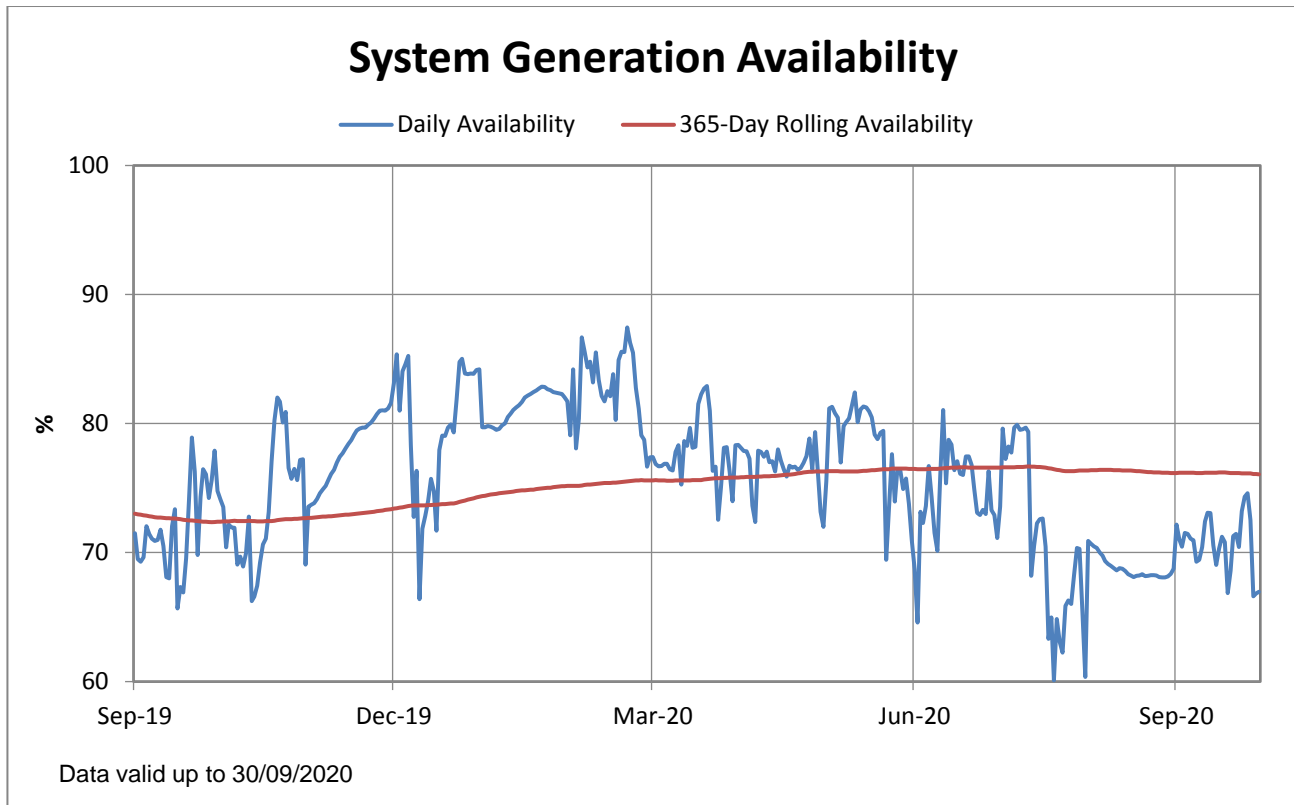


EirGrid Monthly Availability Report – September 2020

Availability report for September 2020¹



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 – September 2020

Unit-by-Unit Average Monthly Availability – September 2020						
Company	Unit	Capacity	Monthly Availability %	Monthly Forced %	Monthly Scheduled %	Monthly Ambient %
Aughinish Alumina Ltd	Seal Rock - SK3	85	82.03	3.72	9.50	4.75
	Seal Rock - SK4	85	82.89	1.54	11.40	4.17
Bord Gáis	Whitegate - WG1	444	97.30	0.24	0.00	2.46
Dublin Waste to Energy	DWTE - DW1	61.5	99.26	0.74	0.00	0.00
ESB Energy Ireland	Aghada - AD2	431	100.00	0.00	0.00	0.00
	Aghada - AT1	90	100.00	0.00	0.00	0.00
	Aghada - AT2	90	64.90	16.49	18.61	0.00
	Aghada - AT4	90	99.95	0.05	0.00	0.00
	Ardnacrusha - AA1	21	68.75	0.00	31.25	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	34.97	9.47	55.56	0.00
	Erne - ER1	10	99.02	0.98	0.00	0.00
	Erne - ER2	10	99.02	0.98	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	99.83	0.17	0.00	0.00
	Lee - LE3	8	0.00	100.00	0.00	0.00
	Liffey - LI1	15	84.56	9.77	5.67	0.00
	Liffey - LI2	15	84.60	9.71	5.69	0.00
	Liffey - LI4	4	92.65	3.13	4.22	0.00
	Liffey - LI5	4	73.89	14.39	11.72	0.00
	Lough Ree - LR4	91	0.00	100.00	0.00	0.00
	Moneypoint - MP1	285	84.68	15.32	0.00	0.00
