



Capstone microturbines in the Eagle Ford Shale Play generate reliable and clean power.

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**Capstone microturbines operate:**

- Continuously or on demand
- Stand alone or grid connected
- Individually or multipack
- On a variety of fuels

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Microturbines' low maintenance (**only one moving part**), high reliability (**average 99 percent availability**) and extremely low emissions (**less than 9 ppm NOx**) make microturbines ideal for manned and unmanned operations.



## Microturbines power on

### *Near non-stop runtime*

Despite a shift in oil and gas production worldwide, E&P companies in the United States continue to install Capstone microturbines from Horizon Power Systems. Microturbines' low maintenance (only one moving part), high reliability (average 99 percent availability) and extremely low emissions (less than 9 ppm NOx) make microturbines ideal for manned and unmanned operations.

Horizon Power Systems has delivered 59MW of robust, consistently reliable microturbine power to sites in the prolific Eagle Ford Shale Play alone. Add in multiple new and follow-on orders for the Permian, Barnett, Mancos, San Juan and Wattenberg shale plays, and it is clear producers and operators recognize the value of microturbines over traditional gensets.

From remote natural gas compressor stations and central gathering facilities, to transfer stations, metering stations and wellhead sites, Capstone microturbines support U.S. shale gas production by supplying clean, reliable power using pipeline quality natural gas as fuel. The units' near non-stop runtime contributes to increased production, fewer power interruptions from maintenance downtime and lower utility bills.

Microturbines installed at Horizon customer sites meet or exceed the most stringent air quality and emission standards. The U.S. Environmental Protection Agency, which has extremely rigorous emissions requirements for oil and gas producers, strongly supports installation of low emission natural gas microturbine power plants.

Capstone microturbines can be used in all phases of oil and gas production including upstream, midstream and downstream operations in both onshore and offshore applications. Remote oil and gas sites, in particular, benefit from the highly reliable and proven technology without the cost of extending to the local power grid.

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- **Every hour of downtime** can mean thousands of dollars in lost production
  - **Near non-stop runtime and high reliability** compared to traditional power systems
  - **With just one moving part, air-bearing technology and no lubricants or coolants** gone is the need for oil changes, head gaskets, filters and spark plugs
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