

INTEGRATION CONSULTATION SERVICE

Do you need site consultation for your upgrade? Is downtime a key performance indicator for your upgrade? Do you want someone experienced in controls upgrades supporting you and your contractor with your upgrade? If so, then Solar's Integration Consultation Service (ICS) is the right choice for you.

Solar Turbines offers worldwide, regionally-based, pre-installation consultation for your package system upgrade or controls system retrofit projects. The purpose of ICS is to work with you and your contractors to develop a field execution plan to ensure the smooth installation of the project work scope in an effort to minimize turbine downtime. Solar utilizes highly trained and experienced Field Project Engineers (FPEs) to provide this consultation service.

Included Scope:

Solar® gas turbines, compressors and control systems are designed and built to run for decades in applications critical to oil and gas, power generation, and other industrial and manufacturing facilities. As technology has continued to advance, Solar has been there to support its customers with the latest in control system retrofits and system upgrades. These renewal projects are inherently complex, requiring the decommissioning of old systems and subsequent installation of new mechanical, electrical and controls hardware. To reduce costly disruptions, ICS offers you a focal point of contact to assist you in achieving successful completion of the upgrade you purchased. Also included is on-site support to help you coordinate the work your electrical, mechanical, and lifting and rigging contractors will be doing with the Solar installation crew.

After the project is booked, the FPE will visit your site to provide specific guidance on your application. The primary focus of this visit is to review the overall scope of work to ensure it meets your expectations and that you are aware of the scope to be completed by you for the integration of the purchased upgrades. Additionally, we will review the project time line and expectations with you.

During the engineering phase of the project, you will receive a work scope document that will provide detailed instructions on what needs to be done to support the installation of the upgrade. The objective is to have your scope approximately 85% completed before the Solar installation crew arrives. This document will include:

- Cable/conduit routing recommendations
- A list of any special tooling required
- Description of on and off skid modifications required to support the upgrade
- Depictions of the new hardware locations

A second site planning meeting occurs when you have all your contractors ready to review their work scope as described in the work scope document. The FPE will also work with you to plan and schedule resources as necessary and will walk through all aspects of the project, discussing the tasks to be performed with the relevant parties. This planning meeting will typically last one day.

Prior to the arrival of the Solar installation crew, the FPE will visit the site to ensure everything is in place to make the installation time as short as possible. During this site visit, the following will be performed:

- Ensure all pre-work is complete
- Review inventory and order any missing/damaged components
- Stage the inventory in the best location to reduce installation time
- Ensure all necessary work permits are in place

The FPE will remain on site for several days once the installation team arrives to guarantee a smooth transition for the installation and commissioning teams.

The Integration Consultation Service is also scalable. If you decide you require more or less guidance or interaction with the FPE, we can accommodate your needs. Contact your Solar Account Manager for more details.



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FOR MORE INFORMATION

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