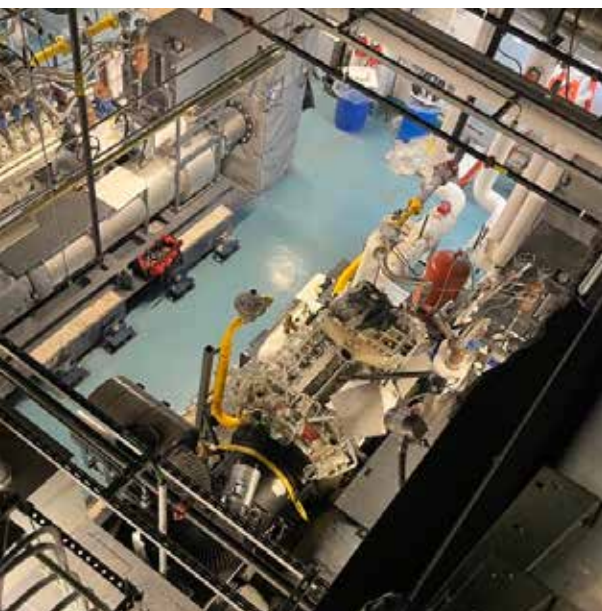




CoGeneration Statement Of Qualification

Coolsys Energy Solutions offers a full suite of solutions, from energy supply resilience to energy consumption optimization for businesses across the US. With 60+ branch locations nationwide, 100+ engineers licensed in all 50 states, and over 2500 technicians, Coolsys has designed, installed, operated and maintained hundreds of CHP systems across the US.



Offering a seamless experience, Coolsys delivers the convenience of a single point of contact for CHP systems across the US. We are OEM agnostic, allowing us to design a solution tailored to your unique needs. From design and installation to ongoing maintenance, full plant balance and monitoring, CoolSys delivers customized CHP solutions tailored to meet the unique needs of your operations. In addition, CoolSys offers the convenience of a dedicated account manager, backed by a skilled team of engineers and technicians. Together, they ensure maximum system performance, reduced costs and lowered emissions.



CoolSys co-generation solutions include:

- ✓ Site assessment, feasibility studies and incentives management
- ✓ Bridge-to-Grid solutions for seamless energy transition and grid integration.
- ✓ System design and sourcing
- ✓ Installation engineering
- ✓ Installation conceptual design and budgeting
- ✓ Long-term maintenance and emergency repair services
- ✓ 24/7/365 monitoring
- ✓ Installation, start up and commissioning
- ✓ Ability to purchase the systems outright or leverage the ERaaS option which requires zero capital outlay

CoolSys brings extensive expertise in Combined Heat and Power (CHP) systems, specializing in the design, installation, and maintenance of reciprocating engines delivering between 10 KW to 4.5 MW each. With an impressive 98% individual engine availability capability, even when operated more than 40,000 hours, our solutions have proven to provide unmatched reliability and efficiency to clients across diverse industries, including data centers, healthcare, education, wastewater treatment, multifamily housing, manufacturing, and more.



CoolSys Combined Heat & Power (CHP) systems are engineered to deliver measurable performance improvements in energy efficiency, emissions reduction, and operational reliability:



Energy cost savings of 20–25% on average, compared to conventional energy sources



Emissions reductions of 20–50% relative to grid-supplied electricity



Annual system availability of 93–100%, supported by comprehensive maintenance programs



Coolsys provides 24/7/365 CHP remote system monitoring, ensuring issues are quickly identified and addressed by experienced technicians at any time of day or night. Our advanced solution enables us to diagnose problems, resolve them remotely in real time, or disseminate clear instructions on how to handle repairs on-site to local teams or dispatch our skilled team of technicians. In the event of an unplanned shutdown, solutions are usually delivered in 30 minutes or less, minimizing downtime and ensuring seamless operations.

CoolSys CHP Customers Include:



GREYSTAR™



centrica
Business Solutions

Monitoring Centers:



| Services | Contract Structure | Description | Area Covered |
|---|--|--|--------------|
| CHP and Generator Preventative Maintenance | <ul style="list-style-type: none"> • MAC Contract • Proposal | This service includes pre-defined routine, scheduled maintenance. Typically follows engine or CHP packager OEM requirements. Frequency based on engine operating hours; monthly or bi-monthly site | National |
| Engine Overhauls | <ul style="list-style-type: none"> • MAC Contract • Proposal | Overhauls involve a detailed inspection, disassembly, cleaning, repair, and replacement of critical engine components that are subject to wear and tear over time. This service is essential for extending the engine's operational life and optimizing efficiency, especially for engines that have accumulated significant operational hours. Frequency is every 2.5 - 4 years per engine. | National |
| Corrective Maintenance | <ul style="list-style-type: none"> • Proposal • T&M | Focused on quickly diagnosing and repairing any issues that arise. This includes replacing faulty components, troubleshooting performance issues, and restoring the engine to full operation with minimal downtime. | National |
| CHP Monitoring | <ul style="list-style-type: none"> • MAC Contract | 24/7 remote monitoring with secure cloud-based data storage and analysis. Predictive maintenance alerts for potential engine failures based on data trends. M&V Required by incentive programs to document compliance. | Global |
| Consulting Service | <ul style="list-style-type: none"> • Proposal • T&M | CHP Efficiency Optimization, Energy Audits, Commissioning Oversight, Re-Commissioning, Emissions Test Support, HRSG Performance Evaluation. PE licensed in all 50 states. | National |
| Turnkey Energy Source Installation, e.g. CHP, Gas Heat Pump, HRSG | <ul style="list-style-type: none"> • Proposal | This service offers end-to-end management for installing High Efficiency Energy Sources. It covers all stages of the project, from the initial feasibility study and design to final commissioning and client training. The goal is to deliver a fully integrated energy solution that maximizes efficiency, shortens ROI, and aligns with sustainability | Regional |

Whatever the sector, CoolSys delivers resilient energy solutions, significant cost and carbon emission reductions tailored to meet your needs.

For additional information or to assess how CoolSys CHP Systems can help you achieve energy resilience, while reducing costs and lower emissions, please contact :

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