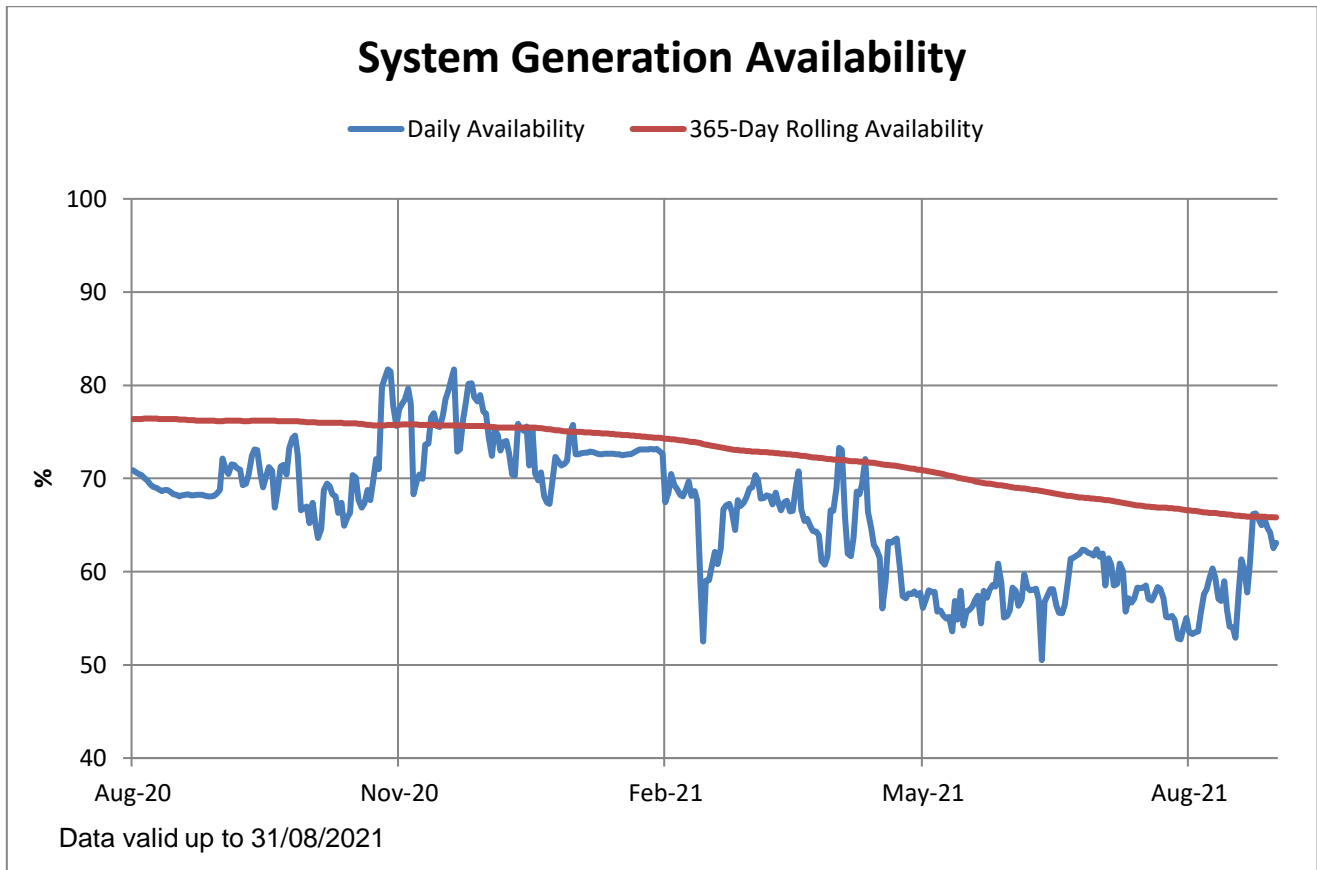


# EirGrid Monthly Availability Report – August 2021

Availability report for August 2021<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 – August 2021**

