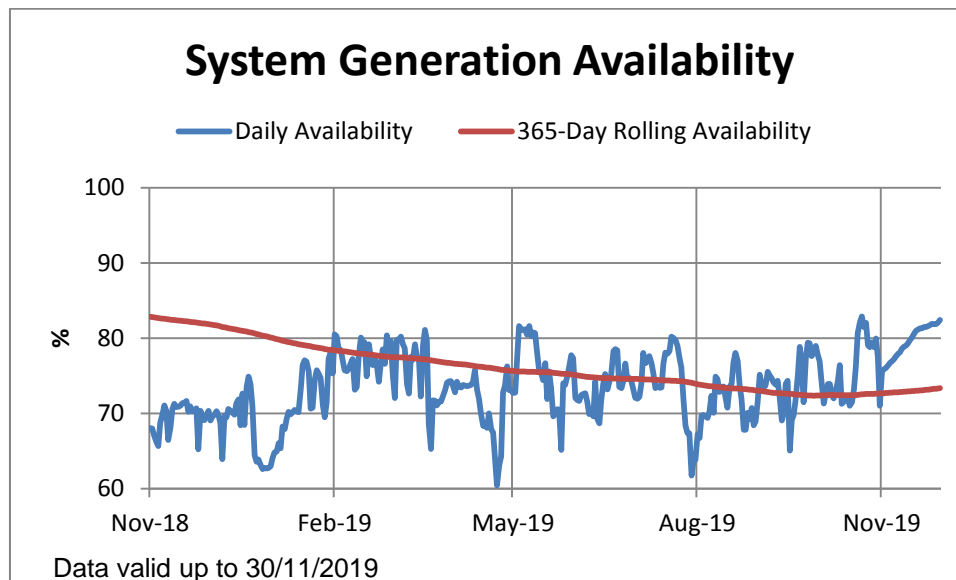


EirGrid Monthly Availability Report – November 2019

Availability report for November 2019¹.



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.

Table 1: Unit-by-Unit Average Monthly Availability Conventional Units – November 2019

Unit-by-Unit Average Monthly Availability – November 2019						
Company	Unit	Capacity	Monthly Availability %	Monthly Forced %	Monthly Scheduled %	Monthly Ambient %
Aughinish Alumina Ltd	Seal Rock - SK3	85	93.50	0.00	0.00	6.50
	Seal Rock - SK4	85	95.09	0.00	0.00	4.91
Bord Gáis	Whitegate - WG1	444	96.37	0.97	0.00	2.66
Dublin Waste to Energy	DWTE - DW1	61.5	96.15	0.60	3.25	0.00
ESB Energy Ireland	Aghada - AD2	431	86.28	4.16	9.46	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	100.00	0.00	0.00	0.00
	Ardnacrusha - AA1	21	100.00	0.00	0.00	0.00
	Ardnacrusha - AA2	22	100.00	0.00	0.00	0.00
	Ardnacrusha - AA3	19	99.82	0.18	0.00	0.00
	Ardnacrusha - AA4	24	86.08	2.84	11.08	0.00
	Erne - ER1	10	100.00	0.00	0.00	0.00
	Erne - ER2	10	98.36	1.64	0.00	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	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	96.49	3.51	0.00	0.00
	Liffey - LI4	4	100.00	0.00	0.00	0.00
	Liffey - LI5	4	99.77	0.23	0.00	0.00
	Lough Ree - LR4	91	98.29	1.71	0.00	0.00
	Moneypoint - MP1	285	79.37	20.63	0.00	0.00
	Moneypoint - MP2	285	100.00	0.00	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	96.38	3.62	0.00	0.00
	Poolbeg - PBB	231	96.73	3.27	0.00	0.00
	Turlough Hill - TH1	73	99.86	0.14	0.00	0.00
	Turlough Hill - TH2	73	100.00	0.00	0.00	0.00
	Turlough Hill - TH3	73	100.00	0.00	0.00	0.00
	Turlough Hill - TH4	73	99.67	0.33	0.00	0.00
West Offaly - WO4	137	96.25	3.75	0.00	0.00	
Edenderry Power Ltd	Edenderry - ED1	118	96.31	3.69	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	90.38	8.58	0.00	1.04
	Rhode - RP1	52	100.00	0.00	0.00	0.00
	Rhode - RP2	52	99.47	0.53	0.00	0.00
	Tarbert - TB1	54	95.49	4.51	0.00	0.00
	Tarbert - TB2	54	88.92	11.08	0.00	0.00
	Tarbert - TB3	241	99.98	0.02	0.00	0.00
	Tarbert - TB4	243	74.64	14.11	11.25	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	97.54	2.46	0.00	0.00
Synergen	Dublin Bay - DB1	405	98.92	1.04	0.00	0.04
Tynagh Energy Ltd	Tynagh - TYC	384	84.48	12.49	0.00	3.03
Viridian	Huntstown - HN2	400	84.89	13.18	0.00	1.93
	Huntstown - HNC	342	93.82	2.29	0.00	3.89

