00	2.62	0.00	
	Aghada - AT1	90	100.00	0.00	0.00	0.00	
	Aghada - AT2	90	100.00	0.00	0.00	0.00	
	Aghada - AT4	90	98.96	0.03	1.01	0.00	
	Ardnacrusha - AA1	21	100.00	0.00	0.00	0.00	
	Ardnacrusha - AA2	22	85.38	0.00	14.62	0.00	
	Ardnacrusha - AA3	19	100.00	0.00	0.00	0.00	
	Ardnacrusha - AA4	24	100.00	0.00	0.00	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	100.00	0.00	0.00	0.00	
	Erne - ER4	22	100.00	0.00	0.00	0.00	
	Lee - LE1	15	53.54	0.13	46.33	0.00	
	Lee - LE2	4	0.00	100.00	0.00	0.00	
	Lee - LE3	8	100.00	0.00	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	100.00	0.00	0.00	0.00	
	Lough Ree - LR4	91	0.00	100.00	0.00	0.00	
	Moneypoint - MP1	285	90.39	9.61	0.00	0.00	
	Moneypoint - MP2	285	53.39	46.61	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	98.62	0.20	1.18	0.00	
	Poolbeg - PBB	231	99.96	0.00	0.04	0.00	
	Turlough Hill - TH1	73	71.55	28.45	0.00	0.00	
	Turlough Hill - TH2	73	100.00	0.00	0.00	0.00	
	Turlough Hill - TH3	73	91.88	6.10	2.02	0.00	
	Turlough Hill - TH4	73	100.00	0.00	0.00	0.00	
	West Offaly - WO4	137	35.52	64.48	0.00	0.00	
	Edenderry Power Ltd	Edenderry - ED1	118	100.00	0.00	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	99.15	0.00	0.00	0.85	
	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	96.31	3.69	0.00	0.00	
	Tarbert - TB4	243	100.00	0.00	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	80.80	19.20	0.00	0.00	
Synergen	Dublin Bay - DB1	405	100.00	0.00	0.00	0.00	
Tynagh Energy Ltd	Tynagh - TYC	384	90.13	2.61	3.41	3.85	
Viridian	Huntstown - HN2	400	96.53	0.00	0.00	3.47	
	Huntstown - HNC	342	95.63	0.00	0.03	4.34	

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

Unit-by-Unit Average Monthly Availability – May 2020					
Company	Unit	Monthly Availability %	Monthly Forced %	Monthly Scheduled %	Monthly Ambient %
Activation Energy	Activation Energy 1 – AE1	14.9	80.26	4.84	0
	Activation Energy 2 – AE2	22.75	68.35	8.9	0
	Activation Energy 3 – AE3	14.15	85.85	0	0
	Activation Energy 4 – AE4	11.96	88.02	0.02	0
	Activation Energy 5 – AE5	56.18	43.82	0	0
	Enernoc 1 - EN1	11.18	88.82	0	0
	Enernoc 2 - EN2	2.76	97.24	0	0
	Enernoc 3-EN3	12.13	87.87	0	0
	Enernoc 4-EN4	11.85	88.15	0	0
	Enernoc 5-EN5	20	80	0	0
	Enernoc 6-EN6	39.9	55.19	4.91	0
DAE VPP	DAE VPP – DP1	66.27	0	33.73	0
	DAE VPP – DP2	0	0	100	0
Electricity Exchange Ltd	Electricity Exchange – EE1	47.34	0	52.66	0
	Electricity Exchange – EE2	30.95	0	69.05	0
	Electricity Exchange – EE3	22.32	0	77.68	0
	Electricity Exchange – EE4	3.35	0	96.65	0
	Electricity Exchange – EE5	65.22	0.18	34.6	0
	Electricity Exchange – EE6	28.54	0	71.46	0
Electric Ireland	Electric Ireland – EI1	52.31	0	47.69	0
Endeco	Endeco 1 – EC1	35.4	0	64.6	0
	Endeco 2 – EC2	8.33	0	91.67	0
	Endeco 5 – EC5	33.08	0	66.92	0
Energy Trading Ireland	Energy Trading – ET1	0	0	0	0
Powerhouse	Powerhouse – PG1	25.23	74.77	0	0
Viridian	Viridian Energy – VE1	19.8	0	80.2	0
	Viridian Energy – VE2	0	0	100	0

Table 3: System Total Average Monthly Availability – May 2020

	Monthly Availability %	Monthly Forced %	Monthly Scheduled %	Monthly Ambient %
System Total Average Availability	78.23	16.03	4.85	0.89

