

AUGUSTA POWER STATIONS DECOMMISSIONING PROJECT

Information Sheet – 7 November 2016



PLAYFORD A STATION DECONSTRUCTION

Over the last few months, the skyline of Playford A Station has been slowly changing. In September the stack and coal line was demolished. October saw the demolition of the coal bins. The landscape is about to change again with the Playford A Power Station building being deconstructed over the next few months.

The **90MW** Playford A Power Station was commissioned on reclaimed land at the northern tip of Spencer Gulf in **1954**.



Original Playford A Power Station

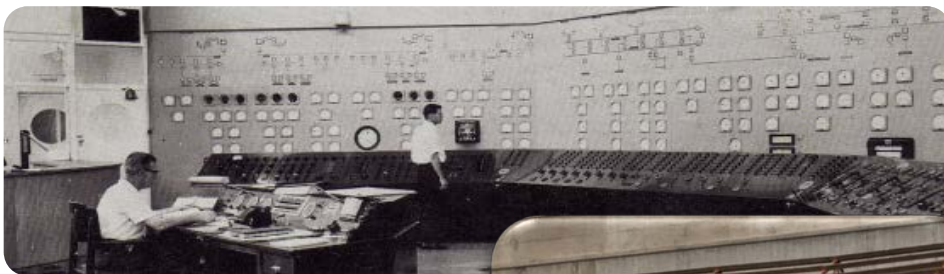
Playford A Power Station was the first South Australian Power Station to use local fuel exclusively. Prior to this coal had to be imported from other states.

Upon commissioning, Playford A Power Station was installed with a capacity of **90,000** kilowatts with three **30,000** kilowatt turbo-alternators and six **175,000** pounds per hour boilers.

The control room was state of the art at the time, now it is only a shell.

PLAYFORD A POWER STATION DECONSTRUCTION SEQUENCE

Stage 1	Site Setup, Establish Active Demolition Zones (ADZ)
Stage 2	Isolate Power
Stage 3	ElectraNet Pilot Line
Stage 4	Hazardous Materials Removal
Stage 5	Conveyor Structure Demo Stage 1
Stage 6	Conveyor Structure Demo stage 2
Stage 7	Install Stack Fell Protection
Stage 8	Prepare Stack for Charge Felling
Stage 9	Fell Playford A Stack
Stage 10	Playford B Office Internal Strip Out
Stage 11	Playford B Office Demolition
Stage 12	Playford A Office Internal Strip Out
Stage 13	Playford A Office Demolition
Stage 14	Maintenance Workshop Internal Strip Out
Stage 15	Maintenance Workshop Demolition
Stage 16	Playford A Station Demolition
Stage 17	Playford A Basement Backfill



Playford A Power Station Control Room 1954

In **1959** work proceeded on the erection of a concrete stack **260** feet high which replaced the existing stacks with the aim to carry the exhaust gases high enough to clear the township of Port Augusta. On **9 September 2016** this stack was felled.



Playford A Power Station Control Room 2016



Playford A Power Station Original Stacks



Playford A Power Station Stack Felling – September 2016

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