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

Unit-by-Unit Average Monthly Availability – November 2019					
Company	Unit	Monthly Availability %	Monthly Forced %	Monthly Scheduled %	Monthly Ambient %
Activation Energy	Activation Energy 1 – AE1	34.91	64.09	1	0
	Activation Energy 2 – AE2	15.27	84.47	0.26	0
	Activation Energy 3 – AE3	47.32	52.68	0	0
	Activation Energy 4 – AE4	29.29	70.71	0	0
	Activation Energy 5 – AE5	56.12	43.88	0	0
	Enernoc 1 - EN1	24.46	75.54	0	0
	Enernoc 2 - EN2	15.62	84.38	0	0
	Enernoc 3-EN3	29.07	70.93	0	0
	Enernoc 4-EN4	29.28	70.72	0	0
	Enernoc 5-EN5	49.7	45.32	4.98	0
	Enernoc 6-EN6	54.39	35.26	10.35	0
DAE VPP	DAE VPP – DP1	58.35	0	41.65	0
	DAE VPP – DP2	0	0	100	0
Electricity Exchange Ltd	Electricity Exchange – EE1	54.71	0	45.29	0
	Electricity Exchange – EE2	31.08	0	68.92	0
	Electricity Exchange – EE3	28.89	0	71.11	0
	Electricity Exchange – EE4	19.51	0	80.49	0
	Electricity Exchange – EE5	81.75	0	18.25	0
Electric Ireland	Electric Ireland – EI1	59.38	0	40.62	0
Endeco	Endeco 1 – EC1	42.6	0	57.4	0
	Endeco 2 – EC2	8.33	0	91.67	0
	Endeco 5 – EC5	51.66	0	48.34	0
Energy Trading Ireland	Energy Trading – ET1	0	0	0	0
Powerhouse	Powerhouse – PG1	47.04	52.96	0	0
Viridian	Viridian Energy – VE1	19.77	0	80.23	0
	Viridian Energy – VE2	0.04	0	99.96	0

Table 3: System Total Average Monthly Availability – November 2019

	Monthly Availability %	Monthly Forced %	Monthly Scheduled %	Monthly Ambient %
System Total Average Availability	81.59	12.58	5.01	0.82

