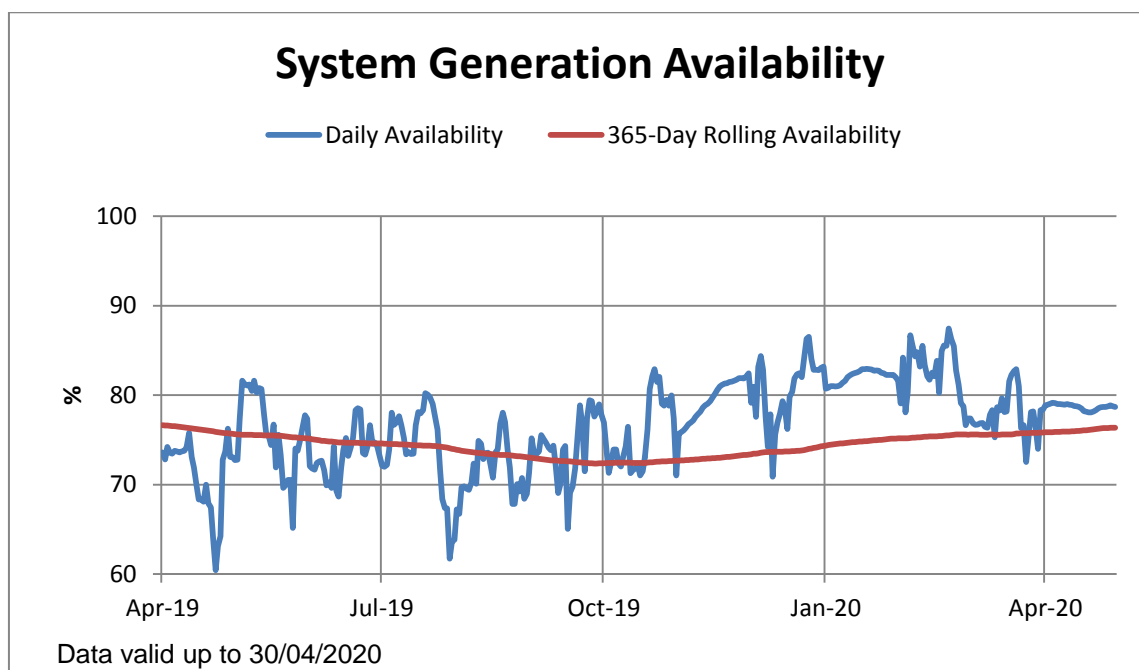


## EirGrid Monthly Availability Report – April 2020

Availability report for April 2020<sup>1</sup>



### 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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<sup>1</sup> Based on EDIL (Electronic Dispatch Instruction Logger) declarations.

**Table 1: Unit-by-Unit Average Monthly Availability Conventional Units – April 2020**

Unit-by-Unit Average Monthly Availability – April 2020						
Company	Unit	Capacity	Monthly Availability %	Monthly Forced %	Monthly Scheduled %	Monthly Ambient %
Aughinish Alumina Ltd	Seal Rock - SK3	85	91.06	1.63	0.00	7.31
	Seal Rock - SK4	85	94.28	2.65	0.00	3.07
Bord Gáis	Whitegate - WG1	444	92.52	4.34	1.41	1.73
Dublin Waste to Energy	DWTE - DW1	61.5	93.25	6.75	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	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	80.29	4.83	14.88	0.00
	Ardnacrusha - AA4	24	99.82	0.18	0.00	0.00
	Erne - ER1	10	100.00	0.00	0.00	0.00
	Erne - ER2	10	100.00	0.00	0.00	0.00
	Erne - ER3	22	100.00	0.00	0.00	0.00
	Erne - ER4	22	85.75	0.00	14.25	0.00
	Lee - LE1	15	100.00	0.00	0.00	0.00
	Lee - LE2	4	44.44	10.56	45.00	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	100.00	0.00	0.00	0.00
	Liffey - LI4	4	100.00	0.00	0.00	0.00
	Liffey - LI5	4	100.00	0.00	0.00	0.00
	Lough Ree - LR4	91	35.91	64.09	0.00	0.00
	Moneypoint - MP1	285	94.56	5.44	0.00	0.00
	Moneypoint - MP2	285	42.11	57.89	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	98.76	0.36	0.88	0.00
	Poolbeg - PBB	231	100.00	0.00	0.00	0.00
	Turlough Hill - TH1	73	99.06	0.38	0.56	0.00
	Turlough Hill - TH2	73	99.14	0.00	0.86	0.00
	Turlough Hill - TH3	73	98.47	0.70	0.83	0.00
	Turlough Hill - TH4	73	98.69	0.75	0.56	0.00
West Offaly - WO4	137	89.23	10.77	0.00	0.00	
Edenderry Power Ltd	Edenderry - ED1	118	100.00	0.00	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	99.31	0.00	0.00	0.69
	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	98.96	1.04	0.00	0.00
	Tarbert - TB2	54	100.00	0.00	0.00	0.00
	Tarbert - TB3	241	92.21	7.79	0.00	0.00
	Tarbert - TB4	243	100.00	0.00	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	98.92	1.08	0.00	0.00
Synergen	Dublin Bay - DB1	405	99.14	0.86	0.00	0.00
Tynagh Energy Ltd	Tynagh - TYC	384	3.68	16.61	79.62	0.09
Viridian	Huntstown - HN2	400	97.52	0.00	0.00	2.48
	Huntstown - HNC	342	96.40	0.00	0.00	3.60

