

## EirGrid Monthly Availability Report – July 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

Email: [info@eirgrid.com](mailto:info@eirgrid.com)

Email: [OutagePlanning@eirgrid.com](mailto:OutagePlanning@eirgrid.com)

[www.eirgridgroup.com](http://www.eirgridgroup.com)

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

**Table 1: Unit-by-Unit Average Monthly Availability Conventional Units – July 2022**

Unit-by-Unit Average Monthly Availability – July 2022							
Company	Unit	Capacity	Monthly Availability %	Monthly Forced %	Monthly Scheduled %	Monthly Ambient %	
Aughinish Alumina Ltd	Seal Rock - SK3	83	94.3	0.0	0.0	5.7	
	Seal Rock - SK4	83	93.3	0.0	0.0	6.7	
Bord Gáis	Whitegate - WG1	444	86.4	10.2	0.0	3.4	
Dublin Waste to Energy	DWTE - DW1	62	95.0	5.0	0.0	0.0	
ESB Energy Ireland	Aghada - AD2	449	96.0	0.0	0.0	4.1	
	Aghada - AT1	90	91.9	6.3	0.0	1.8	
	Aghada - AT2	90	96.3	0.2	0.0	3.5	
	Aghada - AT4	90	95.9	0.6	0.0	3.5	
	Ardnacrusha - AA1	21	100.0	0.0	0.0	0.0	
	Ardnacrusha - AA2	22	100.0	0.0	0.0	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	98.2	0.0	1.8	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	100.0	0.0	0.0	0.0	
	Lee - LE3	8	100.0	0.0	0.0	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	0.0	100.0	0.0	0.0	
	Moneypoint - MP1	285	94.9	5.1	0.0	0.0	
	Moneypoint - MP2	285	0.0	0.0	100.0	0.0	
	Moneypoint - MP3	285	92.2	7.8	0.0	0.0	
	Poolbeg - PBA	232	97.7	0.8	1.5	0.0	
	Poolbeg - PBB	232	95.6	2.4	2.0	0.0	
	Turlough Hill - TH1	73	84.3	15.8	0.0	0.0	
	Turlough Hill - TH2	73	51.4	48.6	0.0	0.0	
	Turlough Hill - TH3	73	20.1	79.9	0.0	0.0	
	Turlough Hill - TH4	73	65.7	34.3	0.0	0.0	
	Edenderry Power Ltd	Edenderry - ED1	118	16.8	7.4	75.8	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	0.0	100.0	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	8.1	90.9	1.1	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	22.7	77.3	0.0	0.0	
Tynagh Energy Ltd	Tynagh - TYC	404	89.8	1.7	0.0	8.6	
Viridian	Huntstown - HN2	402	91.5	4.0	0.0	4.6	
	Huntstown - HNC	342	94.3	0.0	0.0	5.7	

**Table 2: Unit-by-Unit Average Monthly Availability Demand Side Units – July 2022**

Unit-by-Unit Average Monthly Availability – July 2022			
Company	Unit	Capacity	Monthly Availability %
Enel X	Enel X – AE1	71	9.9
	Enel X – AE2	13	20.5
	Enel X – AE3	14	36.0
	Enel X – AE4	16	0.8
	Enel X – AE5	16	0.0
	Enel X - EN1	16	11.3
	Enel X - EN2	17	0.0
	Enel X - EN3	17	2.0
	Enel X - EN4	16	25.5
	Enel X - EN5	6	0.0
	Enel X - EN6	28	7.2
	Enel X - EN8	24	25.3
	Enel X - EN9	16	38.8
Enel X - EX1	21	4.8	
DAE VPP	DAE VPP – DP1	11	47.6
	DAE VPP – DP2	28	30.7
Electricity Exchange Ltd	Electricity Exchange – EE1 <sup>2</sup>	85	27.7
	Electricity Exchange – EE2 <sup>3</sup>	30	20.8
	Electricity Exchange – EE3	11	14.1
	Electricity Exchange – EE4	13	7.6
	Electricity Exchange – EE5 <sup>4</sup>	17	41.7
	Electricity Exchange – EE6 <sup>5</sup>	14	42.8
	Electricity Exchange – EE7	7	35.6
Electric Ireland	Electric Ireland – EI1	17	27.1
Endeco	Endeco 1 – EC1	58	23.1
	Endeco 2 – EC2	12	20.8
	Endeco 5 – EC5	23	24.9
Energy Trading Ireland	Energy Trading – ET1	5	20.0
Powerhouse	Powerhouse – PG1	9	23.9
Viridian	Viridian Energy – VE1	8	2.3

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

	Monthly Availability %	Monthly Forced %	Monthly Scheduled %	Monthly Ambient %	Monthly FOR
<b>Conventional Total Average Availability</b>	65.6	18.6	13.9	2.0	21.6
<b>DSU Total Average Availability</b>	20.0	N/A	N/A	N/A	N/A

