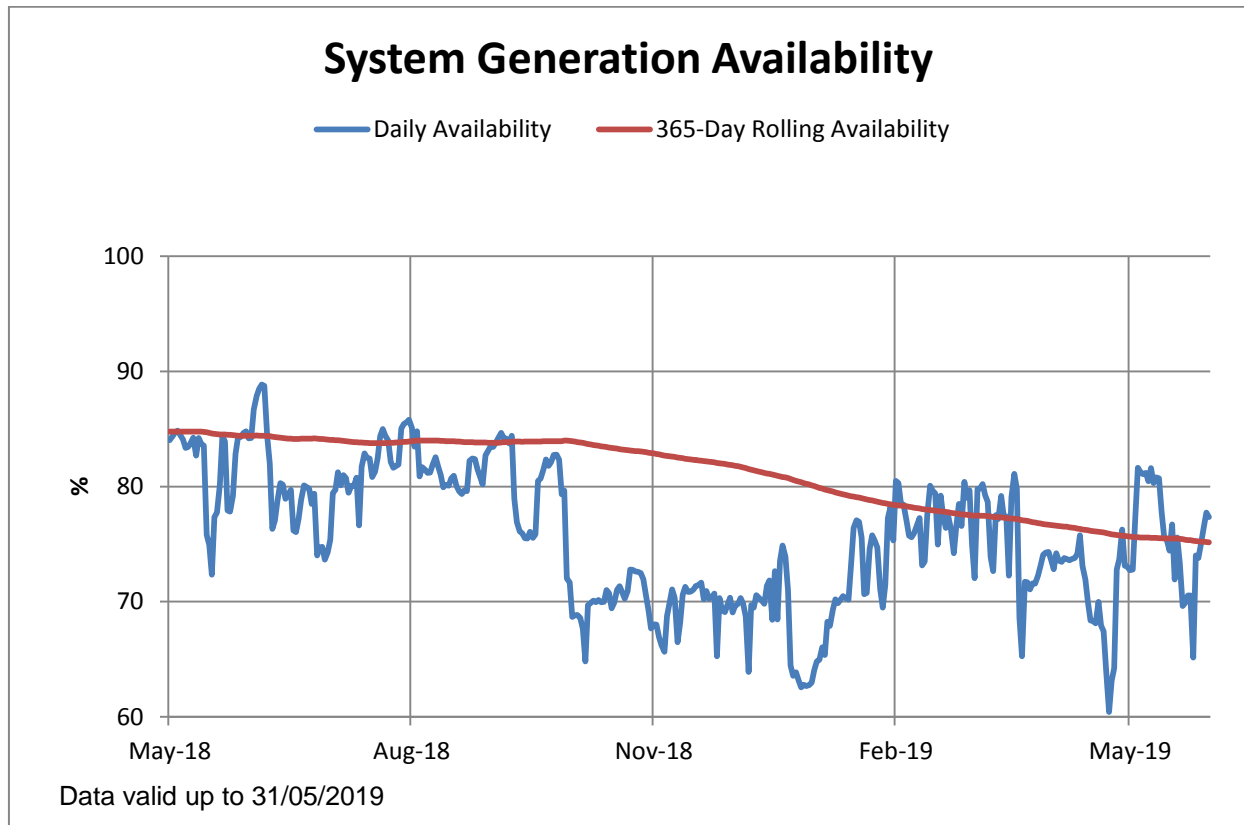


EirGrid Monthly Availability Report – May 2019

Availability report for May 2019¹.



Definitions

Availability: the capacity-weighted percentage of the time that generators were available.

Forced: outages where generators are unavailable due to unforeseen/unplanned outages.

Scheduled: outages where generators are unavailable due to planned reasons, e.g., for maintenance.

Ambient (seasonal derating): difference between the **Maximum Capacity** of a generator and the **Dependable Capacity** over a specified period of time.

Maximum Capacity: the maximum capacity that a unit can sustain over a specified period of time.

Dependable Capacity: the capacity of a unit, when modified for ambient conditions over a specified period of time.

365-day Rolling Availability: the average of the unit's **Availability** over the most recent 365 days (i.e., past year)

HOW TO CONTACT US

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¹ Based on EDIL (Electronic Dispatch Instruction Logger) declarations.

