

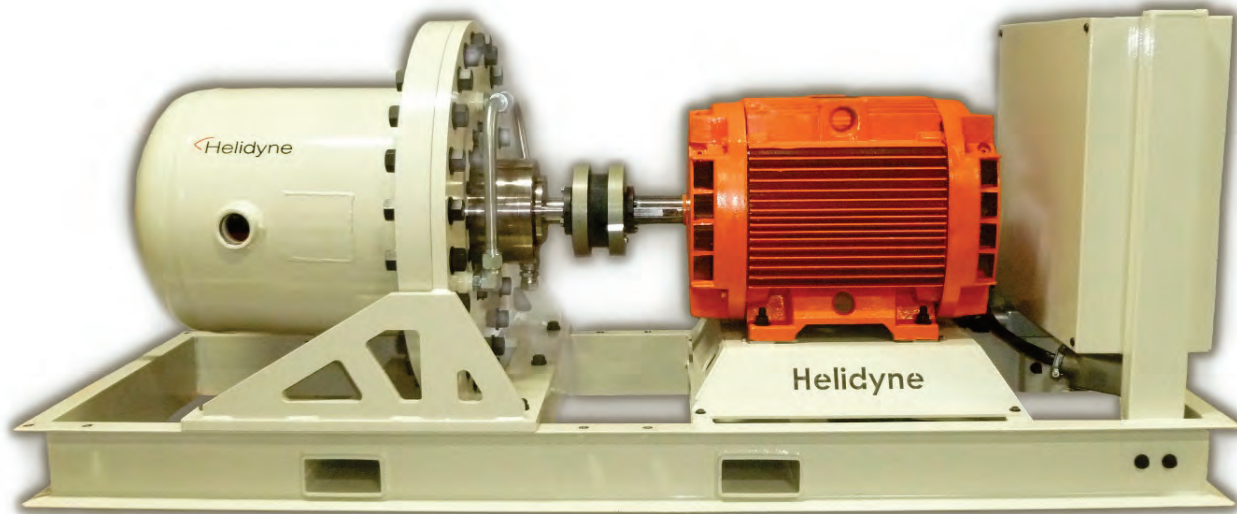


**Presented by:**

**Kevin Kerlin**  
**President & CEO**

May 19, 2015

- Showcased our prototype at last Conference
- ***Lead to 1<sup>st</sup> sales order!***



- Ordered **(4) 60kW** units
- For offshore oil platforms
- *Zero Emissions, Fully automated*