<sup>2</sup> EE1 Capacity increased from 84MW to 85MW

<sup>3</sup> EE2 Capacity increased from 28MW to 30MW

<sup>4</sup> EE5 Capacity decreased from 19MW to 17MW

<sup>5</sup> EE6 Capacity decreased from 15MW to 14MW

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

Unit-by-Unit 365 Day Rolling Availability – July 2022							
Company	Unit	Capacity	Annual Availability %	Annual Forced %	Annual Scheduled %	Annual Ambient %	
Aughinish Alumina Ltd	Seal Rock - SK3	83	89.1	3.4	1.6	5.8	
	Seal Rock - SK4	83	92.2	2.4	0.7	4.7	
Bord Gáis	Whitegate - WG1	444	62.9	33.6	2.7	0.8	
Dublin Waste to Energy	DWTE - DW1	62	91.0	7.5	1.4	0.0	
ESB Energy Ireland	Aghada - AD2	449	90.7	6.3	1.9	1.0	
	Aghada - AT1	90	92.0	3.2	4.7	0.2	
	Aghada - AT2	90	82.8	3.2	13.7	0.3	
	Aghada - AT4	90	99.6	0.1	0.0	0.3	
	Ardnacrusha - AA1	21	95.2	3.6	1.2	0.0	
	Ardnacrusha - AA2	22	95.9	0.9	3.2	0.0	
	Ardnacrusha - AA3	19	85.3	0.9	13.7	0.0	
	Ardnacrusha - AA4	24	31.5	20.3	48.1	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	98.0	0.4	1.6	0.0	
	Erne - ER4	23	97.4	1.4	1.3	0.0	
	Lee - LE1	15	92.0	4.0	4.0	0.0	
	Lee - LE2	4	77.9	21.7	0.4	0.0	
	Lee - LE3	8	84.0	13.1	2.8	0.0	
	Liffey - LI1	15	0.0	100.0	0.0	0.0	
	Liffey - LI2	15	54.1	45.9	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	72.5	17.9	9.6	0.0	
	Moneypoint - MP2	285	36.7	30.4	32.9	0.0	
	Moneypoint - MP3	285	81.3	18.7	0.0	0.0	
	Poolbeg - PBA	232	85.6	3.1	11.1	0.1	
	Poolbeg - PBB	232	74.3	9.3	16.3	0.2	
	Turlough Hill - TH1	73	84.2	2.6	13.2	0.0	
	Turlough Hill - TH2	73	81.0	5.6	13.5	0.0	
	Turlough Hill - TH3	73	78.3	8.2	13.5	0.0	
	Turlough Hill - TH4	73	82.4	4.0	13.6	0.0	
	Edenderry Power Ltd	Edenderry - ED1	118	73.7	16.4	9.9	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	54.6	31.5	12.8	1.1
Rhode - RP1		52	99.0	1.0	0.0	0.0	
Rhode - RP2		52	99.7	0.4	0.0	0.0	
Tarbert - TB1		54	15.5	84.5	0.0	0.0	
Tarbert - TB2		54	10.5	89.5	0.0	0.0	
Tarbert - TB3		241	63.8	28.5	7.8	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	99.6	0.4	0.0	0.0		
Indaver	Indaver - IW1	17	86.9	7.0	6.1	0.0	
Synergen	Dublin Bay - DB1	415	80.5	17.9	1.5	0.2	
Tynagh Energy Ltd	Tynagh - TYC	404	90.3	4.2	0.0	5.5	
Viridian	Huntstown - HN2	402	74.5	23.3	0.3	2.0	
	Huntstown - HNC	342	93.3	0.1	2.8	3.8	

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

Unit-by-Unit 365 Day Rolling Availability – July 2022			
Company	Unit	Capacity	Annual Availability %
Enel X	Enel X – AE1	71	13.6
	Enel X – AE2	13	35.6
	Enel X – AE3	14	54.9
	Enel X – AE4	16	4.0
	Enel X – AE5	16	0.0
	Enel X - EN1	16	6.9
	Enel X - EN2	17	0.9
	Enel X - EN3	17	27.0
	Enel X - EN4	16	10.4
	Enel X - EN5	6	3.0
	Enel X - EN6	28	18.2
	Enel X - EN8	24	34.5
	Enel X - EN9	16	47.3
DAE VPP	DAE VPP – DP1	11	39.2
	DAE VPP – DP2	28	25.9
Electricity Exchange Ltd	Electricity Exchange – EE1	85	29.8
	Electricity Exchange – EE2	30	22.5
	Electricity Exchange – EE3	11	16.5
	Electricity Exchange – EE4	13	10.8
	Electricity Exchange – EE5	17	52.2
	Electricity Exchange – EE6	14	42.9
	Electricity Exchange – EE7	7	48.7
Electric Ireland	Electric Ireland – EI1	17	23.0
Endeco	Endeco 1 – EC1	58	30.7
	Endeco 2 – EC2	12	27.1
	Endeco 5 – EC5	23	36.4
Energy Trading Ireland	Energy Trading – ET1	5	20.0
Powerhouse	Powerhouse – PG1	9	29.4
Viridian	Viridian Energy – VE1	8	4.2

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

	Annual Availability %	Annual Forced %	Annual Scheduled %	Annual Ambient %	Annual FOR
<b>Convventional Total Average Availability</b>	73.4	19.4	6.2	1.1	20.6
<b>DSU Total Average Availability</b>	24.2	N/A	N/A	N/A	N/A

*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.*