Unit-by-Unit Average Monthly Availability – August 2021							
Company	Unit	Capacity	Monthly Availability %	Monthly Forced %	Monthly Scheduled %	Monthly Ambient %	
Aughinish Alumina Ltd	Seal Rock - SK3	85	91.44	0.5	0	8.06	
	Seal Rock - SK4	85	75.27	18.64	0	6.09	
Bord Gáis	Whitegate - WG1	444	0	100	0	0	
Dublin Waste to Energy	DWTE - DW1	61.5	99.08	0.92	0	0	
ESB Energy Ireland	Aghada - AD2	431	98.15	1.03	0	0.82	
	Aghada - AT1	90	49.44	0	50.56	0	
	Aghada - AT2	90	12.37	0	87.63	0	
	Aghada - AT4	90	99.04	0.96	0	0	
	Ardnacrusha - AA1	21	94.3	5.7	0	0	
	Ardnacrusha - AA2	22	100	0	0	0	
	Ardnacrusha - AA3	19	26.89	0	73.11	0	
	Ardnacrusha - AA4	24	17.99	82.01	0	0	
	Erne - ER1	10	85.95	0.66	13.39	0	
	Erne - ER2	10	65.91	17.42	16.67	0	
	Erne - ER3	22	100	0	0	0	
	Erne - ER4	22	92.2	7.8	0	0	
	Lee - LE1	15	88.05	11.95	0	0	
	Lee - LE2	4	100	0	0	0	
	Lee - LE3	8	0	0	100	0	
	Liffey - LI1	15	0	100	0	0	
	Liffey - LI2	15	0	100	0	0	
	Liffey - LI4	4	100	0	0	0	
	Liffey - LI5	4	0	100	0	0	
	Moneypoint - MP1	285	90.04	9.96	0	0	
	Moneypoint - MP2	285	26.42	73.58	0	0	
	Moneypoint - MP3	285	59.12	40.88	0	0	
	North Wall - NW5	104	0	0	100	0	
	Poolbeg - PBA	231	91.13	0	8.06	0.81	
	Poolbeg - PBB	231	84.51	7.35	6.32	1.82	
	Turlough Hill - TH1	73	99.71	0.29	0	0	
	Turlough Hill - TH2	73	100	0	0	0	
	Turlough Hill - TH3	73	99.72	0.28	0	0	
	Turlough Hill - TH4	73	99.96	0.04	0	0	
	Edenderry Power Ltd	Edenderry - ED1	118	78.05	0.23	21.72	0
		Edenderry - ED3	58	100	0	0	0
		Edenderry - ED5	58	100	0	0	0
	SSE Generation Ireland	Great Island - GI4	461	96.4	0	0	3.6
Rhode - RP1		52	98.25	1.75	0	0	
Rhode - RP2		52	100	0	0	0	
Tarbert - TB1		54	82.96	17.04	0	0	
Tarbert - TB2		54	80.17	19.83	0	0	
Tarbert - TB3		241	0	26.88	73.12	0	
Tarbert - TB4		243	3.73	96.27	0	0	
Tawnaghmore - TP1		52	100	0	0	0	
Tawnaghmore - TP3	52	100	0	0	0		
Indaver	Indaver - IW1	16	83.56	16.44	0	0	
Synergen	Dublin Bay - DB1	405	65.42	7.27	27.05	0.26	
Tynagh Energy Ltd	Tynagh - TYC	384	86.73	0	6.83	6.44	
Viridian	Huntstown - HN2	400	0	100	0	0	
	Huntstown - HNC	342	93.72	0	0	6.28	

