

## EirGrid Monthly Availability Report – October 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 – October 2022

Unit-by-Unit Average Monthly Availability – October 2022						
Company	Unit	Capacity	Monthly Availability %	Monthly Forced %	Monthly Scheduled %	Monthly Ambient %
Aughinish Alumina Ltd	Seal Rock - SK3	83	93.2	0.8	0.0	5.9
	Seal Rock - SK4	83	52.0	45.4	0.0	2.6
Bord Gáis	Whitegate - WG1	444	57.8	1.1	38.7	2.4
Dublin Waste to Energy	DWTE - DW1	62	82.1	17.9	0.0	0.0
ESB Energy Ireland	Aghada - AD2	449	5.4	93.7	0.7	0.1
	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	99.4	0.7	0.0	0.0
	Ardnacrusha - AA2	22	100.0	0.0	0.0	0.0
	Ardnacrusha - AA3	19	98.5	1.5	0.0	0.0
	Ardnacrusha - AA4	24	0.0	0.0	100.0	0.0
	Erne - ER1	10	92.7	7.3	0.0	0.0
	Erne - ER2	10	99.6	0.4	0.0	0.0
	Erne - ER3	23	99.8	0.2	0.0	0.0
	Erne - ER4	23	99.8	0.2	0.0	0.0
	Lee - LE1	15	100.0	0.0	0.0	0.0
	Lee - LE2	4	100.0	0.0	0.0	0.0
	Lee - LE3	8	100.0	0.0	0.0	0.0
	Liffey - LI1	15	100.0	0.0	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	100.0	0.0	0.0	0.0
	Moneypoint - MP1	285	88.3	11.7	0.0	0.0
	Moneypoint - MP2	285	41.0	59.0	0.0	0.0
	Moneypoint - MP3	285	55.2	12.2	32.6	0.0
	Poolbeg - PBA	232	83.7	0.0	16.3	0.0
	Poolbeg - PBB	232	93.4	6.6	0.0	0.0
	Turlough Hill - TH1	73	99.6	0.4	0.0	0.0
	Turlough Hill - TH2	73	94.2	5.8	0.0	0.0
	Turlough Hill - TH3	73	99.0	1.0	0.0	0.0
	Turlough Hill - TH4	73	99.6	0.4	0.0	0.0
Edenderry Power Ltd	Edenderry - ED1	118	75.9	24.1	0.0	0.0
	Edenderry - ED3	58	98.4	0.0	1.7	0.0
	Edenderry - ED5	58	98.4	0.0	1.7	0.0
SSE Generation Ireland	Great Island - GI4	464	95.2	1.4	0.0	3.3
	Rhode - RP1	52	67.0	24.3	8.7	0.0
	Rhode - RP2	52	79.5	11.8	8.7	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	25.5	74.5	0.0	0.0
	Tarbert - TB4	241	0.0	100.0	0.0	0.0
	Tawnaghmore - TP1	52	99.7	0.3	0.0	0.0
Tawnaghmore - TP3	52	33.5	66.6	0.0	0.0	
Indaver	Indaver - IW1	17	98.9	1.1	0.0	0.0
Synergen	Dublin Bay - DB1	415	87.8	9.4	0.1	2.7
Tynagh Energy Ltd	Tynagh - TYC	404	68.0	0.9	26.4	4.7
Viridian	Huntstown - HN2	402	96.2	0.0	0.0	3.8
	Huntstown - HNC	342	59.5	37.2	0.0	3.3