***Concept Description***



## Same Expander



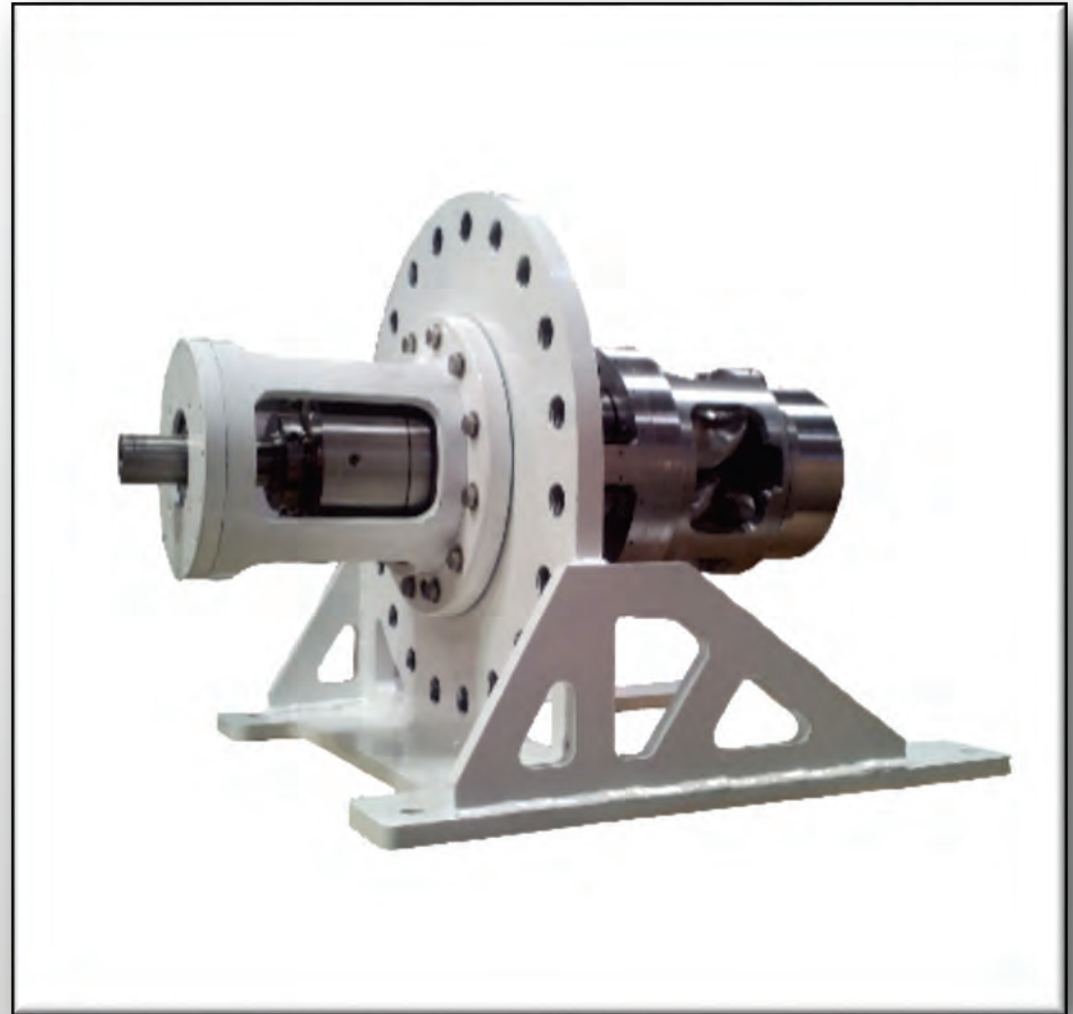
**Generates Electricity**

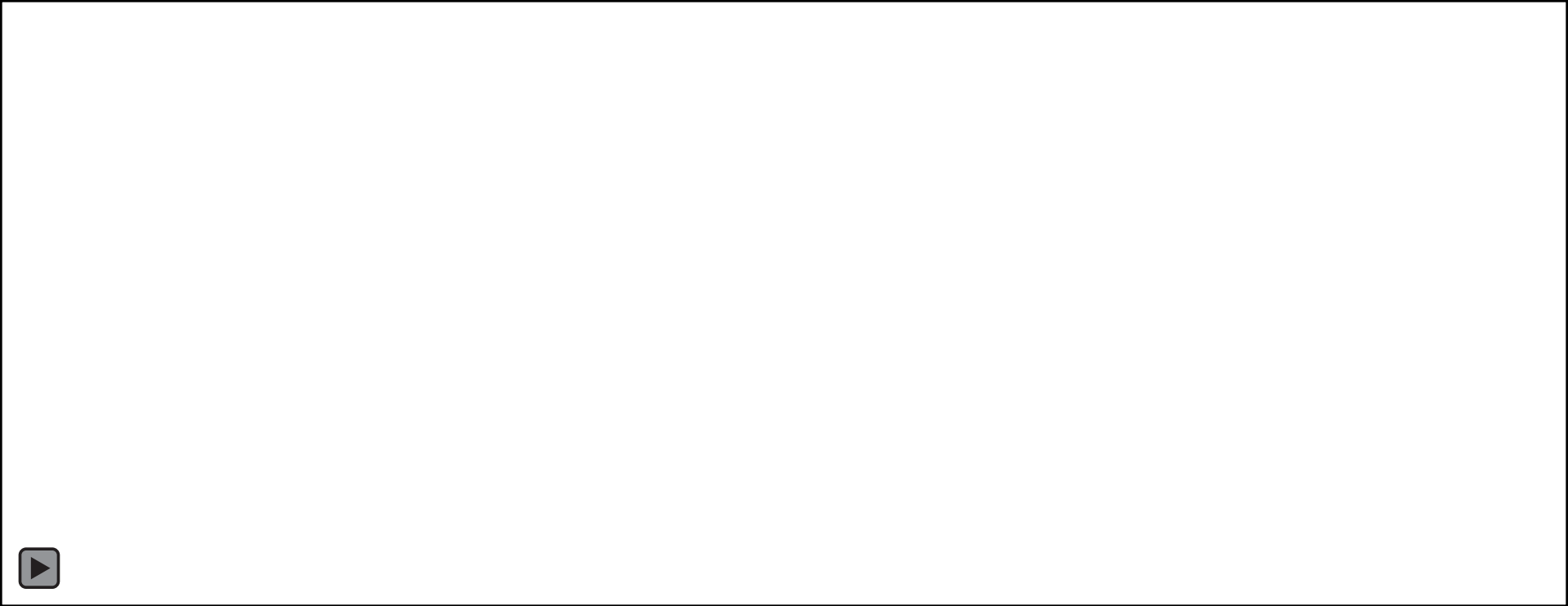
*and*



**Refines Flare Gas**














*Planetary Rotor  
Gas Expander*



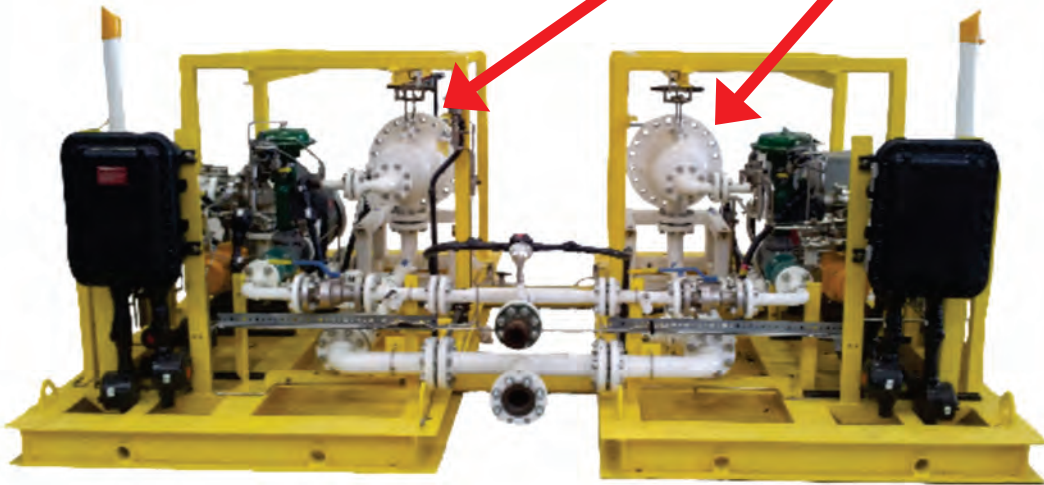
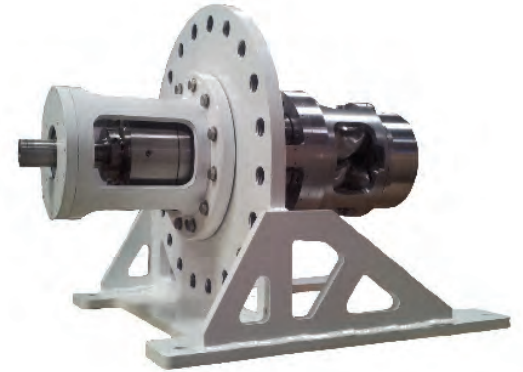


*High Pressure Rating*

*Self Cleaning*

|               |    |   |   |
|---------------|---|---|---|
|               | Planetary   | Turbine   | Twin Screw  |
| Wet Inlet Gas |    |    |    |
| High Pressure |    |    |    |
| Self-Cleaning |   |    |    |
| Variable Flow |  |  |  |

*First 60kW Units  
Ready for Delivery*









- *Passed Preliminary Inspection on Feb 17<sup>th</sup>*
- *Final inspection June 12<sup>th</sup>*