Table 1: Unit-by-Unit Average Monthly Availability Conventional Units – May 2019

| Unit-by-Unit Average Monthly Availability – May 2019 | | | | | | |
|--|---------------------|----------|------------------------|------------------|---------------------|-------------------|
| Company | Unit | Capacity | Monthly Availability % | Monthly Forced % | Monthly Scheduled % | Monthly Ambient % |
| Aughinish Alumina Ltd | Seal Rock - SK3 | 85 | 76.25 | 0.89 | 18.51 | 4.35 |
| | Seal Rock - SK4 | 85 | 85.40 | 0.00 | 10.55 | 4.05 |
| Bord Gáis | Whitegate - WG1 | 444 | 98.09 | 0.91 | 0.00 | 1.00 |
| Dublin Waste to Energy | DWTE - DW1 | 61.5 | 99.95 | 0.05 | 0.00 | 0.00 |
| ESB Energy Ireland | Aghada - AD1 | 258 | 0.00 | 0.00 | 100.00 | 0.00 |
| | Aghada - AD2 | 431 | 96.52 | 0.00 | 2.64 | 0.84 |
| | Aghada - AT1 | 90 | 99.48 | 0.00 | 0.52 | 0.00 |
| | Aghada - AT2 | 90 | 100.00 | 0.00 | 0.00 | 0.00 |
| | Aghada - AT4 | 90 | 100.00 | 0.00 | 0.00 | 0.00 |
| | Ardnacrusha - AA1 | 21 | 99.85 | 0.15 | 0.00 | 0.00 |
| | Ardnacrusha - AA2 | 22 | 100.00 | 0.00 | 0.00 | 0.00 |
| | Ardnacrusha - AA3 | 19 | 86.02 | 0.00 | 13.98 | 0.00 |
| | Ardnacrusha - AA4 | 24 | 100.00 | 0.00 | 0.00 | 0.00 |
| | Erne - ER1 | 10 | 92.68 | 7.32 | 0.00 | 0.00 |
| | Erne - ER2 | 10 | 100.00 | 0.00 | 0.00 | 0.00 |
| | Erne - ER3 | 22 | 85.71 | 0.00 | 14.29 | 0.00 |
| | Erne - ER4 | 22 | 99.95 | 0.00 | 0.05 | 0.00 |
| | Lee - LE1 | 15 | 27.80 | 0.00 | 72.20 | 0.00 |
| | Lee - LE2 | 4 | 66.76 | 0.00 | 33.24 | 0.00 |
| | Lee - LE3 | 8 | 99.58 | 0.42 | 0.00 | 0.00 |
| | Liffey - LI1 | 15 | 54.68 | 45.32 | 0.00 | 0.00 |
| | Liffey - LI2 | 15 | 54.69 | 45.31 | 0.00 | 0.00 |
| | Liffey - LI4 | 4 | 100.00 | 0.00 | 0.00 | 0.00 |
| | Liffey - LI5 | 4 | 100.00 | 0.00 | 0.00 | 0.00 |
| | Lough Ree - LR4 | 91 | 93.02 | 6.98 | 0.00 | 0.00 |
| | Marina - MRC | 123 | 0.00 | 100.00 | 0.00 | 0.00 |
| | Moneypoint - MP1 | 285 | 59.62 | 40.38 | 0.00 | 0.00 |
| | Moneypoint - MP2 | 285 | 62.49 | 37.51 | 0.00 | 0.00 |
| | Moneypoint - MP3 | 285 | 67.37 | 32.63 | 0.00 | 0.00 |
| | North Wall - NW5 | 104 | 98.70 | 0.38 | 0.00 | 0.92 |
| | Poolbeg - PBA | 231 | 77.14 | 22.86 | 0.00 | 0.00 |
| | Poolbeg - PBB | 231 | 68.10 | 31.90 | 0.00 | 0.00 |
| | Turlough Hill - TH1 | 73 | 54.72 | 0.00 | 45.28 | 0.00 |
| | Turlough Hill - TH2 | 73 | 54.72 | 0.00 | 45.28 | 0.00 |
| | Turlough Hill - TH3 | 73 | 45.86 | 8.86 | 45.28 | 0.00 |
| | Turlough Hill - TH4 | 73 | 55.22 | 0.06 | 44.72 | 0.00 |
| | West Offaly - WO4 | 137 | 33.30 | 1.51 | 65.19 | 0.00 |
| Edenderry Power Ltd | Edenderry - ED1 | 118 | 99.99 | 0.01 | 0.00 | 0.00 |
| | Edenderry - ED3 | 58 | 85.76 | 0.00 | 14.24 | 0.00 |
| | Edenderry - ED5 | 58 | 85.79 | 0.00 | 14.21 | 0.00 |
| SSE Generation Ireland | Great Island - GI4 | 461 | 74.60 | 16.72 | 7.93 | 0.75 |
| | Rhode - RP1 | 52 | 100.00 | 0.00 | 0.00 | 0.00 |
| | Rhode - RP2 | 52 | 100.00 | 0.00 | 0.00 | 0.00 |
| | Tarbert - TB1 | 54 | 86.02 | 0.00 | 13.98 | 0.00 |
| | Tarbert - TB2 | 54 | 62.09 | 3.74 | 34.17 | 0.00 |
| | Tarbert - TB3 | 241 | 97.98 | 2.02 | 0.00 | 0.00 |
| | Tarbert - TB4 | 243 | 97.94 | 2.06 | 0.00 | 0.00 |
| | Tawnaghmore - TP1 | 52 | 100.00 | 0.00 | 0.00 | 0.00 |
| Tawnaghmore - TP3 | 52 | 99.93 | 0.07 | 0.00 | 0.00 | |
| Indaver | Indaver - IW1 | 16 | 87.22 | 12.04 | 0.74 | 0.00 |
| Synergen | Dublin Bay - DB1 | 405 | 95.75 | 3.11 | 0.46 | 0.68 |
| Tynagh Energy Ltd | Tynagh - TYC | 384 | 96.60 | 0.00 | 0.13 | 3.27 |
| Viridian | Huntstown - HN2 | 400 | 95.08 | 0.00 | 1.84 | 3.08 |
| | Huntstown - HNC | 342 | 95.52 | 0.76 | 0.00 | 3.72 |