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 – October 2022**

Unit-by-Unit Average Monthly Availability – October 2022			
Company	Unit	Capacity	Monthly Availability %
Enel X	Enel X – AE1	87	14.3
	Enel X – AE2	13	31.1
	Enel X – AE3	14	49.4
	Enel X – AE4	16	13.4
	Enel X – AE5	16	0.0
	Enel X - EN1	16	12.2
	Enel X - EN2	17	13.6
	Enel X - EN3	17	21.7
	Enel X - EN4	16	23.8
	Enel X - EN5	6	10.7
	Enel X - EN6	11	46.2
	Enel X - EN8	24	36.5
	Enel X - EN9	16	37.7
	Enel X - EX1	21	4.8
DAE VPP	DAE VPP – DP1 <sup>2</sup>	13	19.0
	DAE VPP – DP2 <sup>3</sup>	30	21.4
Electricity Exchange Ltd	Electricity Exchange – EE1	65	24.0
	Electricity Exchange – EE2	30	21.8
	Electricity Exchange – EE3	11	9.6
	Electricity Exchange – EE4	13	7.5
	Electricity Exchange – EE5	17	54.8
	Electricity Exchange – EE6	14	48.0
	Electricity Exchange – EE7	7	42.6
	Electricity Exchange – EE8	12	8.3
	Electricity Exchange – EE9	12	31.7
Electric Ireland	Electric Ireland – EI1	17	51.2
Endeco	Endeco 1 – EC1	52	23.9
	Endeco 2 – EC2	12	42.5
	Endeco 3 – EC3	5	43.2
	Endeco 4 - EC4	5	57.3
	Endeco 5 – EC5	21	27.0
Energy Trading Ireland	Energy Trading – ET1	5	19.8
Powerhouse	Powerhouse – PG1	10	24.3

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

	Monthly Availability %	Monthly Forced %	Monthly Scheduled %	Monthly Ambient %	Monthly FOR
<b>Conventional Total Average Availability</b>	67.3	24.2	7.1	1.4	26.0
<b>DSU Total Average Availability</b>	24.3	N/A	N/A	N/A	N/A

<sup>2</sup> DP1 Capacity increased from 11MW to 13MW

<sup>3</sup> DP2 Capacity increased from 28MW to 30MW

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

Unit-by-Unit 365 Day Rolling Availability – October 2022						
Company	Unit	Capacity	Annual Availability %	Annual Forced %	Annual Scheduled %	Annual Ambient %
Aughinish Alumina Ltd	Seal Rock - SK3	83	89.7	3.5	1.6	5.2
	Seal Rock - SK4	83	89.1	4.8	2.0	4.1
Bord Gáis	Whitegate - WG1	444	83.5	8.8	6.0	1.8
Dublin Waste to Energy	DWTE - DW1	62	89.1	9.5	1.4	0.0
ESB Energy Ireland	Aghada - AD2	449	73.9	15.1	9.8	1.3
	Aghada - AT1	90	96.2	3.2	0.3	0.3
	Aghada - AT2	90	96.1	3.4	0.0	0.5
	Aghada - AT4	90	98.8	0.7	0.0	0.5
	Ardnacrusha - AA1	21	96.8	2.0	1.2	0.0
	Ardnacrusha - AA2	22	95.9	0.9	3.2	0.0
	Ardnacrusha - AA3	19	96.9	1.9	1.2	0.0
	Ardnacrusha - AA4	24	21.2	5.9	72.9	0.0
	Erne - ER1	10	96.4	2.4	1.2	0.0
	Erne - ER2	10	87.6	11.1	1.2	0.0
	Erne - ER3	23	98.1	0.4	1.6	0.0
	Erne - ER4	23	98.1	0.7	1.2	0.0
	Lee - LE1	15	95.8	0.2	4.0	0.0
	Lee - LE2	4	78.5	21.5	0.0	0.0
	Lee - LE3	8	96.1	1.1	2.8	0.0
	Liffey - LI1	15	19.0	81.0	0.0	0.0
	Liffey - LI2	15	79.3	20.7	0.0	0.0
	Liffey - LI4	4	95.8	4.2	0.0	0.0
	Liffey - LI5	4	65.9	34.1	0.0	0.0
	Moneypoint - MP1	285	78.8	14.9	6.3	0.0
	Moneypoint - MP2	285	28.2	29.4	42.4	0.0
	Moneypoint - MP3	285	76.0	21.2	2.8	0.0
	Poolbeg - PBA	232	95.4	1.4	3.1	0.1
	Poolbeg - PBB	232	87.0	5.6	7.5	0.0
	Turlough Hill - TH1	73	84.2	2.7	13.1	0.0
	Turlough Hill - TH2	73	79.7	6.9	13.4	0.0
	Turlough Hill - TH3	73	78.2	8.3	13.5	0.0
	Turlough Hill - TH4	73	80.8	5.8	13.5	0.0
Edenderry Power Ltd	Edenderry - ED1	118	71.0	18.4	10.6	0.0
	Edenderry - ED3	58	98.1	1.8	0.1	0.0
	Edenderry - ED5	58	99.3	0.6	0.1	0.0
SSE Generation Ireland	Great Island - GI4	464	49.6	35.3	14.2	0.9
	Rhode - RP1	52	91.6	5.6	2.8	0.0
	Rhode - RP2	52	95.1	2.0	2.8	0.1
	Tarbert - TB1	54	0.5	99.5	0.0	0.0
	Tarbert - TB2	54	0.0	100.0	0.0	0.0
	Tarbert - TB3	241	61.5	38.0	0.5	0.0
	Tarbert - TB4	241	0.0	100.0	0.0	0.0
	Tawnaghmore - TP1	52	97.4	0.6	2.0	0.0
Tawnaghmore - TP3	52	94.0	6.0	0.0	0.0	
Indaver	Indaver - IW1	17	91.6	2.2	6.1	0.0
Synergen	Dublin Bay - DB1	415	72.2	21.1	6.1	0.5
Tynagh Energy Ltd	Tynagh - TYC	404	88.2	3.7	2.7	5.4
Viridian	Huntstown - HN2	402	96.1	0.9	0.1	2.9
	Huntstown - HNC	342	90.2	3.3	2.8	3.7

