

Business

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Supplementary & Back Up Power - CHP

Power cuts are becoming more and more frequent. Large-scale are increasingly a realistic scenario. Even small outages can have disastrous effects on unprepared businesses. Power reliability is a critical issue for many customers, representing a quantifiable business, safety, and health risk to their operations. These risks often compel customers to install backup or emergency diesel generator sets, tying up significant capital in rarely used assets that require periodic maintenance and frequent testing.

CHP are a reliable and cost-effective alternative to installing unproductive backup generators to provide protection against extended outages. A CHP system is typically selected for a facility due to its ability to reduce operating costs and overall emissions.

However, power outage protection can also be designed into a CHP system that efficiently provides electricity and thermal energy to the site on a continuous basis. CHP systems can be configured in a number of ways to meet the specific reliability needs and risk profiles of various customers, and to offset the capital cost investment for traditional backup power measures.

A key step for a customer considering a potential investment in CHP as a solution to reliability concerns is to identify and quantify the value of reliable power to their operations and compare these costs to those associated with configuring CHP to include outage protection.

