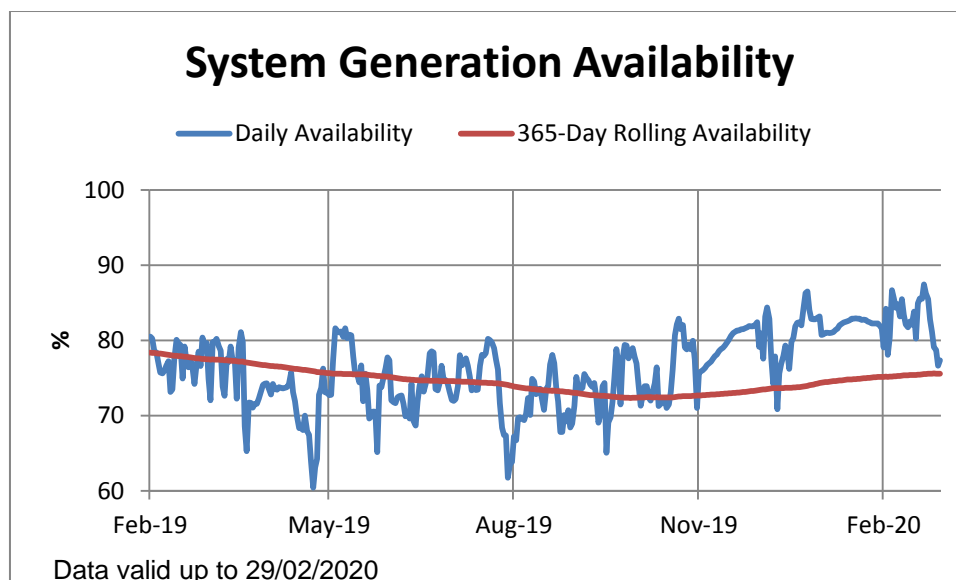


EirGrid Monthly Availability Report – February 2020

Availability report for February 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

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

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

Unit-by-Unit Average Monthly Availability – February 2020						
Company	Unit	Capacity	Monthly Availability %	Monthly Forced %	Monthly Scheduled %	Monthly Ambient %
Aughinish Alumina Ltd	Seal Rock - SK3	85	95.44	0.26	0.00	4.30
	Seal Rock - SK4	85	81.52	16.44	0.00	2.04
Bord Gáis	Whitegate - WG1	444	92.44	6.33	0.00	1.23
Dublin Waste to Energy	DWTE - DW1	61.5	97.67	2.14	0.19	0.00
ESB Energy Ireland	Aghada - AD2	431	88.88	11.12	0.00	0.00
	Aghada - AT1	90	92.78	1.57	5.65	0.00
	Aghada - AT2	90	98.51	1.49	0.00	0.00
	Aghada - AT4	90	98.26	0.26	1.48	0.00
	Ardnacrusha - AA1	21	99.82	0.18	0.00	0.00
	Ardnacrusha - AA2	22	99.71	0.29	0.00	0.00
	Ardnacrusha - AA3	19	98.58	1.20	0.22	0.00
	Ardnacrusha - AA4	24	32.20	67.15	0.65	0.00
	Erne - ER1	10	96.24	3.76	0.00	0.00
	Erne - ER2	10	99.94	0.06	0.00	0.00
	Erne - ER3	22	99.54	0.46	0.00	0.00
	Erne - ER4	22	99.51	0.49	0.00	0.00
	Lee - LE1	15	99.23	0.06	0.71	0.00
	Lee - LE2	4	99.93	0.07	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	82.21	17.79	0.00	0.00
	Liffey - LI5	4	100.00	0.00	0.00	0.00
	Lough Ree - LR4	91	96.13	3.87	0.00	0.00
	Moneypoint - MP1	285	61.92	38.08	0.00	0.00
	Moneypoint - MP2	285	79.93	20.07	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	99.28	0.18	0.54	0.00
	Poolbeg - PBB	231	99.46	0.00	0.54	0.00
	Turlough Hill - TH1	73	100.00	0.00	0.00	0.00
	Turlough Hill - TH2	73	95.61	4.39	0.00	0.00
	Turlough Hill - TH3	73	98.57	0.00	1.43	0.00
	Turlough Hill - TH4	73	98.97	0.07	0.96	0.00
West Offaly - WO4	137	77.08	22.92	0.00	0.00	
Edenderry Power Ltd	Edenderry - ED1	118	97.39	2.61	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	95.46	3.89	0.00	0.65
	Rhode - RP1	52	98.93	1.07	0.00	0.00
	Rhode - RP2	52	99.28	0.72	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	85.08	14.92	0.00	0.00
	Tarbert - TB4	243	99.64	0.36	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	99.10	0.90	0.00	0.00
Synergen	Dublin Bay - DB1	405	98.16	1.84	0.00	0.00
Tynagh Energy Ltd	Tynagh - TYC	384	96.72	0.00	0.00	3.28
Viridian	Huntstown - HN2	400	96.77	1.25	0.00	1.98
	Huntstown - HNC	342	96.29	0.00	0.00	3.71

