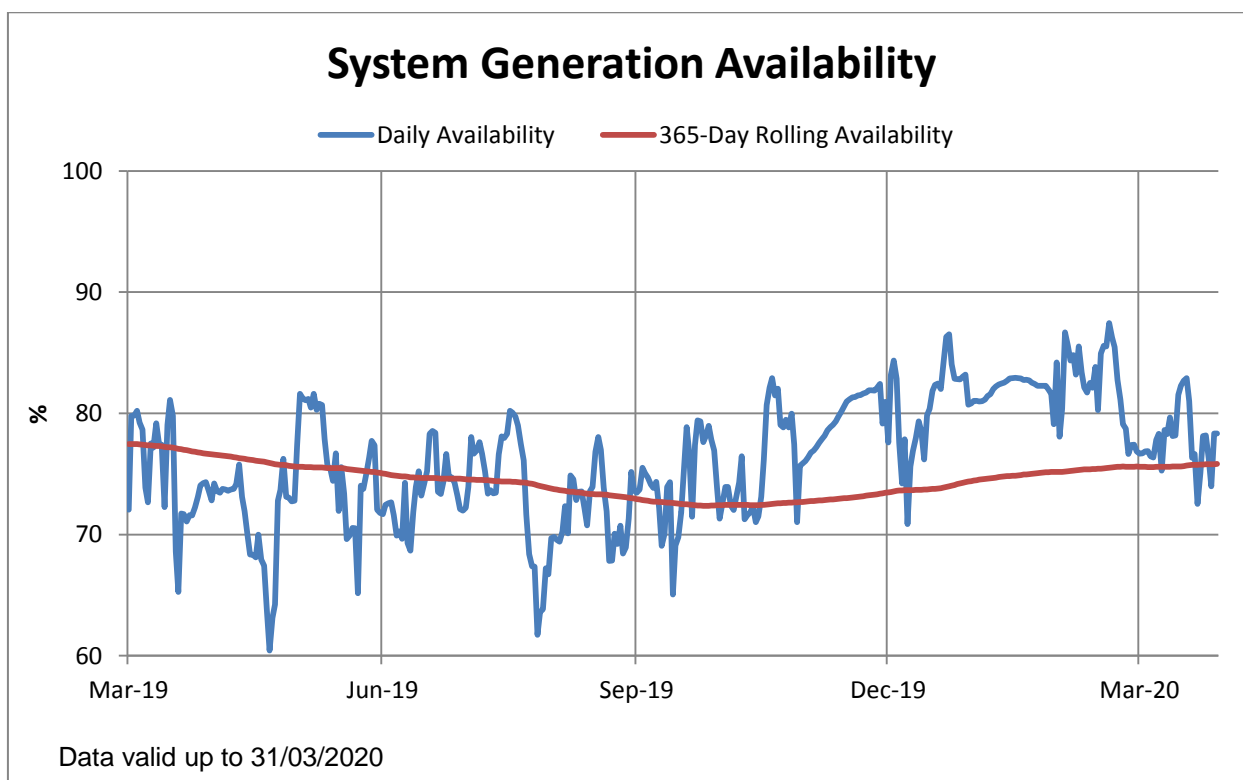


EirGrid Monthly Availability Report – March 2020

Availability report for March 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

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¹ Based on EDIL (Electronic Dispatch Instruction Logger) declarations.

Table 1: Unit-by-Unit Average Monthly Availability Conventional Units – March 2020

