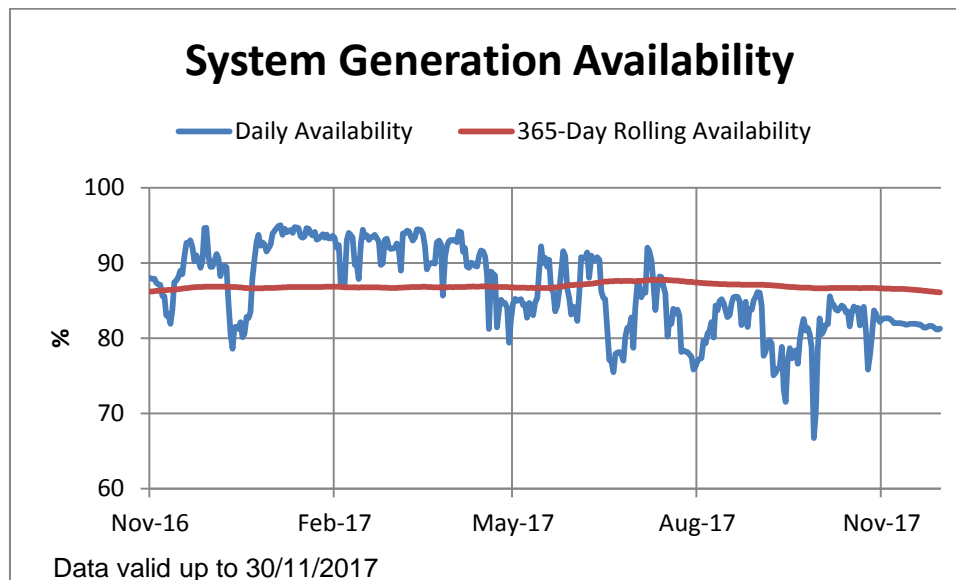


EirGrid Monthly Availability Report – November 2017

Availability report for November 2017¹.



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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¹ Based on EDIL (Electronic Dispatch Instruction Logger) declarations. Units added in September are not included in these statistics

Table 1: Unit-by-Unit Average Monthly Availability Conventional Units – November 2017

Unit-by-Unit Average Monthly Availability – November 2017						
Company	Unit	Capacity	Monthly Availability %	Monthly Forced %	Monthly Scheduled %	Monthly Ambient %
Aughinish Alumina Ltd	Seal Rock - SK3	85	96.82	0.01	0.00	3.17
	Seal Rock - SK4	85	95.70	0.00	2.27	2.03
Bord Gáis	Whitegate - WG1	444	94.77	4.30	0.00	0.93
Dublin Waste to Energy	DWTE - DW1	61.5	86.10	5.02	8.88	0.00
ESB Energy Ireland	Aghada - AD1	258	100.00	0.00	0.00	0.00
	Aghada - AD2	431	98.27	0.00	1.48	0.25
	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	100.00	0.00	0.00	0.00
	Ardnacrusha - AA1	21	67.83	0.11	32.06	0.00
	Ardnacrusha - AA2	22	99.17	0.83	0.00	0.00
	Ardnacrusha - AA3	19	99.57	0.43	0.00	0.00
	Ardnacrusha - AA4	24	20.13	60.79	19.08	0.00
	Erne - ER1	10	99.78	0.22	0.00	0.00
	Erne - ER2	10	79.91	19.44	0.65	0.00
	Erne - ER3	22	100.00	0.00	0.00	0.00
	Erne - ER4	22	100.00	0.00	0.00	0.00
	Lee - LE1	15	100.00	0.00	0.00	0.00
	Lee - LE2	4	51.30	48.70	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	49.13	50.87	0.00	0.00
	Liffey - LI5	4	99.97	0.03	0.00	0.00
	Lough Ree - LR4	91	18.70	16.16	65.14	0.00
	Marina - MRC	123	96.46	3.48	0.00	0.06
	Moneypoint - MP1	285	97.82	2.18	0.00	0.00
	Moneypoint - MP2	285	99.92	0.08	0.00	0.00
	Moneypoint - MP3	285	66.55	33.45	0.00	0.00
	North Wall - NW5	104	99.18	0.00	0.82	0.00
	Poolbeg - PBA	231	0.00	100.00	0.00	0.00
	Poolbeg - PBB	231	66.71	33.29	0.00	0.00
	Turlough Hill - TH1	73	99.52	0.00	0.48	0.00
	Turlough Hill - TH2	73	99.34	0.66	0.00	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	95.64	4.36	0.00	0.00
Edenderry Power Ltd	Edenderry - ED1	118	99.88	0.12	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	88.35	11.38	0.00	0.27
	Rhode - RP1	52	99.64	0.36	0.00	0.00
	Rhode - RP2	52	100.00	0.00	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	99.97	0.03	0.00	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	
Indaver	Indaver - IW1	16	90.63	9.37	0.00	0.00
Synergen	Dublin Bay - DB1	405	1.03	89.00	9.97	0.00
Tynagh Energy Ltd	Tynagh - TYC	384	94.84	1.92	0.00	3.24
Viridian	Huntstown - HN2	400	98.07	0.00	0.00	1.93
	Huntstown - HNC	342	97.66	0.00	0.00	2.34

