

DELIVERING POWER WHERE FACILITIES NEED IT MOST

GEM Energy Combined Heat and Power systems are designed to increase power reliability and add redundancy to building systems. GEM Energy will conduct an audit of your facility to determine single points of power and HVAC failure, and complete a plan to remediate system weaknesses.



GEM ENERGY CHP SYSTEMS OFFER THE FOLLOWING FEATURES AND BENEFITS:

- Electric power modules, anchored by Capstone Microturbines, up to several megawatts
- Optional replacement of existing UPS system with hybrid turbines
- Chilled water modules in redundant configurations for facility cooling
- Optional hot water modules for domestic use or heating
- Facility energy reductions to meet institutional or corporate goals
- Power availability with natural gas fuel flexibility

POWER REDUNDANCY IS A SELF-FUNDING INSURANCE POLICY:

- Provides the first layer of electric power redundancy to critical loads
- Existing back-up generators can be used as a second layer of redundancy
- When used with existing uninterruptible power supply (UPS) and battery systems, your facility can remain operational indefinitely without grid electricity
- System produces exhaust energy that is used in chilled or hot water modules - use of this thermal energy reduces energy expenditures

