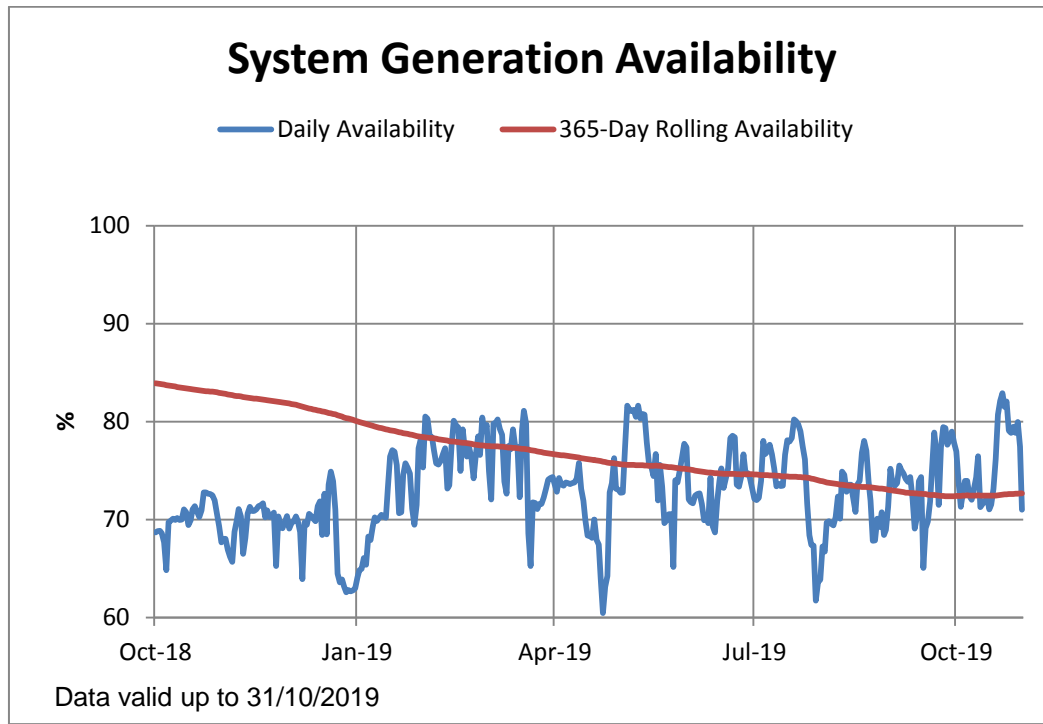


EirGrid Monthly Availability Report – October 2019

Availability report for October 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

General Queries

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¹ Based on EDIL (Electronic Dispatch Instruction Logger) declarations.

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

Unit-by-Unit Average Monthly Availability – October 2019						
Company	Unit	Capacity	Monthly Availability %	Monthly Forced %	Monthly Scheduled %	Monthly Ambient %
Aughinish Alumina Ltd	Seal Rock - SK3	85	93.87	0.00	0.00	6.13
	Seal Rock - SK4	85	94.47	0.00	0.00	5.53
Bord Gáis	Whitegate - WG1	444	96.70	0.05	0.00	3.25
Dublin Waste to Energy	DWTE - DW1	61.5	97.27	2.73	0.00	0.00
ESB Energy Ireland	Aghada - AD2	431	0.80	4.15	95.05	0.00
	Aghada - AT1	90	100.00	0.00	0.00	0.00
	Aghada - AT2	90	99.87	0.13	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	99.78	0.22	0.00	0.00
	Ardnacrusha - AA3	19	97.99	2.01	0.00	0.00
	Ardnacrusha - AA4	24	56.24	43.25	0.51	0.00
	Erne - ER1	10	100.00	0.00	0.00	0.00
	Erne - ER2	10	79.39	20.61	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	97.15	2.85	0.00	0.00
	Lee - LE2	4	97.24	2.76	0.00	0.00
	Lee - LE3	8	96.67	2.40	0.93	0.00
	Liffey - LI1	15	100.00	0.00	0.00	0.00
	Liffey - LI2	15	99.69	0.31	0.00	0.00
	Liffey - LI4	4	99.84	0.16	0.00	0.00
	Liffey - LI5	4	99.58	0.42	0.00	0.00
	Lough Ree - LR4	91	86.61	12.72	0.67	0.00
	Moneypoint - MP1	285	42.89	57.11	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	55.22	2.10	42.68	0.00
	Poolbeg - PBB	231	83.22	7.10	9.66	0.02
	Turlough Hill - TH1	73	99.04	0.00	0.96	0.00
Turlough Hill - TH2	73	89.94	9.07	0.99	0.00	
Turlough Hill - TH3	73	98.48	0.09	1.43	0.00	
Turlough Hill - TH4	73	99.04	0.00	0.96	0.00	
West Offaly - WO4	137	93.31	6.69	0.00	0.00	
Edenderry Power Ltd	Edenderry - ED1	118	99.59	0.41	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	73.85	25.39	0.01	0.75
	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	100.00	0.00	0.00	0.00
	Tarbert - TB2	54	100.00	0.00	0.00	0.00
	Tarbert - TB3	241	100.00	0.00	0.00	0.00
	Tarbert - TB4	243	91.45	0.09	8.46	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	80.65	19.35	0.00	0.00
Synergen	Dublin Bay - DB1	405	82.11	17.18	0.70	0.01
Tynagh Energy Ltd	Tynagh - TYC	384	95.23	1.54	0.01	3.22
Viridian	Huntstown - HN2	400	96.67	0.00	0.00	3.33
	Huntstown - HNC	342	92.37	2.94	0.00	4.69