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

Unit-by-Unit 365 Day Rolling Availability – October 2022			
Company	Unit	Capacity	Annual Availability %
Enel X	Enel X – AE1	87	14.5
	Enel X – AE2	13	32.7
	Enel X – AE3	14	47.1
	Enel X – AE4	16	5.4
	Enel X – AE5	16	0.0
	Enel X - EN1	16	8.7
	Enel X - EN2	17	4.9
	Enel X - EN3	17	24.2
	Enel X - EN4	16	17.0
	Enel X - EN5	6	0.9
	Enel X - EN6	11	17.2
	Enel X - EN8	24	30.2
	Enel X - EN9	16	39.0
	Enel X - EX1	21	4.8
DAE VPP	DAE VPP – DP1	13	37.8
	DAE VPP – DP2	30	25.7
Electricity Exchange Ltd	Electricity Exchange – EE1	65	27.1
	Electricity Exchange – EE2	30	21.0
	Electricity Exchange – EE3	11	15.4
	Electricity Exchange – EE4	13	7.9
	Electricity Exchange – EE5	17	54.3
	Electricity Exchange – EE6	14	40.4
	Electricity Exchange – EE7	7	43.1
	Electricity Exchange – EE8	12	6.9
	Electricity Exchange – EE9	12	23.7
Electric Ireland	Electric Ireland – EI1	17	30.4
Endeco	Endeco 1 – EC1	52	27.5
	Endeco 2 – EC2	12	27.9
	Endeco 3 – EC3	5	37.5
	Endeco 4 - EC4	5	48.1
	Endeco 5 – EC5	21	31.6
Energy Trading Ireland	Energy Trading – ET1	5	20.0
Powerhouse	Powerhouse – PG1	10	28.3

**Table 6: 365 Day Rolling System Total Average Availability – November 2021 to October 2022**

	Annual Availability %	Annual Forced %	Annual Scheduled %	Annual Ambient %	Annual FOR
<b>Conventional Total Average Availability</b>	74.1	17.8	6.9	1.2	19.1
<b>DSU Total Average Availability</b>	23.1	N/A	N/A	N/A	N/A