**Table 2: Unit-by-Unit Average Monthly Availability Demand Side Units – August 2021**

Unit-by-Unit Average Monthly Availability – August 2021					
Company	Unit	Monthly Availability %	Monthly Forced %	Monthly Scheduled %	Monthly Ambient %
Activation Energy	Activation Energy 1 – AE1	16.43	77.21	6.36	0
	Activation Energy 2 – AE2	30.54	53.93	15.53	0
	Activation Energy 3 – AE3	64.08	35.9	0.02	0
	Activation Energy 4 – AE4	0	100	0	0
	Activation Energy 5 – AE5	0	100	0	0
	Enernoc 1 - EN1	26.7	73.3	0	0
	Enernoc 2 - EN2	0	100	0	0
	Enernoc 3-EN3	70.24	29.76	0	0
	Enernoc 4-EN4	0	100	0	0
	Enernoc 5-EN5	18.4	74.45	7.15	0
	Enernoc 6-EN6	46.73	47.32	5.95	0
	Enernoc 8-EN8	58.04	40.26	1.7	0
	Enernoc 9-EN9	72.52	27.28	0.2	0
DAE VPP	DAE VPP – DP1	29.64	0	70.36	0
	DAE VPP – DP2	17.28	0	82.72	0
Electricity Exchange Ltd	Electricity Exchange – EE1	37.86	0.42	61.72	0
	Electricity Exchange – EE2	29.5	0	70.5	0
	Electricity Exchange – EE3	17.85	0	82.15	0
	Electricity Exchange – EE4	20.63	0	79.37	0
	Electricity Exchange – EE5	39.73	0	60.27	0
	Electricity Exchange – EE6	58.34	0	41.66	0
	Electricity Exchange – EE7	67.85	0.12	32.03	0
Electric Ireland	Electric Ireland – EI1	7.6	0	92.4	0
Endeco	Endeco 1 – EC1	38.86	0	61.14	0
	Endeco 2 – EC2	19.4	0	80.6	0
	Endeco 5 – EC5	42.17	0	57.83	0
Energy Trading Ireland	Energy Trading – ET1	20	80	0	0
Powerhouse	Powerhouse – PG1	29.84	70.16	0	0
Viridian	Viridian Energy – VE1	7.65	0	92.35	0
	Viridian Energy – VE2	0	0	100	0

**Table 3: System Total Average Monthly Availability – August 2021**

	Monthly Availability %	Monthly Forced %	Monthly Scheduled %	Monthly Ambient %
<b>System Total Average Availability</b>	59.19	27.63	11.99	1.19

Table 4: Unit-by-Unit 365 Day Rolling Availability Conventional Units – August 2020 to August 2021

Unit-by-Unit 365 Day Rolling Availability – August 2021						
Company	Unit	Capacity	Annual Availability %	Annual Forced %	Annual Scheduled %	Annual Ambient %
Aughinish Alumina Ltd	Seal Rock - SK3	85	84.47	2.02	8.27	5.24
	Seal Rock - SK4	85	89.47	2.32	4.29	3.92
Bord Gáis	Whitegate - WG1	444	24.7	74.76	0	0.54
Dublin Waste to Energy	DWTE - DW1	61.5	84.28	12.1	3.62	0
ESB Energy Ireland	Aghada - AD2	431	90.32	4.01	5.46	0.21
	Aghada - AT1	90	93.29	1.74	4.97	0
	Aghada - AT2	90	87.59	2.72	9.69	0
	Aghada - AT4	90	89.74	8.49	1.77	0
	Ardnacrusha - AA1	21	95.61	1.82	2.57	0
	Ardnacrusha - AA2	22	93.72	0.42	5.86	0
	Ardnacrusha - AA3	19	92.56	0.32	7.12	0
	Ardnacrusha - AA4	24	38.12	54.4	7.48	0
	Erne - ER1	10	92.25	2.18	5.57	0
	Erne - ER2	10	93.54	1.88	4.58	0
	Erne - ER3	22	92.61	0.91	6.48	0
	Erne - ER4	22	95.97	2.76	1.27	0
	Lee - LE1	15	65.07	26.72	8.21	0
	Lee - LE2	4	69.58	16.62	13.8	0
	Lee - LE3	8	59.01	19.47	21.52	0
	Liffey - LI1	15	54.09	37.85	8.06	0
	Liffey - LI2	15	58.87	33.07	8.06	0
	Liffey - LI4	4	98.15	1.4	0.45	0
	Liffey - LI5	4	67.45	31.59	0.96	0
	Moneypoint - MP1	285	78.97	17.73	3.3	0
	Moneypoint - MP2	285	41.7	58.3	0	0
	Moneypoint - MP3	285	65	34.91	0.09	0
	North Wall - NW5	104	0	0	100	0
	Poolbeg - PBA	231	81.95	5.15	12.77	0.13
Poolbeg - PBB	231	89.64	4.28	5.9	0.18	
Turlough Hill - TH1	73	91.73	3.38	4.89	0	
Turlough Hill - TH2	73	92.08	3.03	4.89	0	
Turlough Hill - TH3	73	94.78	0.69	4.53	0	
Turlough Hill - TH4	73	94.68	0.76	4.56	0	
Edenderry Power Ltd	Edenderry - ED1	118	86.41	3.39	10.2	0
	Edenderry - ED3	58	99.87	0.01	0.12	0
	Edenderry - ED5	58	99.6	0.26	0.14	0
SSE Generation Ireland	Great Island - GI4	461	89.7	0.29	8.71	1.3
	Rhode - RP1	52	85.93	1.46	12.61	0
	Rhode - RP2	52	85.85	7.55	6.6	0
	Tarbert - TB1	54	88.37	3.37	8.26	0
	Tarbert - TB2	54	87.39	4.35	8.26	0
	Tarbert - TB3	241	72.48	19.42	8.1	0
	Tarbert - TB4	243	48.51	51.49	0	0
	Tawnaghmore - TP1	52	89.06	3.45	7.49	0
Tawnaghmore - TP3	52	87.73	4.78	7.49	0	
Indaver	Indaver - IW1	16	80.43	8.6	10.97	0
Synergen	Dublin Bay - DB1	405	68.2	1.26	30.5	0.04
Tynagh Energy Ltd	Tynagh - TYC	384	83.86	2.49	9.43	4.22
Viridian	Huntstown - HN2	400	39.53	46.66	12.54	1.27
	Huntstown - HNC	342	80.34	0.54	15.43	3.69

