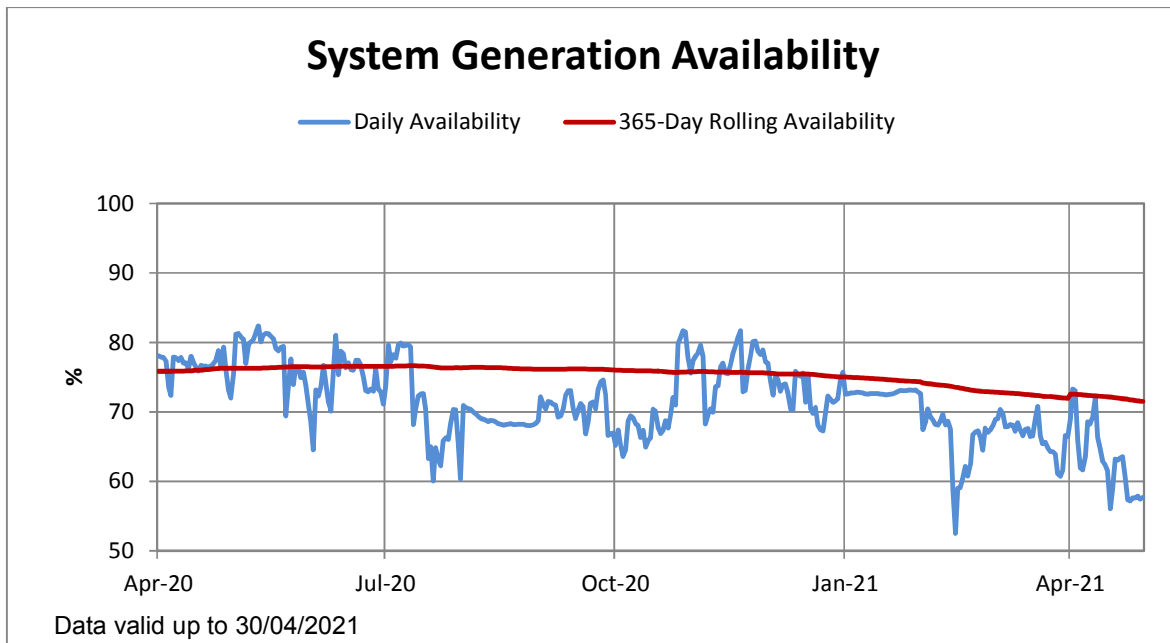


EirGrid Monthly Availability Report – April 2021

Availability report for April 2021¹



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 – April 2021

Unit-by-Unit Average Monthly Availability – April 2021						
Company	Unit	Capacity	Monthly Availability %	Monthly Forced %	Monthly Scheduled %	Monthly Ambient %
Aughinish Alumina Ltd	Seal Rock - SK3	85	95.63	0.00	0.00	4.37
	Seal Rock - SK4	85	96.82	0.00	0.00	3.18
Bord Gáis	Whitegate - WG1	444	0.00	100.00	0.00	0.00
Dublin Waste to Energy	DWTE - DW1	61.5	96.34	3.66	0.00	0.00
ESB Energy Ireland	Aghada - AD2	431	93.24	0.20	6.19	0.37
	Aghada - AT1	90	100.00	0.00	0.00	0.00
	Aghada - AT2	90	91.26	0.00	8.74	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	99.85	0.15	0.00	0.00
	Ardnacrusha - AA3	19	96.78	3.22	0.00	0.00
	Ardnacrusha - AA4	24	0.00	100.00	0.00	0.00
	Erne - ER1	10	37.92	13.89	48.19	0.00
	Erne - ER2	10	73.21	2.00	24.79	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	38.57	61.43	0.00	0.00
	Lee - LE2	4	17.82	47.20	34.98	0.00
	Lee - LE3	8	100.00	0.00	0.00	0.00
	Liffey - LI1	15	37.92	0.00	62.08	0.00
	Liffey - LI2	15	37.92	0.00	62.08	0.00
	Liffey - LI4	4	100.00	0.00	0.00	0.00
	Liffey - LI5	4	100.00	0.00	0.00	0.00
	Moneypoint - MP1	285	84.32	15.68	0.00	0.00
	Moneypoint - MP2	285	39.94	60.06	0.00	0.00
	Moneypoint - MP3	285	99.73	0.27	0.00	0.00
	North Wall - NW5	104	0.00	0.00	100.00	0.00
	Poolbeg - PBA	231	100.00	0.00	0.00	0.00
	Poolbeg - PBB	231	82.08	0.35	17.57	0.00
	Turlough Hill - TH1	73	100.00	0.00	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	100.00	0.00	0.00	0.00	
Edenderry Power Ltd	Edenderry - ED1	118	82.60	17.40	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	93.93	0.00	5.94	0.13
	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	99.05	0.95	0.00	0.00
	Tarbert - TB2	54	99.82	0.18	0.00	0.00
	Tarbert - TB3	241	89.53	10.47	0.00	0.00
	Tarbert - TB4	243	19.87	80.13	0.00	0.00
	Tawnaghmore - TP1	52	37.57	0.35	62.08	0.00
Tawnaghmore - TP3	52	37.84	0.07	62.09	0.00	
Indaver	Indaver - IW1	16	99.79	0.21	0.00	0.00
Synergen	Dublin Bay - DB1	405	74.85	0.00	25.15	0.00
Tynagh Energy Ltd	Tynagh - TYC	384	31.20	4.41	63.89	0.50
Viridian	Huntstown - HN2	400	0.00	57.64	42.36	0.00
	Huntstown - HNC	342	97.76	0.00	0.00	2.24

