

## EirGrid Monthly Availability Report – June 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 – June 2022

Unit-by-Unit Average Monthly Availability – June 2022						
Company	Unit	Capacity	Monthly Availability %	Monthly Forced %	Monthly Scheduled %	Monthly Ambient %
Aughinish Alumina Ltd	Seal Rock - SK3	83	45.0	41.0	11.7	2.3
	Seal Rock - SK4	83	94.5	0.1	0.0	5.4
Bord Gáis	Whitegate - WG1	444	97.2	0.1	0.0	2.7
Dublin Waste to Energy	DWTE - DW1	62	35.9	46.6	17.5	0.0
ESB Energy Ireland	Aghada - AD2	449	97.0	0.0	0.0	3.1
	Aghada - AT1	90	99.3	0.7	0.0	0.0
	Aghada - AT2	90	99.3	0.7	0.0	0.0
	Aghada - AT4	90	100.0	0.0	0.0	0.0
	Ardnacrusha - AA1	21	99.8	0.2	0.0	0.0
	Ardnacrusha - AA2	22	62.0	0.0	38.0	0.0
	Ardnacrusha - AA3	19	100.0	0.0	0.0	0.0
	Ardnacrusha - AA4	24	0.0	0.0	100.0	0.0
	Erne - ER1	10	100.0	0.0	0.0	0.0
	Erne - ER2	10	100.0	0.0	0.0	0.0
	Erne - ER3	23	88.0	0.0	12.0	0.0
	Erne - ER4	23	100.0	0.0	0.0	0.0
	Lee - LE1	15	100.0	0.0	0.0	0.0
	Lee - LE2	4	68.2	31.8	0.0	0.0
	Lee - LE3	8	94.4	0.0	5.6	0.0
	Liffey - LI1	15	0.0	100.0	0.0	0.0
	Liffey - LI2	15	100.0	0.0	0.0	0.0
	Liffey - LI4	4	100.0	0.0	0.0	0.0
	Liffey - LI5	4	78.8	21.3	0.0	0.0
	Moneypoint - MP1	285	19.5	4.0	76.5	0.0
	Moneypoint - MP2	285	0.0	0.0	100.0	0.0
	Moneypoint - MP3	285	87.7	12.3	0.0	0.0
	Poolbeg - PBA	232	88.5	2.1	9.2	0.2
	Poolbeg - PBB	232	92.7	7.3	0.0	0.0
	Turlough Hill - TH1	73	0.0	10.4	89.6	0.0
	Turlough Hill - TH2	73	0.0	10.4	89.6	0.0
	Turlough Hill - TH3	73	0.0	10.4	89.6	0.0
	Turlough Hill - TH4	73	0.0	10.4	89.6	0.0
Edenderry Power Ltd	Edenderry - ED1	118	80.2	19.8	0.0	0.0
	Edenderry - ED3	58	100.0	0.0	0.0	0.0
	Edenderry - ED5	58	100.0	0.0	0.0	0.0
SSE Generation Ireland	Great Island - GI4	464	0.0	66.7	33.3	0.0
	Rhode - RP1	52	100.0	0.0	0.0	0.0
	Rhode - RP2	52	100.0	0.0	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	81.0	13.9	5.1	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	99.9	0.1	0.0	0.0
Synergen	Dublin Bay - DB1	415	87.5	12.6	0.0	0.0
Tynagh Energy Ltd	Tynagh - TYC	404	92.6	0.6	0.0	6.8
Viridian	Huntstown - HN2	402	95.7	0.0	0.0	4.3
	Huntstown - HNC	342	94.9	0.0	0.0	5.1

