

# EirGrid Monthly Availability Report

July 2023

## Definitions

**Availability:** The maximum generation of electricity which generators can achieve during that period<sup>1</sup>

**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 – July 2023**

Unit-by-Unit Average Monthly Availability – July 2023						
Company	Unit	Capacity	Monthly Availability %	Monthly Forced %	Monthly Scheduled %	Monthly Ambient %
Aughinish Alumina Ltd	Seal Rock - SK3	83	41.8	20.8	34.7	2.8
	Seal Rock - SK4	83	95.2	0.0	0.0	4.8
Bord Gáis	Whitegate - WG1	444	94.8	1.3	0.0	3.9
Dublin Waste to Energy	DWTE - DW1	62	55.5	44.5	0.0	0.0
ESB Energy Ireland	Aghada - AD2	449	63.2	34.1	0.1	2.6
	Aghada - AT1	90	95.0	0.0	5.0	0.0
	Aghada - AT2	90	92.0	0.0	7.9	0.1
	Aghada - AT4	90	82.7	0.7	16.7	0.0
	Ardnacrusha - AA1	21	99.9	0.1	0.0	0.0
	Ardnacrusha - AA2	22	99.9	0.1	0.0	0.0
	Ardnacrusha - AA3	19	0.0	100.0	0.0	0.0
	Ardnacrusha - AA4	24	16.7	83.3	0.0	0.0
	Erne - ER1	10	100.0	0.0	0.0	0.0
	Erne - ER2	10	46.3	32.0	21.8	0.0
	Erne - ER3	23	100.0	0.0	0.0	0.0
	Erne - ER4	23	47.8	52.2	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	97.8	2.2	0.0	0.0
	Liffey - LI1	15	0.0	10.6	89.4	0.0
	Liffey - LI2	15	0.0	10.6	89.4	0.0
	Liffey - LI4	4	0.0	10.6	89.4	0.0
	Liffey - LI5	4	100.0	0.0	0.0	0.0
	Moneypoint - MP1	285	76.5	23.5	0.0	0.0
	Moneypoint - MP2	285	0.0	100.0	0.0	0.0
	Moneypoint - MP3	285	65.4	34.6	0.0	0.0
	Poolbeg - PBA	232	99.9	0.1	0.0	0.0
	Poolbeg - PBB	232	95.7	4.4	0.0	0.0
Turlough Hill - TH1	73	100.0	0.0	0.0	0.0	
Turlough Hill - TH2	73	78.6	21.4	0.0	0.0	
Turlough Hill - TH3	73	99.3	0.0	0.7	0.0	
Turlough Hill - TH4	73	98.7	1.3	0.0	0.0	
Edenderry Power Ltd	Edenderry - ED1	118	0.0	0.0	100.0	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	90.6	5.2	0.0	4.2
	Rhode - RP1	52	78.8	0.0	21.2	0.0
	Rhode - RP2	52	78.8	0.0	21.2	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	0.0	100.0	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	100.0	0.0	0.0	0.0
Synergen	Dublin Bay - DB1	415	59.2	7.6	30.8	2.4
Tynagh Energy Ltd	Tynagh - TYC	404	90.9	0.0	0.0	9.1
Viridian	Huntstown - HN2	402	93.6	0.3	0.0	6.1
	Huntstown - HNC	342	93.1	0.0	0.0	6.9

