

## EirGrid Monthly Availability Report – March 2022<sup>1</sup>

### Definitions

**Availability:** The maximum generation of electricity which generators can achieve during that period.

**Forced:** Any reduction in availability not approved in advance with the EirGrid Generation Outage Planning Team (including trips, outage overruns, urgent repairs, partial outages etc.).

**Scheduled:** Scheduled generator outage approved by Eirgrid Generation Outage Planning Team.

**Ambient:** Reduction in generator availability due to ambient temperature conditions.

**Forced Outage Rate (FOR):**  $\text{Forced \%} / (100\% - \text{Scheduled \%})$

### HOW TO CONTACT US

#### General Queries

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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 – March 2022**

Unit-by-Unit Average Monthly Availability – March 2022						
Company	Unit	Capacity	Monthly Availability %	Monthly Forced %	Monthly Scheduled %	Monthly Ambient %
Aughinish Alumina Ltd	Seal Rock - SK3	83	96.7	0.0	0.0	3.4
	Seal Rock - SK4	83	90.3	7.2	0.0	2.5
Bord Gáis	Whitegate - WG1	444	90.0	10.0	0.0	0.1
Dublin Waste to Energy	DWTE - DW1	62	99.9	0.1	0.0	0.0
ESB Energy Ireland	Aghada - AD2	449	83.6	16.1	0.3	0.0
	Aghada - AT1	90	100.0	0.0	0.0	0.0
	Aghada - AT2	90	100.0	0.0	0.0	0.0
	Aghada - AT4	90	100.0	0.0	0.0	0.0
	Ardnacrusha - AA1	21	99.9	0.1	0.0	0.0
	Ardnacrusha - AA2	22	100.0	0.0	0.0	0.0
	Ardnacrusha - AA3	19	99.7	0.3	0.0	0.0
	Ardnacrusha - AA4	24	36.4	28.7	34.9	0.0
	Erne - ER1	10	99.7	0.3	0.0	0.0
	Erne - ER2	10	100.0	0.0	0.0	0.0
	Erne - ER3	23	100.0	0.0	0.0	0.0
	Erne - ER4	23	100.0	0.0	0.0	0.0
	Lee - LE1	15	99.7	0.3	0.0	0.0
	Lee - LE2	4	75.2	24.8	0.0	0.0
	Lee - LE3	8	99.8	0.2	0.0	0.0
	Liffey - LI1	15	0.0	100.0	0.0	0.0
	Liffey - LI2	15	96.5	3.5	0.0	0.0
	Liffey - LI4	4	100.0	0.0	0.0	0.0
	Liffey - LI5	4	100.0	0.0	0.0	0.0
	Moneypoint - MP1	285	84.3	15.7	0.0	0.0
	Moneypoint - MP2	285	59.2	40.8	0.0	0.0
	Moneypoint - MP3	285	82.0	18.0	0.0	0.0
	Poolbeg - PBA	232	99.8	0.2	0.0	0.0
	Poolbeg - PBB	232	100.0	0.1	0.0	0.0
	Turlough Hill - TH1	73	99.9	0.1	0.0	0.0
	Turlough Hill - TH2	73	98.4	0.0	1.7	0.0
	Turlough Hill - TH3	73	96.8	3.2	0.0	0.0
	Turlough Hill - TH4	73	99.1	0.2	0.7	0.0
Edenderry Power Ltd	Edenderry - ED1	118	74.8	25.2	0.0	0.0
	Edenderry - ED3	58	100.0	0.0	0.0	0.0
	Edenderry - ED5	58	96.9	3.1	0.0	0.0
SSE Generation Ireland	Great Island - GI4	464	1.6	98.4	0.0	0.0
	Rhode - RP1	52	100.0	0.0	0.0	0.0
	Rhode - RP2	52	99.2	0.8	0.0	0.0
	Tarbert - TB1	54	0.0	100.0	0.0	0.0
	Tarbert - TB2	54	0.0	100.0	0.0	0.0
	Tarbert - TB3	241	77.1	22.9	0.0	0.0
	Tarbert - TB4	241	0.0	100.0	0.0	0.0
	Tawnaghmore - TP1	52	100.0	0.0	0.0	0.0
Tawnaghmore - TP3	52	100.0	0.0	0.0	0.0	
Indaver	Indaver - IW1	17	63.2	0.0	36.7	0.0
Synergen	Dublin Bay - DB1	415	83.5	16.3	0.1	0.1
Tynagh Energy Ltd	Tynagh - TYC	404	96.1	0.0	0.0	3.9
Viridian	Huntstown - HN2	402	98.2	0.0	0.0	1.8
	Huntstown - HNC	342	66.2	0.0	31.9	1.9