Table 2: Unit-by-Unit Average Monthly Availability Demand Side Units – May 2019

| Unit-by-Unit Average Monthly Availability – May 2019 | | | | | |
|--|----------------------------|------------------------|------------------|---------------------|-------------------|
| Company | Unit | Monthly Availability % | Monthly Forced % | Monthly Scheduled % | Monthly Ambient % |
| Activation Energy | Activation Energy 1 – AE1 | 27.86 | 57.81 | 14.33 | 0 |
| | Activation Energy 2 – AE2 | 22.01 | 74.71 | 3.28 | 0 |
| | Activation Energy 3 – AE3 | 57.14 | 42.86 | 0 | 0 |
| | Activation Energy 4 – AE4 | 99.85 | 0.15 | 0 | 0 |
| | Activation Energy 5 – AE5 | 54.03 | 33.42 | 12.55 | 0 |
| DAE VPP | DAE VPP – DP1 | 56.17 | 0 | 43.83 | 0 |
| | DAE VPP – DP2 | 0 | 0 | 100 | 0 |
| Electricity Exchange Ltd | Electricity Exchange – EE1 | 51.05 | 0.05 | 48.9 | 0 |
| | Electricity Exchange – EE2 | 37.24 | 0 | 62.76 | 0 |
| | Electricity Exchange – EE3 | 39.17 | 0 | 60.83 | 0 |
| | Electricity Exchange – EE4 | 43.65 | 0 | 56.35 | 0 |
| | Electricity Exchange – EE5 | 75.54 | 0 | 24.46 | 0 |
| Electric Ireland | Electric Ireland – EI1 | 59.58 | 0 | 40.42 | 0 |
| Endeco | Endeco 1 – EC1 | 57.71 | 0 | 42.29 | 0 |
| | Endeco 2 – EC2 | 25 | 0 | 75 | 0 |
| | Endeco 5 – EC5 | 54.52 | 0 | 45.48 | 0 |
| Energy Trading Ireland | Energy Trading – ET1 | 64.5 | 35.5 | 0 | 0 |
| Powerhouse | Powerhouse – PG1 | 37.96 | 62.04 | 0 | 0 |
| Viridian | Viridian Energy – VE1 | 32.83 | 0 | 67.17 | 0 |
| | Viridian Energy – VE2 | 61.44 | 0 | 38.56 | 0 |

Table 3: System Total Average Monthly Availability – May 2019

| | Monthly Availability % | Monthly Forced % | Monthly Scheduled % | Monthly Ambient % |
|--|------------------------|------------------|---------------------|-------------------|
| System Total Average Availability | 75.89 | 13.07 | 10.24 | 0.8 |