**Table 2: Unit-by-Unit Average Monthly Availability Demand Side Units – July 2023**

<b>Unit-by-Unit Average Monthly Availability – July 2023</b>			
<b>Company</b>	<b>Unit</b>	<b>Capacity</b>	<b>Monthly Availability %</b>
Enel X	Enel X – AE1	87	12.3
	Enel X – AE2	13	41.9
	Enel X – AE3	14	31.6
	Enel X – AE4	16	14.3
	Enel X – AE5	16	0.0
	Enel X - EN1	16	11.8
	Enel X - EN2	17	1.6
	Enel X - EN3	17	20.8
	Enel X - EN4	16	23.1
	Enel X - EN5	6	0.0
	Enel X - EN6	11	16.2
	Enel X - EN8	24	46.5
	Enel X - EN9	16	56.7
	Enel X - EX1	21	4.8
DAE VPP	DAE VPP – DP1	5	72.5
	DAE VPP – DP2	30	19.4
	DAE VPP – DP3	9	13.2
Electricity Exchange Ltd	Electricity Exchange – EE1 <sup>2</sup>	66	23.9
	Electricity Exchange – EE2	30	18.6
	Electricity Exchange – EE3	11	9.1
	Electricity Exchange – EE4	13	7.6
	Electricity Exchange – EE5	17	55.3
	Electricity Exchange – EE6	14	39.4
	Electricity Exchange – EE7 <sup>3</sup>	8	30.8
	Electricity Exchange – EE8	12	55.0
	Electricity Exchange – EE9	11	39.7
Electric Ireland	Electric Ireland – EI1	14	67.0
Endeco	Endeco 1 – EC1	52	26.2
	Endeco 2 – EC2	13	33.1
	Endeco 3 – EC3	5	46.4
	Endeco 4 - EC4	5	46.1
	Endeco 5 – EC5	21	20.2
Energy Trading Ireland	Energy Trading – ET1	5	0.0
Powerhouse	Powerhouse – PG1	10	30.4

**Table 3: System Total Average Monthly Availability – July 2023**

	<b>Monthly Availability %</b>	<b>Monthly Forced %</b>	<b>Monthly Scheduled %</b>	<b>Monthly Ambient %</b>	<b>Monthly FOR</b>
<b>Conventional Total Average Availability</b>	69.9	22.0	5.7	2.4	23.3
<b>DSU Total Average Availability</b>	24.6	N/A	N/A	N/A	N/A

<sup>2</sup> EE1 Capacity decreased from 67 MW to 66 MW.

<sup>3</sup> EE7 Capacity increased from 7 MW to 8 MW.

**Table 4: Unit-by-Unit 365 Day Rolling Availability Conventional Units – August 2022 to July 2023**

Unit-by-Unit 365 Day Rolling Availability – July 2023							
Company	Unit	Capacity	Annual Availability %	Annual Forced %	Annual Scheduled %	Annual Ambient %	
Aughinish Alumina Ltd	Seal Rock - SK3	83	83.0	5.2	7.7	4.2	
	Seal Rock - SK4	83	80.3	5.4	11.3	2.9	
Bord Gáis	Whitegate - WG1	444	93.6	0.8	3.3	2.3	
Dublin Waste to Energy	DWTE - DW1	62	85.1	14.9	0.0	0.0	
ESB Energy Ireland	Aghada - AD2	449	73.1	14.9	10.2	1.8	
	Aghada - AT1	90	98.0	1.5	0.4	0.1	
	Aghada - AT2	90	96.0	2.4	1.3	0.3	
	Aghada - AT4	90	96.9	1.4	1.5	0.2	
	Ardnacrusha - AA1	21	97.4	2.5	0.1	0.0	
	Ardnacrusha - AA2	22	98.0	1.9	0.1	0.0	
	Ardnacrusha - AA3	19	78.7	19.7	1.6	0.0	
	Ardnacrusha - AA4	24	2.2	58.7	39.1	0.0	
	Erne - ER1	10	98.1	1.9	0.1	0.0	
	Erne - ER2	10	86.4	4.7	9.0	0.0	
	Erne - ER3	23	98.8	0.1	1.2	0.0	
	Erne - ER4	23	90.8	5.5	3.8	0.0	
	Lee - LE1	15	94.3	2.0	3.7	0.0	
	Lee - LE2	4	92.0	4.9	3.1	0.0	
	Lee - LE3	8	96.1	0.9	3.0	0.0	
	Liffey - LI1	15	77.2	8.4	14.4	0.0	
	Liffey - LI2	15	83.4	2.0	14.6	0.0	
	Liffey - LI4	4	84.5	1.0	14.6	0.0	
	Liffey - LI5	4	83.9	16.2	0.0	0.0	
	Moneypoint - MP1	285	74.9	20.7	4.4	0.0	
	Moneypoint - MP2	285	32.7	57.4	9.9	0.0	
	Moneypoint - MP3	285	72.2	23.4	4.4	0.0	
	Poolbeg - PBA	232	95.0	3.6	1.4	0.1	
	Poolbeg - PBB	232	94.3	4.6	1.1	0.0	
	Turlough Hill - TH1	73	94.4	0.6	5.1	0.0	
	Turlough Hill - TH2	73	91.0	4.0	5.1	0.0	
	Turlough Hill - TH3	73	92.2	3.8	4.0	0.0	
	Turlough Hill - TH4	73	92.5	3.6	4.0	0.0	
	Edenderry Power Ltd	Edenderry - ED1	118	65.8	23.1	11.2	0.0
		Edenderry - ED3	58	99.2	0.7	0.1	0.0
		Edenderry - ED5	58	99.5	0.4	0.1	0.0
	SSE Generation Ireland	Great Island - GI4	464	85.1	9.4	3.6	1.9
Rhode - RP1		52	90.1	5.3	4.7	0.0	
Rhode - RP2		52	93.4	1.9	4.7	0.1	
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	22.7	77.3	0.0	0.0	
Tarbert - TB4		241	0.0	100.0	0.0	0.0	
Tawnaghmore - TP1		52	96.6	1.4	2.0	0.0	
Tawnaghmore - TP3	52	88.4	11.6	0.0	0.0		
Indaver	Indaver - IW1	17	94.8	1.6	3.7	0.0	
Synergen	Dublin Bay - DB1	415	76.3	11.7	10.3	1.8	
Tynagh Energy Ltd	Tynagh - TYC	404	80.7	11.0	2.8	5.6	
Viridian	Huntstown - HN2	402	91.4	0.3	5.3	3.0	
	Huntstown - HNC	342	88.6	3.3	4.0	4.1	