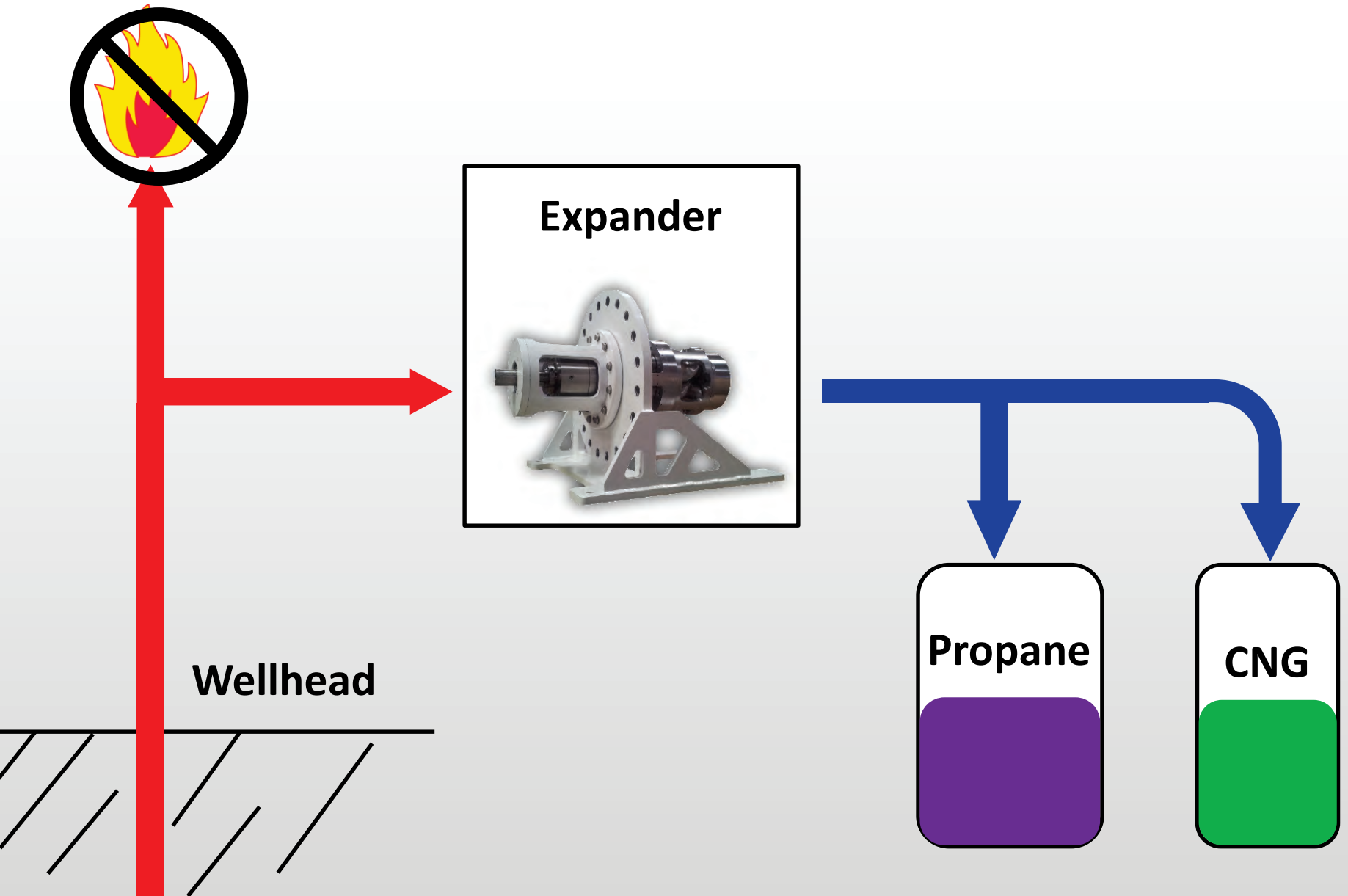


## *The Problem*

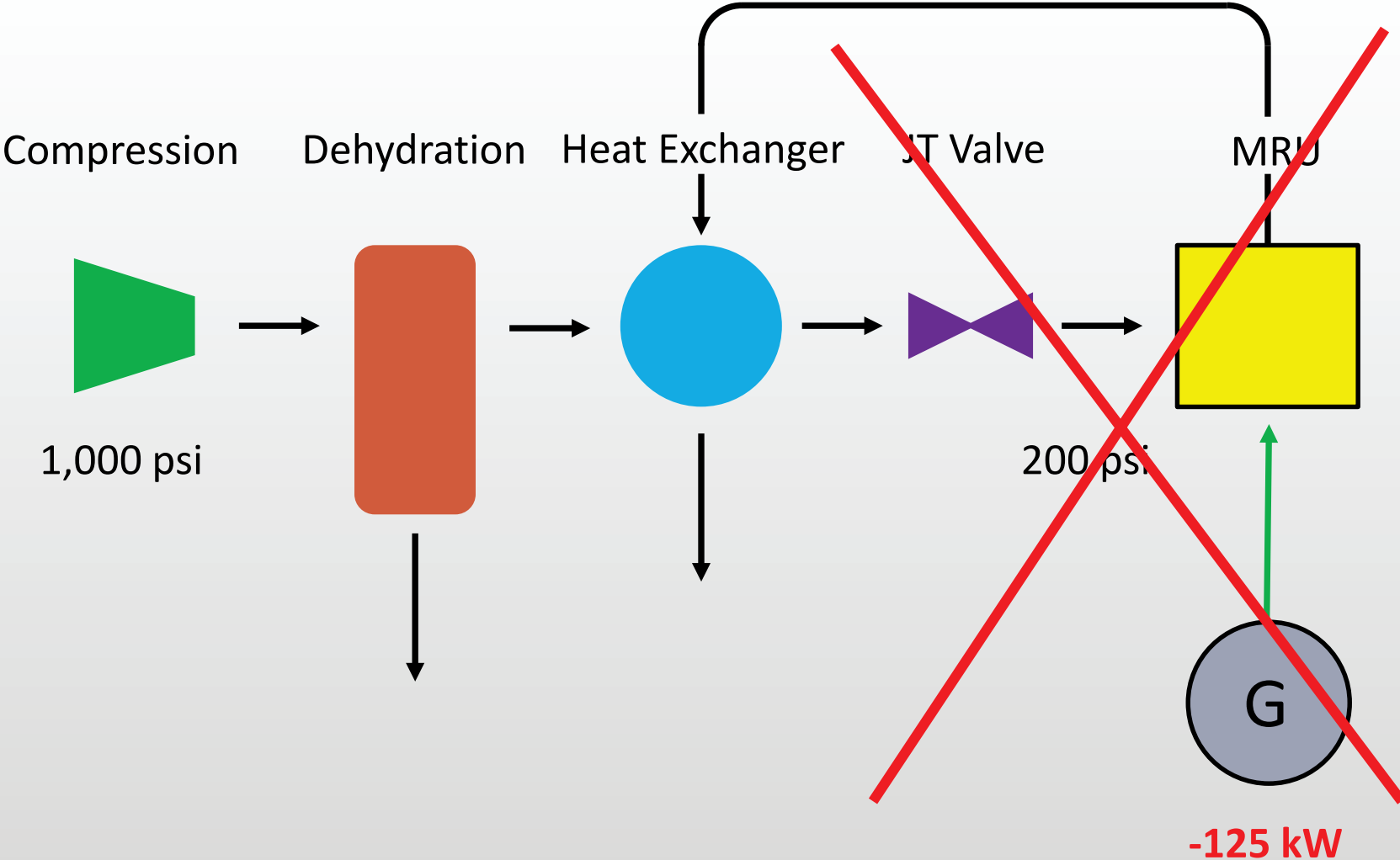
- Limited pipeline access
- High operating cost
- Unreliable technology



