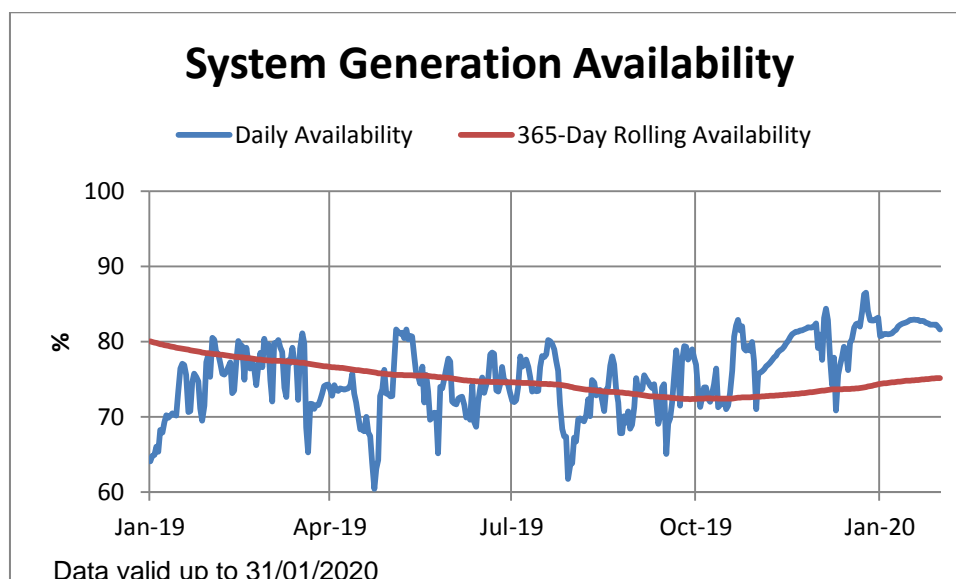


## EirGrid Monthly Availability Report – January 2020

Availability report for January 2020<sup>1</sup>.



### 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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<sup>1</sup> Based on EDIL (Electronic Dispatch Instruction Logger) declarations.

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

Unit-by-Unit Average Monthly Availability – January 2020						
Company	Unit	Capacity	Monthly Availability %	Monthly Forced %	Monthly Scheduled %	Monthly Ambient %
Aughinish Alumina Ltd	Seal Rock - SK3	85	85.26	0.15	11.64	2.95
	Seal Rock - SK4	85	97.10	0.00	0.00	2.90
Bord Gáis	Whitegate - WG1	444	99.31	0.00	0.00	0.69
Dublin Waste to Energy	DWTE - DW1	61.5	96.55	2.33	1.12	0.00
ESB Energy Ireland	Aghada - AD2	431	96.59	3.37	0.00	0.04
	Aghada - AT1	90	98.51	1.49	0.00	0.00
	Aghada - AT2	90	98.51	1.49	0.00	0.00
	Aghada - AT4	90	100.00	0.00	0.00	0.00
	Ardnacrusha - AA1	21	99.83	0.17	0.00	0.00
	Ardnacrusha - AA2	22	99.94	0.06	0.00	0.00
	Ardnacrusha - AA3	19	91.31	8.69	0.00	0.00
	Ardnacrusha - AA4	24	12.63	85.57	1.80	0.00
	Erne - ER1	10	98.72	1.28	0.00	0.00
	Erne - ER2	10	98.45	1.28	0.27	0.00
	Erne - ER3	22	98.89	1.11	0.00	0.00
	Erne - ER4	22	98.89	1.11	0.00	0.00
	Lee - LE1	15	99.29	0.00	0.71	0.00
	Lee - LE2	4	98.82	0.00	1.18	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	99.81	0.00	0.19	0.00
	Liffey - LI4	4	99.76	0.13	0.11	0.00
	Liffey - LI5	4	100.00	0.00	0.00	0.00
	Lough Ree - LR4	91	93.97	6.03	0.00	0.00
	Moneypoint - MP1	285	9.01	90.99	0.00	0.00
	Moneypoint - MP2	285	100.00	0.00	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	99.16	0.47	0.37	0.00
	Poolbeg - PBB	231	99.39	0.40	0.21	0.00
	Turlough Hill - TH1	73	98.14	0.76	1.10	0.00
	Turlough Hill - TH2	73	99.20	0.00	0.80	0.00
	Turlough Hill - TH3	73	99.60	0.40	0.00	0.00
	Turlough Hill - TH4	73	99.93	0.07	0.00	0.00
West Offaly - WO4	137	93.56	6.44	0.00	0.00	
Edenderry Power Ltd	Edenderry - ED1	118	99.53	0.47	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	89.03	10.83	0.00	0.14
	Rhode - RP1	52	92.66	7.34	0.00	0.00
	Rhode - RP2	52	96.02	3.98	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	95.19	4.81	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	85.75	14.25	0.00	0.00
Synergen	Dublin Bay - DB1	405	99.99	0.01	0.00	0.00
Tynagh Energy Ltd	Tynagh - TYC	384	97.79	0.00	0.00	2.21
Viridian	Huntstown - HN2	400	98.48	0.00	0.00	1.52
	Huntstown - HNC	342	93.37	4.01	0.00	2.62

