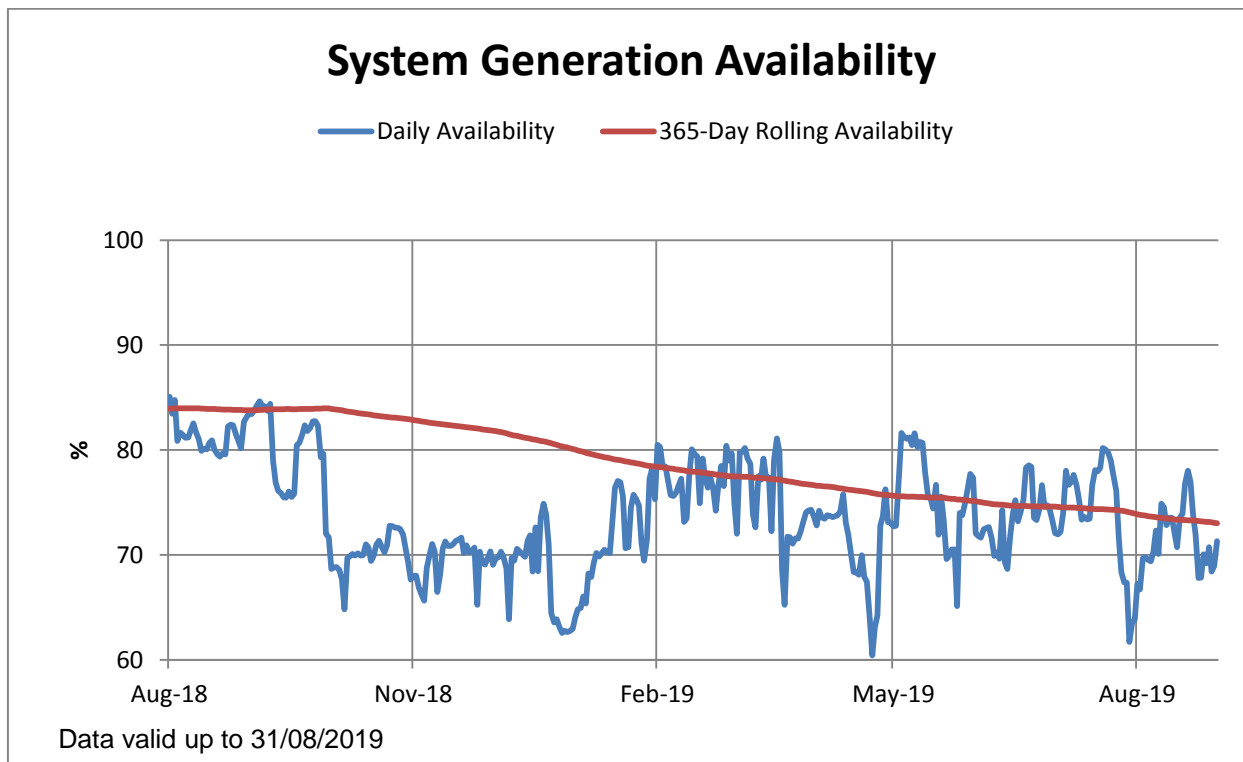


## EirGrid Monthly Availability Report – August 2019

Availability report for August 2019<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 2019**

