

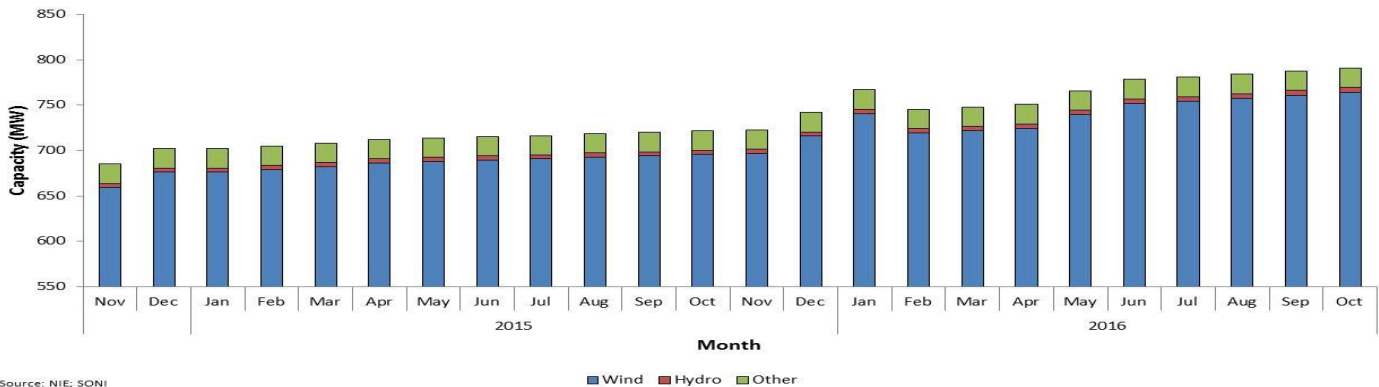
## Northern Ireland Monthly Electricity Statistics Update – October 2016

### System Statistics and Records:

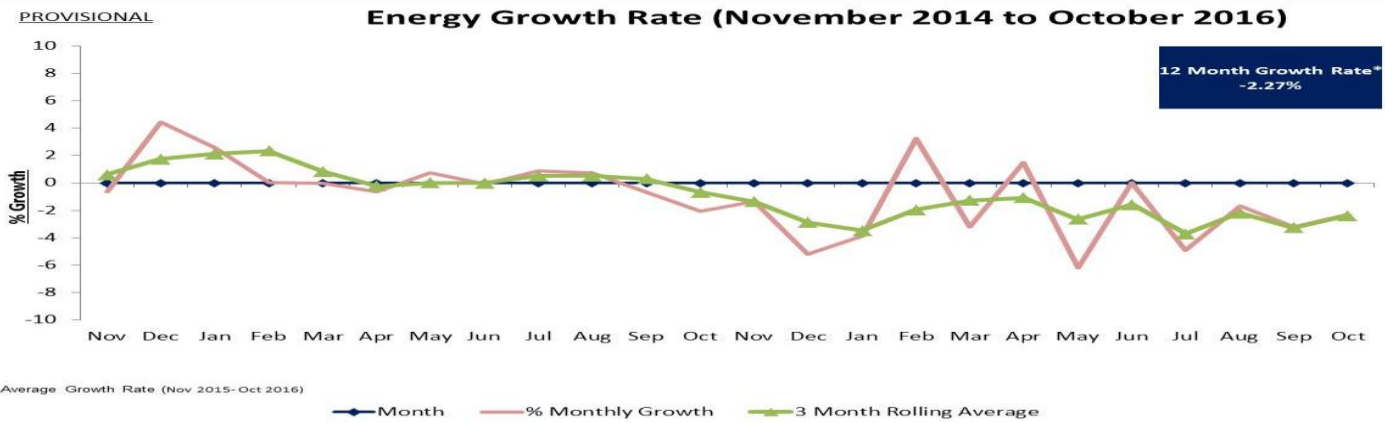
Monthly Electricity Demand	727.871 GWh	October 2016
Monthly Electricity Demand From Renewables <sup>1</sup>	150.69 GWh	Oct 2016 (Wind <sup>3</sup> = 131.46 GWh)
Monthly Electricity Demand Growth Rate	-2.29 %	Oct 2016 v Oct 2015
Year To Date Electricity Demand Growth Rate	-2.06 %	Jan-Oct 2016 vs Jan –Oct 2015
Monthly Maximum Load	1433.61 MW	October 2016
Monthly Minimum Load	541.07 MW	October 2016
2016 Year To Date Maximum Load	1679.21MW	17:30 hrs on Monday 11 <sup>th</sup> January 2016
2016 Year To Date Minimum Load	508.55 MW	06:00 hrs on Sunday 17 <sup>th</sup> July 2016
All Time Maximum Peak Demand	1777 MW	18:00 hrs on 22 <sup>nd</sup> December 2010
Installed Dispatchable Capacity <sup>2</sup>	2342 MW	As at 31 <sup>st</sup> October 2016
Installed Renewable Capacity <sup>1</sup>	850.8 MW	As at 31 <sup>st</sup> Oct 2016 (Wind <sup>3</sup> = 764.5 MW)
2016 Maximum Wind Output <sup>3</sup>	667.389 MW	At 22:00 hrs on 7 <sup>th</sup> August 2016

Installed Renewable Capacity (November 2014 - October 2016)

PROVISIONAL  
850.8



Energy Growth Rate (November 2014 to October 2016)



<sup>1</sup> Includes Large Scale Wind ( $\geq 5$  MW = 664.70 MW), Small Scale Wind, Hydro, Tidal, Biomass, PV and Landfill Gas data available to SONI.

<sup>2</sup> Excludes import capacity of Moyle. (Import = 450MW Nov-Mar & 410MW Apr-Oct. Export = 295MW Sep-Apr & 287MW May-Aug).

<sup>3</sup> Includes Large Scale Wind and Small Scale Wind.

If you need any further information on these statistics, please email [enquiries@soni.ltd.uk](mailto:enquiries@soni.ltd.uk) or go to [www.soni.ltd.uk](http://www.soni.ltd.uk).

All the above data is preliminary and is expressed in terms of Sent-Out (Exported) generation available to SONI.

Further information on monthly wind and fuel mix can be found at:

<http://www.eirgrid.com/operations/systemperformancedata/all-islandwindandfuelmixreport>

While every effort has been made in the compilation of this report to ensure that the information contained herein is correct we cannot accept any responsibility or liability whatsoever for any damage caused by reliance on the information presented here.