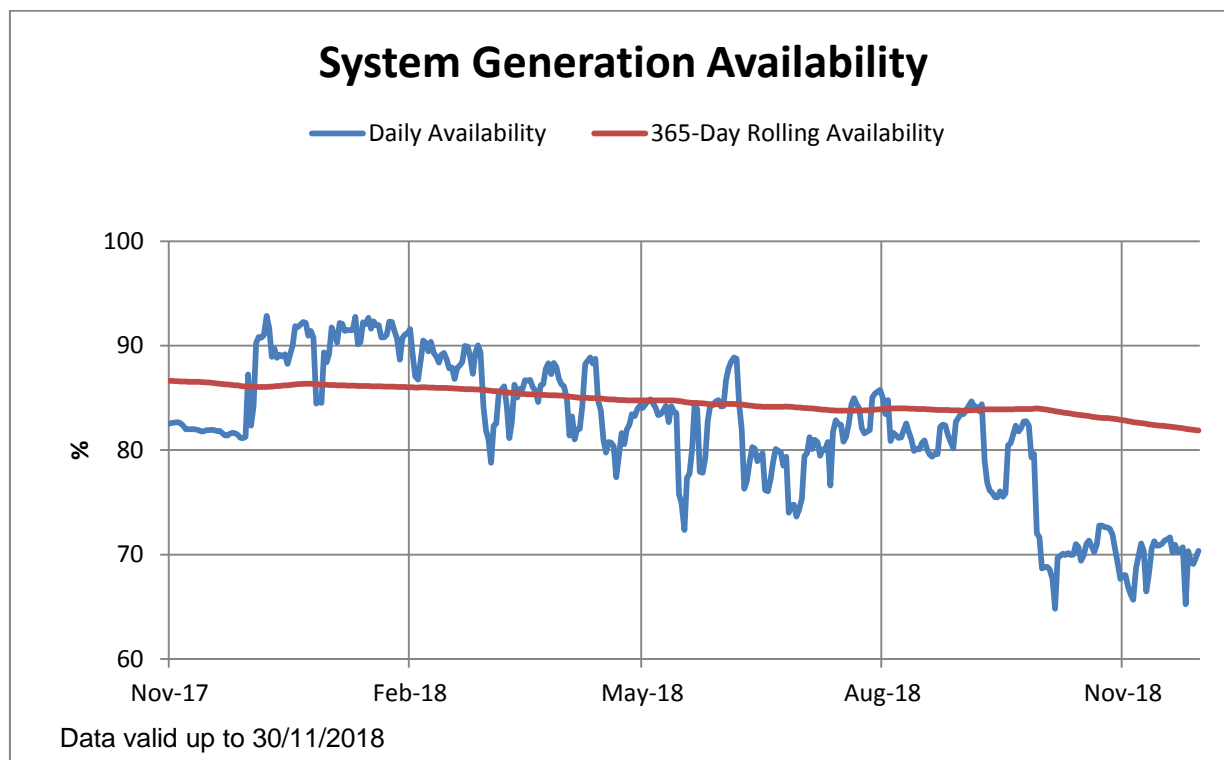


## EirGrid Monthly Availability Report – November 2018

Availability report for November 2018<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 – November 2018**