Table 2: Unit-by-Unit Average Monthly Availability Demand Side Units – April 2021

Unit-by-Unit Average Monthly Availability – January 2021					
Company	Unit	Monthly Availability %	Monthly Forced %	Monthly Scheduled %	Monthly Ambient %
Activation Energy	Activation Energy 1 – AE1	15.75	77.67	6.58	0
	Activation Energy 2 – AE2	38.9	52.42	8.68	0
	Activation Energy 3 – AE3	51.02	48.98	0	0
	Activation Energy 4 – AE4	0	100	0	0
	Activation Energy 5 – AE5	0	100	0	0
	Enernoc 1 - EN1	25.23	74.77	0	0
	Enernoc 2 - EN2	0	100	0	0
	Enernoc 3-EN3	46.98	52.99	0.03	0
	Enernoc 4-EN4	0	100	0	0
	Enernoc 5-EN5	15.84	84.16	0	0
	Enernoc 6-EN6	34.96	41.69	23.35	0
	Enernoc 8-EN8	54.53	42.6	2.87	0
Enernoc 9-EN9	38.27	19.74	41.99	0	
DAE VPP	DAE VPP – DP1	41.7	0	58.3	0
	DAE VPP – DP2	42.61	0	57.39	0
Electricity Exchange Ltd	Electricity Exchange – EE1	40.54	0	59.46	0
	Electricity Exchange – EE2	22.18	0	77.82	0
	Electricity Exchange – EE3	15.91	0	84.09	0
	Electricity Exchange – EE4	16.36	0	83.64	0
	Electricity Exchange – EE5	59.2	0	40.8	0
	Electricity Exchange – EE6	52.45	0	47.55	0
	Electricity Exchange – EE7	58	0	42	0
Electric Ireland	Electric Ireland – EI1	31.51	0	68.49	0
Endeco	Endeco 1 – EC1	34.24	0	65.76	0
	Endeco 2 – EC2	16.71	0	83.29	0
	Endeco 5 – EC5	43.38	0.07	56.55	0
Energy Trading Ireland	Energy Trading – ET1	2.43	97.57	0	0
Powerhouse	Powerhouse – PG1	13.53	86.47	0	0
Viridian	Viridian Energy – VE1	18.77	0	81.23	0
	Viridian Energy – VE2	0	0	100	0

Table 3: System Total Average Monthly Availability – April 2021

	Monthly Availability %	Monthly Forced %	Monthly Scheduled %	Monthly Ambient %
System Total Average Availability	63.2	21.71	14.84	0.25

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Table 4: Unit-by-Unit 365 Day Rolling Availability Conventional Units – April 2020 to April 2021

