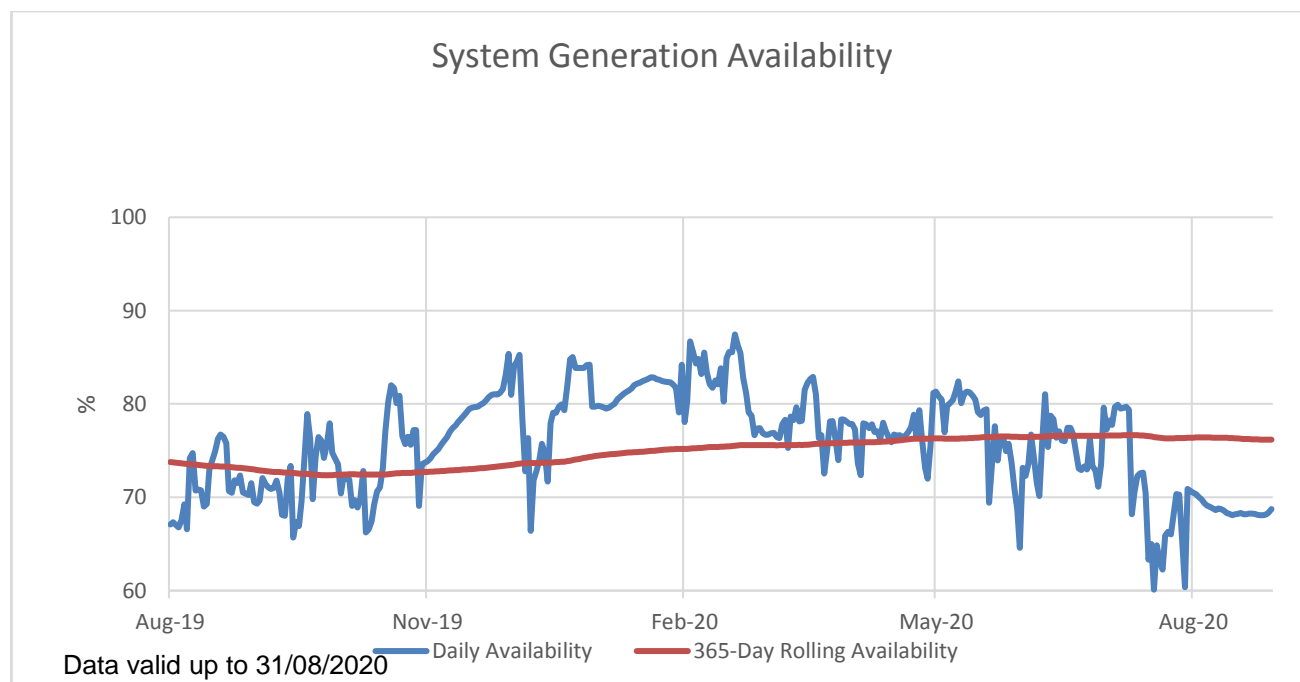


## EirGrid Monthly Availability Report – August 2020

Availability report for August 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

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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 – August 2020**

Unit-by-Unit Average Monthly Availability – August 2020						
Company	Unit	Capacity	Monthly Availability %	Monthly Forced %	Monthly Scheduled %	Monthly Ambient %
Aughinish Alumina Ltd	Seal Rock - SK3	85	90.96	3.17	0.19	5.68
	Seal Rock - SK4	85	90.55	3.78	0.00	5.67
Bord Gáis	Whitegate - WG1	444	71.30	1.96	22.85	3.89
Dublin Waste to Energy	DWTE - DW1	61.5	96.71	3.29	0.00	0.00
ESB Energy Ireland	Aghada - AD2	431	94.38	5.52	0.00	0.10
	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	94.66	0.00	5.34	0.00
	Ardnacrusha - AA1	21	40.37	12.43	47.20	0.00
	Ardnacrusha - AA2	22	99.89	0.11	0.00	0.00
	Ardnacrusha - AA3	19	78.95	21.05	0.00	0.00
	Ardnacrusha - AA4	24	99.77	0.23	0.00	0.00
	Erne - ER1	10	99.87	0.13	0.00	0.00
	Erne - ER2	10	89.29	0.00	10.71	0.00
	Erne - ER3	22	92.09	7.91	0.00	0.00
	Erne - ER4	22	100.00	0.00	0.00	0.00
	Lee - LE1	15	98.45	1.55	0.00	0.00
	Lee - LE2	4	98.35	1.65	0.00	0.00
	Lee - LE3	8	0.00	100.00	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	97.86	2.14	0.00	0.00
	Liffey - LI5	4	11.93	0.00	88.07	0.00
	Lough Ree - LR4	91	0.00	100.00	0.00	0.00
	Moneypoint - MP1	285	78.54	21.46	0.00	0.00
	Moneypoint - MP2	285	53.07	46.93	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	51.48	0.00	48.52	0.00
	Poolbeg - PBB	231	88.60	11.33	0.00	0.07
	Turlough Hill - TH1	73	99.95	0.05	0.00	0.00
	Turlough Hill - TH2	73	97.63	2.10	0.27	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	0.00	100.00	0.00	0.00	
Edenderry Power Ltd	Edenderry - ED1	118	34.41	9.68	55.91	0.00
	Edenderry - ED3	58	98.76	1.24	0.00	0.00
	Edenderry - ED5	58	100.00	0.00	0.00	0.00
SSE Generation Ireland	Great Island - GI4	461	86.59	10.37	0.00	3.04
	Rhode - RP1	52	99.86	0.14	0.00	0.00
	Rhode - RP2	52	36.83	63.17	0.00	0.00
	Tarbert - TB1	54	95.05	4.95	0.00	0.00
	Tarbert - TB2	54	52.79	47.21	0.00	0.00
	Tarbert - TB3	241	64.31	35.69	0.00	0.00
	Tarbert - TB4	243	38.52	21.70	39.78	0.00
	Tawnaghmore - TP1	52	92.79	0.25	6.96	0.00
Tawnaghmore - TP3	52	98.37	1.63	0.00	0.00	
Indaver	Indaver - IW1	16	83.66	16.34	0.00	0.00
Synergen	Dublin Bay - DB1	405	99.67	0.00	0.00	0.33
Tynagh Energy Ltd	Tynagh - TYC	384	83.24	10.81	0.00	5.95
Viridian	Huntstown - HN2	400	94.22	0.00	0.00	5.78
	Huntstown - HNC	342	92.58	0.00	0.21	7.21