Table 4: Unit-by-Unit 365 Day Rolling Availability Conventional Units – May 2018 to May 2019

| Unit-by-Unit 365 Day Rolling Availability – May 2019 | | | | | | |
|--|---------------------|----------|------------------------|------------------|---------------------|-------------------|
| Company | Unit | Capacity | Monthly Availability % | Monthly Forced % | Monthly Scheduled % | Monthly Ambient % |
| Aughinish Alumina Ltd | Seal Rock - SK3 | 85 | 88.94 | 1.59 | 4.12 | 5.35 |
| | Seal Rock - SK4 | 85 | 90.96 | 1.51 | 2.78 | 4.75 |
| Bord Gáis | Whitegate - WG1 | 444 | 92.37 | 6.33 | 0.01 | 1.29 |
| Dublin Waste to Energy | DWTE - DW1 | 61.5 | 87.89 | 8.78 | 3.33 | 0.00 |
| ESB Energy Ireland | Aghada - AD1 | 258 | 32.94 | 1.14 | 65.92 | 0.00 |
| | Aghada - AD2 | 431 | 97.25 | 0.57 | 0.99 | 1.19 |
| | Aghada - AT1 | 90 | 98.88 | 0.46 | 0.62 | 0.04 |
| | Aghada - AT2 | 90 | 98.78 | 0.60 | 0.58 | 0.04 |
| | Aghada - AT4 | 90 | 92.12 | 0.72 | 7.12 | 0.04 |
| | Ardnacrusha - AA1 | 21 | 68.28 | 0.01 | 31.71 | 0.00 |
| | Ardnacrusha - AA2 | 22 | 72.33 | 5.06 | 22.61 | 0.00 |
| | Ardnacrusha - AA3 | 19 | 72.26 | 3.27 | 24.47 | 0.00 |
| | Ardnacrusha - AA4 | 24 | 76.24 | 0.88 | 22.88 | 0.00 |
| | Erne - ER1 | 10 | 86.45 | 12.24 | 1.31 | 0.00 |
| | Erne - ER2 | 10 | 95.15 | 0.98 | 3.87 | 0.00 |
| | Erne - ER3 | 22 | 90.72 | 7.98 | 1.30 | 0.00 |
| | Erne - ER4 | 22 | 97.40 | 1.39 | 1.21 | 0.00 |
| | Lee - LE1 | 15 | 90.81 | 2.91 | 6.28 | 0.00 |
| | Lee - LE2 | 4 | 93.09 | 0.03 | 6.88 | 0.00 |
| | Lee - LE3 | 8 | 93.55 | 0.07 | 6.38 | 0.00 |
| | Liffey - LI1 | 15 | 87.80 | 3.87 | 8.33 | 0.00 |
| | Liffey - LI2 | 15 | 85.49 | 6.18 | 8.33 | 0.00 |
| | Liffey - LI4 | 4 | 90.30 | 0.60 | 9.10 | 0.00 |
| | Liffey - LI5 | 4 | 93.70 | 0.11 | 6.19 | 0.00 |
| | Lough Ree - LR4 | 91 | 91.18 | 4.93 | 3.89 | 0.00 |
| | Marina - MRC | 123 | 27.13 | 72.49 | 0.34 | 0.04 |
| | Moneypoint - MP1 | 285 | 40.99 | 41.93 | 17.08 | 0.00 |
| | Moneypoint - MP2 | 285 | 42.32 | 57.68 | 0.00 | 0.00 |
| | Moneypoint - MP3 | 285 | 30.10 | 67.11 | 2.79 | 0.00 |
| | North Wall - NW5 | 104 | 89.30 | 6.90 | 3.64 | 0.16 |
| | Poolbeg - PBA | 231 | 85.11 | 5.34 | 9.55 | 0.00 |
| | Poolbeg - PBB | 231 | 80.55 | 16.11 | 3.34 | 0.00 |
| | Turlough Hill - TH1 | 73 | 92.55 | 1.58 | 5.87 | 0.00 |
| | Turlough Hill - TH2 | 73 | 92.40 | 3.05 | 4.55 | 0.00 |
| | Turlough Hill - TH3 | 73 | 88.58 | 5.29 | 6.13 | 0.00 |
| | Turlough Hill - TH4 | 73 | 88.72 | 5.97 | 5.31 | 0.00 |
| West Offaly - WO4 | 137 | 74.96 | 2.07 | 22.97 | 0.00 | |
| Edenderry Power Ltd | Edenderry - ED1 | 118 | 90.73 | 0.85 | 8.42 | 0.00 |
| | Edenderry - ED3 | 58 | 98.67 | 0.00 | 1.33 | 0.00 |
| | Edenderry - ED5 | 58 | 98.35 | 0.32 | 1.33 | 0.00 |
| SSE Generation Ireland | Great Island - GI4 | 461 | 55.85 | 30.01 | 13.10 | 1.04 |
| | Rhode - RP1 | 52 | 99.38 | 0.62 | 0.00 | 0.00 |
| | Rhode - RP2 | 52 | 99.74 | 0.26 | 0.00 | 0.00 |
| | Tarbert - TB1 | 54 | 98.50 | 0.31 | 1.19 | 0.00 |
| | Tarbert - TB2 | 54 | 94.82 | 2.28 | 2.90 | 0.00 |
| | Tarbert - TB3 | 241 | 97.84 | 1.47 | 0.69 | 0.00 |
| | Tarbert - TB4 | 243 | 89.90 | 6.38 | 3.72 | 0.00 |
| | Tawnaghmore - TP1 | 52 | 98.64 | 0.14 | 1.22 | 0.00 |
| Tawnaghmore - TP3 | 52 | 97.72 | 2.07 | 0.21 | 0.00 | |
| Indaver | Indaver - IW1 | 16 | 90.84 | 9.10 | 0.06 | 0.00 |
| Synergen | Dublin Bay - DB1 | 405 | 88.44 | 10.08 | 1.38 | 0.10 |
| Tynagh Energy Ltd | Tynagh - TYC | 384 | 93.00 | 0.51 | 2.43 | 4.06 |
| Viridian | Huntstown - HN2 | 400 | 85.65 | 10.67 | 0.54 | 3.14 |
| | Huntstown - HNC | 342 | 95.42 | 0.11 | 0.50 | 3.97 |