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 – March 2022**

Unit-by-Unit Average Monthly Availability – March 2022			
Company	Unit	Capacity	Monthly Availability %
Enel X	Enel X – AE1	72	17.4
	Enel X – AE2	13	28.3
	Enel X – AE3	14	63.5
	Enel X – AE4	16	35.4
	Enel X – AE5	16	0.0
	Enel X - EN1	16	0.0
	Enel X - EN2	17	1.7
	Enel X - EN3	17	2.8
	Enel X - EN4	16	47.1
	Enel X - EN5	6	0.0
	Enel X - EN6	28	14.3
	Enel X - EN8	21	22.9
	Enel X - EN9	16	3.4
	DAE VPP	DAE VPP – DP1	11
DAE VPP – DP2		28	28.2
Electricity Exchange Ltd	Electricity Exchange – EE1	84	27.3
	Electricity Exchange – EE2	28	23.3
	Electricity Exchange – EE3	11	16.5
	Electricity Exchange – EE4	13	7.5
	Electricity Exchange – EE5	19	58.5
	Electricity Exchange – EE6	15	16.1
	Electricity Exchange – EE7	7	45.7
Electric Ireland	Electric Ireland – EI1	17	6.1
Endeco	Endeco 1 – EC1 <sup>2</sup>	58	29.3
	Endeco 2 – EC2	12	30.7
	Endeco 5 – EC5 <sup>3</sup>	23	46.3
Energy Trading Ireland	Energy Trading – ET1	5	20.0
Powerhouse	Powerhouse – PG1	11	34.3
Viridian	Viridian Energy – VE1	8	3.3

**Table 3: System Total Average Monthly Availability – March 2022**

	Monthly Availability %	Monthly Forced %	Monthly Scheduled %	Monthly Ambient %	Monthly FOR
<b>Conventional Total Average Availability</b>	76.4	21.0	2.0	0.6	21.4
<b>DSU Total Average Availability</b>	23.9	N/A	N/A	N/A	N/A

<sup>2</sup> EC1 Capacity increased from 56MW to 58MW

<sup>3</sup> EC5 Capacity increased from 22MW to 23MW

Table 4: Unit-by-Unit 365 Day Rolling Availability Conventional Units – April 2021 to March 2022