	Moneypoint - MP2	285	26.09	73.91	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	0.00	0.00	100.00	0.00
	Poolbeg - PBB	231	66.81	6.64	26.55	0.00
	Turlough Hill - TH1	73	88.40	11.60	0.00	0.00
	Turlough Hill - TH2	73	88.39	11.61	0.00	0.00
	Turlough Hill - TH3	73	98.42	1.58	0.00	0.00
	Turlough Hill - TH4	73	98.29	1.71	0.00	0.00
West Offaly - WO4	137	0.69	99.31	0.00	0.00	
Edenderry Power Ltd	Edenderry - ED1	118	99.26	0.74	0.00	0.00
	Edenderry - ED3	58	99.86	0.14	0.00	0.00
	Edenderry - ED5	58	96.81	3.19	0.00	0.00
SSE Generation Ireland	Great Island - GI4	461	87.56	0.80	10.00	1.64
	Rhode - RP1	52	99.83	0.17	0.00	0.00
	Rhode - RP2	52	24.51	75.49	0.00	0.00
	Tarbert - TB1	54	100.00	0.00	0.00	0.00
	Tarbert - TB2	54	89.65	10.35	0.00	0.00
	Tarbert - TB3	241	78.14	21.86	0.00	0.00
	Tarbert - TB4	243	98.01	1.99	0.00	0.00
	Tawnaghmore - TP1	52	99.99	0.01	0.00	0.00
Tawnaghmore - TP3	52	100.00	0.00	0.00	0.00	
Indaver	Indaver - IW1	16	90.36	9.64	0.00	0.00
Synergen	Dublin Bay - DB1	405	99.96	0.00	0.00	0.04
Tynagh Energy Ltd	Tynagh - TYC	384	85.94	3.60	6.06	4.40
Viridian	Huntstown - HN2	400	95.27	0.00	0.00	4.73
	Huntstown - HNC	342	93.82	0.38	0.05	5.75

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 2: Unit-by-Unit Average Monthly Availability Demand Side Units – September 2020