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

Unit-by-Unit Average Monthly Availability – February 2020					
Company	Unit	Monthly Availability %	Monthly Forced %	Monthly Scheduled %	Monthly Ambient %
Activation Energy	Activation Energy 1 – AE1	26.23	73.02	0.75	0
	Activation Energy 2 – AE2	11.41	71.3	17.29	0
	Activation Energy 3 – AE3	52.61	47.39	0	0
	Activation Energy 4 – AE4	100	0	0	0
	Activation Energy 5 – AE5	56.1	43.9	0	0
	Enernoc 1 - EN1	81.25	18.75	0	0
	Enernoc 2 - EN2	68.91	31.09	0	0
	Enernoc 3-EN3	96.8	3.2	0	0
	Enernoc 4-EN4	99.26	0.74	0	0
	Enernoc 5-EN5	51.16	41.52	7.32	0
	Enernoc 6-EN6	46.67	37	16.33	0
DAE VPP	DAE VPP – DP1	56.14	0	43.86	0
	DAE VPP – DP2	8.96	0	91.04	0
Electricity Exchange Ltd	Electricity Exchange – EE1	56.44	0	43.56	0
	Electricity Exchange – EE2	19.92	0	80.08	0
	Electricity Exchange – EE3	20.52	0	79.48	0
	Electricity Exchange – EE4	11.7	0	88.3	0
	Electricity Exchange – EE5	77.17	0	22.83	0
Electric Ireland	Electric Ireland – EI1	73.54	0.32	26.14	0
Endeco	Endeco 1 – EC1	45.75	0	54.25	0
	Endeco 2 – EC2	8.33	0	91.67	0
	Endeco 5 – EC5	53.17	0.28	46.55	0
Energy Trading Ireland	Energy Trading – ET1	36.26	63.74	0	0
Powerhouse	Powerhouse – PG1	20.08	0	79.92	0
Viridian	Viridian Energy – VE1	0	0	100	0
	Viridian Energy – VE2	0	0	0	0

Table 3: System Total Average Monthly Availability – February 2020

	Monthly Availability %	Monthly Forced %	Monthly Scheduled %	Monthly Ambient %
System Total Average Availability	82.71	12.49	4.17	0.63

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 – February 2019 to February 2020