Unit-by-Unit Average Monthly Availability – August 2019						
Company	Unit	Capacity	Monthly Availability %	Monthly Forced %	Monthly Scheduled %	Monthly Ambient %
<b>Aughinish Alumina Ltd</b>	Seal Rock - SK3	85	82.88	9.93	0.00	7.19
	Seal Rock - SK4	85	93.72	0.61	0.00	5.67
<b>Bord Gáis</b>	Whitegate - WG1	444	62.61	5.81	28.97	2.61
<b>Dublin Waste to Energy</b>	DWTE - DW1	61.5	88.90	11.10	0.00	0.00
<b>ESB Energy Ireland</b>	Aghada - AD1	258	0.00	0.00	100.00	0.00
	Aghada - AD2	431	70.29	1.54	26.34	1.83
	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	87.18	12.82	0.00	0.00
	Ardnacrusa - AA1	21	100.00	0.00	0.00	0.00
	Ardnacrusa - AA2	22	81.72	0.00	18.28	0.00
	Ardnacrusa - AA3	19	99.91	0.09	0.00	0.00
	Ardnacrusa - AA4	24	99.66	0.34	0.00	0.00
	Erne - ER1	10	100.00	0.00	0.00	0.00
	Erne - ER2	10	83.38	0.00	16.62	0.00
	Erne - ER3	22	98.72	1.28	0.00	0.00
	Erne - ER4	22	100.00	0.00	0.00	0.00
	Lee - LE1	15	99.82	0.18	0.00	0.00
	Lee - LE2	4	97.61	2.39	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	100.00	0.00	0.00	0.00
	Liffey - LI5	4	98.95	0.56	0.49	0.00
	Lough Ree - LR4	91	0.00	100.00	0.00	0.00
	Marina - MRC	123	0.00	100.00	0.00	0.00
	Moneypoint - MP1	285	99.29	0.71	0.00	0.00
	Moneypoint - MP2	285	0.00	0.00	100.00	0.00
	Moneypoint - MP3	285	100.00	0.00	0.00	0.00
	North Wall - NW5	104	99.07	0.00	0.00	0.93
	Poolbeg - PBA	231	65.68	27.83	6.49	0.00
	Poolbeg - PBB	231	63.13	30.38	6.49	0.00
	Turlough Hill - TH1	73	96.87	0.00	3.13	0.00
	Turlough Hill - TH2	73	99.64	0.00	0.36	0.00
	Turlough Hill - TH3	73	99.45	0.00	0.55	0.00
	Turlough Hill - TH4	73	99.54	0.00	0.46	0.00
	West Offaly - WO4	137	73.76	26.24	0.00	0.00
<b>Edenderry Power Ltd</b>	Edenderry - ED1	118	75.36	13.06	11.58	0.00
	Edenderry - ED3	58	100.00	0.00	0.00	0.00
	Edenderry - ED5	58	100.00	0.00	0.00	0.00
<b>SSE Generation Ireland</b>	Great Island - GI4	461	96.86	0.08	0.00	3.06
	Rhode - RP1	52	59.36	40.64	0.00	0.00
	Rhode - RP2	52	58.67	18.15	23.18	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	52.04	0.00	47.96	0.00
	Tarbert - TB4	243	100.00	0.00	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	
<b>Indaver</b>	Indaver - IW1	16	99.78	0.22	0.00	0.00
<b>Synergen</b>	Dublin Bay - DB1	405	99.61	0.00	0.00	0.39
<b>Tynagh Energy Ltd</b>	Tynagh - TYC	384	93.66	0.73	0.00	5.61
<b>Viridian</b>	Huntstown - HN2	400	93.73	0.00	0.02	6.25
	Huntstown - HNC	342	32.49	0.00	64.51	3.00

**Table 2: Unit-by-Unit Average Monthly Availability Demand Side Units – August 2019**

Unit-by-Unit Average Monthly Availability – August 2019					
Company	Unit	Monthly Availability %	Monthly Forced %	Monthly Scheduled %	Monthly Ambient %
Activation Energy	Activation Energy 1 – AE1	23.26	63.57	13.17	0
	Activation Energy 2 – AE2	17.23	79.59	3.18	0
	Activation Energy 3 – AE3	56.52	43.48	0	0
	Activation Energy 4 – AE4	100	0	0	0
	Activation Energy 5 – AE5	56.13	43.87	0	0
	Enernoc 1 - EN1	81.23	18.77	0	0
	Enernoc 2 - EN2	0	100	0	0
	Enernoc 3-EN3	0	100	0	0
	Enernoc 4-EN4	0	100	0	0
	Enernoc 5-EN5	51.7	45.97	2.33	0
	Enernoc 6-EN6	73.73	26.11	0.16	0
DAE VPP	DAE VPP – DP1	45.89	0	54.11	0
	DAE VPP – DP2	0	0	100	0
Electricity Exchange Ltd	Electricity Exchange – EE1	56.73	0	43.27	0
	Electricity Exchange – EE2	32.67	0	67.33	0
	Electricity Exchange – EE3	32.99	0	67.01	0
	Electricity Exchange – EE4	30.4	0	69.6	0
	Electricity Exchange – EE5	42.43	0	57.57	0
Electric Ireland	Electric Ireland – EI1	58.86	0	41.14	0
Endeco	Endeco 1 – EC1	56.72	0	43.28	0
	Endeco 2 – EC2	25.36	0.01	74.63	0
	Endeco 5 – EC5	51.85	0	48.15	0
Energy Trading Ireland	Energy Trading – ET1	52.54	47.46	0	0
Powerhouse	Powerhouse – PG1	37.38	62.62	0	0
Viridian	Viridian Energy – VE1	58.68	0	41.32	0
	Viridian Energy – VE2	52.28	0	47.72	0

