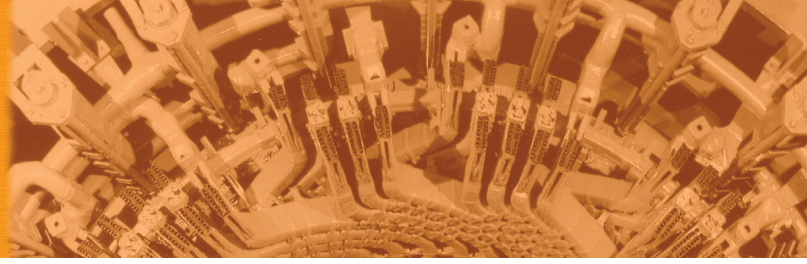


Gas Station™



Power utilities and independent power producers are increasingly concerned with upfront and capital expenditures and subsequent on-site engineering and installation costs. They also require accurate, real-time monitoring information so that unit efficiency and generator performance can be maximized — and downtime minimized. The E/One Gas Station addresses each of these concerns and allows plant operators, together with E/One, to configure targeted solutions for original equipment supply and retrofit applications.

The E/One Gas Station is a modular approach that combines monitoring and control systems into a single integrated platform, customized to meet specific site requirements and budget parameters. Gas Station modules include:

- Main gas supply manifold and associated controls
- Gas purity monitoring
- Overheat monitoring
- Dew point monitoring
- Gas drying
- Partial discharge monitoring
- Seal oil system monitoring and control
- Customized annunciator panels

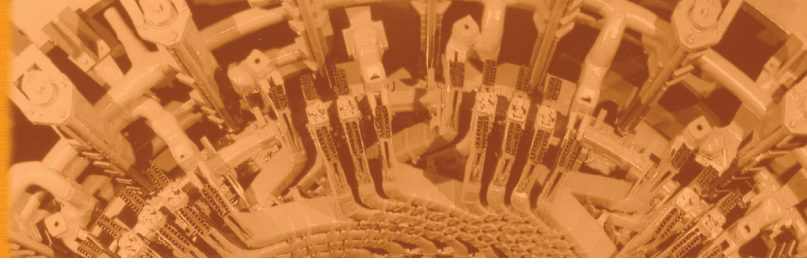
Features & Benefits

- Flexible, cost-efficient approach to gas monitoring and control systems
- Modularity couples best of technology with reduced installation and on-site engineering costs
- Customized to meet specific needs and budgets
- Hazardous area designs — compliance with national and international requirements



Typical Gas Station configuration — main gas supply and control, purity and overheat monitoring, and gas drying

Gas Station™



Gas Station Modules



Generator Auxiliary System (GAS)

Used in conjunction with E/One's main gas supply manifold, provides local display of critical gas supply parameters, including supply pressures, case and differential pressure. May be supplied with digital displays in place of gages.



Generator Gas Analyzer (GGA)

Provides continuous monitoring of hydrogen and purge gases for efficiency and safety.



Generator Condition Monitor (GCM-X)

Provides early warning of generator hotspots, which can lead to catastrophic failure.



Generator Gas Dryer (GGD)

Removes moisture and contaminants from cooling gas, reducing threats of corrosion and windage losses.



Auxiliary Systems (AUX)

Customized to meet specific requirements and often include seal oil system and/or stator water system monitoring and site-specific annunciator displays.



GGA and GCM-X Dual-Module Gas Station

The popular two-module GGA/GCM-X Gas Station combines continuous gas purity monitoring throughout all phases of operation, with early warning of overheat monitoring. An ideal retrofit configuration in support of generator life extension.

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