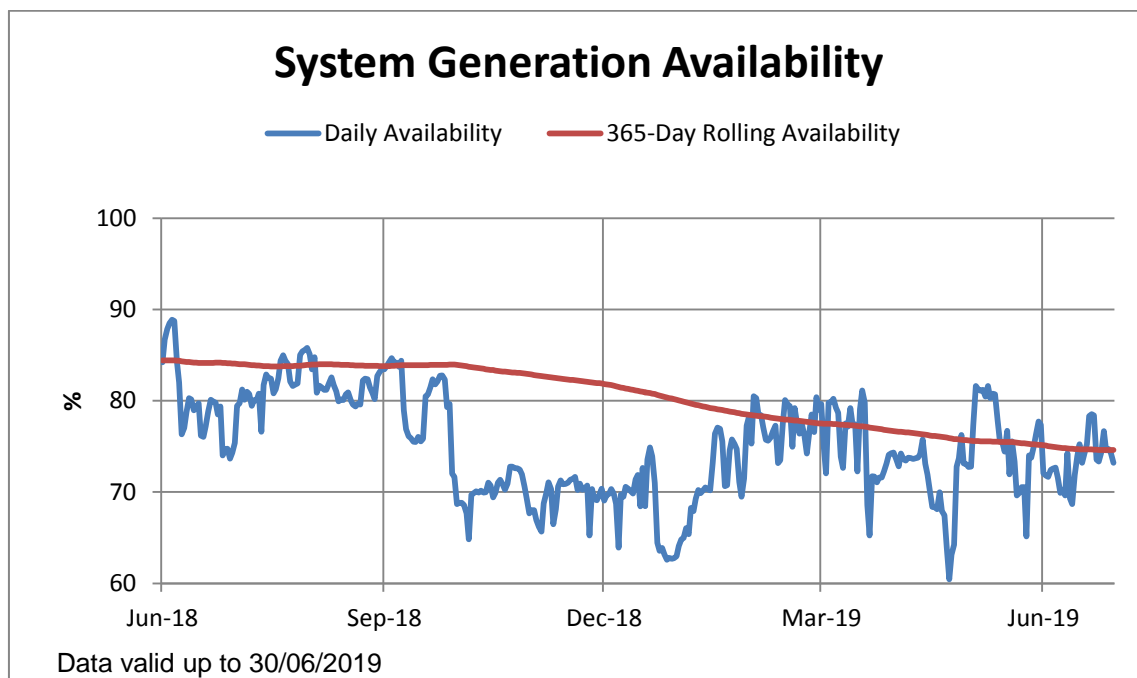


EirGrid Monthly Availability Report – June 2019

Availability report for June 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 – June 2019

Unit-by-Unit Average Monthly Availability – June 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	92.04	0.00	2.36	5.60
Bord Gáis	Whitegate - WG1	444	97.16	0.00	0.00	2.84
Dublin Waste to Energy	DWTE - DW1	61.5	97.09	2.91	0.00	0.00
ESB Energy Ireland	Aghada - AD1	258	0.00	0.00	100.00	0.00
	Aghada - AD2	431	98.18	0.11	0.00	1.71
	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	100.00	0.00	0.00	0.00
	Ardnacrusha - AA4	24	100.00	0.00	0.00	0.00
	Erne - ER1	10	99.68	0.32	0.00	0.00
	Erne - ER2	10	99.95	0.05	0.00	0.00
	Erne - ER3	22	99.61	0.39	0.00	0.00
	Erne - ER4	22	31.02	0.23	68.75	0.00
	Lee - LE1	15	99.60	0.40	0.00	0.00
	Lee - LE2	4	99.89	0.11	0.00	0.00
	Lee - LE3	8	56.21	0.00	43.79	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	99.09	0.91	0.00	0.00
	Lough Ree - LR4	91	56.73	5.49	37.78	0.00
	Marina - MRC	123	0.00	100.00	0.00	0.00
	Moneypoint - MP1	285	81.28	18.72	0.00	0.00
	Moneypoint - MP2	285	70.03	16.36	13.61	0.00
	Moneypoint - MP3	285	83.64	16.36	0.00	0.00
	North Wall - NW5	104	99.07	0.00	0.00	0.93
	Poolbeg - PBA	231	87.99	12.01	0.00	0.00
	Poolbeg - PBB	231	68.10	31.90	0.00	0.00
	Turlough Hill - TH1	73	28.61	0.00	71.39	0.00
	Turlough Hill - TH2	73	48.75	2.77	48.48	0.00
	Turlough Hill - TH3	73	44.01	0.68	55.31	0.00
	Turlough Hill - TH4	73	47.36	0.38	52.26	0.00
	West Offaly - WO4	137	99.25	0.75	0.00	0.00
Edenderry Power Ltd	Edenderry - ED1	118	21.65	0.00	78.35	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	98.18	0.00	0.00	1.82
	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	15.88	15.24	68.88	0.00
	Tarbert - TB4	243	96.28	3.72	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	96.28	3.72	0.00	0.00
Synergen	Dublin Bay - DB1	405	93.37	0.49	0.00	6.14
Tynagh Energy Ltd	Tynagh - TYC	384	34.70	30.58	33.16	1.56
Viridian	Huntstown - HN2	400	95.36	0.00	0.02	4.62
	Huntstown - HNC	342	92.96	1.25	0.18	5.61

