

Irish Electricity System

Summary of all Generators

| Status | TSO / DSO | No. Applications | Total MEC (MW) |
|--------|-----------|------------------|----------------|
|--------|-----------|------------------|----------------|

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

Anaerobic Digestor

| | | | | |
|-------|-----|-----|-----|---|
| Queue | DSO | 1.0 | 0.5 | * |
|-------|-----|-----|-----|---|

Total for Anaerobic Digestor 1.0 0.5

Biogas

| | | | | |
|------------|-----|-----|------|-----|
| Connected | DSO | 2.0 | 0.6 | |
| Contracted | DSO | 6.0 | 15.4 | |
| Energised | DSO | 1.0 | 0.3 | *** |
| Queue | DSO | 4.0 | 7.6 | * |

Total for Biogas 13.0 23.8

Biogas / Anaerobic Dig

| | | | | |
|------------|-----|-----|-----|--|
| Contracted | DSO | 1.0 | 0.5 | |
|------------|-----|-----|-----|--|

Total for Biogas / Anaerobic Digestor 1.0 0.5

Biomass

| | | | | |
|-----------|-----|-----|------|---|
| Connected | DSO | 1.0 | 0.1 | |
| Queue | DSO | 3.0 | 73.5 | * |

Total for Biomass 4.0 73.6

CCGT

| | | | | |
|------------|-----|-----|-------|----|
| Connected | TSO | 2.0 | 876.0 | |
| Contracted | TSO | 1.0 | 445.0 | |
| Live | TSO | 1.0 | 431.0 | ** |
| Queue | TSO | 3.0 | 917.0 | * |

Total for CCGT 7.0 2669.0

CHP

| | | | | |
|------------|-----|------|-------|-----|
| Connected | TSO | 1.0 | 130.0 | |
| Connected | DSO | 19.0 | 51.4 | |
| Contracted | DSO | 2.0 | 72.1 | |
| Energised | DSO | 2.0 | 4.7 | *** |
| Gate 3 | TSO | 1.0 | 40.0 | |
| Queue | TSO | 1.0 | 490.0 | * |
| Queue | DSO | 4.0 | 10.8 | * |

Total for CHP 30.0 799.0

Coal

| | | | | |
|-----------|-----|-----|-------|--|
| Connected | TSO | 3.0 | 862.5 | |
|-----------|-----|-----|-------|--|

Total for Coal 3.0 862.5

Diesel

| Status | TSO / DSO | No. Applications | Total MEC (MW) |
|--------|-----------|------------------|----------------|
|--------|-----------|------------------|----------------|

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

| | | | |
|-----------|-----|-----|-------|
| Connected | DSO | 5.0 | 113.7 |
|-----------|-----|-----|-------|

Total for Diesel 5.0 113.7

Distillate

| | | | |
|-----------|-----|-----|-------|
| Connected | TSO | 2.0 | 103.6 |
| Queue | DSO | 5.0 | 80.0 |

Total for Distillate 7.0 183.6

Gas

| | | | |
|-----------|-----|-----|--------|
| Connected | TSO | 5.0 | 1841.0 |
| Connected | DSO | 1.0 | 0.3 |

Total for Gas 6.0 1841.3

Gas/DO

| | | | |
|-----------|-----|-----|--------|
| Connected | TSO | 7.0 | 1114.3 |
|-----------|-----|-----|--------|

Total for Gas/DO 7.0 1114.3

Gas/HFO

| | | | |
|-----------|-----|-----|-------|
| Connected | TSO | 3.0 | 461.0 |
|-----------|-----|-----|-------|

Total for Gas/HFO 3.0 461.0

HFO

| | | | |
|-----------|-----|-----|-------|
| Connected | TSO | 7.0 | 805.4 |
|-----------|-----|-----|-------|

Total for HFO 7.0 805.4

Hybrid

| | | | |
|------|-----|-----|------|
| Live | TSO | 1.0 | 17.5 |
|------|-----|-----|------|