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

Unit-by-Unit Average Monthly Availability – October 2019					
Company	Unit	Monthly Availability %	Monthly Forced %	Monthly Scheduled %	Monthly Ambient %
Activation Energy	Activation Energy 1 – AE1	31.1	66.84	2.06	0
	Activation Energy 2 – AE2	19.27	78.05	2.68	0
	Activation Energy 3 – AE3	57.29	42.67	0.04	0
	Activation Energy 4 – AE4	95.59	4.41	0	0
	Activation Energy 5 – AE5	56.12	43.88	0	0
	Enernoc 1 - EN1	78.83	21.17	0	0
	Enernoc 2 - EN2	18.58	81.42	0	0
	Enernoc 3-EN3	96.99	3.01	0	0
	Enernoc 4-EN4	96.95	3.05	0	0
	Enernoc 5-EN5	48.27	48.49	3.24	0
	Enernoc 6-EN6	70.49	26.79	2.72	0
DAE VPP	DAE VPP – DP1	68.85	0	31.15	0
	DAE VPP – DP2	0	0	100	0
Electricity Exchange Ltd	Electricity Exchange – EE1	52.92	0.09	46.99	0
	Electricity Exchange – EE2	46	0	54	0
	Electricity Exchange – EE3	28.19	0	71.81	0
	Electricity Exchange – EE4	18.51	0	81.49	0
	Electricity Exchange – EE5	74.64	0	25.36	0
Electric Ireland	Electric Ireland – EI1	73.83	0	26.17	0
Endeco	Endeco 1 – EC1	52.58	0	47.42	0
	Endeco 2 – EC2	8.33	0	91.67	0
	Endeco 5 – EC5	54.37	0.49	45.14	0
Energy Trading Ireland	Energy Trading – ET1	0	0	0	0
Powerhouse	Powerhouse – PG1	40.54	59.46	0	0
Viridian	Viridian Energy – VE1	17.87	0	82.13	0
	Viridian Energy – VE2	0	0	100	0

Table 3: System Total Average Monthly Availability – October 2019

	Monthly Availability %	Monthly Forced %	Monthly Scheduled %	Monthly Ambient %
System Total Average Availability	73.51	14	11.53	0.96