Unit-by-Unit 365 Day Rolling Availability – April 2021							
Company	Unit	Capacity	Annual Availability %	Annual Forced %	Annual Scheduled %	Annual Ambient %	
Aughinish Alumina Ltd	Seal Rock - SK3	85	88.36	2.47	3.78	5.39	
	Seal Rock - SK4	85	91.92	1.65	2.69	3.74	
Bord Gáis	Whitegate - WG1	444	51.69	44.73	1.94	1.64	
Dublin Waste to Energy	DWTE - DW1	61.5	87.75	6.71	5.54	0.00	
ESB Energy Ireland	Aghada - AD2	431	92.39	5.88	1.68	0.05	
	Aghada - AT1	90	95.08	3.81	1.11	0.00	
	Aghada - AT2	90	95.75	1.94	2.31	0.00	
	Aghada - AT4	90	89.28	8.41	2.31	0.00	
	Ardnacrusha - AA1	21	91.06	1.08	7.86	0.00	
	Ardnacrusha - AA2	22	98.48	0.06	1.46	0.00	
	Ardnacrusha - AA3	19	97.72	2.11	0.17	0.00	
	Ardnacrusha - AA4	24	68.93	22.26	8.81	0.00	
	Erne - ER1	10	89.80	2.69	7.51	0.00	
	Erne - ER2	10	95.17	0.30	4.53	0.00	
	Erne - ER3	22	97.62	1.05	1.33	0.00	
	Erne - ER4	22	98.44	0.29	1.27	0.00	
	Lee - LE1	15	87.15	7.64	5.21	0.00	
	Lee - LE2	4	66.55	26.59	6.86	0.00	
	Lee - LE3	8	63.46	28.80	7.74	0.00	
	Liffey - LI1	15	87.79	6.54	5.67	0.00	
	Liffey - LI2	15	92.57	1.76	5.67	0.00	
	Liffey - LI4	4	96.10	3.45	0.45	0.00	
	Liffey - LI5	4	89.17	2.39	8.44	0.00	
	Moneypoint - MP1	285	77.92	18.68	3.40	0.00	
	Moneypoint - MP2	285	47.32	52.68	0.00	0.00	
	Moneypoint - MP3	285	42.73	57.27	0.00	0.00	
	North Wall - NW5	104	0.00	0.00	100.00	0.00	
	Poolbeg - PBA	231	78.14	5.16	16.68	0.02	
	Poolbeg - PBB	231	87.12	5.36	7.51	0.01	
	Turlough Hill - TH1	73	85.52	8.74	5.74	0.00	
	Turlough Hill - TH2	73	90.45	2.92	6.63	0.00	
	Turlough Hill - TH3	73	92.69	0.97	6.34	0.00	
	Turlough Hill - TH4	73	93.38	0.45	6.17	0.00	
	Edenderry Power Ltd	Edenderry - ED1	118	83.95	3.44	12.61	0.00
		Edenderry - ED3	58	99.76	0.12	0.12	0.00
Edenderry - ED5		58	99.18	0.68	0.14	0.00	
SSE Generation Ireland	Great Island - GI4	461	88.71	1.46	8.71	1.12	
	Rhode - RP1	52	99.09	0.91	0.00	0.00	
	Rhode - RP2	52	88.17	11.83	0.00	0.00	
	Tarbert - TB1	54	99.19	0.81	0.00	0.00	
	Tarbert - TB2	54	94.57	5.43	0.00	0.00	
	Tarbert - TB3	241	81.98	14.28	3.74	0.00	
	Tarbert - TB4	243	72.14	24.48	3.38	0.00	
	Tawnaghmore - TP1	52	94.12	0.19	5.69	0.00	
Tawnaghmore - TP3	52	94.75	0.15	5.10	0.00		
Indaver	Indaver - IW1	16	77.38	11.65	10.97	0.00	
Synergen	Dublin Bay - DB1	405	93.44	3.50	2.99	0.07	
Tynagh Energy Ltd	Tynagh - TYC	384	83.22	6.81	6.11	3.86	
Viridian	Huntstown - HN2	400	71.50	18.01	7.60	2.89	
	Huntstown - HNC	342	79.34	0.38	16.58	3.70	

Table 5: Unit-by-Unit 365 Day Rolling Availability Demand Side Units – April 2020 to April 2021

Unit-by-Unit 365 Day Rolling Availability – April 2021					
Company	Unit	Annual Availability %	Annual Forced %	Annual Scheduled %	Annual Ambient %
Activation Energy	Activation Energy 1 – AE1	22.86	71.25	5.89	0
	Activation Energy 2 – AE2	24.95	67.26	7.79	0
	Activation Energy 3 – AE3	51.51	48.47	0.02	0
	Activation Energy 4 – AE4	8.02	91.96	0.02	0
	Activation Energy 5 – AE5	37.74	62.24	0.02	0
	Enernoc 1-EN1	9.36	90.64	0	0
	Enernoc 2-EN2	12.97	87.03	0	0
	Enernoc3-EN3	18.26	81.74	0	0
	Enernoc 4-EN4	28.66	71.28	0.06	0
	Enernoc 5-EN5	21.03	78.97	0	0
	Enernoc 6-EN6	37.8	37.16	25.04	0
	Enernoc 8-EN8	31.16	66.8	2.04	0
	Enernoc 9-EN9	33.63	58.95	7.42	0
DAE VPP	DAE VPP – DP1	65.22	0.03	34.75	0
	DAE VPP – DP2	21.39	0.82	77.79	0
Electricity Exchange Ltd	Electricity Exchange – EE1	40.42	0.02	59.56	0
	Electricity Exchange – EE2	23.96	0.02	76.02	0
	Electricity Exchange – EE3	19.91	0	80.09	0
	Electricity Exchange – EE4	13.41	0	86.59	0
	Electricity Exchange – EE5	48.92	0.02	51.06	0
	Electricity Exchange – EE6	48.92	0.02	51.06	0
	Electricity Exchange – EE7	54.89	0	45.11	0
Electric Ireland	Electric Ireland – EI1	54.89	0	45.11	0
Endeco	Endeco 1 – EC1	54.8	0	45.2	0
	Endeco 2 – EC2	37.33	0.01	62.66	0
	Endeco 5 – EC5	20.03	0.21	79.76	0
Energy Trading Ireland	Energy Trading – ET1	42.47	0.02	57.51	0
Powerhouse	Powerhouse – PG1	0.13	99.87	0	0
Viridian	Viridian Energy – VE1	22.97	77.03	0	0
	Viridian Energy – VE2	15.15	0.03	84.82	0

Table 6: 365 Day Rolling System Total Average Availability – April 2020 to April 2021

	Annual Availability %	Annual Forced %	Annual Scheduled %	Annual Ambient %
System Total Average Availability	71.52	18.77	8.88	0.83

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