Unit-by-Unit Average Monthly Availability – November 2018						
Company	Unit	Capacity	Monthly Availability %	Monthly Forced %	Monthly Scheduled %	Monthly Ambient %
<b>Aughinish Alumina Ltd</b>	Seal Rock - SK3	85	94.85	0.00	0.00	5.15
	Seal Rock - SK4	85	84.40	4.05	8.33	3.22
<b>Bord Gáis</b>	Whitegate - WG1	444	99.12	0.00	0.00	0.88
<b>Dublin Waste to Energy</b>	DWTE - DW1	61.5	93.34	6.66	0.00	0.00
<b>ESB Energy Ireland</b>	Aghada - AD1	258	0.00	0.00	100.00	0.00
	Aghada - AD2	431	95.49	0.96	2.73	0.82
	Aghada - AT1	90	99.54	0.07	0.00	0.39
	Aghada - AT2	90	96.25	3.36	0.00	0.39
	Aghada - AT4	90	99.61	0.00	0.00	0.39
	Ardnacrusha - AA1	21	95.33	0.00	4.67	0.00
	Ardnacrusha - AA2	22	92.87	7.13	0.00	0.00
	Ardnacrusha - AA3	19	97.84	2.16	0.00	0.00
	Ardnacrusha - AA4	24	99.90	0.10	0.00	0.00
	Erne - ER1	10	100.00	0.00	0.00	0.00
	Erne - ER2	10	100.00	0.00	0.00	0.00
	Erne - ER3	22	100.00	0.00	0.00	0.00
	Erne - ER4	22	99.97	0.03	0.00	0.00
	Lee - LE1	15	99.21	0.79	0.00	0.00
	Lee - LE2	4	100.00	0.00	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	99.58	0.42	0.00	0.00
	Liffey - LI4	4	100.00	0.00	0.00	0.00
	Liffey - LI5	4	100.00	0.00	0.00	0.00
	Lough Ree - LR4	91	99.04	0.96	0.00	0.00
	Marina - MRC	123	0.00	100.00	0.00	0.00
	Moneypoint - MP1	285	0.00	100.00	0.00	0.00
	Moneypoint - MP2	285	0.00	100.00	0.00	0.00
	Moneypoint - MP3	285	0.00	100.00	0.00	0.00
	North Wall - NW5	104	98.21	1.79	0.00	0.00
	Poolbeg - PBA	231	96.86	3.14	0.00	0.00
	Poolbeg - PBB	231	85.22	14.78	0.00	0.00
	Turlough Hill - TH1	73	100.00	0.00	0.00	0.00
	Turlough Hill - TH2	73	99.80	0.20	0.00	0.00
	Turlough Hill - TH3	73	99.07	0.93	0.00	0.00
	Turlough Hill - TH4	73	100.00	0.00	0.00	0.00
	West Offaly - WO4	137	100.00	0.00	0.00	0.00
<b>Edenderry Power Ltd</b>	Edenderry - ED1	118	100.00	0.00	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
<b>SSE Generation Ireland</b>	Great Island - GI4	461	0.00	100.00	0.00	0.00
	Rhode - RP1	52	100.00	0.00	0.00	0.00
	Rhode - RP2	52	100.00	0.00	0.00	0.00
	Tarbert - TB1	54	99.98	0.02	0.00	0.00
	Tarbert - TB2	54	80.06	19.94	0.00	0.00
	Tarbert - TB3	241	99.84	0.16	0.00	0.00
	Tarbert - TB4	243	82.33	17.67	0.00	0.00
	Tawnaghmore - TP1	52	99.45	0.55	0.00	0.00
Tawnaghmore - TP3	52	99.85	0.15	0.00	0.00	
<b>Indaver</b>	Indaver - IW1	16	98.41	1.59	0.00	0.00
<b>Synergen</b>	Dublin Bay - DB1	405	100.00	0.00	0.00	0.00
<b>Tynagh Energy Ltd</b>	Tynagh - TYC	384	93.71	3.24	0.00	3.05
<b>Viridian</b>	Huntstown - HN2	400	96.71	0.36	0.00	2.93
	Huntstown - HNC	342	95.90	0.19	0.00	3.91

