

## Performance Test Services

An independent and reliable view of your assets' performance can give you that important advantage when it comes to make decisions on asset life extension, upgrades or pre- and post outage performance.



- Testing of component and facilities
- Calibrated, high accuracy test equipment
- Witnessing of third-party tests
- Development of test procedures
- Performance and modernisation consultancy and advise
- Training courses and seminars

STF ENERGY's performance team can provide this assurance by offering a professional, reliable and totally independent performance validation of your asset.

Our engineers have accumulated their expert knowledge through work on all major manufacturer's models in production today and have been involved in performance testing on power station worldwide.

With access to a team of over 60 senior power station experts and consultants – supported by experienced contractors as required – STF ENERGY can also provide performance and modernisation consultancy on all types of conventional power stations including:

- Gas turbine power plants in simple and combined cycle mode
- Combined heat and power plants
- Coal and oil fired power stations
- Power plant components e.g. boilers, turbines, heaters, pumps, condensers
- Desalination plants

Our calibrated, high accuracy test equipment enables us to achieve measurement uncertainties of  $\pm 0.5\%$  and  $\pm 1.0\%$  for power output and heat rate respectively for a typical performance test. Although high precision, STF ENERGY's test equipment is compact and easy to install, thus ensuring a high grade of flexibility regarding test locations and transportation.

Whether you want carry out an annual test with limited instrumentation, verify the benefits of a major outage with pre- and post outage tests or would like to ensure that your new asset meets its performance guarantees – contact us with your requirements and we will provide a competitive quote tailored to meet your individual needs.

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