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 – June 2022**

Unit-by-Unit Average Monthly Availability – June 2022			
Company	Unit	Capacity	Monthly Availability %
Enel X	Enel X – AE1	71	19.9
	Enel X – AE2	13	32.7
	Enel X – AE3	14	65.5
	Enel X – AE4	16	0.0
	Enel X – AE5	16	0.0
	Enel X - EN1	16	31.3
	Enel X - EN2	17	0.0
	Enel X - EN3	17	35.6
	Enel X - EN4	16	16.1
	Enel X - EN5	6	0.0
	Enel X - EN6	28	14.3
	Enel X - EN8 <sup>2</sup>	24	57.7
	Enel X - EN9	16	64.8
Enel X - EX1	21	4.8	
DAE VPP	DAE VPP – DP1	11	16.7
	DAE VPP – DP2	28	15.9
Electricity Exchange Ltd	Electricity Exchange – EE1	84	29.7
	Electricity Exchange – EE2	28	24.7
	Electricity Exchange – EE3	11	17.3
	Electricity Exchange – EE4	13	7.7
	Electricity Exchange – EE5	19	58.6
	Electricity Exchange – EE6	15	43.5
	Electricity Exchange – EE7	7	42.5
Electric Ireland	Electric Ireland – EI1	17	50.2
Endeco	Endeco 1 – EC1	58	25.9
	Endeco 2 – EC2	12	26.1
	Endeco 5 – EC5	23	32.5
Energy Trading Ireland	Energy Trading – ET1	5	19.9
Powerhouse	Powerhouse – PG1	9	31.0
Viridian	Viridian Energy – VE1	8	2.9

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

	Monthly Availability %	Monthly Forced %	Monthly Scheduled %	Monthly Ambient %	Monthly FOR
<b>Conventional Total Average Availability</b>	67.4	15.1	16.0	1.5	18.0
<b>DSU Total Average Availability</b>	26.6	N/A	N/A	N/A	N/A

<sup>2</sup> EN8 Capacity increased from 21MW to 24MW

**Table 4: Unit-by-Unit 365 Day Rolling Availability Conventional Units – July 2021 to June 2022**

Unit-by-Unit 365 Day Rolling Availability – June 2022							
Company	Unit	Capacity	Annual Availability %	Annual Forced %	Annual Scheduled %	Annual Ambient %	
Aughinish Alumina Ltd	Seal Rock - SK3	83	88.5	3.5	1.9	6.1	
	Seal Rock - SK4	83	90.4	2.8	2.0	4.8	
Bord Gáis	Whitegate - WG1	444	55.5	41.3	2.7	0.5	
Dublin Waste to Energy	DWTE - DW1	62	89.5	9.0	1.4	0.0	
ESB Energy Ireland	Aghada - AD2	449	90.9	6.3	2.0	0.8	
	Aghada - AT1	90	91.7	3.6	4.7	0.0	
	Aghada - AT2	90	82.2	4.1	13.7	0.0	
	Aghada - AT4	90	99.9	0.1	0.0	0.0	
	Ardnacrusha - AA1	21	94.0	3.7	2.4	0.0	
	Ardnacrusha - AA2	22	95.8	1.0	3.2	0.0	
	Ardnacrusha - AA3	19	85.3	0.9	13.7	0.0	
	Ardnacrusha - AA4	24	31.5	28.8	39.7	0.0	
	Erne - ER1	10	97.0	0.7	2.3	0.0	
	Erne - ER2	10	85.9	11.4	2.7	0.0	
	Erne - ER3	23	95.8	1.5	2.7	0.0	
	Erne - ER4	23	95.5	3.2	1.3	0.0	
	Lee - LE1	15	83.5	12.5	4.0	0.0	
	Lee - LE2	4	72.5	27.1	0.4	0.0	
	Lee - LE3	8	75.5	17.3	7.2	0.0	
	Liffey - LI1	15	0.0	100.0	0.0	0.0	
	Liffey - LI2	15	45.6	54.4	0.0	0.0	
	Liffey - LI4	4	83.0	17.0	0.0	0.0	
	Liffey - LI5	4	56.6	43.4	0.0	0.0	
	Moneypoint - MP1	285	72.8	17.7	9.6	0.0	
	Moneypoint - MP2	285	41.8	33.9	24.4	0.0	
	Moneypoint - MP3	285	76.6	20.1	3.3	0.0	
	Poolbeg - PBA	232	85.8	3.1	11.0	0.1	
	Poolbeg - PBB	232	74.4	9.3	16.1	0.2	
	Turlough Hill - TH1	73	85.5	1.3	13.2	0.0	
	Turlough Hill - TH2	73	84.9	1.6	13.5	0.0	
	Turlough Hill - TH3	73	85.0	1.4	13.6	0.0	
	Turlough Hill - TH4	73	85.2	1.2	13.6	0.0	
	Edenderry Power Ltd	Edenderry - ED1	118	72.4	15.8	11.8	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	62.7	31.5	4.3	1.5
Rhode - RP1		52	94.3	5.7	0.0	0.0	
Rhode - RP2		52	98.6	1.4	0.0	0.0	
Tarbert - TB1		54	22.7	77.3	0.0	0.0	
Tarbert - TB2		54	17.8	82.2	0.0	0.0	
Tarbert - TB3		241	66.7	25.6	7.7	0.0	
Tarbert - TB4		241	0.3	99.7	0.0	0.0	
Tawnaghmore - TP1		52	97.9	2.1	0.0	0.0	
Tawnaghmore - TP3	52	99.5	0.5	0.0	0.0		
Indaver	Indaver - IW1	17	86.7	7.2	6.1	0.0	
Synergen	Dublin Bay - DB1	415	78.7	19.6	1.5	0.2	
Tynagh Energy Ltd	Tynagh - TYC	404	90.4	4.1	0.0	5.5	
Viridian	Huntstown - HN2	402	66.7	31.4	0.3	1.6	
	Huntstown - HNC	342	92.9	0.4	2.8	3.9	