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

Unit-by-Unit Average Monthly Availability – January 2020					
Company	Unit	Monthly Availability %	Monthly Forced %	Monthly Scheduled %	Monthly Ambient %
Activation Energy	Activation Energy 1 – AE1	26.87	72.83	0.3	0
	Activation Energy 2 – AE2	16.99	67.28	15.73	0
	Activation Energy 3 – AE3	42.22	57.76	0.02	0
	Activation Energy 4 – AE4	68.16	31.84	0	0
	Activation Energy 5 – AE5	54.9	45.1	0	0
	Enernoc 1 - EN1	56.56	43.44	0	0
	Enernoc 2 - EN2	46.36	53.64	0	0
	Enernoc 3-EN3	65.24	34.76	0	0
	Enernoc 4-EN4	68.23	31.77	0	0
	Enernoc 5-EN5	44.92	50.31	4.77	0
	Enernoc 6-EN6	46.46	39.7	13.84	0
DAE VPP	DAE VPP – DP1	57.69	0	42.31	0
	DAE VPP – DP2	27.03	0	72.97	0
Electricity Exchange Ltd	Electricity Exchange – EE1	49.99	0	50.01	0
	Electricity Exchange – EE2	16.88	0	83.12	0
	Electricity Exchange – EE3	21.36	0	78.64	0
	Electricity Exchange – EE4	10.62	0	89.38	0
	Electricity Exchange – EE5	59.14	0	40.86	0
Electric Ireland	Electric Ireland – EI1	73.42	0	26.58	0
Endeco	Endeco 1 – EC1	39.78	0	60.22	0
	Endeco 2 – EC2	8.33	0	91.67	0
	Endeco 5 – EC5	51.37	0	48.63	0
Energy Trading Ireland	Energy Trading – ET1	0	0	0	0
Powerhouse	Powerhouse – PG1	36.26	63.74	0	0
Viridian	Viridian Energy – VE1	18.56	0	81.44	0
	Viridian Energy – VE2	0	0	100	0

**Table 3: System Total Average Monthly Availability – January 2020**

	Monthly Availability %	Monthly Forced %	Monthly Scheduled %	Monthly Ambient %
<b>System Total Average Availability</b>	81.71	13.52	4.32	0.45

*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 – January 2019 to January 2020