**Table 5: Unit-by-Unit 365 Day Rolling Availability Demand Side Units – August 2020 to August 2021**

Unit-by-Unit 365 Day Rolling Availability – August 2021					
Company	Unit	Annual Availability %	Annual Forced %	Annual Scheduled %	Annual Ambient %
Activation Energy	Activation Energy 1 – AE1	17.85	76.13	6.02	0
	Activation Energy 2 – AE2	30.85	58.77	10.38	0
	Activation Energy 3 – AE3	59.17	40.78	0.05	0
	Activation Energy 4 – AE4	7	92.98	0.02	0
	Activation Energy 5 – AE5	18.81	81.18	0.01	0
	Enernoc 1-EN1	18.5	81.5	0	0
	Enernoc 2-EN2	12.73	87.27	0	0
	Enernoc3-EN3	24.89	75.11	0	0
	Enernoc 4-EN4	12.14	87.86	0	0
	Enernoc 5-EN5	17.25	81.86	0.89	0
	Enernoc 6-EN6	41.33	35.06	23.61	0
	Enernoc 8-EN8	43.06	54.67	2.27	0
	Enernoc 9-EN9	43.35	37.92	18.73	0
DAE VPP	DAE VPP – DP1	53.52	0.03	46.45	0
	DAE VPP – DP2	28.41	0.8	70.79	0
Electricity Exchange Ltd	Electricity Exchange – EE1	37.69	0.04	62.27	0
	Electricity Exchange – EE2	23.81	0	76.19	0
	Electricity Exchange – EE3	18.28	0	81.72	0
	Electricity Exchange – EE4	16.67	0	83.33	0
	Electricity Exchange – EE5	47.51	0.01	52.48	0
	Electricity Exchange – EE6	53.83	0	46.17	0
	Electricity Exchange – EE7	48.37	6.58	45.05	0
Electric Ireland	Electric Ireland – EI1	41.72	0	58.28	0
Endeco	Endeco 1 – EC1	37.4	0.06	62.54	0
	Endeco 2 – EC2	20.9	0.21	78.89	0
	Endeco 5 – EC5	45.4	0.02	54.58	0
Energy Trading Ireland	Energy Trading – ET1	1.95	98.05	0	0
Powerhouse	Powerhouse – PG1	22.88	77.12	0	0
Viridian	Viridian Energy – VE1	13.21	0	86.79	0
	Viridian Energy – VE2	1.05	0	98.95	0

**Table 6: 365 Day Rolling System Total Average Availability – August 2020 to August 2021**

	Annual Availability %	Annual Forced %	Annual Scheduled %	Annual Ambient %
<b>System Total Average Availability</b>	66.47	21.37	11.44	0.72

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