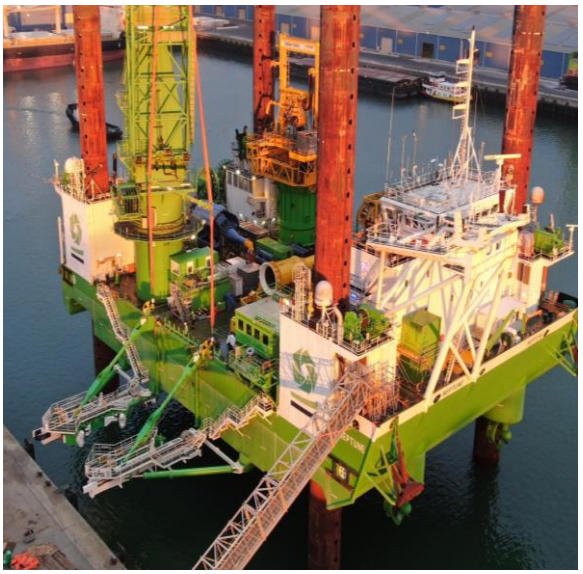
Hinkley Point C - Monthly Update

A round up of the latest news from Hinkley Point C

Final phase of Hinkley Point C's offshore work begins



Two floating heavy lift platforms have arrived into the Bristol Channel, as the offshore work moves into its final stage.

The vessels, named "Neptune" and "Sea Challenger", will be used to link the existing tunnels with the intake heads on the seabed. The link will allow seawater to flow through the power station's cooling water system.

Six vertical shafts will be installed at depth of more than 20-metres – and will connect the six miles of tunnels and the intake and outtake heads. These 5,000-tonne structures were lowered onto the seabed last summer and will circulate water to the two nuclear reactors.

The platforms' cranes have a combined lifting capacity of 1,500 tonnes. At 132m, the "Sea Challenger" is longer than a football pitch, and "Neptune" is 60m long.

HPC visits local schools for British Science Week

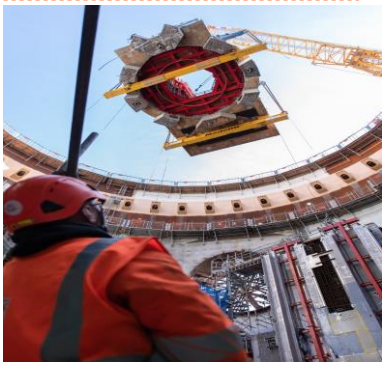
The Visits Team attended various Somerset schools as part of British Science Week. This was a 10-day celebration of science, technology, engineering and maths (STEM) organised by the British Science Association and was a great opportunity to inform and inspire the next generation.

Over the course of two weeks, the team delivered interactive workshops and assemblies, suitable for the audience at each school.

Pupils were invited to consider what we use electricity for and how we can make it. James Mansfield, Education Specialist, Hinkley Point Visits Team, outlined the fundamental physics, chemistry and biology that helps us to make electricity safely via a nuclear reactor.

Students were thrilled as the project's Education Specialist, James recited almost the entire periodic table in under 90 seconds; presenting to them some of the challenges that our chemists have on site.

Big Lift Success



April started with one of the largest and most challenging lifts seen so far. Big Carl successfully lifted the Reactor Cavity and Core Internal Storage Pool, which was in excess of 700 tonnes.

Lying at the heart of our Reactor Building, the Reactor Cavity and Core Internal Storage Pool provides a tank of water that completely covers the Reactor during refuelling and maintenance. This means it can be safely opened when needed, with the water providing a vital layer of shielding to our operatives as they handle nuclear fuel assemblies and other internal components.

Find out about the latest progress being made on site and what's happening in the local community in the Spring 2023 edition of Plugged in - https://www.edfenergy.com/energy/nuclear-new-build-projects/hinkley-point-c/local-community

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