**Table 3: System Total Average Monthly Availability – August 2019**

	Monthly Availability %	Monthly Forced %	Monthly Scheduled %	Monthly Ambient %
<b>System Total Average Availability</b>	70.75	10.29	17.58	1.38

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**Table 4: Unit-by-Unit 365 Day Rolling Availability Conventional Units – August 2018 to August 2019**

Unit-by-Unit 365 Day Rolling Availability – August 2019						
Company	Unit	Capacity	Monthly Availability %	Monthly Forced %	Monthly Scheduled %	Monthly Ambient %
<b>Aughinish Alumina Ltd</b>	Seal Rock - SK3	85	89.37	1.23	4.12	5.28
	Seal Rock - SK4	85	86.70	1.51	7.92	3.87
<b>Bord Gáis</b>	Whitegate - WG1	444	87.51	6.74	4.41	1.34
<b>Dublin Waste to Energy</b>	DWTE - DW1	61.5	92.84	7.07	0.09	0.00
<b>ESB Energy Ireland</b>	Aghada - AD1	258	8.88	0.00	91.12	0.00
	Aghada - AD2	431	95.71	0.59	2.68	1.02
	Aghada - AT1	90	97.98	0.52	1.47	0.03
	Aghada - AT2	90	97.94	0.66	1.37	0.03
	Aghada - AT4	90	91.05	1.81	7.11	0.03
	Ardnacrusha - AA1	21	90.10	0.01	9.89	0.00
	Ardnacrusha - AA2	22	91.76	4.95	3.29	0.00
	Ardnacrusha - AA3	19	93.22	2.40	4.38	0.00
	Ardnacrusha - AA4	24	96.09	0.19	3.72	0.00
	Erne - ER1	10	88.12	11.78	0.10	0.00
	Erne - ER2	10	96.64	1.74	1.62	0.00
	Erne - ER3	22	91.90	6.81	1.29	0.00
	Erne - ER4	22	92.38	1.40	6.22	0.00
	Lee - LE1	15	90.76	2.96	6.28	0.00
	Lee - LE2	4	92.87	0.25	6.88	0.00
	Lee - LE3	8	96.07	0.07	3.86	0.00
	Liffey - LI1	15	87.80	3.87	8.33	0.00
	Liffey - LI2	15	85.49	6.18	8.33	0.00
	Liffey - LI4	4	90.30	0.60	9.10	0.00
	Liffey - LI5	4	98.66	0.23	1.11	0.00
	Lough Ree - LR4	91	73.79	17.38	8.83	0.00
	Marina - MRC	123	2.53	97.47	0.00	0.00
	Moneypoint - MP1	285	48.20	43.55	8.25	0.00
	Moneypoint - MP2	285	29.44	58.56	12.00	0.00
	Moneypoint - MP3	285	53.95	46.00	0.05	0.00
	North Wall - NW5	104	93.90	2.13	3.64	0.33
	Poolbeg - PBA	231	86.91	10.18	2.91	0.00
	Poolbeg - PBB	231	75.36	23.03	1.61	0.00
	Turlough Hill - TH1	73	89.67	0.14	10.19	0.00
	Turlough Hill - TH2	73	91.32	0.54	8.14	0.00
	Turlough Hill - TH3	73	88.10	3.23	8.67	0.00
	Turlough Hill - TH4	73	91.34	0.41	8.25	0.00
West Offaly - WO4	137	87.34	6.97	5.69	0.00	
<b>Edenderry Power Ltd</b>	Edenderry - ED1	118	80.89	1.69	17.42	0.00
	Edenderry - ED3	58	98.79	0.00	1.21	0.00
	Edenderry - ED5	58	98.47	0.32	1.21	0.00
<b>SSE Generation Ireland</b>	Great Island - GI4	461	55.86	30.00	13.10	1.04
	Rhode - RP1	52	94.22	5.78	0.00	0.00
	Rhode - RP2	52	94.19	3.84	1.97	0.00
	Tarbert - TB1	54	98.80	0.01	1.19	0.00
	Tarbert - TB2	54	95.09	2.01	2.90	0.00
	Tarbert - TB3	241	78.40	2.72	18.88	0.00
	Tarbert - TB4	243	93.34	6.66	0.00	0.00
	Tawnaghmore - TP1	52	99.93	0.07	0.00	0.00
Tawnaghmore - TP3	52	99.68	0.32	0.00	0.00	
<b>Indaver</b>	Indaver - IW1	16	90.71	9.23	0.06	0.00
<b>Synergen</b>	Dublin Bay - DB1	405	87.55	10.16	1.35	0.94
<b>Tynagh Energy Ltd</b>	Tynagh - TYC	384	88.26	3.06	5.16	3.52
<b>Viridian</b>	Huntstown - HN2	400	86.00	10.53	0.53	2.94
	Huntstown - HNC	342	90.41	0.19	5.63	3.77

