

Paint the Town Red

We helped to paint the town red in Workington with a 5-a-side football tournament

E.ON supported Workington's 'Paint the Town Red' day in August by holding a five-a-side football tournament in conjunction with the West Cumbria Police Safety Department. The tournament was aimed at under-14s local boys and girls teams, and was held at St Joseph's School in Workington.

Each participant also received a goody bag supplied by E.ON, which was presented by Liverpool and Manchester United legends Phil Neal and Mike Duxbury. As well as the tournament, the school also played host to E.ON's 'Shoot the O' challenge. The inflatable E.ON sign, which has been used as part of the build up to both the FA Cup and Senior England Internationals at Wembley, gave youngsters and adults alike the chance to test their shooting skills. E.ON were delighted to support this community event and help towards it's tremendous success.



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Robin Rigg Offshore Wind Farm

Project and community update from E.ON UK

Major activity at Robin Rigg - turbines, substations, cables and power

Robin Rigg offshore wind farm has marked another significant construction milestone, with the installation of the first section of its offshore electrical substation. The main equipment deck of the west half of the substation was transported out to site by a barge, and then lifted into place by a floating crane.

This west section of the substation will collect electrical power from 30 turbines (half of the wind farm), before transforming it up to a higher voltage and sending it through a cable back to shore. The second, east section of the substation is due to be installed later this year, and will perform the same role for the other half of the site. The two sections of the substation will be linked by a bridge to make access easier for maintenance and operations crews.

During August, the six-legged jack-up vessel MV Resolution returned to site, and continued the installation of turbine foundations. By mid-September, one third of the turbine foundations (20 of the total 60) had been installed in the sea bed.

Work has also begun on the installation of the power cables between the turbines and, as more foundations are installed during the coming months, further cable-laying work will take place – both between the turbine foundations and the offshore substations, and from the substations back to shore.

The final major activity on the site is the installation of turbines. The four-legged jack-up vessel 'Sea Worker' will soon be starting work, helping to install turbines on the completed foundations.



Boats & Barges

E.ON is using a variety of vessels to build the Robin Rigg Windfarm. Here are some of them:

- 1. MV Resolution** - A purpose built windfarm construction vessel. This six-legged self propelled jack-up vessel is being used to install the foundations for the wind turbines.
- 2. Sea Worker** - A four-legged jack-up barge that we are using to install the wind turbines.
- 3. Sea Energy** - A special purpose crane-ship used to deliver the turbine towers and blades from Belfast to the construction site in the Solway Firth
- 4. UR101** - A 90m long cable laying barge used to install the offshore cables on the project.
- 5. Solway Spirit**
The 'Solway Spirit' is a purpose built aluminium windfarm support vessel. She is 45' long and has a top speed of 26knts. She was built by 'South Boats' on the Isle of Wight and arrived on site in August 2008. She is the first vessel E.ON have commissioned specifically for windfarm support. Solway Spirit E.ON has a crew of two and seating for 12 passengers she is highly suited for the role she will be playing here at 'Robin

- 6. Windcat 3**
The 'Windcat 3' is a chartered vessel supplied by 'Windcat' Workboats. She is an aluminium catamaran with 45' hull and a top speed of 26knts. She has seating for 12 passengers and 2 crew. Her role will be identical to the 'Solway Spirit'. Both the Solway Spirit and the Windcat 3 are currently being used for survey work before starting to commencing their role as maintenance support vessels.
- 7. Terramere** - A 24m long dive vessel used by diving crews supporting the construction project.

The final vessel in our fleet is the rib, 'Rocket Robin' which will be used to relay stores and paperwork to the wind farm when the support vessels are on station. She will also be used in emergency situations as a fast response craft. She has a top speed of 45knts and can carry 4 passengers plus the captain. It is fully MCA coded and is a welcome addition to the 'Robin Rigg' fleet.



The Robin Rigg Team shape up and raise funds for the local RNLI

The Robin Rigg operations team is taking shape, the team that will ultimately run the windfarm have been very busy since the last issue of Tidelines. The finishing touches are being made to their new operations facility at the Port of Workington. This is the onshore base for the windfarm, it represents over £1m of investment and will create at least 40 jobs to support the ongoing operations and maintenance of the windfarm.

The team continue with their training, familiarising themselves with the wind turbines which are currently in Belfast awaiting installation.

They recently joined forces with Workington RNLI for some teambuilding on Windermere. The event took place at the end of September when teams were challenged to swim in the lake, a kayaking race and a raft race finale.

The event, organised by Lakes based company Impact International, was well supported by teams across the whole of E.ON from Robin Rigg Workington down to E.ON head office and power stations in the Midlands across to the North East of England. In addition to it's overall success the event raised £1200 in funds which were donated to the local RNLI.