**Table 5: Unit-by-Unit 365 Day Rolling Availability Demand Side Units – August 2022 to July 2023**

<b>Unit-by-Unit 365 day Rolling Availability – July 2023</b>			
<b>Company</b>	<b>Unit</b>	<b>Capacity</b>	<b>Annual Availability %</b>
Enel X	Enel X – AE1	87	15.9
	Enel X – AE2	13	34.1
	Enel X – AE3	14	37.5
	Enel X – AE4	16	13.6
	Enel X – AE5	16	0.0
	Enel X - EN1	16	14.9
	Enel X - EN2	17	14.3
	Enel X - EN3	17	25.0
	Enel X - EN4	16	26.5
	Enel X - EN5	6	2.8
	Enel X - EN6	11	26.9
	Enel X - EN8	24	34.4
	Enel X - EN9	16	45.7
	Enel X - EX1	21	4.8
	DAE VPP	DAE VPP – DP1	5
DAE VPP – DP2		30	19.1
DAE VPP – DP3		9	13.6
Electricity Exchange Ltd	Electricity Exchange – EE1	66	21.8
	Electricity Exchange – EE2	30	17.7
	Electricity Exchange – EE3	11	11.7
	Electricity Exchange – EE4	13	7.2
	Electricity Exchange – EE5	17	57.5
	Electricity Exchange – EE6	14	40.3
	Electricity Exchange – EE7	8	34.5
	Electricity Exchange – EE8	12	35.3
	Electricity Exchange – EE9	11	29.4
Electric Ireland	Electric Ireland – EI1	14	41.7
Endeco	Endeco 1 – EC1	52	22.8
	Endeco 2 – EC2	13	29.7
	Endeco 3 – EC3	5	45.9
	Endeco 4 - EC4	5	48.9
	Endeco 5 – EC5	21	24.2
Energy Trading Ireland	Energy Trading – ET1	5	6.4
Powerhouse	Powerhouse – PG1	10	26.9

**Table 6: 365 Day Rolling System Total Average Availability – August 2022 to July 2023**

	<b>Annual Availability %</b>	<b>Annual Forced %</b>	<b>Annual Scheduled %</b>	<b>Annual Ambient %</b>	<b>Annual FOR</b>
<b>Conventional Total Average Availability</b>	75.5	18.4	4.7	1.4	19.3
<b>DSU Total Average Availability</b>	23.1	N/A	N/A	N/A	N/A