Unit-by-Unit 365 Day Rolling Availability – February 2020						
Company	Unit	Capacity	Yearly Availability %	Yearly Forced %	Yearly Scheduled %	Yearly Ambient %
Aughinish Alumina Ltd	Seal Rock - SK3	85	89.54	1.55	3.28	5.63
	Seal Rock - SK4	85	87.53	1.54	6.71	4.22
Bord Gáis	Whitegate - WG1	444	90.75	2.83	4.41	2.01
Dublin Waste to Energy	DWTE - DW1	61.5	90.02	6.36	3.62	0.00
ESB Energy Ireland	Aghada - AD2	431	73.28	6.19	19.85	0.68
	Aghada - AT1	90	98.05	0.37	1.58	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	98.76	0.04	1.20	0.00
	Ardnacrusha - AA2	22	94.85	0.05	5.10	0.00
	Ardnacrusha - AA3	19	97.75	1.04	1.21	0.00
	Ardnacrusha - AA4	24	76.43	19.46	4.11	0.00
	Erne - ER1	10	94.09	3.33	2.58	0.00
	Erne - ER2	10	93.43	4.87	1.70	0.00
	Erne - ER3	22	96.73	1.66	1.61	0.00
	Erne - ER4	22	93.61	0.74	5.65	0.00
	Lee - LE1	15	92.85	1.49	5.66	0.00
	Lee - LE2	4	88.60	7.00	4.40	0.00
	Lee - LE3	8	96.06	0.26	3.68	0.00
	Liffey - LI1	15	94.94	3.87	1.19	0.00
	Liffey - LI2	15	89.22	10.11	0.67	0.00
	Liffey - LI4	4	95.92	2.12	1.96	0.00
	Liffey - LI5	4	99.70	0.26	0.04	0.00
	Lough Ree - LR4	91	68.33	26.66	5.01	0.00
	Moneypoint - MP1	285	70.12	29.88	0.00	0.00
	Moneypoint - MP2	285	65.19	23.11	11.70	0.00
	Moneypoint - MP3	285	44.83	55.17	0.00	0.00
	North Wall - NW5	104	57.38	0.62	41.66	0.34
	Poolbeg - PBA	231	77.42	9.82	12.76	0.00
	Poolbeg - PBB	231	79.77	15.75	4.48	0.00
	Turlough Hill - TH1	73	89.46	2.42	8.12	0.00
	Turlough Hill - TH2	73	87.37	4.40	8.23	0.00
Turlough Hill - TH3	73	88.09	3.82	8.09	0.00	
Turlough Hill - TH4	73	91.40	0.21	8.39	0.00	
West Offaly - WO4	137	84.33	10.74	4.93	0.00	
Edenderry Power Ltd	Edenderry - ED1	118	80.24	2.36	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	90.50	7.29	0.84	1.37
	Rhode - RP1	52	93.49	6.51	0.00	0.00
	Rhode - RP2	52	93.58	4.45	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	88.08	8.06	3.86	0.00
Synergen	Dublin Bay - DB1	405	87.23	4.04	7.77	0.96
Tynagh Energy Ltd	Tynagh - TYC	384	87.65	7.29	1.45	3.61
Viridian	Huntstown - HN2	400	84.73	11.84	0.39	3.04
	Huntstown - HNC	342	83.29	7.27	5.72	3.72

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

Unit-by-Unit 365 Day Rolling Availability – February 2020					
Company	Unit	Yearly Availability %	Yearly Forced %	Yearly Scheduled %	Yearly Ambient %
Activation Energy	Activation Energy 1 – AE1	27.06	62.33	10.61	0
	Activation Energy 2 – AE2	14.04	80.42	5.54	0
	Activation Energy 3 – AE3	53.72	46.27	0.01	0
	Activation Energy 4 – AE4	72.1	21.02	6.88	0
	Activation Energy 5 – AE5	55.36	36.73	7.91	0
	Enernoc 1-EN1	38.19	61.81	0	0
	Enernoc 2-EN2	13.01	86.99	0	0
	Enernoc3-EN3	30.2	69.8	0	0
	Enernoc 4-EN4	29.63	70.36	0.01	0
	Enernoc 5-EN5	49.78	45.17	5.05	0
	Enernoc 6-EN6	60.85	31.43	7.72	0
DAE VPP	DAE VPP – DP1	56.45	0.02	43.53	0
	DAE VPP – DP2	3.46	0	96.54	0
Electricity Exchange Ltd	Electricity Exchange – EE1	52.36	0.01	47.63	0
	Electricity Exchange – EE2	30.38	0	69.62	0
	Electricity Exchange – EE3	31.87	0	68.13	0
	Electricity Exchange – EE4	28	0.2	71.8	0
	Electricity Exchange – EE5	63.11	0	36.89	0
Electric Ireland	Electric Ireland – EI1	64.67	0.04	35.29	0
Endeco	Endeco 1 – EC1	51.73	0	48.27	0
	Endeco 2 – EC2	16.76	0	83.24	0
	Endeco 5 – EC5	52.73	0.06	47.21	0
Energy Trading Ireland	Energy Trading – ET1	60.11	39.89	0	0
Powerhouse	Powerhouse – PG1	40.22	59.78	0	0
Viridian	Viridian Energy – VE1	37.86	0	62.14	0
	Viridian Energy – VE2	32.14	0	67.86	0

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

	Yearly Availability %	Yearly Forced %	Yearly Scheduled %	Yearly Ambient %
System Total Average Availability	77.68	13.82	7.53	0.97

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