Unit-by-Unit 365 Day Rolling Availability – January 2020						
Company	Unit	Capacity	Yearly Availability %	Yearly Forced %	Yearly Scheduled %	Yearly Ambient %
Aughinish Alumina Ltd	Seal Rock - SK3	85	88.29	1.88	4.22	5.61
	Seal Rock - SK4	85	88.70	0.14	6.71	4.45
Bord Gáis	Whitegate - WG1	444	91.07	2.53	4.41	1.99
Dublin Waste to Energy	DWTE - DW1	61.5	89.94	6.46	3.60	0.00
ESB Energy Ireland	Aghada - AD2	431	73.92	5.52	19.85	0.71
	Aghada - AT1	90	98.54	0.36	1.10	0.00
	Aghada - AT2	90	98.90	0.20	0.90	0.00
	Aghada - AT4	90	98.86	1.09	0.05	0.00
	Ardnacrusha - AA1	21	98.77	0.03	1.20	0.00
	Ardnacrusha - AA2	22	94.88	0.02	5.10	0.00
	Ardnacrusha - AA3	19	96.87	1.94	1.19	0.00
	Ardnacrusha - AA4	24	81.64	14.31	4.05	0.00
	Erne - ER1	10	94.38	3.01	2.61	0.00
	Erne - ER2	10	93.26	4.96	1.78	0.00
	Erne - ER3	22	96.75	1.62	1.63	0.00
	Erne - ER4	22	93.60	0.70	5.70	0.00
	Lee - LE1	15	92.80	1.48	5.72	0.00
	Lee - LE2	4	88.57	6.99	4.44	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	87.55	11.78	0.67	0.00
	Liffey - LI4	4	97.42	0.62	1.96	0.00
	Liffey - LI5	4	99.70	0.26	0.04	0.00
	Lough Ree - LR4	91	68.66	26.33	5.01	0.00
	Moneypoint - MP1	285	71.43	28.57	0.00	0.00
	Moneypoint - MP2	285	58.95	29.35	11.70	0.00
	Moneypoint - MP3	285	51.68	48.32	0.00	0.00
	North Wall - NW5	104	65.33	0.62	33.71	0.34
	Poolbeg - PBA	231	74.76	11.23	14.01	0.00
	Poolbeg - PBB	231	77.57	18.00	4.43	0.00
	Turlough Hill - TH1	73	89.39	2.42	8.19	0.00
Turlough Hill - TH2	73	87.74	4.03	8.23	0.00	
Turlough Hill - TH3	73	88.13	3.90	7.97	0.00	
Turlough Hill - TH4	73	91.43	0.21	8.36	0.00	
West Offaly - WO4	137	85.94	9.13	4.93	0.00	
Edenderry Power Ltd	Edenderry - ED1	118	80.46	2.14	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	85.86	11.83	0.99	1.32
	Rhode - RP1	52	93.55	6.45	0.00	0.00
	Rhode - RP2	52	93.62	4.41	1.97	0.00
	Tarbert - TB1	54	97.68	1.13	1.19	0.00
	Tarbert - TB2	54	94.55	3.53	1.92	0.00
	Tarbert - TB3	241	78.62	18.81	2.57	0.00
	Tarbert - TB4	243	93.11	4.70	2.19	0.00
	Tawnaghmore - TP1	52	99.96	0.04	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	87.39	3.88	7.77	0.96
Tynagh Energy Ltd	Tynagh - TYC	384	87.34	7.51	1.45	3.70
Viridian	Huntstown - HN2	400	84.84	11.73	0.39	3.04
	Huntstown - HNC	342	83.36	7.27	5.72	3.65

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

Unit-by-Unit 365 Day Rolling Availability – January 2020					
Company	Unit	Yearly Availability %	Yearly Forced %	Yearly Scheduled %	Yearly Ambient %
Activation Energy	Activation Energy 1 – AE1	27.05	60.81	12.14	0
	Activation Energy 2 – AE2	14.19	81.82	3.99	0
	Activation Energy 3 – AE3	54.65	45.34	0.01	0
	Activation Energy 4 – AE4	65.27	23.94	10.79	0
	Activation Energy 5 – AE5	55.34	33.32	11.34	0
	Enernoc 1-EN1	31.73	68.27	0	0
	Enernoc 2-EN2	7.4	92.6	0	0
	Enernoc3-EN3	22.37	77.63	0	0
	Enernoc 4-EN4	21.75	78.24	0.01	0
	Enernoc 5-EN5	49.65	45.17	5.18	0
	Enernoc 6-EN6	62.26	31.01	6.73	0
DAE VPP	DAE VPP – DP1	56.32	0.02	43.66	0
	DAE VPP – DP2	3.04	0	96.96	0
Electricity Exchange Ltd	Electricity Exchange – EE1	51.65	0.01	48.34	0
	Electricity Exchange – EE2	32.17	0	67.83	0
	Electricity Exchange – EE3	33.89	0	66.11	0
	Electricity Exchange – EE4	32.45	0.2	67.35	0
	Electricity Exchange – EE5	59.91	0	40.09	0
Electric Ireland	Electric Ireland – EI1	64.8	0.02	35.18	0
Endeco	Endeco 1 – EC1	53.21	0	46.79	0
	Endeco 2 – EC2	18.08	0	81.92	0
	Endeco 5 – EC5	52.89	0.04	47.07	0
Energy Trading Ireland	Energy Trading – ET1	59.46	40.54	0	0
Powerhouse	Powerhouse – PG1	41.54	58.46	0	0
Viridian	Viridian Energy – VE1	39.53	0	60.47	0
	Viridian Energy – VE2	36.56	0	63.44	0

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

	Yearly Availability %	Yearly Forced %	Yearly Scheduled %	Yearly Ambient %
<b>System Total Average Availability</b>	77.54	14.03	7.46	0.97

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