

# Irish Electricity System

## Summary of all Generators

Status	TSO / DSO	No. Applications	Total MEC (MW)
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(Please be aware of the notes at the end of this report)

### Biogas

Connected	DSO	3	0.9
Contracted	DSO	8	19.0
Queue	DSO	3	2.0

*Total for Biogas* 14 21.9

### Biogas / Anaerobic Dig

Contracted	DSO	1	0.5
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*Total for Biogas / Anaerobic Digester* 1 0.5

### Biomass

Connected	DSO	1	0.1
Live	DSO	3	24.8

*Total for Biomass* 4 24.9

### CCGT

Connected	TSO	2	876.0
Contracted	TSO	2	876.0
Queue	TSO	3	917.0

*Total for CCGT* 7 2669.0

### CHP

Connected	TSO	1	130.0
Connected	DSO	24	61.6
Contracted	DSO	4	73.2
Energised	DSO	1	0.1
Live	TSO	1	40.0
Live	DSO	5	5.5
Queue	TSO	3	598.0
Queue	DSO	3	83.6

*Total for CHP* 42 992.0

### Coal

Connected	TSO	3	862.5
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*Total for Coal* 3 862.5

### Diesel

Connected	DSO	5	113.7
Queue	DSO	1	2.0

*Total for Diesel* 6 115.7

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### Distillate

Connected	TSO	2	103.6
Queue	DSO	5	80.0

*Total for Distillate* 7 183.6

### Gas

Connected	TSO	5	1841.0
Connected	DSO	1	0.3

*Total for Gas* 6 1841.3

### Gas/DO

Connected	TSO	7	1114.3
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*Total for Gas/DO* 7 1114.3

### HFO

Connected	TSO	7	805.4
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*Total for HFO* 7 805.4

### Hybrid

Live	DSO	1	17.5
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*Total for Hybrid* 1 17.5

### Hydro

Connected	TSO	15	212.2
Connected	DSO	58	25.5
Contracted	DSO	4	1.0
Live	DSO	1	0.0
Queue	DSO	1	0.0

*Total for Hydro* 79 238.8

### Interconnector

Contracted	TSO	1	500.0
Queue	TSO	1	700.0

*Total for Interconnector* 2 1200.0

### LFG

Connected	DSO	18	39.0
Contracted	DSO	6	14.5
Energised	DSO	2	18.4
Queue	DSO	1	1.3

*Total for LFG* 27 73.2

### OCGT

Connected	TSO	1	116.0
Contracted	TSO	4	352.4
Live	TSO	2	398.2

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Live	DSO	1	115.2	**
Queue	TSO	17	3162.9	*

*Total for OCGT* 25 4144.7

### Peat

Connected	TSO	3	356.5
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*Total for Peat* 3 356.5

### Pumped Storage Hydro

Connected	TSO	4	292.0	
Contracted	TSO	1	70.0	
Queue	TSO	10	2443.0	*

*Total for Pumped Storage Hydro* 15 2805.0

### Solar

Connected	DSO	1	0.1
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*Total for Solar* 1 0.1

### Tidal

Queue	DSO	1	36.0	*
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*Total for Tidal* 1 36.0

### Wave

Live	DSO	1	10.0	**
Queue	DSO	2	10.8	*

*Total for Wave* 3 20.8

### Wind

Connected	TSO	27	753.1	
Connected	DSO	123	854.9	
Contracted	TSO	19	654.1	
Contracted	DSO	73	783.4	
Energised	DSO	2	0.9	***
Live	TSO	27	1837.1	**
Live	DSO	111	1669.3	**
Non GPA	DSO	1	0.2	
Queue	TSO	69	8094.4	*
Queue	DSO	259	5135.2	*

*Total for Wind* 711 19782.4

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(Please be aware of the notes at the end of this report)

<b>TOTAL MEC</b>	<b>37306.0</b>
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\* Queue: Number of wind and non-wind applicants seeking connection to the Transmission or Distribution Networks

\*\* Live: Number of applicants in receipt of a Connection Offer from the relevant System Operator

\*\*\* DSO: A generator is considered Energised when a generator turbine has electrical connection to the network i.e. construction complete, however, is not currently permitted to export

Note: Information on distribution generators is based on data supplied by the Distribution System Operator, (DSO).

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