



# DDI

## ENERGY INC.

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# DDI ENERGY INC. PRESENTS THE ARC POWER GENERATION SYSTEMS



DDI Energy Inc, a division of DDI, is manufacturing and distributing Solid Oxide Fuel Cell (SOFC) power generation systems for industry. The ARC series of products provide a safer, cleaner, and more efficient source of off-grid power than its competitors, namely diesel and thermoelectric generators (TEGs). Our products offer a significantly higher level of reliability, lower operating costs and emissions on a per kW basis than any other power source available on the market.

Product features will include but are not limited to:

- Automatic operation
- Site-specific set points
- Self-diagnostics
- Remote shutdown

Powered by natural gas, propane or methane the units are modular and scalable. The ARC product series will provide 3 to 40 kW of power. They can be coupled to provide even more power. Their load following capability means the unit will only deliver the energy that is needed, with a minimal draw idle-mode for times when there is no demand for power.

This line of products can be used for many remote power applications such as:

- Pipeline valve and control stations
- Metering huts
- Work camps
- Large telecommunication stations

A few of the many benefits of DDI Energy's ARC products over its competition:

1. Cost Benefits
  - a. RAM-D - Reliability, Availability, Maintainability, Durability
  - b. Decreased operating costs
  - c. Unattended operation with a very low maintenance schedule
  - d. Increased efficiency, 40-50% electrical efficiency, 80% with cogeneration module
  - e. Taps into existing natural gas pipelines
2. Safe and Environmentally Sensitive
  - a. Low CO2 emissions due to high efficiency
  - b. Waste products are heat and water
  - c. Components are encased in a tamper-proof enclosure that is safe to touch.
  - d. Quiet operation.
3. Modular/Scalable
  - a. Field Upgradable
  - b. Hot swappable maintenance
  - c. Scalable power output for varied uses.