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.

Table 5: Unit-by-Unit 365 Day Rolling Availability Demand Side Units – May 2018 to May 2019

| Unit-by-Unit 365 Day Rolling Availability – May 2019 | | | | | |
|--|----------------------------|------------------------|------------------|---------------------|-------------------|
| Company | Unit | Monthly Availability % | Monthly Forced % | Monthly Scheduled % | Monthly Ambient % |
| Activation Energy | Activation Energy 1 – AE1 | 28.41 | 58.87 | 12.72 | 0 |
| | Activation Energy 2 – AE2 | 28.65 | 69.91 | 1.44 | 0 |
| | Activation Energy 3 – AE3 | 54.48 | 45.34 | 0.18 | 0 |
| | Activation Energy 4 – AE4 | 18.22 | 68.67 | 13.11 | 0 |
| | Activation Energy 5 – AE5 | 54.41 | 6.43 | 39.16 | 0 |
| DAE VPP | DAE VPP – DP1 | 67 | 0 | 33 | 0 |
| | DAE VPP – DP2 | 15.76 | 0 | 84.24 | 0 |
| Electricity Exchange Ltd | Electricity Exchange – EE1 | 54.29 | 0.01 | 45.7 | 0 |
| | Electricity Exchange – EE2 | 43.8 | 0.01 | 56.19 | 0 |
| | Electricity Exchange – EE3 | 40.47 | 0.08 | 59.45 | 0 |
| | Electricity Exchange – EE4 | 64.36 | 0 | 35.64 | 0 |
| | Electricity Exchange – EE5 | 54.05 | 0.05 | 45.9 | 0 |
| Electric Ireland | Electric Ireland – EI1 | 76.38 | 0.03 | 23.59 | 0 |
| Endeco | Endeco 1 – EC1 | 57.89 | 0 | 42.11 | 0 |
| | Endeco 2 – EC2 | 31.77 | 0.04 | 68.19 | 0 |
| | Endeco 5 – EC5 | 53.15 | 0.21 | 46.64 | 0 |
| Energy Trading Ireland | Energy Trading – ET1 | 64.59 | 35.41 | 0 | 0 |
| Powerhouse | Powerhouse – PG1 | 60.25 | 39.75 | 0 | 0 |
| Viridian | Viridian Energy – VE1 | 50.76 | 0 | 49.24 | 0 |
| | Viridian Energy – VE2 | 53.03 | 0.01 | 46.96 | 0 |

Table 6: 365 Day Rolling System Total Average Availability – May 2018 to May 2019

| | Yearly Availability % | Yearly Forced % | Yearly Scheduled % | Yearly Ambient % |
|--|-----------------------|-----------------|--------------------|------------------|
| System Total Average Availability | 75.15 | 16.02 | 7.94 | 0.89 |