**Table 2: Unit-by-Unit Average Monthly Availability Demand Side Units – November 2018**

Unit-by-Unit Average Monthly Availability – November 2018					
Company	Unit	Monthly Availability %	Monthly Forced %	Monthly Scheduled %	Monthly Ambient %
<b>Activation Energy</b>	Activation Energy 1 – AE1	26.56	69.07	4.37	0
	Activation Energy 2 – AE2	38.86	61.14	0	0
	Activation Energy 3 – AE3	20.75	79.24	0.01	0
	Activation Energy 4 – AE4	0	100	0	0
	Activation Energy 5 – AE5	56.23	3.07	40.7	0
<b>DAE VPP</b>	DAE VPP – DP1	65.73	0	34.27	0
	DAE VPP – DP2	15	0	85	0
<b>Electricity Exchange Ltd</b>	Electricity Exchange – EE1	57.33	0	42.67	0
	Electricity Exchange – EE2	44.79	0.12	55.09	0
	Electricity Exchange – EE3	37.28	0	62.72	0
	Electricity Exchange – EE4	79.87	0	20.13	0
	Electricity Exchange – EE5	56.47	0	43.53	0
<b>Electric Ireland</b>	Electric Ireland – EI1	91.9	0	8.1	0
<b>Endeco</b>	Endeco 1 – EC1	60.02	0	39.98	0
	Endeco 2 – EC2	60.82	0	39.18	0
	Endeco 5 – EC5	54.53	0	45.47	0
<b>Energy Trading Ireland</b>	Energy Trading – ET1	70.12	29.88	0	0
<b>Powerhouse</b>	Powerhouse – PG1	68.21	31.79	0	0
<b>Viridian</b>	Viridian Energy – VE1	54.99	0	45.01	0
	Viridian Energy – VE2	57.61	0	42.39	0

**Table 3: System Total Average Monthly Availability – November 2018**

	Monthly Availability %	Monthly Forced %	Monthly Scheduled %	Monthly Ambient %
<b>System Total Average Availability</b>	69.51	24.62	5.17	0.7

**Table 4: Unit-by-Unit 365 Day Rolling Availability Conventional Units – November 2017 to November 2018**

Unit-by-Unit 365 Day Rolling Availability – November 2018						
Company	Unit	Capacity	Monthly Availability %	Monthly Forced %	Monthly Scheduled %	Monthly Ambient %
<b>Aughinish Alumina Ltd</b>	Seal Rock - SK3	85	89.64	2.01	2.86	5.49
	Seal Rock - SK4	85	90.58	1.98	2.56	4.88
<b>Bord Gáis</b>	Whitegate - WG1	444	67.74	10.42	20.80	1.04
<b>Dublin Waste to Energy</b>	DWTE - DW1	61.5	84.44	12.20	3.36	0.00
<b>ESB Energy Ireland</b>	Aghada - AD1	258	82.29	1.25	16.46	0.00
	Aghada - AD2	431	96.23	0.32	2.21	1.24
	Aghada - AT1	90	98.51	0.02	1.43	0.04
	Aghada - AT2	90	97.59	0.31	2.06	0.04
	Aghada - AT4	90	92.04	0.72	7.20	0.04
	Ardnacrusha - AA1	21	66.30	0.42	33.28	0.00
	Ardnacrusha - AA2	22	68.21	5.38	26.41	0.00
	Ardnacrusha - AA3	19	67.14	5.14	27.72	0.00
	Ardnacrusha - AA4	24	64.65	7.85	27.50	0.00
	Erne - ER1	10	93.27	5.47	1.26	0.00
	Erne - ER2	10	93.08	3.17	3.75	0.00
	Erne - ER3	22	92.00	6.82	1.18	0.00
	Erne - ER4	22	98.60	0.27	1.13	0.00
	Lee - LE1	15	98.47	0.10	1.43	0.00
	Lee - LE2	4	78.06	21.48	0.46	0.00
	Lee - LE3	8	93.51	0.03	6.46	0.00
	Liffey - LI1	15	92.79	0.06	7.15	0.00
	Liffey - LI2	15	92.81	0.04	7.15	0.00
	Liffey - LI4	4	90.14	2.71	7.15	0.00
	Liffey - LI5	4	93.90	0.00	6.10	0.00
	Lough Ree - LR4	91	88.49	7.55	3.96	0.00
	Marina - MRC	123	76.74	22.36	0.34	0.56
	Moneypoint - MP1	285	65.02	17.93	17.05	0.00
	Moneypoint - MP2	285	77.45	21.91	0.64	0.00
	Moneypoint - MP3	285	36.27	47.85	15.88	0.00
	North Wall - NW5	104	89.03	7.16	3.75	0.06
	Poolbeg - PBA	231	82.54	9.00	8.46	0.00
	Poolbeg - PBB	231	87.26	7.72	5.02	0.00
	Turlough Hill - TH1	73	95.62	1.59	2.79	0.00
	Turlough Hill - TH2	73	95.76	2.94	1.30	0.00
	Turlough Hill - TH3	73	94.73	2.31	2.96	0.00
	Turlough Hill - TH4	73	91.67	6.10	2.23	0.00
West Offaly - WO4	137	70.32	9.45	20.23	0.00	
<b>Edenderry Power Ltd</b>	Edenderry - ED1	118	87.51	2.57	9.92	0.00
	Edenderry - ED3	58	99.88	0.00	0.12	0.00
	Edenderry - ED5	58	99.49	0.39	0.12	0.00
<b>SSE Generation Ireland</b>	Great Island - GI4	461	80.71	10.24	8.08	0.97
	Rhode - RP1	52	97.11	2.89	0.00	0.00
	Rhode - RP2	52	97.94	2.06	0.00	0.00
	Tarbert - TB1	54	99.69	0.31	0.00	0.00
	Tarbert - TB2	54	97.58	2.42	0.00	0.00
	Tarbert - TB3	241	99.94	0.02	0.04	0.00
	Tarbert - TB4	243	92.51	3.77	3.72	0.00
	Tawnaghmore - TP1	52	98.64	0.14	1.22	0.00
Tawnaghmore - TP3	52	97.89	1.90	0.21	0.00	
<b>Indaver</b>	Indaver - IW1	16	88.59	6.90	4.51	0.00
<b>Synergen</b>	Dublin Bay - DB1	405	98.11	0.70	1.15	0.04
<b>Tynagh Energy Ltd</b>	Tynagh - TYC	384	93.90	0.29	2.42	3.39
<b>Viridian</b>	Huntstown - HN2	400	96.06	0.26	0.02	3.66
	Huntstown - HNC	342	93.07	0.10	2.93	3.90

