

Advanced Power Server (APS)



Intelligently dispatch multiple turbines as a single power source.

- Automatically controls up to 30 C65/C200/C1000 Microturbines (max 10 C1000)
- Flexible pre-engineered package
- Maximize Microturbine array efficiency
- Reduce maintenance costs with Run Time Balance
- Interface with supervisory systems via Serial RS-485 ModBus
- Touch screen HMI
- Up to five Groups Grid Connect



Advanced Power Server

Reduce System Upgrade Costs

- HMI-based control system with touchscreen and Programmable Logic Controller (PLC)
- Run units in a number of preset power dispatch modes
- PLC can be customized for balance of plant control
- Avoid control system costs for development of common control schemes

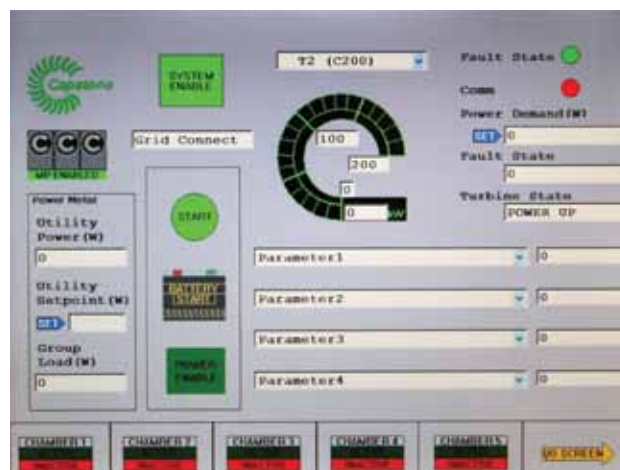
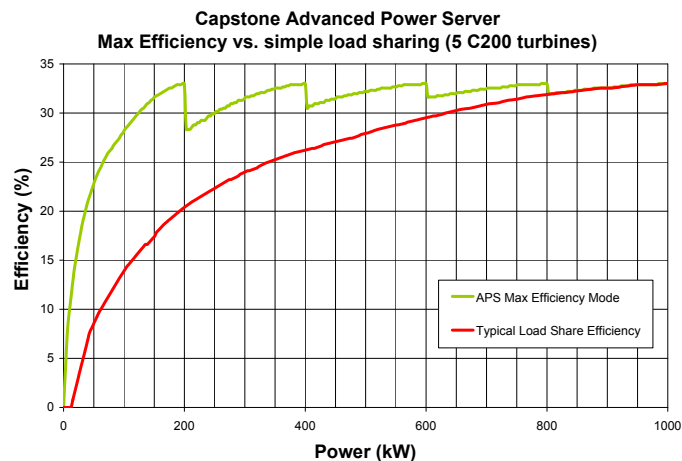
Low Maintenance System

- Integrate for remote control or monitoring
- Align scheduled maintenance needs with "run time balance" feature – Microturbine operating hours are equalized to maintain service intervals

Reliable power when and where you need it. Clean and simple.

Intelligent Power Dispatch Modes

- “Max Efficiency” feature ensures greatest electrical efficiency is reached through intelligent allocation of power demand to individual Microturbines
- N+1 redundant configurations operate with same efficiency as non-redundant systems while providing full power requirements – even if Microturbine fails
- “Spinning Reserve” feature ensures sufficient overhead exists for your application’s expected transient needs – all while optimizing the efficiency of your stand-alone installation
- Fully compatible with dual mode systems for standby power
- Allows thermal priority for heat recovery applications
- Change power dispatch modes locally or remotely
- Base Microturbine use on utility pricing or time of day – only run when economically feasible



Touch-screen HMI