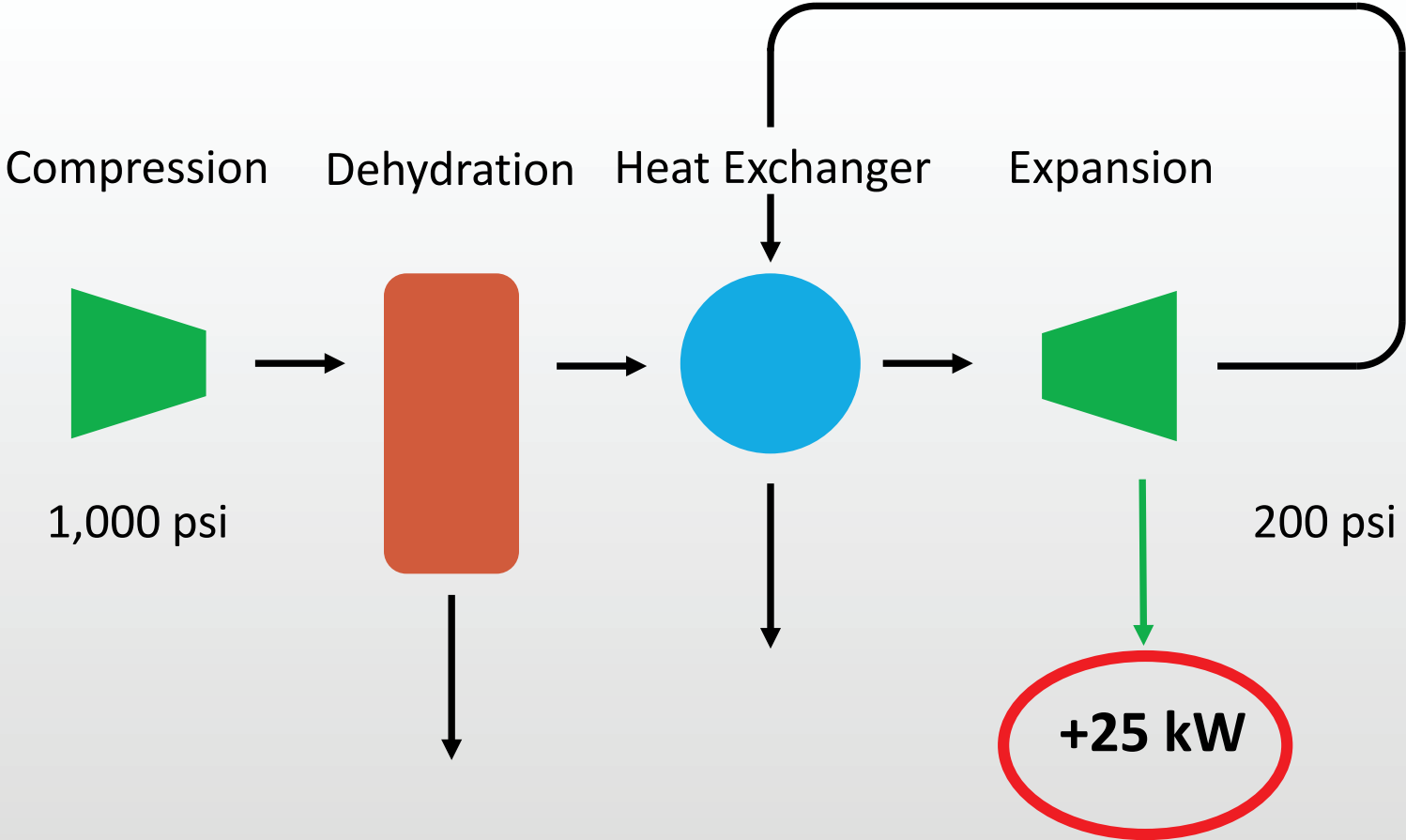
# Flare Gas Recapture



# Current Process



# New Process



- North Dakota flare gas site
- *Operating on 1,000 psi rich gas*
- *Within next 30 days*
- Run the expander continuous for 5 days



## Questions?

Contact:

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[www.helidynepower.com](http://www.helidynepower.com)



### Q&A Reference Slide