Unit-by-Unit Average Monthly Availability – March 2020						
Company	Unit	Capacity	Monthly Availability %	Monthly Forced %	Monthly Scheduled %	Monthly Ambient %
Aughinish Alumina Ltd	Seal Rock - SK3	85	95.51	0.00	0.00	4.49
	Seal Rock - SK4	85	97.65	0.00	0.00	2.35
Bord Gáis	Whitegate - WG1	444	99.44	0.00	0.00	0.56
Dublin Waste to Energy	DWTE - DW1	61.5	99.07	0.58	0.35	0.00
ESB Energy Ireland	Aghada - AD2	431	95.15	3.11	1.74	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	100.00	0.00	0.00	0.00
	Ardnacrusha - AA1	21	96.33	0.00	3.67	0.00
	Ardnacrusha - AA2	22	100.00	0.00	0.00	0.00
	Ardnacrusha - AA3	19	99.31	0.35	0.34	0.00
	Ardnacrusha - AA4	24	90.40	6.44	3.16	0.00
	Erne - ER1	10	99.17	0.83	0.00	0.00
	Erne - ER2	10	99.17	0.83	0.00	0.00
	Erne - ER3	22	99.84	0.16	0.00	0.00
	Erne - ER4	22	99.51	0.49	0.00	0.00
	Lee - LE1	15	100.00	0.00	0.00	0.00
	Lee - LE2	4	100.00	0.00	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	99.47	0.53	0.00	0.00
	Liffey - LI4	4	37.30	62.70	0.00	0.00
	Liffey - LI5	4	100.00	0.00	0.00	0.00
	Lough Ree - LR4	91	72.32	27.68	0.00	0.00
	Moneypoint - MP1	285	47.75	52.25	0.00	0.00
	Moneypoint - MP2	285	10.78	88.58	0.64	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	99.91	0.09	0.00	0.00
	Poolbeg - PBB	231	100.00	0.00	0.00	0.00
	Turlough Hill - TH1	73	100.00	0.00	0.00	0.00
Turlough Hill - TH2	73	99.83	0.17	0.00	0.00	
Turlough Hill - TH3	73	100.00	0.00	0.00	0.00	
Turlough Hill - TH4	73	100.00	0.00	0.00	0.00	
West Offaly - WO4	137	58.87	41.13	0.00	0.00	
Edenderry Power Ltd	Edenderry - ED1	118	99.07	0.93	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	99.73	0.00	0.00	0.27
	Rhode - RP1	52	98.71	1.29	0.00	0.00
	Rhode - RP2	52	99.87	0.13	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	100.00	0.00	0.00	0.00
	Tarbert - TB4	243	100.00	0.00	0.00	0.00
	Tawnaghmore - TP1	52	99.96	0.04	0.00	0.00
Tawnaghmore - TP3	52	100.00	0.00	0.00	0.00	
Indaver	Indaver - IW1	16	97.65	2.35	0.00	0.00
Synergen	Dublin Bay - DB1	405	100.00	0.00	0.00	0.00
Tynagh Energy Ltd	Tynagh - TYC	384	64.39	0.90	32.71	2.00
Viridian	Huntstown - HN2	400	93.25	5.41	0.00	1.34
	Huntstown - HNC	342	97.28	0.00	0.00	2.72

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

Unit-by-Unit Average Monthly Availability – March 2020					
Company	Unit	Monthly Availability %	Monthly Forced %	Monthly Scheduled %	Monthly Ambient %
Activation Energy	Activation Energy 1 – AE1	20.97	73.44	5.59	0
	Activation Energy 2 – AE2	14.3	56.34	29.36	0
	Activation Energy 3 – AE3	39.33	60.67	0	0
	Activation Energy 4 – AE4	33.26	66.74	0	0
	Activation Energy 5 – AE5	43.33	56.64	0.03	0
	Enernoc 1 - EN1	27.55	72.45	0	0
	Enernoc 2 - EN2	23.84	76.16	0	0
	Enernoc 3-EN3	31.03	46.13	22.84	0
	Enernoc 4-EN4	33.15	66.85	0	0
	Enernoc 5-EN5	18.76	80.04	1.2	0
	Enernoc 6-EN6	33.24	35.2	31.56	0
DAE VPP	DAE VPP – DP1	71.1	0.05	28.85	0
	DAE VPP – DP2	0	0	100	0
Electricity Exchange Ltd	Electricity Exchange – EE1	55.72	0	44.28	0
	Electricity Exchange – EE2	26.46	0	73.54	0
	Electricity Exchange – EE3	13.45	0	86.55	0
	Electricity Exchange – EE4	9.1	0	90.9	0
	Electricity Exchange – EE5	76.08	0	23.92	0
Electric Ireland	Electric Ireland – EI1	69.66	0.85	29.49	0
Endeco	Endeco 1 – EC1	43.01	0.64	56.35	0
	Endeco 2 – EC2	8.33	0	91.67	0
	Endeco 5 – EC5	51.36	0.31	48.33	0
Energy Trading Ireland	Energy Trading – ET1	0	0	0	0
Powerhouse	Powerhouse – PG1	33.81	66.19	0	0
Viridian	Viridian Energy – VE1	21.56	0	78.44	0
	Viridian Energy – VE2	0	0	100	0

Table 3: System Total Average Monthly Availability – March 2020

	Monthly Availability %	Monthly Forced %	Monthly Scheduled %	Monthly Ambient %
System Total Average Availability	77.83	15.6	6.13	0.44

