

Combined heat & power — Providing reliability and control



Ease your energy concerns with CHP

Combined heat and power (CHP) and co-generation are just two of the most common terms referring to generating electricity and thermal energy from a single, highly efficient, and economically integrated system. CHP systems are located on or near your facility and satisfy all or part of your building's electricity requirements.

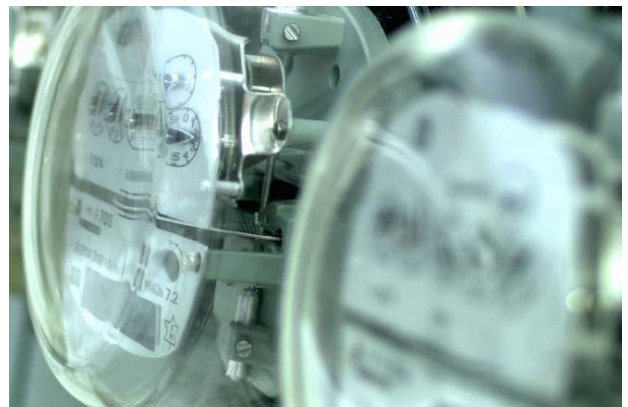
Conventional power generation converts on average only about a third of its fuel's potential energy into electricity, throwing off substantial heat during the process. The CHP system captures this wasted heat, achieving total system efficiencies of 75% to 85%, turning it into usable thermal energy for hot water, space heating, cooling, even dehumidification. A CHP system does this more efficiently, economically, reliably and with less harm to the environment than centralized, dedicated electric production.

Recent technological developments have made a wide range of cost effective CHP systems suitable for medium to large size commercial buildings. Many facilities with high, and year-round thermal loads are taking advantage of the benefits

offered by CHP including reduced emissions, utility costs, system redundancy and back-up.

System design options including design and build services, independent builder/owner/operators, and suppliers that offer comprehensive energy supply and services make projects affordable.

To determine if a CHP system is the right option for your building, contact us for more information. We can help you evaluate your options and offer solutions to consider for your CHP project.



For more information, please contact the Energy Services Department at **302.736.7894**.