Unit-by-Unit Average Monthly Availability – September 2020					
Company	Unit	Monthly Availability %	Monthly Forced %	Monthly Scheduled %	Monthly Ambient %
Activation Energy	Activation Energy 1 – AE1	42.32	50.64	7.04	0
	Activation Energy 2 – AE2	21.94	77.68	0.38	0
	Activation Energy 3 – AE3	62.67	37.33	0	0
	Activation Energy 4 – AE4	0	100	0	0
	Activation Energy 5 – AE5	55.68	44.29	0.03	0
	Enernoc 1 - EN1	0	100	0	0
	Enernoc 2 - EN2	24.13	75.87	0	0
	Enernoc 3-EN3	0.11	99.89	0	0
	Enernoc 4-EN4	55.92	44.08	0	0
	Enernoc 5-EN5	17.82	82.18	0	0
Enernoc 6-EN6	40.11	12.77	47.12	0	
DAE VPP	DAE VPP – DP1	68.86	0	31.14	0
	DAE VPP – DP2	37.23	0	62.77	0
Electricity Exchange Ltd	Electricity Exchange – EE1	42.73	0	57.27	0
	Electricity Exchange – EE2	26.93	0	73.07	0
	Electricity Exchange – EE3	22	0	78	0
	Electricity Exchange – EE4	13.45	0	86.55	0
	Electricity Exchange – EE5	56.91	0	43.09	0
	Electricity Exchange – EE6	57.18	0	42.82	0
Electric Ireland	Electric Ireland – EI1	55.05	0	44.95	0
Endeco	Endeco 1 – EC1	38.71	0	61.29	0
	Endeco 2 – EC2	17.13	0	82.87	0
	Endeco 5 – EC5	48.42	0	51.58	0
Energy Trading Ireland	Energy Trading – ET1	0	100	0	0
Powerhouse	Powerhouse – PG1	23.19	76.81	0	0
Viridian	Viridian Energy – VE1	8.76	0	91.24	0
	Viridian Energy – VE2	0	0	100	0

Table 3: System Total Average Monthly Availability – September 2020

	Monthly Availability %	Monthly Forced %	Monthly Scheduled %	Monthly Ambient %
System Total Average Availability	70.72	18.23	9.93	1.12

Table 4: Unit-by-Unit 365 Day Rolling Availability Conventional Units – September 2019 to September 2020

Unit-by-Unit 365 Day Rolling Availability – September 2020						
Company	Unit	Capacity	Annual Availability %	Annual Forced %	Annual Scheduled %	Annual Ambient %
Aughinish Alumina Ltd	Seal Rock - SK3	85	89.88	1.49	3.14	5.49
	Seal Rock - SK4	85	91.16	3.15	1.62	4.07
Bord Gáis	Whitegate - WG1	444	90.26	5.41	2.06	2.27
Dublin Waste to Energy	DWTE - DW1	61.5	93.01	4.66	2.33	0.00
ESB Energy Ireland	Aghada - AD2	431	81.85	7.91	10.21	0.03
	Aghada - AT1	90	95.80	3.29	0.91	0.00
	Aghada - AT2	90	96.77	1.64	1.59	0.00
	Aghada - AT4	90	99.31	0.03	0.66	0.00
	Ardnacrusha - AA1	21	90.74	1.09	8.17	0.00
	Ardnacrusha - AA2	22	98.47	0.07	1.46	0.00
	Ardnacrusha - AA3	19	95.31	3.25	1.44	0.00
	Ardnacrusha - AA4	24	73.91	17.70	8.39	0.00
	Erne - ER1	10	95.56	1.36	3.08	0.00
	Erne - ER2	10	96.05	2.15	1.80	0.00
	Erne - ER3	22	97.99	0.82	1.19	0.00
	Erne - ER4	22	98.59	0.23	1.18	0.00
	Lee - LE1	15	95.56	0.45	3.99	0.00
	Lee - LE2	4	69.84	26.36	3.80	0.00
	Lee - LE3	8	74.32	17.86	7.82	0.00
	Liffey - LI1	15	98.73	0.80	0.47	0.00
	Liffey - LI2	15	93.55	5.97	0.48	0.00
	Liffey - LI4	4	90.48	9.16	0.36	0.00
	Liffey - LI5	4	90.32	1.24	8.44	0.00
	Lough Ree - LR4	91	48.16	51.78	0.06	0.00
	Moneypoint - MP1	285	72.31	27.60	0.09	0.00
	Moneypoint - MP2	285	67.65	32.30	0.05	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	83.08	1.37	15.55	0.00
	Poolbeg - PBB	231	91.14	3.90	4.95	0.01
	Turlough Hill - TH1	73	92.32	6.47	1.21	0.00
	Turlough Hill - TH2	73	92.88	5.38	1.74	0.00
	Turlough Hill - TH3	73	97.15	0.79	2.06	0.00
	Turlough Hill - TH4	73	97.88	0.34	1.78	0.00
West Offaly - WO4	137	53.03	46.97	0.00	0.00	
Edenderry Power Ltd	Edenderry - ED1	118	84.26	1.66	14.08	0.00
	Edenderry - ED3	58	99.88	0.12	0.00	0.00
	Edenderry - ED5	58	99.32	0.68	0.00	0.00
SSE Generation Ireland	Great Island - GI4	461	92.74	5.23	0.82	1.21
	Rhode - RP1	52	98.81	1.19	0.00	0.00
	Rhode - RP2	52	87.81	12.19	0.00	0.00
	Tarbert - TB1	54	98.36	1.64	0.00	0.00
	Tarbert - TB2	54	93.02	6.98	0.00	0.00
	Tarbert - TB3	241	88.31	9.13	2.56	0.00
	Tarbert - TB4	243	85.29	9.14	5.57	0.00
	Tawnaghmore - TP1	52	99.38	0.03	0.59	0.00
Tawnaghmore - TP3	52	99.86	0.14	0.00	0.00	
Indaver	Indaver - IW1	16	88.82	11.18	0.00	0.00
Synergen	Dublin Bay - DB1	405	95.10	3.71	1.12	0.07
Tynagh Energy Ltd	Tynagh - TYC	384	78.29	8.27	10.18	3.26
Viridian	Huntstown - HN2	400	95.06	1.75	0.00	3.19
	Huntstown - HNC	342	92.77	1.61	1.16	4.46