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

Unit-by-Unit 365 Day Rolling Availability – May 2020						
Company	Unit	Capacity	Monthly Availability %	Monthly Forced %	Monthly Scheduled %	Monthly Ambient %
Aughinish Alumina Ltd	Seal Rock - SK3	85	90.51	1.20	2.24	6.05
	Seal Rock - SK4	85	88.89	1.81	5.15	4.15
Bord Gáis	Whitegate - WG1	444	88.67	4.75	4.52	2.06
Dublin Waste to Energy	DWTE - DW1	61.5	91.56	6.79	1.65	0.00
ESB Energy Ireland	Aghada - AD2	431	73.29	6.18	20.00	0.53
	Aghada - AT1	90	98.19	0.36	1.45	0.00
	Aghada - AT2	90	98.90	0.20	0.90	0.00
	Aghada - AT4	90	98.62	1.12	0.26	0.00
	Ardnacrusha - AA1	21	99.66	0.03	0.31	0.00
	Ardnacrusha - AA2	22	93.71	0.05	6.24	0.00
	Ardnacrusha - AA3	19	97.26	1.47	1.27	0.00
	Ardnacrusha - AA4	24	75.65	19.97	4.38	0.00
	Erne - ER1	10	95.07	2.35	2.58	0.00
	Erne - ER2	10	93.36	4.94	1.70	0.00
	Erne - ER3	22	99.05	0.55	0.40	0.00
	Erne - ER4	22	92.45	0.75	6.80	0.00
	Lee - LE1	15	95.70	0.31	3.99	0.00
	Lee - LE2	4	82.26	13.77	3.97	0.00
	Lee - LE3	8	96.12	0.20	3.68	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	93.14	6.85	0.01	0.00
	Liffey - LI5	4	99.78	0.18	0.04	0.00
	Lough Ree - LR4	91	53.52	41.48	5.00	0.00
	Moneypoint - MP1	285	74.40	25.60	0.00	0.00
	Moneypoint - MP2	285	63.45	24.79	11.76	0.00
	Moneypoint - MP3	285	28.68	71.32	0.00	0.00
	North Wall - NW5	104	32.48	0.43	66.85	0.24
	Poolbeg - PBA	231	80.86	6.21	12.93	0.00
	Poolbeg - PBB	231	87.70	7.82	4.48	0.00
	Turlough Hill - TH1	73	91.12	4.83	4.05	0.00
	Turlough Hill - TH2	73	91.53	4.29	4.18	0.00
	Turlough Hill - TH3	73	94.33	1.47	4.20	0.00
	Turlough Hill - TH4	73	95.40	0.23	4.37	0.00
West Offaly - WO4	137	80.17	19.83	0.00	0.00	
Edenderry Power Ltd	Edenderry - ED1	118	80.71	1.90	17.39	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	94.97	3.79	0.00	1.24
	Rhode - RP1	52	93.38	6.62	0.00	0.00
	Rhode - RP2	52	93.57	4.46	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	78.42	19.66	1.92	0.00
	Tarbert - TB4	243	93.32	4.49	2.19	0.00
	Tawnaghmore - TP1	52	99.97	0.03	0.00	0.00
Tawnaghmore - TP3	52	99.88	0.12	0.00	0.00	
Indaver	Indaver - IW1	16	92.35	7.65	0.00	0.00
Synergen	Dublin Bay - DB1	405	97.05	0.95	1.12	0.88
Tynagh Energy Ltd	Tynagh - TYC	384	77.17	8.95	10.77	3.11
Viridian	Huntstown - HN2	400	95.07	1.65	0.01	3.27
	Huntstown - HNC	342	83.41	7.20	5.60	3.79

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Table 5: Unit-by-Unit 365 Day Rolling Availability Demand Side Units – May 2019 to May 2020

Unit-by-Unit 365 Day Rolling Availability – May 2020					
Company	Unit	Monthly Availability %	Monthly Forced %	Monthly Scheduled %	Monthly Ambient %
Activation Energy	Activation Energy 1 – AE1	23.94	68.78	7.28	0
	Activation Energy 2 – AE2	16.68	74.42	8.9	0
	Activation Energy 3 – AE3	44.04	55.95	0.01	0
	Activation Energy 4 – AE4	61.69	38.28	0.03	0
	Activation Energy 5 – AE5	54.83	45.16	0.01	0
	Enernoc 1 - EN1	43.95	56.05	0	0
	Enernoc 2 - EN2	15.6	84.4	0	0
	Enernoc 3-EN3	36.38	61.65	1.97	0
	Enernoc 4-EN4	36.42	63.57	0.01	0
	Enernoc 5-EN5	41.53	55.15	3.32	0
	Enernoc 6-EN6	54.56	37.1	8.34	0
DAE VPP	DAE VPP – DP1	59.07	0.02	40.91	0
	DAE VPP – DP2	3.46	0	96.54	0
Electricity Exchange Ltd	Electricity Exchange – EE1	52.07	0.01	47.92	0
	Electricity Exchange – EE2	28.76	0	71.24	0
	Electricity Exchange – EE3	26.6	0	73.4	0
	Electricity Exchange – EE4	17.38	0.19	82.43	0
	Electricity Exchange – EE5	65.7	0.02	34.28	0
	Electricity Exchange – EE6	46.2	0.01	53.79	0
Electric Ireland	Electric Ireland – EI1	60.68	0.21	39.11	0
Endeco	Endeco 1 – EC1	45.84	0.06	54.1	0
	Endeco 2 – EC2	12.56	0	87.44	0
	Endeco 5 – EC5	48.98	0.09	50.93	0
Energy Trading Ireland	Energy Trading – ET1	55.22	44.78	0	0
Powerhouse	Powerhouse – PG1	36.73	63.27	0	0
Viridian	Viridian Energy – VE1	31.37	0	68.63	0
	Viridian Energy – VE2	16.75	0	83.25	0

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

	Yearly Availability %	Yearly Forced %	Yearly Scheduled %	Yearly Ambient %
System Total Average Availability	77.68	13.61	7.77	0.94