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

Unit-by-Unit Average Monthly Availability – June 2019					
Company	Unit	Monthly Availability %	Monthly Forced %	Monthly Scheduled %	Monthly Ambient %
Activation Energy	Activation Energy 1 – AE1	26.95	55.09	17.96	0
	Activation Energy 2 – AE2	13.2	83.2	3.6	0
	Activation Energy 3 – AE3	56.38	43.62	0	0
	Activation Energy 4 – AE4	100	0	0	0
	Activation Energy 5 – AE5	56.1	43.83	0.07	0
	Enernoc 1 - EN1	0	100	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	50.42	47.38	2.2	0
	Enernoc 6-EN6	67.96	31.83	0.21	0
DAE VPP	DAE VPP – DP1	46.05	0	53.95	0
	DAE VPP – DP2	0	0	100	0
Electricity Exchange Ltd	Electricity Exchange – EE1	54.45	0	45.55	0
	Electricity Exchange – EE2	32.51	0	67.49	0
	Electricity Exchange – EE3	40.4	0	59.6	0
	Electricity Exchange – EE4	29.33	0.36	70.31	0
	Electricity Exchange – EE5	69.49	0	30.51	0
Electric Ireland	Electric Ireland – EI1	48.02	0	51.98	0
Endeco	Endeco 1 – EC1	58.01	0	41.99	0
	Endeco 2 – EC2	25	0	75	0
	Endeco 5 – EC5	50.61	0	49.39	0
Energy Trading Ireland	Energy Trading – ET1	66.66	33.34	0	0
Powerhouse	Powerhouse – PG1	36.39	63.61	0	0
Viridian	Viridian Energy – VE1	55.84	0	44.16	0
	Viridian Energy – VE2	49.27	0	50.73	0

Table 3: System Total Average Monthly Availability – June 2019

	Monthly Availability %	Monthly Forced %	Monthly Scheduled %	Monthly Ambient %
System Total Average Availability	73.35	11.17	14.06	1.42

