*Operations*

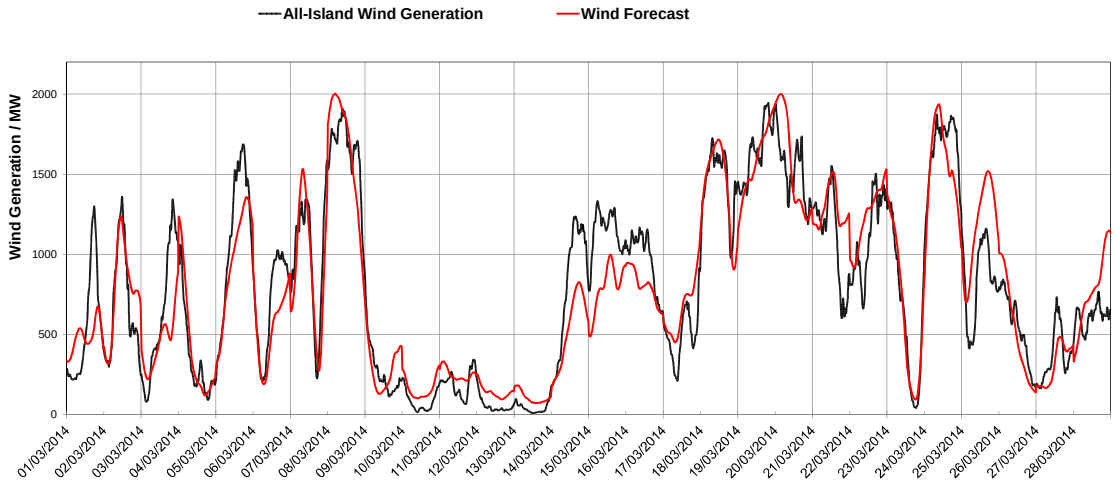
# Wind Forecast Accuracy Statistics

*March 2014*

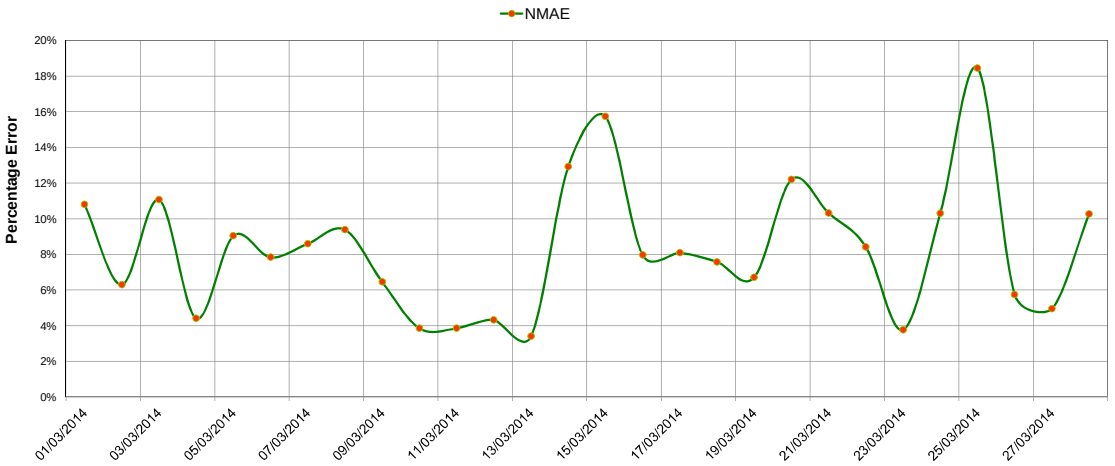
▼*Forecast Data Available Day Ahead*▼

| TSO | Installed Wind Capacity (MW) | Forecast Error (MW) | | Normalised Mean Absoulte Error (NMAE) | | |
|---|---|---|---|---|---|---|
| | | Max Generated > Forecast | Max Generated < Forecast | Max | Min | Average |
| EirGrid | 1926 | 584 | 714 | 18.9% | 3.3% | 7.5% |
| SONI | 531 | 217 | 339 | 24.2% | 1.8% | 9.7% |
| All-Island | 2457 | | | | | |

▼*All-Island Wind Generation in Day Ahead Forecast*▼




▼*NMAE Available Day Ahead*▼




**Notes**

•Forecast data does not take into account windfarm outages

•Installed wind includes all windfarms connected at both Transmission and Distribution levels in Ireland and Northern Ireland

•Forecast does not allow for potential dispatching down of windfarms.

**Statistical defination**s

•Normalised Mean Absolute Error (NMAE) - The absolute difference between the forecasted wind output and the actual output divided by the sum of all the windfarm capacity. This puts the error in context of the total capacity so the error can be consistently compared.