



FLEET ASSESSMENT SERVICES

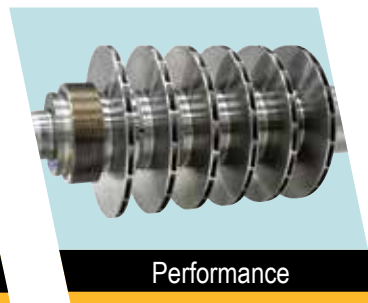
TURBOMACHINERY CONSULTING FOR THE OIL AND GAS INDUSTRY



Safety



Reliability



Performance



Life Cycle Management

Solar® Turbines
A Caterpillar Company

OEM SUPPORT FOR THE LIFE OF YOUR EQUIPMENT – YOU CAN RELY ON US....

Fleet Assessment Services is a proven provider of world-class consultative services

Solar Turbines is committed to continued OEM support of the over 14,500 gas turbine units installed around the globe. The introduction of Fleet Assessment Services (FAS) is a reflection of this commitment. FAS offers Solar customers a comprehensive portfolio of consultative services. Combined with OEM insight, FAS can dramatically improve the safety, reliability, and integrity of aging turbomachinery equipment.

There are numerous ways to look at equipment in mature fields. Solar's FAS team of professionals works closely with customers to bring new ideas, extensive turbomachinery experience, and modern technology together with the customer's operational objectives. Solar FAS employs a dedicated group of equipment and operations analysts to review entire customer fleets of gas turbine equipment. This worldwide team of experts has valuable technical field experience and can be dispatched to the harshest offshore and onshore environments in order to provide customers with accurate, detailed, and comprehensive consultations.

The older the equipment is, the less reliable it tends to become, and who better than the OEM to advise you on turbomachinery optimization and restoration? As a team, we can extend the economic life of your equipment.



Step 1 - Site Assessment

Risk Identification

On-site data is collected by experienced Solar FAS field engineers. FAS engineers review each system of the installed Solar equipment, discuss operational issues with customer personnel at site, and take a complete photographic record of the turbomachinery package, subsystems, and ancillary equipment.



Step 2 – Data Analysis

Risk Evaluation

FAS analysts prepare meticulous Turbomachinery Baseline Assessment Reports. The reports provide a detailed system-by-system analysis of condition and obsolescence risk. As well, the reports document critical unit data, equipment performance, Service Bulletin compliance, and customer work order history.



Step 3 – Presentation

Risk Mitigation

Through a consultative approach, FAS analysts present the equipment findings in a workshop setting. Customers and Solar collaboratively discuss solutions, and together, arrive at intelligent data-driven decisions to address equipment safety, reliability, performance, and life-cycle management.



FLEET ASSESSMENT SERVICES



Fleet Assessment Services provides fleet owners with OEM expertise and a thorough quantitative analysis of Solar equipment condition and risk... thus empowering fleet owners to make strategic decisions regarding equipment restoration and life extension. Together we can improve the safety, reliability, performance, and life cycle management of your entire Solar fleet.

FLEET ASSESSMENT SERVICES PRODUCT PORTFOLIO



Baseline Assessment



Safety System Review



Obsolescence Study



Turbine Performance



Compressor Performance



Parts Inventory Analysis



Service Bulletin Compliance

Working closely with customers, FAS focuses its attention on delivering cost-effective turbomachinery optimization and restoration strategies that are planned, strategic, and pro-active. The solutions are consistent with customer objectives, budgets, and outage schedules and are measurable through improved safety, reliability, and profitability. Using a holistic approach, as opposed to examining one turbine unit at a time, FAS designs strategies that take into account the “big picture”. This fleet level approach yields improved standardization across customer Solar fleets, smooth project execution, reduced service parts inventory requirements, and significant cost savings.

Health, Safety, Security and Environmental (HSSE) Management System

Solar is committed to manage our business with core values of:

“No harm to people, assets, and the environment”

Solar’s comprehensive HSSE management system provides leadership and a systematic approach to managing “loss control” that ensures HSSE is integrated into your business. Our mission is to provide the guidelines, training, processes, and support to enable injury-free work. Our vision is to have a fully-engaged workforce that sustains zero injuries by embracing the HSSE Management System.

Wherever You Are, We’re Close By

For more information, please contact

Solar Turbines Incorporated
Customer Support Center
9330 Sky Park Ct.
San Diego, CA 92123

Phone: +1 (619) 544-5352

Or find your nearest Solar field office at www.solarturbines.com



Solar Turbines can extend the life of your existing equipment in order to keep gas flowing and platforms producing.