Unit-by-Unit 365 Day Rolling Availability – March 2022							
Company	Unit	Capacity	Annual Availability %	Annual Forced %	Annual Scheduled %	Annual Ambient %	
Aughinish Alumina Ltd	Seal Rock - SK3	83	86.9	0.6	6.5	5.9	
	Seal Rock - SK4	83	89.5	2.9	3.0	4.7	
Bord Gáis	Whitegate - WG1	444	31.0	66.3	2.7	0.1	
Dublin Waste to Energy	DWTE - DW1	62	88.9	11.1	0.0	0.0	
ESB Energy Ireland	Aghada - AD2	449	87.8	6.2	5.7	0.3	
	Aghada - AT1	90	93.7	1.7	4.7	0.0	
	Aghada - AT2	90	83.0	2.6	14.4	0.0	
	Aghada - AT4	90	99.9	0.1	0.0	0.0	
	Ardnacrusha - AA1	21	97.0	1.9	1.2	0.0	
	Ardnacrusha - AA2	22	92.8	1.3	5.9	0.0	
	Ardnacrusha - AA3	19	84.2	2.1	13.7	0.0	
	Ardnacrusha - AA4	24	31.5	39.7	28.8	0.0	
	Erne - ER1	10	93.0	1.9	5.1	0.0	
	Erne - ER2	10	87.0	11.5	1.4	0.0	
	Erne - ER3	23	92.3	1.5	6.3	0.0	
	Erne - ER4	23	95.5	3.2	1.3	0.0	
	Lee - LE1	15	65.7	34.3	0.1	0.0	
	Lee - LE2	4	68.4	17.6	14.1	0.0	
	Lee - LE3	8	74.8	16.4	8.9	0.0	
	Liffey - LI1	15	3.1	89.4	7.5	0.0	
	Liffey - LI2	15	23.8	68.8	7.5	0.0	
	Liffey - LI4	4	83.0	17.0	0.0	0.0	
	Liffey - LI5	4	46.1	53.8	0.0	0.0	
	Moneypoint - MP1	285	81.8	14.9	3.3	0.0	
	Moneypoint - MP2	285	53.2	46.8	0.0	0.0	
	Moneypoint - MP3	285	82.2	14.4	3.4	0.0	
	Poolbeg - PBA	232	87.6	2.9	9.4	0.1	
	Poolbeg - PBB	232	74.7	8.3	16.9	0.2	
	Turlough Hill - TH1	73	99.4	0.3	0.3	0.0	
	Turlough Hill - TH2	73	98.9	0.6	0.5	0.0	
	Turlough Hill - TH3	73	99.1	0.5	0.4	0.0	
	Turlough Hill - TH4	73	99.3	0.2	0.4	0.0	
	Edenderry Power Ltd	Edenderry - ED1	118	76.7	13.1	10.2	0.0
		Edenderry - ED3	58	98.7	1.2	0.1	0.0
		Edenderry - ED5	58	99.6	0.3	0.1	0.0
	SSE Generation Ireland	Great Island - GI4	464	86.7	9.5	2.1	1.7
Rhode - RP1		52	86.0	6.8	7.2	0.0	
Rhode - RP2		52	92.0	1.5	6.6	0.0	
Tarbert - TB1		54	39.1	52.7	8.3	0.0	
Tarbert - TB2		54	34.5	63.6	1.9	0.0	
Tarbert - TB3		241	66.3	25.8	7.9	0.0	
Tarbert - TB4		241	2.0	98.1	0.0	0.0	
Tawnaghmore - TP1		52	87.1	5.4	7.5	0.0	
Tawnaghmore - TP3	52	87.3	5.2	7.5	0.0		
Indaver	Indaver - IW1	17	89.6	7.3	3.1	0.0	
Synergen	Dublin Bay - DB1	415	67.7	12.6	19.5	0.2	
Tynagh Energy Ltd	Tynagh - TYC	404	83.1	6.3	5.8	4.8	
Viridian	Huntstown - HN2	402	42.8	52.7	3.7	0.8	
	Huntstown - HNC	342	92.9	0.3	2.8	4.1	

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**Table 5: Unit-by-Unit 365 Day Rolling Availability Demand Side Units – April 2021 to March 2022**

Unit-by-Unit 365 Day Rolling Availability – March 2022			
Company	Unit	Capacity	Annual Availability %
Enel X	Enel X – AE1	72	13.2
	Enel X – AE2	13	38.1
	Enel X – AE3	14	55.7
	Enel X – AE4	16	3.0
	Enel X – AE5	16	0.0
	Enel X - EN1	16	12.7
	Enel X - EN2	17	0.9
	Enel X - EN3	17	35.4
	Enel X - EN4	16	5.3
	Enel X - EN5	6	8.3
	Enel X - EN6	28	24.1
	Enel X - EN8	21	35.3
	Enel X - EN9	16	46.4
	DAE VPP	DAE VPP – DP1	11
DAE VPP – DP2		28	28.2
Electricity Exchange Ltd	Electricity Exchange – EE1	84	33.1
	Electricity Exchange – EE2	28	23.8
	Electricity Exchange – EE3	11	16.5
	Electricity Exchange – EE4	13	14.4
	Electricity Exchange – EE5	19	54.1
	Electricity Exchange – EE6	15	50.2
	Electricity Exchange – EE7	7	52.1
Electric Ireland	Electric Ireland – EI1	17	11.1
Endeco	Endeco 1 – EC1	58	34.7
	Endeco 2 – EC2	12	25.1
	Endeco 5 – EC5	23	39.9
Energy Trading Ireland	Energy Trading – ET1	5	14.5
Powerhouse	Powerhouse – PG1	11	27.0
Viridian	Viridian Energy – VE1	8	10.1

**Table 6: 365 Day Rolling System Total Average Availability – April 2021 to March 2022**

	Annual Availability %	Annual Forced %	Annual Scheduled %	Annual Ambient %	Annual FOR
<b>Conventional Total Average Availability</b>	72.1	21.4	5.6	0.9	22.7
<b>DSU Total Average Availability</b>	26.6	N/A	N/A	N/A	N/A