



Power Plant Retrofit and Modernisation

Ageing power plants worldwide are operating beyond their intended design life. We support power plant operators to improve operational efficiency. This includes the evaluation of plant improvement and upgrade programs to maximise the plants ROI, keeping them compliant, competitive, efficient and reliable.

Our expertise spans all types of equipment and all forms of fuel. We can give confidence to power plant operators and owners that the value of their assets will be restored to the most productive level appropriate to the business conditions in which they are operating.

Plant Performance

We will review your current plant condition, examine levels of system redundancy, and advise where best to invest for the most profitable balance between risk and reward.

Plant Rehabilitation

Our plant rehabilitation engineers are specialists in evaluating and upgrading generation plant to prolong asset life and improve performance. We have experience in refurbishing power stations around the world. We can devise and implement investment strategies that deliver enhanced asset value.



Your Benefits



- Optimise your plant's output and performance
- Maximise your plant's reliability and efficiency
- Reduce emissions
- Maintain your asset and ensure fitness for service and safety



Our Scope

Plant improvements

- Technical survey and analysis of best Return On Investment (ROI) solution for matured plants
- Conversion, rehabilitation, retrofit, upgrade and lifetime extension of components or total plants
- Plant performance evaluation and recommendations of improvements

Asset Integrity Management

- RWE experts provide customized solutions for development, implementation and management
- Risk Assessment (HAZOP), fit for service, remaining life calculations and document management
- Risk based and field inspections and non-destructive testing (NDT) and material testing
- Verification of security, emergency and protection systems

Technical support services

- Outage management, trouble shooting and root-cause analysis
- Verification of engineering designs and workshop support

