Solar Turbines

A Caterpillar Company

FLEET ASSESSMENT SERVICES

LIFE CYCLE MANAGEMENT PROACTIVE MANAGEMENT OF OBSOLESCENCE RISK

There are more than 15,000 Solar[®] gas turbine engines operating around the world providing critically needed energy for a growing population.

The majority of Solar equipment is installed in mature fields and has been in operation for more than 15 years. For customers with older equipment, obsolescence can often be a notable contributor to unplanned and extended downtime. As a result, there has been an ever increasing demand for OEM consulting services to help evaluate equipment obsolescence risk.

Fleet Assessment Services (FAS) is Solar's premier consulting service for evaluating turbomachinery equipment condition. FAS provides customers with the data and analyses they require to make intelligent business decisions. Solar's dedicated team of FAS engineers has tremendous expertise in all the various configurations, applications and vintages of Solar equipment. For customers operating equipment with antiquated technologies, FAS conducts a complete and thorough field audit of the installed turbomachinery equipment so customers can proactively identify and manage obsolescence risk.

Gathering the detailed equipment data from the site upfront is a critical first step that can pay back dividends. Quality data is truly the springboard to intelligence. It is only after the equipment information is compiled and analyzed that site issues are clearly understood and clever, cost-effective solutions become apparent. FAS specialists carefully review customer equipment at a system and component level in order to precisely determine the serviceability options for older turbomachinery configurations and technologies.

A planned and methodical approach to life-cycle management allows customers the flexibility to continue reliable operation of their equipment while proactively sourcing spare components, refurbishing old hardware and managing obsolete turbomachinery systems.

Safe, dependable operation of Solar turbomachinery is of paramount importance to our customers, and FAS is ready and available to support our customers around the world with detailed equipment evaluations, careful analyses and creative engineering solutions.

For more information on how Solar Fleet Assessment Services can provide intelligent, cost-effective equipment optimization and refurbishment solutions for your Solar fleet, please contact your local Solar Sales Account Manager.

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