

# EirGrid Monthly Availability Report

## September 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 –September 2023**

Unit-by-Unit Average Monthly Availability – September 2023						
Company	Unit	Capacity	Monthly Availability %	Monthly Forced %	Monthly Scheduled %	Monthly Ambient %
Aughinish Alumina Ltd	Seal Rock - SK3	83	92.8	0.0	0.0	7.2
	Seal Rock - SK4	83	86.1	11.4	0.0	2.5
Bord Gáis	Whitegate - WG1	444	87.0	2.1	7.3	3.7
Dublin Waste to Energy	DWTE - DW1	62	93.9	6.1	0.0	0.0
ESB Energy Ireland	Aghada - AD2	449	95.7	0.1	0.2	4.0
	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	99.9	0.1	0.0	0.0
	Ardnacrusha - AA1	21	84.4	0.6	15.0	0.0
	Ardnacrusha - AA2	22	61.8	38.2	0.0	0.0
	Ardnacrusha - AA3	19	0.0	100.0	0.0	0.0
	Ardnacrusha - AA4	24	8.1	92.0	0.0	0.0
	Erne - ER1	10	85.5	0.0	14.5	0.0
	Erne - ER2	10	80.0	20.0	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	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	0.0	100.0	0.0	0.0
	Liffey - LI4	4	84.4	15.6	0.0	0.0
	Liffey - LI5	4	99.5	0.5	0.0	0.0
	Moneypoint - MP1	285	72.8	27.2	0.0	0.0
	Moneypoint - MP2	285	0.0	100.0	0.0	0.0
	Moneypoint - MP3	285	63.2	36.8	0.0	0.0
	Poolbeg - PBA	232	2.8	0.0	97.2	0.0
	Poolbeg - PBB	232	92.9	5.9	0.0	1.3
	Turlough Hill - TH1	73	99.3	0.8	0.0	0.0
	Turlough Hill - TH2	73	100.0	0.0	0.0	0.0
	Turlough Hill - TH3	73	99.6	0.4	0.0	0.0
	Turlough Hill - TH4	73	99.3	0.7	0.0	0.0
Edenderry Power Ltd	Edenderry - ED1	118	11.5	44.1	44.5	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	96.0	0.0	0.0	4.0
	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	0.0	100.0	0.0	0.0
	Tarbert - TB4	241	0.0	100.0	0.0	0.0
	Tawnaghmore - TP1	52	48.8	48.8	2.4	0.0
	Tawnaghmore - TP3	52	76.5	0.0	23.5	0.0
	Indaver	Indaver - IW1	17	99.6	0.4	0.0
Synergen	Dublin Bay - DB1	415	75.9	21.2	0.0	2.9
Tynagh Energy Ltd	Tynagh - TYC	404	60.0	11.1	23.3	5.6
Viridian	Huntstown - HN2	402	94.4	0.0	0.0	5.6
	Huntstown - HNC	342	88.0	7.1	0.0	4.9