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

Unit-by-Unit 365 Day Rolling Availability – November 2019						
Company	Unit	Capacity	Yearly Availability %	Yearly Forced %	Yearly Scheduled %	Yearly Ambient %
Aughinish Alumina Ltd	Seal Rock - SK3	85	89.28	1.06	4.03	5.63
	Seal Rock - SK4	85	88.82	0.81	6.04	4.33
Bord Gáis	Whitegate - WG1	444	86.90	6.82	4.41	1.87
Dublin Waste to Energy	DWTE - DW1	61.5	90.46	9.19	0.35	0.00
ESB Energy Ireland	Aghada - AD2	431	78.50	1.20	19.54	0.76
	Aghada - AT1	90	98.40	0.50	1.10	0.00
	Aghada - AT2	90	98.61	0.40	0.99	0.00
	Aghada - AT4	90	98.86	1.09	0.05	0.00
	Ardnacrusha - AA1	21	98.79	0.01	1.20	0.00
	Ardnacrusha - AA2	22	94.88	0.02	5.10	0.00
	Ardnacrusha - AA3	19	97.61	1.20	1.19	0.00
	Ardnacrusha - AA4	24	89.87	8.27	1.86	0.00
	Erne - ER1	10	88.49	11.46	0.05	0.00
	Erne - ER2	10	93.44	3.40	3.16	0.00
	Erne - ER3	22	97.27	1.42	1.31	0.00
	Erne - ER4	22	92.36	1.41	6.23	0.00
	Lee - LE1	15	90.67	3.14	6.19	0.00
	Lee - LE2	4	88.67	4.36	6.97	0.00
	Lee - LE3	8	96.05	0.26	3.69	0.00
	Liffey - LI1	15	94.94	3.87	1.19	0.00
	Liffey - LI2	15	92.31	6.50	1.19	0.00
	Liffey - LI4	4	97.43	0.61	1.96	0.00
	Liffey - LI5	4	99.58	0.29	0.13	0.00
	Lough Ree - LR4	91	69.42	25.57	5.01	0.00
	Moneypoint - MP1	285	65.75	34.22	0.03	0.00
	Moneypoint - MP2	285	41.96	40.74	17.30	0.00
	Moneypoint - MP3	285	58.97	40.98	0.05	0.00
	North Wall - NW5	104	80.54	2.40	16.72	0.34
	Poolbeg - PBA	231	74.83	10.41	14.76	0.00
	Poolbeg - PBB	231	73.60	21.99	4.41	0.00
	Turlough Hill - TH1	73	89.53	0.31	10.16	0.00
	Turlough Hill - TH2	73	90.56	1.22	8.22	0.00
Turlough Hill - TH3	73	88.05	3.16	8.79	0.00	
Turlough Hill - TH4	73	91.42	0.28	8.30	0.00	
West Offaly - WO4	137	87.06	7.40	5.54	0.00	
Edenderry Power Ltd	Edenderry - ED1	118	80.54	2.04	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
SSE Generation Ireland	Great Island - GI4	461	70.07	22.72	5.97	1.24
	Rhode - RP1	52	94.46	5.54	0.00	0.00
	Rhode - RP2	52	94.14	3.89	1.97	0.00
	Tarbert - TB1	54	98.43	0.38	1.19	0.00
	Tarbert - TB2	54	95.76	1.34	2.90	0.00
	Tarbert - TB3	241	78.40	2.72	18.88	0.00
	Tarbert - TB4	243	92.70	5.66	1.64	0.00
	Tawnaghmore - TP1	52	99.95	0.05	0.00	0.00
Tawnaghmore - TP3	52	99.70	0.30	0.00	0.00	
Indaver	Indaver - IW1	16	91.06	8.88	0.06	0.00
Synergen	Dublin Bay - DB1	405	86.19	11.66	1.19	0.96
Tynagh Energy Ltd	Tynagh - TYC	384	88.08	4.27	3.94	3.71
Viridian	Huntstown - HN2	400	84.91	11.59	0.54	2.96
	Huntstown - HNC	342	84.46	0.62	11.35	3.57

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

Unit-by-Unit 365 Day Rolling Availability – November 2019					
Company	Unit	Yearly Availability %	Yearly Forced %	Yearly Scheduled %	Yearly Ambient %
Activation Energy	Activation Energy 1 – AE1	26.48	59.9	13.62	0
	Activation Energy 2 – AE2	15.45	82.29	2.26	0
	Activation Energy 3 – AE3	56.98	43.01	0.01	0
	Activation Energy 4 – AE4	61.94	26.76	11.3	0
	Activation Energy 5 – AE5	55.26	26.15	18.59	0
	Enernoc 1-EN1	26.93	73.07	0	0
	Enernoc 2-EN2	3.34	96.66	0	0
	Enernoc3-EN3	16.8	83.2	0	0
	Enernoc 4-EN4	15.95	84.04	0.01	0
	Enernoc 5-EN5	49.67	45.53	4.8	0
	Enernoc 6-EN6	66.31	28.59	5.1	0
DAE VPP	DAE VPP – DP1	55.2	0.02	44.78	0
	DAE VPP – DP2	5.52	0	94.48	0
Electricity Exchange Ltd	Electricity Exchange – EE1	50.92	0.02	49.06	0
	Electricity Exchange – EE2	37.22	0	62.78	0
	Electricity Exchange – EE3	38.01	0	61.99	0
	Electricity Exchange – EE4	41.63	0.2	58.17	0
	Electricity Exchange – EE5	58.8	0.05	41.15	0
Electric Ireland	Electric Ireland – EI1	67.96	0.02	32.02	0
Endeco	Endeco 1 – EC1	56.88	0	43.12	0
	Endeco 2 – EC2	21.25	0	78.75	0
	Endeco 5 – EC5	53.36	0.04	46.6	0
Energy Trading Ireland	Energy Trading – ET1	56.63	43.37	0	0
Powerhouse	Powerhouse – PG1	44.13	55.87	0	0
Viridian	Viridian Energy – VE1	45.78	0	54.22	0
	Viridian Energy – VE2	42.75	0	57.25	0

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

	Yearly Availability %	Yearly Forced %	Yearly Scheduled %	Yearly Ambient %
System Total Average Availability	76.29	14.57	8.19	0.95

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