



# LM2500 Gas/Liquid to Dual Fuel Conversion

## Product Description

- **For adding gas fuel capabilities:**
  - A dual fuel manifold with water injection consisting of two liquid fuel manifolds, a gas manifold, and 30 dual fuel nozzles.
  - Gas fuel compressor (off-package).
  - Coalescer/Dehumidifier and/or a filter/scrubber skid (off-package).
  - A fuel-metering valve.
  - Gas shutoff valves, check valves, and vents.
- **For adding liquid fuel capabilities:**
  - A liquid fuel forwarding skid with a 2" pipe customer connection at 5 psi Flooded Suction.
  - Fuel filtered to 10 µm absolute.
  - 2 liquid fuel manifolds, hoses, and fuel nozzles will be added on-engine.
  - Simplex liquid fuel boost skid (off-package).
  - A duplex low pressure filter skid (off-package).
  - Fuel metering valves.
  - Liquid fuel shutoff valves, check vlves, and return fuel lines.
- Both liquid and gas fuel conversions involve installing connections to customer fuel connections (flanged outside main base) and changing the fuel manifolds.
- Core software logic and HMI changes may also be needed.



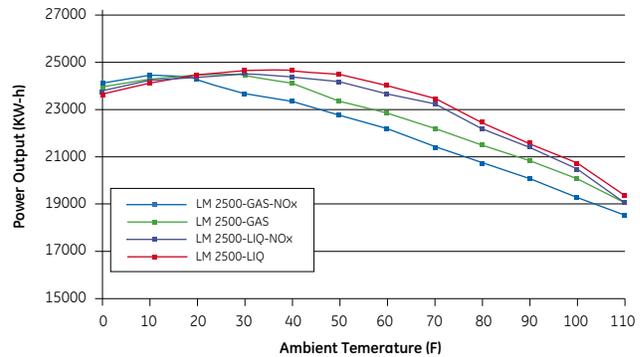
Liquid Fuel Manifold Addition

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## Customer Value

- Easily switching between fuels allows increased site power generation flexibility.
- Maximize profitability by switching to a cheaper fuel depending on market conditions.
- Increased power output using the water injection capabilities.
- Switching to gas fuels lowers NOx emissions.
- Gas fuels also have higher power outputs.
- Can use either Woodward or GE Mark VI or higher controls systems.



Increased Power Output using the Water Injection System.

## Applicable Units:

LM6000		LM2500*	✓
LMS100		LM5000	
LM1600		TM2500	

\* For LM 2500 and LM2500+ units

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