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

Unit-by-Unit Average Monthly Availability – August 2020					
Company	Unit	Monthly Availability %	Monthly Forced %	Monthly Scheduled %	Monthly Ambient %
Activation Energy	Activation Energy 1 – AE1	37.27	52.83	9.9	0
	Activation Energy 2 – AE2	19.02	80.98	0	0
	Activation Energy 3 – AE3	26.96	73.04	0	0
	Activation Energy 4 – AE4	0	100	0	0
	Activation Energy 5 – AE5	56.2	43.8	0	0
	Enernoc 1 - EN1	0	100	0	0
	Enernoc 2 - EN2	0	100	0	0
	Enernoc 3-EN3	52.2	47.8	0	0
	Enernoc 4-EN4	78.01	21.99	0	0
	Enernoc 5-EN5	27.58	72.42	0	0
DAE VPP	DAE VPP – DP1	68.82	0	31.18	0
	DAE VPP – DP2	19.08	0	80.92	0
Electricity Exchange Ltd	Electricity Exchange – EE1	47.97	0.15	51.88	0
	Electricity Exchange – EE2	30.12	0	69.88	0
	Electricity Exchange – EE3	21.76	0	78.24	0
	Electricity Exchange – EE4	16.68	0	83.32	0
	Electricity Exchange – EE5	55.09	0	44.91	0
	Electricity Exchange – EE6	72	0	28	0
Electric Ireland	Electric Ireland – EI1	39.85	0	60.15	0
Endeco	Endeco 1 – EC1	25.02	0	74.98	0
	Endeco 2 – EC2	32.92	0	67.08	0
	Endeco 5 – EC5	0	100	0	0
Energy Trading Ireland	Energy Trading – ET1	25.26	74.74	0	0
Powerhouse	Powerhouse – PG1	12.9	0	87.1	0
Viridian	Viridian Energy – VE1	0	0	100	0
	Viridian Energy – VE2	37.27	52.83	9.9	0

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

	Monthly Availability %	Monthly Forced %	Monthly Scheduled %	Monthly Ambient %
<b>System Total Average Availability</b>	68.74	20.16	9.55	1.55

