

Selas Energy Solutions

selas[®]

The Heat Technology Company



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*Doomsday Planning: Impact on Boilers if Natural
Gas Prices Doubled?*



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Natural Gas Prices to Increase?

"Forbes Magazine", April 7, 2016

Why U.S. Natural Gas Prices Should Double



Natural gas prices should double over the next year.

Over-supply plus a warm 2015-2016 winter have resulted in low gas prices. That is about to change because supply is decreasing (Figure 1).

YAHOO!
FINANCE

August 7, 2016

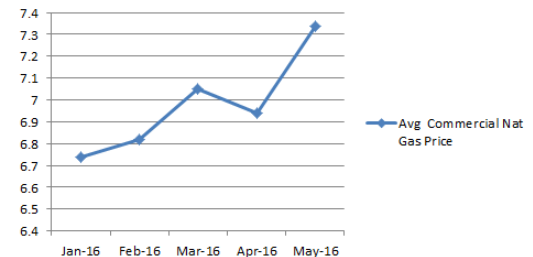
Surprise Natural Gas Drawdown Signals Higher Prices Ahead



Natural Gas Weekly Update

for week ending August 3, 2016 | Release Date: August 4, 2016 | Next Release: August 11, 2016

Avg Commercial Nat Gas Price



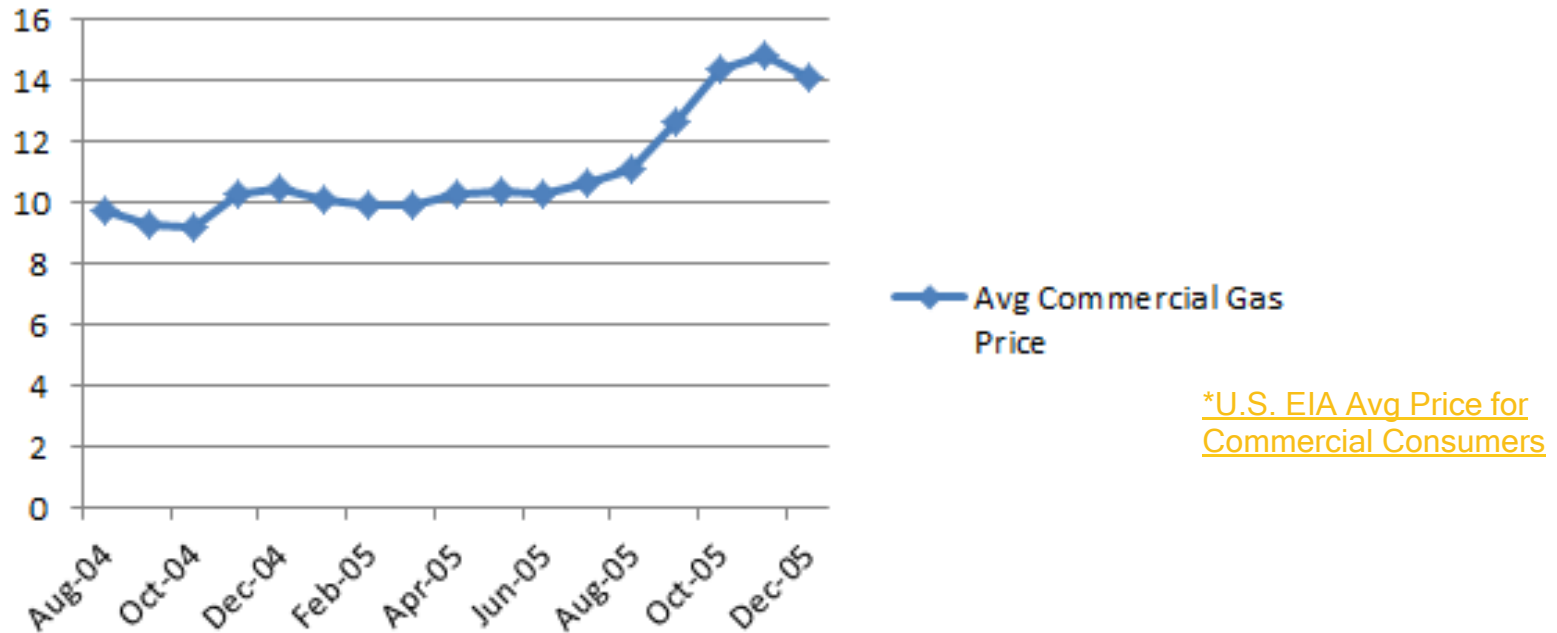
Trends Point Toward Increase in Natural Gas

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Natural Gas Prices to Increase?