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

Unit-by-Unit 365 Day Rolling Availability – March 2020						
Company	Unit	Capacity	Monthly Availability %	Monthly Forced %	Monthly Scheduled %	Monthly Ambient %
Aughinish Alumina Ltd	Seal Rock - SK3	85	89.45	1.55	3.28	5.72
	Seal Rock - SK4	85	88.25	1.49	6.04	4.22
Bord Gáis	Whitegate - WG1	444	90.77	2.83	4.41	1.99
Dublin Waste to Energy	DWTE - DW1	61.5	92.88	5.47	1.65	0.00
ESB Energy Ireland	Aghada - AD2	431	73.16	6.19	20.00	0.65
	Aghada - AT1	90	98.13	0.37	1.50	0.00
	Aghada - AT2	90	98.90	0.20	0.90	0.00
	Aghada - AT4	90	98.71	1.12	0.17	0.00
	Ardnacrusha - AA1	21	98.45	0.04	1.51	0.00
	Ardnacrusha - AA2	22	94.85	0.05	5.10	0.00
	Ardnacrusha - AA3	19	97.70	1.07	1.23	0.00
	Ardnacrusha - AA4	24	75.66	19.96	4.38	0.00
	Erne - ER1	10	94.10	3.32	2.58	0.00
	Erne - ER2	10	93.36	4.94	1.70	0.00
	Erne - ER3	22	96.82	1.57	1.61	0.00
	Erne - ER4	22	93.62	0.75	5.63	0.00
	Lee - LE1	15	92.85	1.49	5.66	0.00
	Lee - LE2	4	88.77	7.00	4.23	0.00
	Lee - LE3	8	96.06	0.26	3.68	0.00
	Liffey - LI1	15	95.11	3.87	1.02	0.00
	Liffey - LI2	15	89.91	9.42	0.67	0.00
	Liffey - LI4	4	91.19	6.85	1.96	0.00
	Liffey - LI5	4	99.78	0.18	0.04	0.00
	Lough Ree - LR4	91	66.28	28.72	5.00	0.00
	Moneypoint - MP1	285	68.12	31.88	0.00	0.00
	Moneypoint - MP2	285	65.25	22.99	11.76	0.00
	Moneypoint - MP3	285	38.77	61.23	0.00	0.00
	North Wall - NW5	104	48.90	0.62	50.14	0.34
	Poolbeg - PBA	231	79.04	8.20	12.76	0.00
	Poolbeg - PBB	231	82.45	13.07	4.48	0.00
	Turlough Hill - TH1	73	89.49	2.39	8.12	0.00
Turlough Hill - TH2	73	87.48	4.29	8.23	0.00	
Turlough Hill - TH3	73	88.15	3.77	8.08	0.00	
Turlough Hill - TH4	73	91.40	0.21	8.39	0.00	
West Offaly - WO4	137	80.86	14.21	4.93	0.00	
Edenderry Power Ltd	Edenderry - ED1	118	80.17	2.43	17.40	0.00
	Edenderry - ED3	58	98.79	0.00	1.21	0.00
	Edenderry - ED5	58	98.75	0.04	1.21	0.00
SSE Generation Ireland	Great Island - GI4	461	92.31	5.62	0.83	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	97.68	1.13	1.19	0.00
	Tarbert - TB2	54	94.60	3.48	1.92	0.00
	Tarbert - TB3	241	78.00	20.08	1.92	0.00
	Tarbert - TB4	243	93.08	4.73	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	89.11	7.24	3.65	0.00
Synergen	Dublin Bay - DB1	405	90.80	3.32	4.92	0.96
Tynagh Energy Ltd	Tynagh - TYC	384	85.00	7.37	4.22	3.41
Viridian	Huntstown - HN2	400	87.86	8.70	0.39	3.05
	Huntstown - HNC	342	83.27	7.27	5.72	3.74

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

Unit-by-Unit 365 Day Rolling Availability – March 2020					
Company	Unit	Monthly Availability %	Monthly Forced %	Monthly Scheduled %	Monthly Ambient %
Activation Energy	Activation Energy 1 – AE1	26.7	63.88	9.42	0
	Activation Energy 2 – AE2	14.94	76.76	8.3	0
	Activation Energy 3 – AE3	51.61	48.38	0.01	0
	Activation Energy 4 – AE4	73.4	26.29	0.31	0
	Activation Energy 5 – AE5	54.63	40.86	4.51	0
	Enernoc 1-EN1	40.53	59.47	0	0
	Enernoc 2-EN2	15.02	84.98	0	0
	Enernoc3-EN3	32.75	65.26	1.99	0
	Enernoc 4-EN4	32.44	67.55	0.01	0
	Enernoc 5-EN5	47.02	48.36	4.62	0
	Enernoc 6-EN6	58.26	31.63	10.11	0
DAE VPP	DAE VPP – DP1	57.57	0.02	42.41	0
	DAE VPP – DP2	3.46	0	96.54	0
Electricity Exchange Ltd	Electricity Exchange – EE1	52.81	0.01	47.18	0
	Electricity Exchange – EE2	29.28	0	70.72	0
	Electricity Exchange – EE3	29.06	0	70.94	0
	Electricity Exchange – EE4	23.28	0.2	76.52	0
	Electricity Exchange – EE5	65.49	0	34.51	0
Electric Ireland	Electric Ireland – EI1	63.54	0.1	36.36	0
Endeco	Endeco 1 – EC1	49.8	0.06	50.14	0
	Endeco 2 – EC2	15.34	0	84.66	0
	Endeco 5 – EC5	52.62	0.09	47.29	0
Energy Trading Ireland	Energy Trading – ET1	59.32	40.68	0	0
Powerhouse	Powerhouse – PG1	39.04	60.96	0	0
Viridian	Viridian Energy – VE1	35.75	0	64.25	0
	Viridian Energy – VE2	26.85	0	73.15	0

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

	Yearly Availability %	Yearly Forced %	Yearly Scheduled %	Yearly Ambient %
System Total Average Availability	77.62	13.77	7.67	0.94

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