

Resilient & Efficient Energy Solutions



Energy Service Agreement (ESA)

- Our client signs a contract to purchase the energy (electricity and/or heat/cooling) produced by a CHP (Combined Heat and Power) system
- ENER-G Rudox will fund all the costs associated with the implementation of the CHP project including operation & maintenance
- Since there isn't any capital outlay or risk for the client, it offers a faster route to implementation & immediate savings
- Continuous maintenance/aftercare costs are covered under the agreement
- Guaranteed savings are part of the contract



Build, Own & Operate (B.O.O.)

- **Feasibility:** Studies and specifications are completed by ENER-G Rudox
- **Design:** Our in-house design team uses the latest CAD technology to design and implement a CHP system
- **Manufacture:** Our energy technology products are produced in Carlstadt, NJ at our state-of-the-art manufacturing center
- **Construction Management & Site Engineering:** ENER-G Rudox provides detailed information and specifications that fully integrate the CHP system with the building, resulting in a smooth turnkey process
- **Project Management:** We offer swift project delivery, total product design, manufacture, testing, installation and commissioning as well as coordination with utilities and local authorities
- **Operation and Maintenance:** We keep your CHP running 24/7 with our remote monitoring and maintenance programs
- **Integration:** Projects can include standby generation to maximize resiliency



Self-Financed Projects

- Self-financing allows businesses to claim Investment Tax Credits (ITC) against business profits, from the turnkey cost of the CHP/CCHP system
- This can include only the CHP/CCHP equipment or the full scope of the project including ECM's (Energy Conservation Measures)
- We offer a service package that will operate and maintain the system throughout its life cycle
- Options can be specifically tailored to individual requirements regardless of the project size, cost or complexity



Holistic Solutions

- ENER-G Rudox can help with all aspects of your energy management
- We recommend and incorporate other techniques and technologies such as:
 - Solar systems
 - Water saving measures
 - High efficiency lighting systems
 - Boiler replacement/optimization
 - Pump & motor efficiency upgrades & optimization
 - ECM's (Energy Conservation Measures)

**65 Years of Experience in Power Generation - Cogeneration,
Prime Power, Emergency Rentals**

About ENER-G Rudox



ENER-G Rudox Inc., as part of the ENER-G Group, develops, delivers and finances sustainable energy solutions and technologies for the North American market. Founded in 1949, ENER-G Rudox is a “one-stop-shop” for all commercial and industrial energy requirements, and offers customers superior energy efficient Cogeneration CHP (combined heat and power) or CCHP Tri-Generation (Combined Cooling, Heating and Power) units with state of the art monitoring capabilities, stand-by power, emergency rental power, and many other energy efficient technologies and power systems.

ENER-G Rudox has been a leading full service manufacturer in the power generation business and has established a reputation of providing quality machines with responsive, reliable, personalized service at competitive prices. In 1984, ENER-G Rudox began designing, manufacturing, installing, operating, maintaining and financing systems from 4kW up to 10 kW fuelled by natural gas, syngas, biogas, propane, biodiesel or pure plant oil (PPO) in the Northeast. In 2013, Rudox Engine & Equipment Company merged with parent company ENER-G Group to expand the product line and market penetration. Together, the two establishments offer over 2700 installations worldwide and provide design services, equipment, installation and commissioning, ongoing operation and maintenance as well as in house financing options for their customers.

CHP customers using natural gas Cogeneration can provide a proportion of stand-by power (in the event of a utility failure) by operating in “island mode” and providing electricity/heating and cooling to their facility. Customers can benefit from a number of positive financial and environmental benefits (Energy Conservation Measures) while deriving cooling, heat and power functions. These systems are available via capital purchase, rental, or via Energy Service Agreements.

Along with the CHP business, ENER-G Rudox distributes generator sets, engines and power units from 2000 W to 10 megawatts; this includes 3500kW of standby power down to small portable generator sets. ENER-G Rudox has natural gas powered, continuous duty, and cogeneration generator sets for prime power operations using diesel, propane, gasoline and dual fuel engines. Industrial quality units are offered for sale or rental, and are followed with parts and service support. All products are built and tested locally in the northern NJ plant, only 15 minutes from NYC.

In house capabilities allow ENER-G Rudox to design and supply a system to meet the customer’s exact specifications. As a full service energy product provider, the firm can recommend and incorporate different techniques and technologies including solar power systems, boiler replacement/ optimization, water saving measures, pump & motor efficiency upgrades & optimization, and high efficiency lighting systems. All personnel are dedicated to providing the best in personalized service and custom designed options for all your power considerations.

ENER-G Rudox views the cogeneration business and associated monitoring, parts, rental and service businesses as principal businesses. ENER-G Rudox maintains one of the largest dedicated power generation rental fleets in the NE and effectively ensures that their customers are covered in a variety of scenarios or emergencies. Along with the full service options for the cogeneration business, ENER-G Rudox is able to offer customers pre-paid or T&M contracts for preventative and emergency service. Equipped with a full fleet of service vehicles, and 24/7 service capabilities, the Service Dept. is staffed with factory trained technicians, specialized in their field, who possess a wealth of experience in cogeneration, engine and generator repair work. Cogeneration unit and generator set service work can be performed during normal business hours and on a 24/7 emergency basis if needed.

©ENER-G Rudox Inc.

765 State Rt. 17, Carlstadt, NJ 07072

Tel: 201-438-0111

Fax: 201-438-3403

©ENER-G Rudox Inc.

1261 Broadway, Suite 608

6th Floor, NY, NY 10001

Tel: 718-551-7170

www.energ-rudox.com

chp@energ-rudox.com