

## Reporting Criteria 2015/16

# GW of installed operational offshore renewable energy capacity

Background	<p>The Crown Estate has a target to facilitate the installation of 5-8 GW of operational low carbon energy assets on our portfolio by 31 March 2016. We report on the capacity of operational offshore wind energy installed in the reporting year.</p>
Definitions	<p>Offshore wind energy capacity relates to total installed capacity (TIC). TIC is calculated using the sum of the number of operational turbines installed within each wind farm multiplied by their given turbine rating, e.g. 3.6MW or 6MW.</p> <p>Installed Operational Capacity includes turbines that have been installed and connected to the grid and are already exporting power. This is also sometimes referred to as 'grid connected capacity'.</p>
Scope	<p>This KPI is based on total installed capacity (TIC), see definition above.</p> <p>Renewable energy capacity from wave and tidal technology is not included as this is still in the test and demonstration stage and total capacity currently installed is immaterial.</p> <p>There were 4 offshore wind farms that have contributed to installed operational renewable energy TIC during the reporting year. This includes:</p> <ul style="list-style-type: none"> <li>▪ Humber Gateway, which became fully operational during the reporting year with turbine installation completed in May 2015 and generation since February 2015;</li> <li>▪ Gwynt y Môr, which became fully operational during the reporting year with turbine installation completed in May 2015 and generation since August 2013;</li> <li>▪ Westermost Rough, which became fully operational during the reporting year with turbine installation completed in June 2015 and generation since September 2014; and</li> <li>▪ Kentish Flats Extension, which became fully operational during the reporting year with turbine installation completed in October 2015 and generation since September 2014.</li> </ul>
Method	<p>All offshore wind farms have been enabled by The Crown Estate through granting of leases. We receive quarterly updates from the offshore wind farm developers which provide us with information on the number of turbines that have been installed, the number of turbines which are operational and the TIC.</p> <p>We also hold copies of all lease documentation which specifies the planned capacity and the number of turbines to be installed. This data is collated into a spreadsheet by the Energy Customers Team.</p>

Reporting  
period

1<sup>st</sup> April 2015 – 31<sup>st</sup> March 2016

Source

Quarterly updates from the offshore wind farm developers.

Lease documentation spreadsheet collated by the Energy Customers Team.