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# Standby Fuel Options for Condensing Boilers



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# Why an Alternate Fuel Supply?

## Economics

- Reduced Cost of Delivered Natural Gas - Utilities offer incentive pricing for customers who are on an interruptible rate.

## Security of Supply for Critical Applications

- Hospitals/Healthcare Facilities
- Correctional Facilities
- Educational Facilities
- Wastewater Treatment
- Emergency Shelters
- Manufacturing Facilities

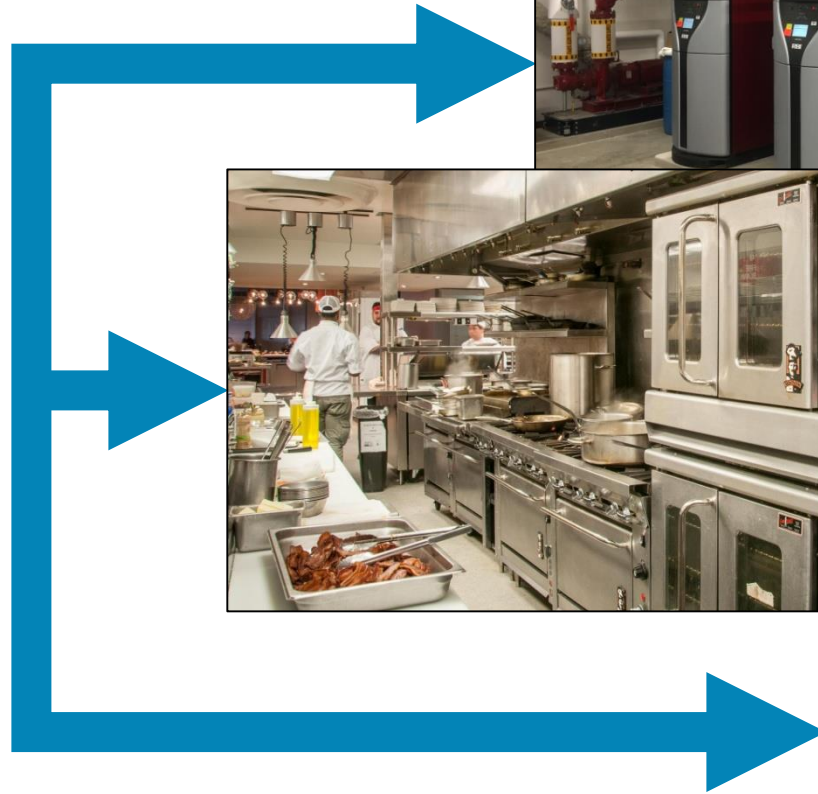
# Alternate Fuel Options for Condensing Boilers

Propane Vapor		Propane-Air
Alternate fuel source to natural gas	→	Interchangeable with natural gas
Boilers need to have the option for a dual fuel	→	Works in standard natural gas fired boilers
Dedicated propane vapor lines need to be run to boiler room and boilers may require a separate gas train for each fuel type	→	Single connection at the natural gas service entrance. Boilers can use the buildings same natural gas distribution pipes, valves, regulators, etc.
An option when boilers are in a centralized location	→	An option when gas fired equipment is in multiple locations
Only equipment selected for the single dedicated propane vapor line will continue to operate	→	All natural gas equipment will continue to operate <u>Examples include:</u> Food Service Equipment Condensing/Non-Condensing Boilers Gas Fired Water Heaters and Rooftop Units
Boilers needs to be stopped and restarted when switching between natural gas and propane vapor	→	“Switch on the fly” to and from Utility provided natural gas

# Propane Vapor

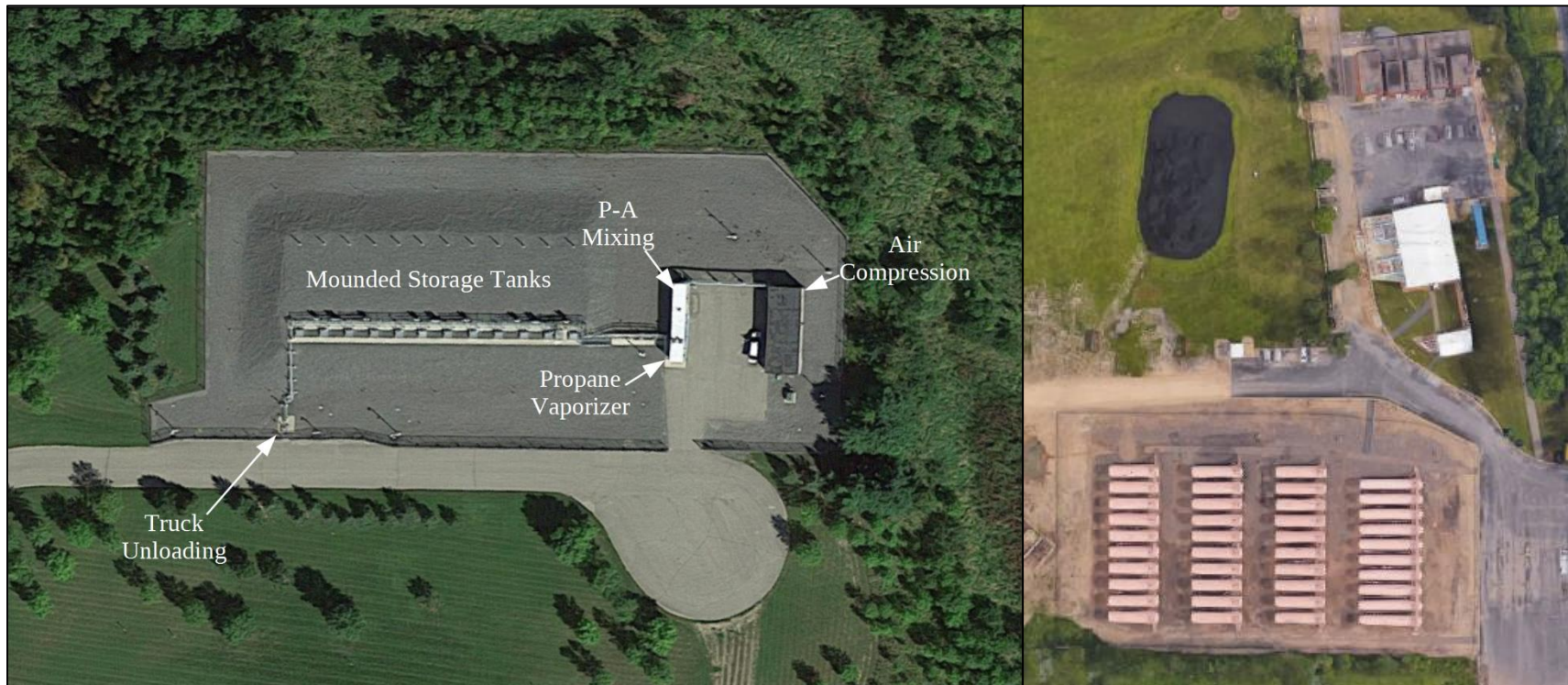


# Propane-Air



# Natural Gas Utility | Propane-Air Plant

- Most likely propane-air has been delivered to your house or business at some point in the past. Natural Gas Utilities across the country use it to supplement the natural gas distribution system during times of high demand.
- **Tour of Propane-Air Peak Shaving facility today at 1:30pm**  
(must be pre-registered)



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# Questions?

Propane is a proven complimentary fuel for the natural gas industry and state of the art equipment.



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