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**Table 5: Unit-by-Unit 365 Day Rolling Availability Demand Side Units – August 2018 to August 2019**

Unit-by-Unit 365 Day Rolling Availability – August 2019					
Company	Unit	Monthly Availability %	Monthly Forced %	Monthly Scheduled %	Monthly Ambient %
Activation Energy	Activation Energy 1 – AE1	26.49	59.2	14.31	0
	Activation Energy 2 – AE2	21.18	76.79	2.03	0
	Activation Energy 3 – AE3	56.2	43.8	0	0
	Activation Energy 4 – AE4	44.3	43.57	12.13	0
	Activation Energy 5 – AE5	54.76	16.62	28.62	0
	Enernoc 1-EN1	14.06	85.94	0	0
	Enernoc 2-EN2	0	100	0	0
	Enernoc3-EN3	0	100	0	0
	Enernoc 4-EN4	0	100	0	0
	Enernoc 5-EN5	53.02	42.15	4.83	0
	Enernoc 6-EN6	62.12	33.24	4.64	0
DAE VPP	DAE VPP – DP1	53.94	0.02	46.04	0
	DAE VPP – DP2	9.97	0	90.03	0
Electricity Exchange Ltd	Electricity Exchange – EE1	53.41	0.01	46.58	0
	Electricity Exchange – EE2	39.03	0.01	60.96	0
	Electricity Exchange – EE3	39.93	0.08	59.99	0
	Electricity Exchange – EE4	56.19	0.21	43.6	0
	Electricity Exchange – EE5	53.07	0.05	46.88	0
Electric Ireland	Electric Ireland – EI1	75.41	0.02	24.57	0
Endeco	Endeco 1 – EC1	59.9	0	40.1	0
	Endeco 2 – EC2	32.68	0	67.32	0
	Endeco 5 – EC5	53.23	0.01	46.76	0
Energy Trading Ireland	Energy Trading – ET1	58.94	41.06	0	0
Powerhouse	Powerhouse – PG1	51.26	48.74	0	0
Viridian	Viridian Energy – VE1	52.2	0	47.8	0
	Viridian Energy – VE2	51.58	0	48.42	0

**Table 6: 365 Day Rolling System Total Average Availability – August 2018 to August 2019**

	Yearly Availability %	Yearly Forced %	Yearly Scheduled %	Yearly Ambient %
<b>System Total Average Availability</b>	73.04	16.43	9.66	0.87

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