

NEWS RELEASE

Explosive Demolition of Munmorah Power Station Boilers

Liberty Industrial carries out the controlled explosive demolition of Munmorah Power Station Boilers

7 February 2018 - The final boiler and coal hopper structures at Munmorah Power Station were demolished today using controlled explosive demolition techniques. The demolition was carried out around 9am this morning.

The boilers are the largest demolished in NSW so far. Weighing in at 32,200 tonnes and 60 metres in height the combined boilers and coal hoppers are amongst the heaviest structures to be demolished using explosives in Australia.

Contracted to carry out the demolition of the entire power station, specialist contractor Liberty Industrial used a controlled blast to bring the boilers down. Following the successful demolition of the chimney stacks in March 2017 and boilers 3 & 4 in May 2017, the blast is the last explosive demolition event to be carried out during the course of the power station's removal.

The demolition of the 60 metre high, 32,200 tonne boiler house was achieved utilising an engineered induced collapse technique. The process involves a carefully designed and calculated sequence of structural pre-weakening followed by the detonation of strategically placed explosives charges to collapse the structure in a predetermined direction. The technique was used to safely reduce the structure to suitable height for mechanical processing.

Liberty Industrial's giant demolition excavator will be put to work processing the debris. The machine boasts the largest demolition shear anywhere in the world and will make light work of the large steel members associated with the heavy boilers.

Liberty Industrial Director Simon Gill praised the project team for their efforts. "Wonderful to see the final explosive demolition event safely completed at Munmorah Power Station, our site team has worked tirelessly over the past 3 months preparing for this event. The success of this event is testament to their dedication and hard work, and further highlights Liberty Industrial's capability in the field of explosive demolition."

Stephen Saladine, Managing Director of Generator Property Management said, "As we near completion of the demolition of the former Power Station site, it's timely to acknowledge the great work of the team that has managed and executed these events. This team is made up of local and international experts with highly specialised knowledge. Ensuring all checks are made and key stakeholders are informed of the progress is an integral part of the process, and GPM continues to work closely with authorities to achieve a safe and environmentally responsible outcome."

One final major demolition event is planned for 2018, the completion of the removal of the power station is expected to be finalised by October 2018.

Boiler House Units 1 and 2 Demolition Facts

- The demolition was achieved using an engineered induced collapse technique involving structural preweakening followed by the detonation of strategically placed explosives charges.
- The demolition of Munmorah Power Station Boiler House Units 3 and 4 was carried out on Sunday the 21st of May around 10:00am AEST. These were the largest boilers to be demolished in Australia to date at that time.
- Liberty Industrial's team has been systematically demolishing the redundant Munmorah Power Station in Colongra NSW since July 2016
- Generator Property Management and Liberty Industrial have been working with SafeWork NSW and the site meets all relevant State and Local Government requirements
- One final major demolition event is planned for 2018 with the demolition of the remaining turbine house structure.

About Liberty Industrial

Liberty Industrial is a leading provider of deconstruction services serving government, mining, oil and gas, power generation sectors and other heavy industrial and commercial entities Australia wide.

Liberty Industrial has built a strong reputation for delivering large scale and technically complex deconstruction projects for government and private sector clients and has received international recognition for the delivery of some of Australia's largest and most technically challenging demolition projects ever undertaken.

Available for Interview

Liberty Industrial Director, Simon Gill is available for interview and can be contacted on +61 428 117 677 or at simon@libertyindustrial.com.au or Stephanie Fox, Marketing Manager Liberty Industrial +61 437 476 922 stephanie@libertyindustrial.com.au

Generator Property Management Managing Director Stephen Saladine is available for interview please contact Brooke Simmons Founder, Pursuit Communications - 0407 780 710 or brooke@pursuitcommunications.com.au

Video

Footage of the demolition will be provided via email following the blast event. Please get in touch if you require further detail.

Credit: Smooth Motion Media