Table 2: Unit-by-Unit Average Monthly Availability Demand Side Units – November 2017

Unit-by-Unit Average Monthly Availability – November 2017

Company	Unit	Monthly Availability %	Monthly Forced %	Monthly Scheduled %	Monthly Ambient %
Activation Energy	Activation Energy 1 – AE1	35.56	50.64	13.80	0.00
	Activation Energy 2 – AE2	30.94	69.06	0.00	0.00
	Activation Energy 3 – AE3	60.94	34.47	4.59	0.00
	Activation Energy 4 – AE4	0.00	100.00	0.00	0.00
	Activation Energy 5 – AE5	56.20	23.63	20.17	0.00
DAE VPP	DAE VPP – DP1	79.10	0.00	20.90	0.00
	DAE VPP – DP2	59.38	0.00	40.62	0.00
Electricity Exchange Ltd	Electricity Exchange – EE1	52.55	17.11	30.34	0.00
	Electricity Exchange – EE2	77.25	11.94	10.81	0.00
	Electricity Exchange – EE3	50.57	23.75	25.68	0.00
	Electricity Exchange – EE4	39.20	12.06	48.74	0.00
	Electricity Exchange – EE5	49.43	25.96	24.61	0.00
Electric Ireland	Electric Ireland – EI1	89.72	0.00	10.28	0.00
Endeco	Endeco 1 – EC1	69.37	0.00	30.63	0.00
	Endeco 2 – EC2	67.26	0.21	32.53	0.00
Energy Trading Ireland	Energy Trading – ET1	84.15	15.85	0.00	0.00
Powerhouse	Powerhouse – PG1	76.20	23.80	0.00	0.00
Viridian	Viridian Energy – VE1	59.22	0.00	40.78	0.00
	Viridian Energy – VE2	46.49	0.00	53.51	0.00

Table 3: System Total Average Monthly Availability – November 2017

	Monthly Availability %	Monthly Forced %	Monthly Scheduled %	Monthly Ambient %
System Total Average Availability	81.27	15.53	2.67	0.53

Table 4: Unit-by-Unit 365 Day Rolling Availability Conventional Units – November 2016 to November 2017