**Table 2: Unit-by-Unit Average Monthly Availability Demand Side Units – April 2020**

Unit-by-Unit Average Monthly Availability – April 2020					
Company	Unit	Monthly Availability %	Monthly Forced %	Monthly Scheduled %	Monthly Ambient %
Activation Energy	Activation Energy 1 – AE1	24.98	66.83	8.19	0
	Activation Energy 2 – AE2	16.33	75.11	8.56	0
	Activation Energy 3 – AE3	47.69	52.3	0.01	0
	Activation Energy 4 – AE4	69.15	30.82	0.03	0
	Activation Energy 5 – AE5	54.66	44.39	0.95	0
	Enernoc 1 - EN1	43.01	56.99	0	0
	Enernoc 2 - EN2	15.44	84.56	0	0
	Enernoc 3-EN3	35.51	62.51	1.98	0
	Enernoc 4-EN4	35.41	64.58	0.01	0
	Enernoc 5-EN5	44.16	52.02	3.82	0
	Enernoc 6-EN6	56.18	34.45	9.37	0
DAE VPP	DAE VPP – DP1	58.25	0.02	41.73	0
	DAE VPP – DP2	3.46	0	96.54	0
Electricity Exchange Ltd	Electricity Exchange – EE1	52.38	0.02	47.6	0
	Electricity Exchange – EE2	29.14	0	70.86	0
	Electricity Exchange – EE3	27.99	0	72.01	0
	Electricity Exchange – EE4	20.6	0.19	79.21	0
	Electricity Exchange – EE5	66.46	0	33.54	0
Electric Ireland	Electric Ireland – EI1	48.53	0.01	51.46	0
Endeco	Endeco 1 – EC1	61.2	0.21	38.59	0
	Endeco 2 – EC2	47.67	0.06	52.27	0
	Endeco 5 – EC5	13.97	0	86.03	0
Energy Trading Ireland	Energy Trading – ET1	50.64	0.09	49.27	0
Powerhouse	Powerhouse – PG1	57.62	42.38	0	0
Viridian	Viridian Energy – VE1	32.43	0	67.57	0
	Viridian Energy – VE2	22.01	0	77.99	0

**Table 3: System Total Average Monthly Availability – April 2020**

	Monthly Availability %	Monthly Forced %	Monthly Scheduled %	Monthly Ambient %
<b>System Total Average Availability</b>	76.64	13.86	8.92	0.58

*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 – April 2019 to April 2020

