



## Leading the Way to Smarter Energy for **Data Centers**

In the mission-critical world of Data Centers, power needs are super-sized 24/7. The challenge is reducing energy costs and realizing efficiencies without jeopardizing dependability or performance.

With Stellar Energy's ModUtility® Chiller Plant, dependability and performance meets efficiency and flexibility. The result is better cooling for less energy costs. Even more bottom-line friendly is a modular design approach that lets us scale each chiller plant to match your budget. So your chiller plant can grow as your needs grow.

Stellar Energy delivers an efficient, reliable solution for Data Centers that saves you money and lets you add functionality when you need it.

**That's Energy Evolved.**

### Benefits

- Proven, factory-tested modular design with built-in redundancy.
- Reduced total cost of energy.
- Scalable and flexible to add capacity when you need it, and when budget allows.
- Quick ship capabilities to have the utilities on site fast.
- Enhanced quality control and reduced site work as modules are constructed in Stellar Energy's fabrication facility.



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## Full Service Capabilities for **Data Centers**

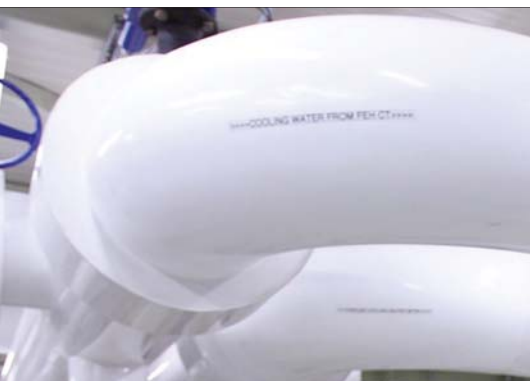
Stellar Energy's capabilities extend beyond the state-of-the-art ModUtility® Chiller Plant. We offer a full spectrum of Data Center energy solutions, from conception to maintenance, including:

**Free Cooling:** Stellar Energy's best practice solutions for Data Centers includes customized heat exchangers for free cooling. The environmentally sustainable and economical free cooling method saves energy through reduced chiller loading.

**CHP/Cogeneration:** Combined heat and power (CHP), also known as cogeneration, can be an efficient way for Data Centers to reduce energy costs and boost thermal energy supplies. A site analysis can determine if this approach is the optimum solution.

**Redundancy & Back-up:** We understand the mission critical nature of Data Centers. Our solutions are built with redundancies, our electrical systems utilize emergency power and UPS and our maintenance plans ensure top performance. Additionally, we can provide thermal energy storage systems for back-up chilling.

**Modular Electrical:** For Stellar Energy, leading the way to smarter energy for Data Centers includes the design and fabrication of modular electrical rooms offering all the scalability and flexibility of our modular chiller plants.



### ***About Stellar Energy***

Stellar Energy's innovative energy plant solutions deliver cleaner, sustainable, cost-effective and more efficient energy. The company is a global leader in the design, fabrication, installation, and operations of a range of energy systems, including modular utility plants and field-erected utility plants, turbine inlet air chilling (TIAC) systems, and district cooling plants. The company's experience spans more than 20 years and stretches across the globe with offices in the United States, China, and the Middle East and North Africa (MENA) region. For more information, visit [www.stellar-energy.net](http://www.stellar-energy.net).