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

Unit-by-Unit 365 Day Rolling Availability – June 2019						
Company	Unit	Capacity	Monthly Availability %	Monthly Forced %	Monthly Scheduled %	Monthly Ambient %
Aughinish Alumina Ltd	Seal Rock - SK3	85	90.04	0.46	4.12	5.38
	Seal Rock - SK4	85	90.94	1.51	2.97	4.58
Bord Gáis	Whitegate - WG1	444	92.40	6.26	0.00	1.34
Dublin Waste to Energy	DWTE - DW1	61.5	88.98	7.76	3.26	0.00
ESB Energy Ireland	Aghada - AD1	258	24.73	1.14	74.13	0.00
	Aghada - AD2	431	97.80	0.57	0.48	1.15
	Aghada - AT1	90	98.88	0.46	0.62	0.04
	Aghada - AT2	90	98.78	0.60	0.58	0.04
	Aghada - AT4	90	92.12	0.72	7.12	0.04
	Ardnacrusha - AA1	21	74.62	0.01	25.37	0.00
	Ardnacrusha - AA2	22	78.67	4.95	16.38	0.00
	Ardnacrusha - AA3	19	78.67	2.73	18.60	0.00
	Ardnacrusha - AA4	24	82.22	0.16	17.62	0.00
	Erne - ER1	10	88.12	11.78	0.10	0.00
	Erne - ER2	10	98.81	0.98	0.21	0.00
	Erne - ER3	22	90.69	8.01	1.30	0.00
	Erne - ER4	22	91.73	1.41	6.86	0.00
	Lee - LE1	15	90.77	2.95	6.28	0.00
	Lee - LE2	4	93.08	0.04	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	93.62	0.19	6.19	0.00
	Lough Ree - LR4	91	88.14	4.87	6.99	0.00
	Marina - MRC	123	19.34	80.66	0.00	0.00
	Moneypoint - MP1	285	40.66	43.42	15.92	0.00
	Moneypoint - MP2	285	39.89	58.99	1.12	0.00
	Moneypoint - MP3	285	36.97	62.98	0.05	0.00
	North Wall - NW5	104	90.95	5.20	3.64	0.21
	Poolbeg - PBA	231	88.00	6.33	5.67	0.00
	Poolbeg - PBB	231	79.31	18.74	1.95	0.00
	Turlough Hill - TH1	73	89.47	0.54	9.99	0.00
	Turlough Hill - TH2	73	90.52	0.95	8.53	0.00
	Turlough Hill - TH3	73	86.23	4.87	8.90	0.00
	Turlough Hill - TH4	73	86.04	5.79	8.17	0.00
West Offaly - WO4	137	76.52	1.13	22.35	0.00	
Edenderry Power Ltd	Edenderry - ED1	118	90.49	0.85	8.66	0.00
	Edenderry - ED3	58	98.67	0.00	1.33	0.00
	Edenderry - ED5	58	98.35	0.32	1.33	0.00
SSE Generation Ireland	Great Island - GI4	461	55.87	30.01	13.10	1.02
	Rhode - RP1	52	99.38	0.62	0.00	0.00
	Rhode - RP2	52	99.74	0.26	0.00	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	90.97	2.72	6.31	0.00
	Tarbert - TB4	243	94.68	5.30	0.02	0.00
	Tawnaghmore - TP1	52	98.64	0.14	1.22	0.00
Tawnaghmore - TP3	52	97.72	2.07	0.21	0.00	
Indaver	Indaver - IW1	16	90.56	9.38	0.06	0.00
Synergen	Dublin Bay - DB1	405	87.93	10.12	1.35	0.60
Tynagh Energy Ltd	Tynagh - TYC	384	88.22	2.99	5.16	3.63
Viridian	Huntstown - HN2	400	85.91	10.53	0.54	3.02
	Huntstown - HNC	342	95.66	0.19	0.16	3.99

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

Unit-by-Unit 365 Day Rolling Availability – June 2019					
Company	Unit	Monthly Availability %	Monthly Forced %	Monthly Scheduled %	Monthly Ambient %
Activation Energy	Activation Energy 1 – AE1	27.99	58.99	13.02	0
	Activation Energy 2 – AE2	25.8	72.59	1.61	0
	Activation Energy 3 – AE3	56.02	43.93	0.05	0
	Activation Energy 4 – AE4	28	59.22	12.78	0
	Activation Energy 5 – AE5	54.39	10.04	35.57	0
	Enernoc 1-EN1	0	100	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	53.01	41.57	5.42	0
	Enernoc 6-EN6	58.36	36.44	5.2	0
DAE VPP	DAE VPP – DP1	63.92	0	36.08	0
	DAE VPP – DP2	13.76	0	86.24	0
Electricity Exchange Ltd	Electricity Exchange – EE1	53.74	0.01	46.25	0
	Electricity Exchange – EE2	41.67	0.01	58.32	0
	Electricity Exchange – EE3	40.61	0.08	59.31	0
	Electricity Exchange – EE4	60.81	0.03	39.16	0
	Electricity Exchange – EE5	55.04	0.05	44.91	0
Electric Ireland	Electric Ireland – EI1	76.16	0.03	23.81	0
Endeco	Endeco 1 – EC1	58.45	0	41.55	0
	Endeco 2 – EC2	32.02	0.04	67.94	0
	Endeco 5 – EC5	52.98	0.21	46.81	0
Energy Trading Ireland	Energy Trading – ET1	63.82	36.18	0	0
Powerhouse	Powerhouse – PG1	57.24	42.76	0	0
Viridian	Viridian Energy – VE1	51.03	0	48.97	0
	Viridian Energy – VE2	52.17	0.01	47.82	0

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

	Yearly Availability %	Yearly Forced %	Yearly Scheduled %	Yearly Ambient %
System Total Average Availability	74.6	16.27	8.24	0.89

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