Unit-by-Unit 365 Day Rolling Availability – November 2017						
Company	Unit	Capacity	Monthly Availability %	Monthly Forced %	Monthly Scheduled %	Monthly Ambient %
Aughinish Alumina Ltd	Seal Rock - SK3	85	84.12	0.68	9.71	5.49
	Seal Rock - SK4	85	91.90	1.31	2.34	4.45
Bord Gáis	Whitegate - WG1	444	94.81	0.99	2.42	1.78
Dublin Waste to Energy	DWTE - DW1	61.5	33.53	50.52	15.95	0.00
ESB Energy Ireland	Aghada - AD1	258	94.12	4.84	1.03	0.01
	Aghada - AD2	431	92.22	1.60	5.81	0.37
	Aghada - AT1	90	97.94	1.33	0.73	0.00
	Aghada - AT2	90	98.14	0.74	1.12	0.00
	Aghada - AT4	90	98.09	0.55	1.36	0.00
	Ardnacrusa - AA1	21	64.25	2.69	33.06	0.00
	Ardnacrusa - AA2	22	77.73	2.61	19.66	0.00
	Ardnacrusa - AA3	19	71.77	2.84	25.39	0.00
	Ardnacrusa - AA4	24	40.31	48.37	11.32	0.00
	Erne - ER1	10	98.61	0.13	1.26	0.00
	Erne - ER2	10	96.64	1.87	1.49	0.00
	Erne - ER3	22	97.29	1.48	1.23	0.00
	Erne - ER4	22	98.43	0.22	1.35	0.00
	Lee - LE1	15	67.40	2.54	30.06	0.00
	Lee - LE2	4	44.68	4.90	50.42	0.00
	Lee - LE3	8	91.17	3.80	5.03	0.00
	Liffey - LI1	15	98.13	0.00	1.87	0.00
	Liffey - LI2	15	98.13	0.00	1.87	0.00
	Liffey - LI4	4	51.10	7.21	41.69	0.00
	Liffey - LI5	4	99.92	0.08	0.00	0.00
	Lough Ree - LR4	91	69.87	9.59	20.54	0.00
	Marina - MRC	123	95.66	3.18	0.89	0.27
	Moneypoint - MP1	285	92.68	4.73	2.59	0.00
	Moneypoint - MP2	285	88.83	6.64	4.53	0.00
	Moneypoint - MP3	285	86.34	10.04	3.62	0.00
	North Wall - NW5	104	95.30	3.09	1.61	0.00
	Poolbeg - PBA	231	59.62	39.23	1.15	0.00
	Poolbeg - PBB	231	88.06	10.97	0.97	0.00
	Turlough Hill - TH1	73	70.79	21.73	7.48	0.00
	Turlough Hill - TH2	73	71.49	15.82	12.69	0.00
	Turlough Hill - TH3	73	71.14	21.96	6.90	0.00
	Turlough Hill - TH4	73	70.52	22.43	7.05	0.00
	West Offaly - WO4	137	85.91	10.24	3.85	0.00
Edenderry Power Ltd	Edenderry - ED1	118	87.71	2.06	10.23	0.00
	Edenderry - ED3	58	99.12	0.55	0.33	0.00
	Edenderry - ED5	58	99.32	0.55	0.13	0.00
SSE Generation Ireland	Great Island - GI4	461	90.71	3.36	4.68	1.25
	Rhode - RP1	52	98.30	0.49	1.21	0.00
	Rhode - RP2	52	98.36	0.51	1.13	0.00
	Tarbert - TB1	54	98.71	0.16	1.13	0.00
	Tarbert - TB2	54	97.82	0.66	1.52	0.00
	Tarbert - TB3	241	98.57	0.11	1.32	0.00
	Tarbert - TB4	243	99.42	0.22	0.36	0.00
	Tawnaghmore - TP1	52	97.38	2.37	0.25	0.00
Tawnaghmore - TP3	52	98.51	0.19	1.30	0.00	
Indaver	Indaver - IW1	16	88.75	6.51	4.74	0.00
Synergen	Dublin Bay - DB1	405	89.35	8.06	2.47	0.12
Tynagh Energy Ltd	Tynagh - TYC	384	95.40	0.67	1.12	2.81
Viridian	Huntstown - HN2	400	89.65	6.98	0.09	3.28
	Huntstown - HNC	342	92.20	1.07	3.02	3.71

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 2016 to November 2017

Unit-by-Unit 365 Day Rolling Availability – November 2017					
Company	Unit	Monthly Availability %	Monthly Forced %	Monthly Scheduled %	Monthly Ambient %
Activation Energy	Activation Energy 1 – AE1	35.78	50.06	14.16	0.00
	Activation Energy 2 – AE2	52.80	46.83	0.37	0.00
	Activation Energy 3 – AE3	69.39	29.43	1.18	0.00
	Activation Energy 4 – AE4	0.00	100.00	0.00	0.00
	Activation Energy 5 – AE5	50.72	20.39	28.89	0.00
DAE VPP	DAE VPP – DP1	66.12	0.02	33.86	0.00
	DAE VPP – DP2	35.38	0.00	64.62	0.00
Electricity Exchange Ltd	Electricity Exchange – EE1	53.76	17.37	28.87	0.00
	Electricity Exchange – EE2	72.59	12.49	14.92	0.00
	Electricity Exchange – EE3	49.33	32.56	18.11	0.00
	Electricity Exchange – EE4	38.73	18.25	43.02	0.00
	Electricity Exchange – EE5	47.35	27.70	24.95	0.00
Electric Ireland	Electric Ireland – EI1	84.03	3.46	12.51	0.00
Endeco	Endeco 1 – EC1	68.72	0.06	31.22	0.00
	Endeco 2 – EC2	64.69	4.28	31.03	0.00
Energy Trading Ireland	Energy Trading – ET1	77.95	22.05	0.00	0.00
Powerhouse	Powerhouse – PG1	79.54	20.46	0.00	0.00
Viridian	Viridian Energy – VE1	62.43	0.00	37.57	0.00
	Viridian Energy – VE2	39.56	18.12	42.32	0.00

Table 6: 365 Day Rolling System Total Average Availability – November 2016 to November 2017

	Yearly Availability %	Yearly Forced %	Yearly Scheduled %	Yearly Ambient %
System Total Average Availability	86.60	8.96	4.21	0.83