

Hinkley Point C - Monthly Update

A round up of the latest news from Hinkley Point C.

Last week saw the successful completion of a major concrete pour on the Nuclear Island, the area that will host the nuclear components at Hinkley Point C. This is the second major pour to be completed on Reactor 1's Inner Containment Wall. The Inner Containment is the circular concrete structure which sits on the outside of the leak-tight steel liner that will enclose the nuclear reactor.

This mammoth 31 hour pour began at 17:30 on Monday 06 September and finished in the early hours of the morning on Wednesday 08 September.

Prior to the concrete pour, weeks of work took place installing 230 tonnes of rebar to form the structure. This was the second 'lift' of concrete out of eleven that will form the Inner Containment.



Did you know?

Several buildings are located on the 'Nuclear Island' area of the plant. They all stand on a large reinforced concrete slab designed to withstand major earthquakes.

This month General Electric (GE) began installing spring-boxes at the top of the columns of the turbine hall ready for the 'table' to be constructed, which will hold the world's largest steam generator – the Arabelle turbine. These springs work in a similar way to a shock absorbers on a car, dampening the vibrations from the turbine so that it does not carry down the columns into the raft below.

The turbine is crucial to the power station, taking steam from the Reactor Building and converting it into electricity. The rotating turbine shaft is directly connected to a generator rotor and as this spins it generates 1.6 gigawatts of electricity. The two reactors at Hinkley Point C will supply enough low carbon electricity for 6 million homes.

Hinkley Point C Recruitment Event- Find out about the latest opportunities on the Hinkley Point Project and talk to the team:

Wednesday 6 October 2021
17:00-20:00

Somerset County Cricket Club, The Cooper Associates County Ground
Taunton, TA1 1JT

Scan the QR code to sign up



Get in touch

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