Unit-by-Unit 365 Day Rolling Availability – April 2020						
Company	Unit	Capacity	Monthly Availability %	Monthly Forced %	Monthly Scheduled %	Monthly Ambient %
Aughinish Alumina Ltd	Seal Rock - SK3	85	89.20	1.69	3.28	5.83
	Seal Rock - SK4	85	88.20	1.71	6.04	4.05
Bord Gáis	Whitegate - WG1	444	91.16	2.29	4.52	2.03
Dublin Waste to Energy	DWTE - DW1	61.5	92.50	5.85	1.65	0.00
ESB Energy Ireland	Aghada - AD2	431	73.21	6.18	20.00	0.61
	Aghada - AT1	90	98.19	0.36	1.45	0.00
	Aghada - AT2	90	98.90	0.20	0.90	0.00
	Aghada - AT4	90	98.71	1.12	0.17	0.00
	Ardnacrusha - AA1	21	99.65	0.04	0.31	0.00
	Ardnacrusha - AA2	22	94.95	0.05	5.00	0.00
	Ardnacrusha - AA3	19	96.07	1.47	2.46	0.00
	Ardnacrusha - AA4	24	75.65	19.97	4.38	0.00
	Erne - ER1	10	94.45	2.97	2.58	0.00
	Erne - ER2	10	93.36	4.94	1.70	0.00
	Erne - ER3	22	97.84	0.55	1.61	0.00
	Erne - ER4	22	92.45	0.75	6.80	0.00
	Lee - LE1	15	93.52	0.82	5.66	0.00
	Lee - LE2	4	87.93	5.28	6.79	0.00
	Lee - LE3	8	96.08	0.24	3.68	0.00
	Liffey - LI1	15	96.15	3.85	0.00	0.00
	Liffey - LI2	15	90.92	9.06	0.02	0.00
	Liffey - LI4	4	93.14	6.85	0.01	0.00
	Liffey - LI5	4	99.78	0.18	0.04	0.00
	Lough Ree - LR4	91	61.42	33.58	5.00	0.00
	Moneypoint - MP1	285	71.81	28.19	0.00	0.00
	Moneypoint - MP2	285	64.32	23.92	11.76	0.00
	Moneypoint - MP3	285	34.50	65.50	0.00	0.00
	North Wall - NW5	104	40.86	0.46	58.36	0.32
	Poolbeg - PBA	231	79.13	8.04	12.83	0.00
	Poolbeg - PBB	231	84.99	10.53	4.48	0.00
	Turlough Hill - TH1	73	89.42	2.41	8.17	0.00
Turlough Hill - TH2	73	87.41	4.29	8.30	0.00	
Turlough Hill - TH3	73	90.42	1.43	8.15	0.00	
Turlough Hill - TH4	73	91.33	0.23	8.44	0.00	
West Offaly - WO4	137	79.97	15.10	4.93	0.00	
Edenderry Power Ltd	Edenderry - ED1	118	80.71	1.90	17.39	0.00
	Edenderry - ED3	58	98.79	0.00	1.21	0.00
	Edenderry - ED5	58	98.79	0.00	1.21	0.00
SSE Generation Ireland	Great Island - GI4	461	93.15	5.61	0.00	1.24
	Rhode - RP1	52	93.38	6.62	0.00	0.00
	Rhode - RP2	52	93.57	4.46	1.97	0.00
	Tarbert - TB1	54	97.59	1.22	1.19	0.00
	Tarbert - TB2	54	94.65	3.43	1.92	0.00
	Tarbert - TB3	241	78.43	19.65	1.92	0.00
	Tarbert - TB4	243	93.15	4.66	2.19	0.00
	Tawnaghmore - TP1	52	99.97	0.03	0.00	0.00
Tawnaghmore - TP3	52	99.88	0.12	0.00	0.00	
Indaver	Indaver - IW1	16	92.85	7.09	0.06	0.00
Synergen	Dublin Bay - DB1	405	96.67	1.21	1.16	0.96
Tynagh Energy Ltd	Tynagh - TYC	384	77.45	8.73	10.77	3.05
Viridian	Huntstown - HN2	400	94.94	1.65	0.17	3.24
	Huntstown - HNC	342	83.40	7.27	5.59	3.74

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

Unit-by-Unit 365 Day Rolling Availability – April 2020					
Company	Unit	Monthly Availability %	Monthly Forced %	Monthly Scheduled %	Monthly Ambient %
Activation Energy	Activation Energy 1 – AE1	24.98	66.83	8.19	0
	Activation Energy 2 – AE2	16.33	75.11	8.56	0
	Activation Energy 3 – AE3	47.69	52.3	0.01	0
	Activation Energy 4 – AE4	69.15	30.82	0.03	0
	Activation Energy 5 – AE5	54.66	44.39	0.95	0
	Enernoc 1-EN1	43.01	56.99	0	0
	Enernoc 2-EN2	15.44	84.56	0	0
	Enernoc3-EN3	35.51	62.51	1.98	0
	Enernoc 4-EN4	35.41	64.58	0.01	0
	Enernoc 5-EN5	44.16	52.02	3.82	0
	Enernoc 6-EN6	56.18	34.45	9.37	0
DAE VPP	DAE VPP – DP1	58.25	0.02	41.73	0
	DAE VPP – DP2	3.46	0	96.54	0
Electricity Exchange Ltd	Electricity Exchange – EE1	52.38	0.02	47.6	0
	Electricity Exchange – EE2	29.14	0	70.86	0
	Electricity Exchange – EE3	27.99	0	72.01	0
	Electricity Exchange – EE4	20.6	0.19	79.21	0
	Electricity Exchange – EE5	66.46	0	33.54	0
Electric Ireland	Electric Ireland – EI1	48.53	0.01	51.46	0
Endeco	Endeco 1 – EC1	61.2	0.21	38.59	0
	Endeco 2 – EC2	47.67	0.06	52.27	0
	Endeco 5 – EC5	13.97	0	86.03	0
Energy Trading Ireland	Energy Trading – ET1	50.64	0.09	49.27	0
Powerhouse	Powerhouse – PG1	57.62	42.38	0	0
Viridian	Viridian Energy – VE1	32.43	0	67.57	0
	Viridian Energy – VE2	22.01	0	77.99	0

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

	Yearly Availability %	Yearly Forced %	Yearly Scheduled %	Yearly Ambient %
<b>System Total Average Availability</b>	77.8	13.34	7.93	0.93

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