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

Unit-by-Unit 365 Day Rolling Availability – August 2020						
Company	Unit	Capacity	Annual Availability %	Annual Forced %	Annual Scheduled %	Annual Ambient %
Aughinish Alumina Ltd	Seal Rock - SK3	85	89.62	1.18	3.60	5.60
	Seal Rock - SK4	85	92.10	3.06	0.68	4.16
Bord Gáis	Whitegate - WG1	444	90.23	5.39	2.06	2.32
Dublin Waste to Energy	DWTE - DW1	61.5	90.12	6.42	3.46	0.00
ESB Energy Ireland	Aghada - AD2	431	73.63	7.91	18.43	0.03
	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	99.31	0.03	0.66	0.00
	Ardnacrusha - AA1	21	93.31	1.09	5.60	0.00
	Ardnacrusha - AA2	22	95.30	0.07	4.63	0.00
	Ardnacrusha - AA3	19	95.31	3.25	1.44	0.00
	Ardnacrusha - AA4	24	74.99	19.97	5.04	0.00
	Erne - ER1	10	94.43	1.28	4.29	0.00
	Erne - ER2	10	94.76	2.18	3.06	0.00
	Erne - ER3	22	97.85	0.94	1.21	0.00
	Erne - ER4	22	98.57	0.24	1.19	0.00
	Lee - LE1	15	95.56	0.45	3.99	0.00
	Lee - LE2	4	65.80	30.23	3.97	0.00
	Lee - LE3	8	82.54	9.64	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	91.08	8.91	0.01	0.00
	Liffey - LI5	4	92.47	0.05	7.48	0.00
	Lough Ree - LR4	91	49.11	50.83	0.06	0.00
	Moneypoint - MP1	285	72.73	27.18	0.09	0.00
	Moneypoint - MP2	285	68.71	31.24	0.05	0.00
	Moneypoint - MP3	285	4.74	95.26	0.00	0.00
	North Wall - NW5	104	7.51	0.43	92.06	0.00
	Poolbeg - PBA	231	83.08	1.37	15.55	0.00
	Poolbeg - PBB	231	91.59	4.11	4.29	0.01
	Turlough Hill - TH1	73	93.11	5.68	1.21	0.00
Turlough Hill - TH2	73	93.84	4.42	1.74	0.00	
Turlough Hill - TH3	73	97.28	0.66	2.06	0.00	
Turlough Hill - TH4	73	97.96	0.26	1.78	0.00	
West Offaly - WO4	137	61.17	38.83	0.00	0.00	
Edenderry Power Ltd	Edenderry - ED1	118	84.31	1.61	14.08	0.00
	Edenderry - ED3	58	99.89	0.11	0.00	0.00
	Edenderry - ED5	58	99.59	0.41	0.00	0.00
SSE Generation Ireland	Great Island - GI4	461	93.59	5.17	0.00	1.24
	Rhode - RP1	52	98.82	1.18	0.00	0.00
	Rhode - RP2	52	94.01	5.99	0.00	0.00
	Tarbert - TB1	54	98.36	1.64	0.00	0.00
	Tarbert - TB2	54	93.87	6.13	0.00	0.00
	Tarbert - TB3	241	90.10	7.34	2.56	0.00
	Tarbert - TB4	243	85.45	8.98	5.57	0.00
	Tawnaghmore - TP1	52	99.36	0.05	0.59	0.00
Tawnaghmore - TP3	52	99.86	0.14	0.00	0.00	
Indaver	Indaver - IW1	16	89.53	10.47	0.00	0.00
Synergen	Dublin Bay - DB1	405	95.09	3.71	1.12	0.08
Tynagh Energy Ltd	Tynagh - TYC	384	77.62	8.40	10.77	3.21
Viridian	Huntstown - HN2	400	95.07	1.75	0.01	3.17
	Huntstown - HNC	342	87.75	6.10	2.10	4.05

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 – August 2019 to August 2020**

Unit-by-Unit 365 Day Rolling Availability – August 2020					
Company	Unit	Annual Availability %	Annual Forced %	Annual Scheduled %	Annual Ambient %
Activation Energy	Activation Energy 1 – AE1	26.83	68.63	4.54	0
	Activation Energy 2 – AE2	17.45	74.97	7.58	0
	Activation Energy 3 – AE3	41.49	58.5	0.01	0
	Activation Energy 4 – AE4	38.53	61.44	0.03	0
	Activation Energy 5 – AE5	54.96	45.02	0.02	0
	Enernoc 1-EN1	32.2	67.8	0	0
	Enernoc 2-EN2	15.37	84.63	0	0
	Enernoc3-EN3	49.22	48.84	1.94	0
	Enernoc 4-EN4	51.93	48	0.07	0
	Enernoc 5-EN5	36.22	61.05	2.73	0
	Enernoc 6-EN6	45.01	37.65	17.34	0
DAE VPP	DAE VPP – DP1	67.5	0	32.5	0
	DAE VPP – DP2	5.56	0	94.44	0
Electricity Exchange Ltd	Electricity Exchange – EE1	50.42	0.03	49.55	0
	Electricity Exchange – EE2	28.57	0.02	71.41	0
	Electricity Exchange – EE3	23.52	0	76.48	0
	Electricity Exchange – EE4	13.08	0.01	86.91	0
	Electricity Exchange – EE5	66.7	0.02	33.28	0
	Electricity Exchange – EE6	57.5	0.2	42.3	0
Electric Ireland	Electric Ireland – EI1	41.6	0.06	58.34	0
Endeco	Endeco 1 – EC1	10.87	0	89.13	0
	Endeco 2 – EC2	44.28	0.09	55.63	0
	Endeco 5 – EC5	0	100	0	0
Energy Trading Ireland	Energy Trading – ET1	34.08	65.92	0	0
Powerhouse	Powerhouse – PG1	20.97	0.02	79.01	0
Viridian	Viridian Energy – VE1	3.86	0	96.14	0
	Viridian Energy – VE2	26.83	68.63	4.54	0

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

	Annual Availability %	Annual Forced %	Annual Scheduled %	Annual Ambient %
<b>System Total Average Availability</b>	76.35	15.42	7.35	0.88