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

Unit-by-Unit Average Monthly Availability –September 2023			
Company	Unit	Capacity	Monthly Availability %
Enel X	Enel X – AE1 <sup>2</sup>	86	9.7
	Enel X – AE2 <sup>3</sup>	12	36.8
	Enel X – AE3	14	6.3
	Enel X – AE4	16	17.5
	Enel X – AE5	16	0.0
	Enel X - EN1	16	12.5
	Enel X - EN2	17	0.0
	Enel X - EN3	17	26.1
	Enel X - EN4	16	28.4
	Enel X - EN5	6	0.8
	Enel X - EN6	11	16.7
	Enel X - EN8	24	48.7
	Enel X - EN9	16	47.4
	Enel X - EX1	21	4.8
DAE VPP	DAE VPP – DP1 <sup>4</sup>	9	61.0
	DAE VPP – DP2	30	16.0
	DAE VPP – DP3	9	0.0
Electricity Exchange Ltd	Electricity Exchange – EE1 <sup>5</sup>	55	21.4
	Electricity Exchange – EE2 <sup>6</sup>	28	20.0
	Electricity Exchange – EE3	11	8.9
	Electricity Exchange – EE4 <sup>7</sup>	12	4.6
	Electricity Exchange – EE5 <sup>8</sup>	12	43.8
	Electricity Exchange – EE6	14	43.1
	Electricity Exchange – EE7 <sup>9</sup>	8	26.9
	Electricity Exchange – EE8 <sup>10</sup>	17	54.5
	Electricity Exchange – EE9	11	24.9
Electric Ireland	Electric Ireland – EI1	17	74.2
Endeco	Endeco 1 – EC1	52	26.6
	Endeco 2 – EC2	12	32.0
	Endeco 3 – EC3 <sup>11</sup>	6	45.3
	Endeco 4 - EC4	5	41.9
	Endeco 5 – EC5	21	29.7
Energy Trading Ireland	Energy Trading – ET1	5	0.0
Powerhouse	Powerhouse – PG1	10	32.8

<sup>2</sup> AE1 decreased from 87MW to 86MW

<sup>3</sup> AE2 decreased from 13MW to 12MW

<sup>4</sup> DP1 increased from 5MW to 9MW

<sup>5</sup> EE1 decreased from 65MW to 55MW

<sup>6</sup> EE2 decreased from 30MW to 28MW

<sup>7</sup> EE4 decreased from 13MW to 12MW

<sup>8</sup> EE5 decreased from 17MW to 12MW

<sup>9</sup> EE7 increased from 7MW to 8MW

<sup>10</sup> EE8 increased from 12MW to 17MW

<sup>11</sup> EC3 increased from 5MW to 6MW

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

	Monthly Availability %	Monthly Forced %	Monthly Scheduled %	Monthly Ambient %	Monthly FOR
Conventional Total Average Availability	68.6	22.4	6.7	2.2	24.1
DSU Total Average Availability	23.1	N/A	N/A	N/A	N/A

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

Unit-by-Unit 365 Day Rolling Availability –September 2023							
Company	Unit	Capacity	Annual Availability %	Annual Forced %	Annual Scheduled %	Annual Ambient %	
Aughinish Alumina Ltd	Seal Rock - SK3	83	82.4	5.7	7.7	4.2	
	Seal Rock - SK4	83	80.0	6.6	11.1	2.4	
Bord Gáis	Whitegate - WG1	444	92.2	0.9	4.9	2.1	
Dublin Waste to Energy	DWTE - DW1	62	85.5	14.5	0.0	0.0	
ESB Energy Ireland	Aghada - AD2	449	80.8	14.6	2.6	2.1	
	Aghada - AT1	90	98.7	0.9	0.4	0.0	
	Aghada - AT2	90	96.9	1.7	1.3	0.1	
	Aghada - AT4	90	97.7	0.9	1.5	0.0	
	Ardnacrusha - AA1	21	96.1	2.5	1.4	0.0	
	Ardnacrusha - AA2	22	94.4	5.6	0.1	0.0	
	Ardnacrusha - AA3	19	64.0	35.6	0.4	0.0	
	Ardnacrusha - AA4	24	11.3	66.2	22.4	0.0	
	Erne - ER1	10	98.1	0.7	1.2	0.0	
	Erne - ER2	10	85.9	5.1	9.0	0.0	
	Erne - ER3	23	98.8	0.1	1.2	0.0	
	Erne - ER4	23	92.0	5.5	2.6	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	95.6	1.3	3.0	0.0	
	Liffey - LI1	15	66.7	18.9	14.4	0.0	
	Liffey - LI2	15	66.7	18.7	14.6	0.0	
	Liffey - LI4	4	74.7	10.7	14.6	0.0	
	Liffey - LI5	4	95.7	4.3	0.0	0.0	
	Moneypoint - MP1	285	69.1	26.5	4.4	0.0	
	Moneypoint - MP2	285	32.7	66.9	0.4	0.0	
	Moneypoint - MP3	285	70.8	23.9	5.4	0.0	
	Poolbeg - PBA	232	87.1	3.6	9.4	0.0	
	Poolbeg - PBB	232	93.8	5.1	1.0	0.1	
	Turlough Hill - TH1	73	94.4	0.6	5.1	0.0	
	Turlough Hill - TH2	73	91.3	3.6	5.1	0.0	
	Turlough Hill - TH3	73	92.2	3.7	4.0	0.0	
	Turlough Hill - TH4	73	93.7	2.3	4.0	0.0	
	Edenderry Power Ltd	Edenderry - ED1	118	55.6	23.7	20.8	0.0
		Edenderry - ED3	58	99.8	0.1	0.1	0.0
		Edenderry - ED5	58	99.8	0.1	0.1	0.0
SSE Generation Ireland	Great Island - GI4	464	90.6	6.6	0.6	2.2	
	Rhode - RP1	52	94.4	2.1	3.5	0.0	
	Rhode - RP2	52	95.5	1.0	3.5	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	18.2	81.8	0.0	0.0	
	Tarbert - TB4	241	0.0	100.0	0.0	0.0	
	Tawnaghmore - TP1	52	92.5	5.5	2.0	0.0	
Tawnaghmore - TP3	52	86.5	11.6	1.9	0.0		
Indaver	Indaver - IW1	17	94.7	1.6	3.7	0.0	
Synergen	Dublin Bay - DB1	415	84.2	9.0	4.7	2.1	
Tynagh Energy Ltd	Tynagh - TYC	404	78.7	11.5	4.2	5.5	
Viridian	Huntstown - HN2	402	91.3	0.2	5.3	3.2	
	Huntstown - HNC	342	88.1	3.8	4.0	4.2	

