Enabling on time start up and compliance with low project risk and long term asset support

Biomethane to Grid injection solutions
Expertise and support from the global leader in automation
Reduce project complexity, ensure safe and consistent production and lower lifecycle costs

Biomethane injection into the grid is helping to contribute towards meeting the European Union renewable energy targets and is showing the highest level of growth of any gas market in the world. New biomethane projects need to be brought on stream on time and within budget. Gas must then be produced safely and to the required standard.

Selecting the right automation supplier is critical to the success of a new project. It is important to look for a company that can provide a complete solution that is compliant with current legislation, as well as offering lifecycle support to ensure continued top quartile performance. Installed equipment must support maximum plant availability by helping to avoid any unplanned downtime, thereby generating a greater return on investment.

Your challenges

- Multiple vendors
- Complex contracts
- Service levels lacking

Our solutions

- Single supplier for complete system
- Proven technology
- Lifetime asset support

- On time delivery and budget
- Compliant with regulations and challenging legislation

- Full time design expertise
- Design according to European standards
- Dedicated project resources

- Need to maintain availability
- Avoid unscheduled downtime
- Quicker return on investment

- Established pressure regulation and odorization solutions
- Lifecycle service
Biomethane skid solutions from a single supplier

Emerson offers a complete portfolio of solutions that address all your biomethane injection skid requirements. Partnering with a single supplier that understands your challenges and provides support at every step helps reduce project complexity, ensure your process complies with safety legislation and European regulations and reduces maintenance in the long term.

Emerson’s technology ensures safe gas production to desired quality standards. This includes gas chromatographs that set the industry standard for accurate online analysis, fiscal metering equipment to measure gas volumes, class-leading pressure control equipment to prevent over-pressurisation and odorization systems to enable safe injection.

Emerson can support you from the concept design phase through the lifetime of your asset.

Pressure regulation and odorization
- Pressure regulators
- Slam shut valves
- Pressure measurement
- Odorization system
- Flow measurement

Network compliant analyser enclosure
- Fully compliant gas quality measurements
- Metrology approved gas chromatograph
- Proven sample conditioning system

Control communications enclosure
- Complete SCADA solution
- Flow computer
- UPS
Solving the process industry’s challenges, with predictable success, any time, any place

**Measure & Analyse**

The broadest range of measurement and analytical technologies for process clarity and insight.

**Operate & Manage**

The systems and tools that provide the decision integrity to run your operation at its full potential.

**Final Control & Regulate**

Highly reliable final control technologies to help your regulate and isolate your process with certainty.

**Solve & Support**

Expertise and global resources to help you dependably define, execute and support a strategy throughout the lifecycle of your operation.

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