

Big cranes lifting Big cranes

With the majority of heavy lifts completed in block one (boilers 11 and 12) the first of the giant lift cranes, number TC11, is being dismantled from its current location in waste bunker number 1. It will be reassembled in the bottom ash storage depot where it will support construction of block two (boilers 23, 24 and 25) These gigantic luffing cranes can lift 100 tons and are well over 100 meters tall when fully elevated. There are four of these Yongmao cranes operating at the DWE project site and a further 50 or more smaller cranes and mobile elevated work platforms regularly to be seen operating here. Assembling and disassembling these monsters requires equally big cranes, and a additional mobile luffing crane has been assembled to dismantle and relocate TC11. These luffing cranes use counterweights that are loaded onto the rear of the crane, depending on the weight of the object to be lifted. With the additional weights added steel cables attached to powerful winch motors haul the load up and down. As well as lifting and lowering, these cranes are mounted on a central turntable that allows 360 degrees of motion. **TC number 11 being dismantled**