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

Unit-by-Unit 365 Day Rolling Availability – June 2022			
Company	Unit	Capacity	Annual Availability %
Enel X	Enel X – AE1	71	14.4
	Enel X – AE2	13	37.0
	Enel X – AE3	14	57.1
	Enel X – AE4	16	3.9
	Enel X – AE5	16	0.0
	Enel X - EN1	16	8.6
	Enel X - EN2	17	0.9
	Enel X - EN3	17	32.1
	Enel X - EN4	16	8.2
	Enel X - EN5	6	4.4
	Enel X - EN6	28	20.4
	Enel X - EN8	24	37.2
	Enel X - EN9	16	47.9
	Enel X - EX1	21	4.8
DAE VPP	DAE VPP – DP1	11	37.1
	DAE VPP – DP2	28	25.5
Electricity Exchange Ltd	Electricity Exchange – EE1	84	30.5
	Electricity Exchange – EE2	28	23.5
	Electricity Exchange – EE3	11	16.7
	Electricity Exchange – EE4	13	11.9
	Electricity Exchange – EE5	19	52.6
	Electricity Exchange – EE6	15	44.6
	Electricity Exchange – EE7	7	50.8
Electric Ireland	Electric Ireland – EI1	17	21.2
Endeco	Endeco 1 – EC1	58	32.2
	Endeco 2 – EC2	12	26.6
	Endeco 5 – EC5	23	38.2
Energy Trading Ireland	Energy Trading – ET1	5	19.5
Powerhouse	Powerhouse – PG1	9	29.9
Viridian	Viridian Energy – VE1	8	5.3

**Table 6: 365 Day Rolling System Total Average Availability – July 2021 to June 2022**

	Annual Availability %	Annual Forced %	Annual Scheduled %	Annual Ambient %	Annual FOR
<b>Conventional Total Average Availability</b>	73.1	20.5	5.3	1.0	21.7
<b>DSU Total Average Availability</b>	25.2	N/A	N/A	N/A	N/A

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