Table 5: Unit-by-Unit 365 Day Rolling Availability Demand Side Units – September 2019 to September 2020

Unit-by-Unit 365 Day Rolling Availability – September 2020					
Company	Unit	Annual Availability %	Annual Forced %	Annual Scheduled %	Annual Ambient %
Activation Energy	Activation Energy 1 – AE1	28.33	67.63	4.04	0
	Activation Energy 2 – AE2	17.86	74.89	7.25	0
	Activation Energy 3 – AE3	41.94	58.06	0	0
	Activation Energy 4 – AE4	30.31	69.66	0.03	0
	Activation Energy 5 – AE5	54.93	45.05	0.02	0
	Enernoc 1-EN1	25.52	74.48	0	0
	Enernoc 2-EN2	16.99	83.01	0	0
	Enernoc3-EN3	43.49	54.57	1.94	0
	Enernoc 4-EN4	50.96	48.98	0.06	0
	Enernoc 5-EN5	33.47	64.02	2.51	0
	Enernoc 6-EN6	42.71	36.28	21.01	0
DAE VPP	DAE VPP – DP1	66.26	0	33.74	0
	DAE VPP – DP2	8.62	0	91.38	0
Electricity Exchange Ltd	Electricity Exchange – EE1	50.17	0.03	49.8	0
	Electricity Exchange – EE2	28.18	0.02	71.8	0
	Electricity Exchange – EE3	22.61	0	77.39	0
	Electricity Exchange – EE4	12.05	0.01	87.94	0
	Electricity Exchange – EE5	65.98	0.02	34	0
	Electricity Exchange – EE6	65.98	0.02	34	0
Electric Ireland	Electric Ireland – EI1	52.64	0	47.36	0
Endeco	Endeco 1 – EC1	57.71	0.2	42.09	0
	Endeco 2 – EC2	40.6	0.05	59.35	0
	Endeco 5 – EC5	11.6	0	88.4	0
Energy Trading Ireland	Energy Trading – ET1	43.78	0.09	56.13	0
Powerhouse	Powerhouse – PG1	0	100	0	0
Viridian	Viridian Energy – VE1	32.43	67.57	0	0
	Viridian Energy – VE2	18.04	0.02	81.94	0

Table 6: 365 Day Rolling System Total Average Availability – September 2019 to September 2020

	Annual Availability %	Annual Forced %	Annual Scheduled %	Annual Ambient %
System Total Average Availability	76.26	15.82	7.03	0.89