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

<b>Unit-by-Unit 365 day Rolling Availability – September 2023</b>			
<b>Company</b>	<b>Unit</b>	<b>Capacity</b>	<b>Annual Availability %</b>
Enel X	Enel X – AE1	87	14.6
	Enel X – AE2	13	35.4
	Enel X – AE3	14	35.1
	Enel X – AE4	16	16.3
	Enel X – AE5	16	0.0
	Enel X - EN1	16	13.3
	Enel X - EN2	17	11.4
	Enel X - EN3	17	24.4
	Enel X - EN4	16	26.6
	Enel X - EN5	6	2.9
	Enel X - EN6	11	24.7
	Enel X - EN8	24	37.1
	Enel X - EN9	16	47.5
	Enel X - EX1	21	4.8
	DAE VPP	DAE VPP – DP1	5
DAE VPP – DP2		30	18.2
DAE VPP – DP3		9	14.3
Electricity Exchange Ltd	Electricity Exchange – EE1	65	21.4
	Electricity Exchange – EE2	30	17.2
	Electricity Exchange – EE3	11	10.8
	Electricity Exchange – EE4	13	7.0
	Electricity Exchange – EE5	17	55.2
	Electricity Exchange – EE6	14	39.4
	Electricity Exchange – EE7	7	32.5
	Electricity Exchange – EE8	12	39.4
	Electricity Exchange – EE9	11	30.1
Electric Ireland	Electric Ireland – EI1	17	45.8
Endeco	Endeco 1 – EC1	52	23.4
	Endeco 2 – EC2	12	31.9
	Endeco 3 – EC3	5	46.1
	Endeco 4 - EC4	5	48.2
	Endeco 5 – EC5	21	24.2
Energy Trading Ireland	Energy Trading – ET1	5	3.1
Powerhouse	Powerhouse – PG1	10	28.5

**Table 6: 365 Day Rolling System Total Average Availability – October 2022 to September 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>	75.7	19.1	3.8	1.5	19.8
<b>DSU Total Average Availability</b>	23.0	N/A	N/A	N/A	N/A