*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 – November 2017 to November 2018**

Unit-by-Unit 365 Day Rolling Availability – November 2018					
Company	Unit	Monthly Availability %	Monthly Forced %	Monthly Scheduled %	Monthly Ambient %
<b>Activation Energy</b>	Activation Energy 1 – AE1	31.03	58.34	10.63	0
	Activation Energy 2 – AE2	37	61.77	1.23	0
	Activation Energy 3 – AE3	57.45	37.73	4.82	0
	Activation Energy 4 – AE4	0	100	0	0
	Activation Energy 5 – AE5	55.17	6.69	38.14	0
<b>DAE VPP</b>	DAE VPP – DP1	74.8	0	25.2	0
	DAE VPP – DP2	27.06	0	72.94	0
<b>Electricity Exchange Ltd</b>	Electricity Exchange – EE1	57.91	4.03	38.06	0
	Electricity Exchange – EE2	57.25	4.65	38.1	0
	Electricity Exchange – EE3	37.85	11.03	51.12	0
	Electricity Exchange – EE4	66.34	6.19	27.47	0
	Electricity Exchange – EE5	52.54	7.59	39.87	0
<b>Electric Ireland</b>	Electric Ireland – EI1	78.7	0.04	21.26	0
<b>Endeco</b>	Endeco 1 – EC1	56.81	0	43.19	0
	Endeco 2 – EC2	42.22	0.05	57.73	0
	Endeco 5 – EC5	47.5	13.26	39.24	0
<b>Energy Trading Ireland</b>	Energy Trading – ET1	71.15	28.85	0	0
<b>Powerhouse</b>	Powerhouse – PG1	74.49	25.51	0	0
<b>Viridian</b>	Viridian Energy – VE1	54.42	0	45.58	0
	Viridian Energy – VE2	49.39	0.02	50.59	0

**Table 6: 365 Day Rolling System Total Average Availability – November 2017 to November 2018**

	Yearly Availability %	Yearly Forced %	Yearly Scheduled %	Yearly Ambient %
<b>System Total Average Availability</b>	81.74	10.04	7.34	0.88