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

Unit-by-Unit 365 Day Rolling Availability – October 2019						
Company	Unit	Capacity	Yearly Availability %	Yearly Forced %	Yearly Scheduled %	Yearly Ambient %
Aughinish Alumina Ltd	Seal Rock - SK3	85	89.38	1.06	4.03	5.53
	Seal Rock - SK4	85	87.97	1.13	6.71	4.19
Bord Gáis	Whitegate - WG1	444	87.13	6.74	4.41	1.72
Dublin Waste to Energy	DWTE - DW1	61.5	90.18	9.73	0.09	0.00
ESB Energy Ireland	Aghada - AD2	431	79.27	0.93	18.98	0.82
	Aghada - AT1	90	98.36	0.51	1.10	0.03
	Aghada - AT2	90	98.31	0.67	0.99	0.03
	Aghada - AT4	90	98.83	1.09	0.05	0.03
	Ardnacrusha - AA1	21	98.42	0.01	1.57	0.00
	Ardnacrusha - AA2	22	94.31	0.59	5.10	0.00
	Ardnacrusha - AA3	19	97.46	1.35	1.19	0.00
	Ardnacrusha - AA4	24	91.00	8.05	0.95	0.00
	Erne - ER1	10	88.49	11.46	0.05	0.00
	Erne - ER2	10	93.57	3.27	3.16	0.00
	Erne - ER3	22	97.27	1.42	1.31	0.00
	Erne - ER4	22	92.35	1.42	6.23	0.00
	Lee - LE1	15	90.60	3.21	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	92.57	6.24	1.19	0.00
	Liffey - LI4	4	97.43	0.61	1.96	0.00
	Liffey - LI5	4	99.60	0.27	0.13	0.00
	Lough Ree - LR4	91	69.49	25.50	5.01	0.00
	Moneypoint - MP1	285	59.23	40.74	0.03	0.00
	Moneypoint - MP2	285	33.74	48.96	17.30	0.00
	Moneypoint - MP3	285	58.97	40.98	0.05	0.00
	North Wall - NW5	104	88.60	2.56	8.50	0.34
	Poolbeg - PBA	231	74.88	10.36	14.76	0.00
	Poolbeg - PBB	231	72.69	22.90	4.41	0.00
	Turlough Hill - TH1	73	89.54	0.30	10.16	0.00
Turlough Hill - TH2	73	90.54	1.24	8.22	0.00	
Turlough Hill - TH3	73	87.98	3.23	8.79	0.00	
Turlough Hill - TH4	73	91.44	0.26	8.30	0.00	
West Offaly - WO4	137	87.36	7.10	5.54	0.00	
Edenderry Power Ltd	Edenderry - ED1	118	80.84	1.74	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	62.65	30.23	5.97	1.15
	Rhode - RP1	52	94.46	5.54	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	78.39	2.73	18.88	0.00
	Tarbert - TB4	243	93.38	5.90	0.72	0.00
	Tawnaghmore - TP1	52	99.90	0.10	0.00	0.00
Tawnaghmore - TP3	52	99.68	0.32	0.00	0.00	
Indaver	Indaver - IW1	16	91.13	8.81	0.06	0.00
Synergen	Dublin Bay - DB1	405	86.24	11.58	1.23	0.95
Tynagh Energy Ltd	Tynagh - TYC	384	88.85	3.50	3.94	3.71
Viridian	Huntstown - HN2	400	85.89	10.53	0.54	3.04
	Huntstown - HNC	342	84.63	0.45	11.35	3.57

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

Unit-by-Unit 365 Day Rolling Availability – October 2019					
Company	Unit	Yearly Availability %	Yearly Forced %	Yearly Scheduled %	Yearly Ambient %
Activation Energy	Activation Energy 1 – AE1	25.81	60.32	13.87	0
	Activation Energy 2 – AE2	17.12	80.55	2.33	0
	Activation Energy 3 – AE3	54.93	45.06	0.01	0
	Activation Energy 4 – AE4	60.66	27.78	11.56	0
	Activation Energy 5 – AE5	55.26	22.79	21.95	0
	Enernoc 1-EN1	25.23	74.77	0	0
	Enernoc 2-EN2	2.03	97.97	0	0
	Enernoc3-EN3	14.55	85.45	0	0
	Enernoc 4-EN4	13.71	86.28	0.01	0
	Enernoc 5-EN5	50.38	44.89	4.73	0
	Enernoc 6-EN6	65.67	29.69	4.64	0
DAE VPP	DAE VPP – DP1	55.8	0.02	44.18	0
	DAE VPP – DP2	6.64	0	93.36	0
Electricity Exchange Ltd	Electricity Exchange – EE1	51.06	0.02	48.92	0
	Electricity Exchange – EE2	38.49	0.01	61.5	0
	Electricity Exchange – EE3	38.77	0	61.23	0
	Electricity Exchange – EE4	46.85	0.2	52.95	0
	Electricity Exchange – EE5	56.21	0.05	43.74	0
Electric Ireland	Electric Ireland – EI1	70.67	0.02	29.31	0
Endeco	Endeco 1 – EC1	58.54	0	41.46	0
	Endeco 2 – EC2	25.09	0	74.91	0
	Endeco 5 – EC5	53.61	0.04	46.35	0
Energy Trading Ireland	Energy Trading – ET1	57.96	42.04	0	0
Powerhouse	Powerhouse – PG1	45.77	54.23	0	0
Viridian	Viridian Energy – VE1	48.68	0	51.32	0
	Viridian Energy – VE2	47.51	0	52.49	0

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

	Yearly Availability %	Yearly Forced %	Yearly Scheduled %	Yearly Ambient %
System Total Average Availability	75.58	15.55	7.93	0.94

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