Total for Hybrid 1.0 17.5

Hydro

| | | | |
|------------|-----|------|-------|
| Connected | TSO | 14.0 | 212.0 |
| Connected | DSO | 53.0 | 25.2 |
| Contracted | DSO | 3.0 | 0.9 |
| Energised | DSO | 2.0 | 0.1 |
| Queue | DSO | 2.0 | 0.1 |

Total for Hydro 74.0 238.4

Interconnector

| | | | |
|------------|-----|-----|-------|
| Contracted | TSO | 1.0 | 500.0 |
| Queue | TSO | 1.0 | 700.0 |

Total for Interconnector 2.0 1200.0

LFG

| | | | |
|------------|-----|------|------|
| Connected | DSO | 15.0 | 37.2 |
| Contracted | DSO | 4.0 | 9.4 |
| Energised | DSO | 5.0 | 20.5 |

| Status | TSO / DSO | No. Applications | Total MEC (MW) |
|--------|-----------|------------------|----------------|
|--------|-----------|------------------|----------------|

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| | | | | |
|-------|-----|-----|-----|----|
| Live | DSO | 1.0 | 5.0 | ** |
| Queue | DSO | 2.0 | 1.6 | * |

Total for LFG 27.0 73.7

OCGT

| | | | | |
|------------|-----|------|--------|----|
| Connected | TSO | 1.0 | 116.0 | |
| Contracted | TSO | 4.0 | 352.4 | |
| Gate 3 | TSO | 2.0 | 297.2 | |
| Gate 3 | DSO | 1.0 | 115.2 | |
| Live | TSO | 1.0 | 101.0 | ** |
| Queue | TSO | 17.0 | 3162.9 | * |

Total for OCGT 26.0 4144.7

Peat

| | | | | |
|-----------|-----|-----|-------|--|
| Connected | TSO | 3.0 | 356.5 | |
|-----------|-----|-----|-------|--|

Total for Peat 3.0 356.5

Pumped Storage Hydro

| | | | | |
|------------|-----|------|--------|---|
| Connected | TSO | 4.0 | 292.0 | |
| Contracted | TSO | 1.0 | 70.0 | |
| Queue | TSO | 10.0 | 2443.0 | * |

Total for Pumped Storage Hydro 15.0 2805.0

Solar

| | | | | |
|-----------|-----|-----|-----|--|
| Connected | DSO | 1.0 | 0.1 | |
|-----------|-----|-----|-----|--|

Total for Solar 1.0 0.1

Tidal

| | | | | |
|-------|-----|-----|------|---|
| Queue | DSO | 1.0 | 36.0 | * |
|-------|-----|-----|------|---|

Total for Tidal 1.0 36.0

Wave

| | | | | |
|-------|-----|-----|------|---|
| Queue | DSO | 1.0 | 10.0 | * |
|-------|-----|-----|------|---|

Total for Wave 1.0 10.0

Wind

| | | | | |
|------------|-----|-------|--------|-----|
| Connected | TSO | 24.0 | 782.3 | |
| Connected | DSO | 103.0 | 658.0 | |
| Contracted | TSO | 14.0 | 372.7 | |
| Contracted | DSO | 70.0 | 787.6 | |
| Energised | DSO | 7.0 | 30.2 | *** |
| Gate 3 | TSO | 2.0 | 163.0 | |
| Gate 3 | DSO | 30.0 | 352.7 | |
| Live | TSO | 27.0 | 1878.6 | ** |
| Live | DSO | 93.0 | 1531.0 | ** |
| Queue | TSO | 67.0 | 7082.4 | * |

| Status | TSO / DSO | No. Applications | Total MEC (MW) |
|--------|-----------|------------------|----------------|
|--------|-----------|------------------|----------------|

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| | | | |
|-------|-----|-------|--------|
| Queue | DSO | 257.0 | 5049.6 |
|-------|-----|-------|--------|

Total for Wind 694.0 18688.0

| | |
|------------------|----------------|
| TOTAL MEC | 36518.0 |
|------------------|----------------|

* 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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