Avg Commercial Gas Price



This Has Happened Before and Will Happen Again

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Price Impact on Boiler Costs

	Present System	1.5X Increase	2x Increase
Boiler Size (M/Btuh)	7,500	7,500	7,500
Thermal Efficiency	75%	75%	75%
Annual Operating Hours	4,500	4,500	4,500
Boiler Operating Capacity	50%	50%	50%
Cost of Gas	\$7.34 *	\$11.01	\$14.68
Total Energy Cost	\$165,150	\$247,725	\$330,300
	Cost Impact	\$82,575	\$165,150

[*U.S. EIA Avg Price for Commercial Consumers](#)

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Selas Benefits: Energy Savings

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Total Energy Cost	\$165,150	\$247,725	\$330,300
Cost Impact		\$82,575	\$165,150
Savings		\$12,386	\$16,515

Selas Solutions Can Deliver Up To 5% Savings

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Selas Benefits: ROI / Payback

	Present System	1.5X Increase	2x Increase
Boiler Size (M/Btuh)	7,500	7,500	7,500
Thermal Efficiency	75%	75%	75%
Annual Operating Hours	4,500	4,500	4,500
Boiler Operating Capacity	50%	50%	50%
Cost of Gas	\$7.34 *	\$11.01	\$14.68
Total Energy Cost	\$165,150	\$247,725	\$330,300
Savings	\$8,258	\$12,386	\$16,515
ROI	33%	50%	66%
Payback	3.0 years	2.0 years	1.5 years

Why Wait? Account for Increases Before They Hit

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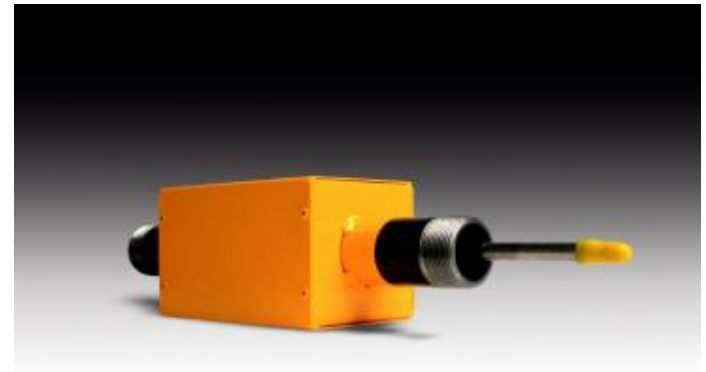
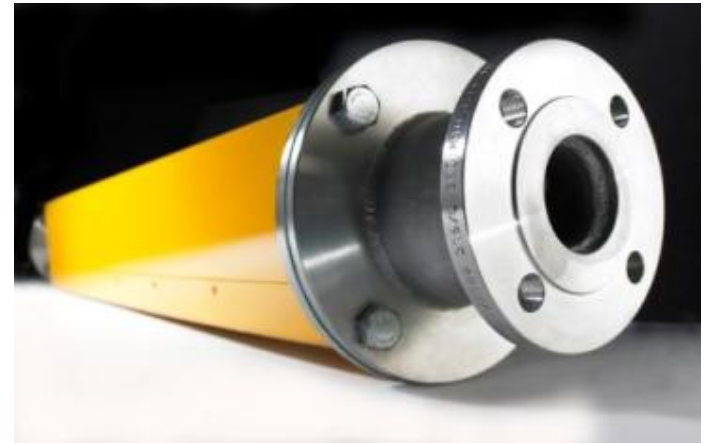
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Solutions to Decrease Energy Use by Up to 5%

The Maxsys Fuel System

Fuel Conditioning System

- Lowers Energy Use and Costs up to 5%
- Patented energy saving equipment
- Suited to any gas and oil burning equipment
- Retrofit system, no additional power use
- Maintenance free
- Compatible with all burners



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Temp A Trim

Air Density Control

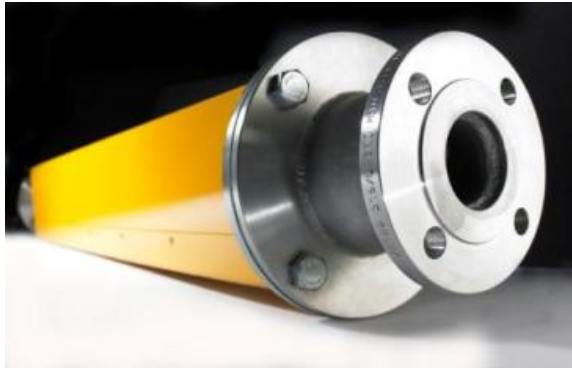
- Fuel Savings Up to 3%
- Electrical Savings Up to 30% (on blower fan)
- Longer Useful Motor Life / Reduced Motor Wear
- Reduced Seasonal Tunes Up
- No Additional Power Use, Maintenance Free
- Reduced Seasonal Tune-Ups



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Maxsys Fuel Systems

Patented fuel conditioning system improves the combustion process, reducing fuel use and emissions.



Temp A Trim

Corrects for air density changes to optimize efficiency, providing both electric and fuel savings.



Turnkey Services

Energy audits, design, testing, and installation for combustion related projects.

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