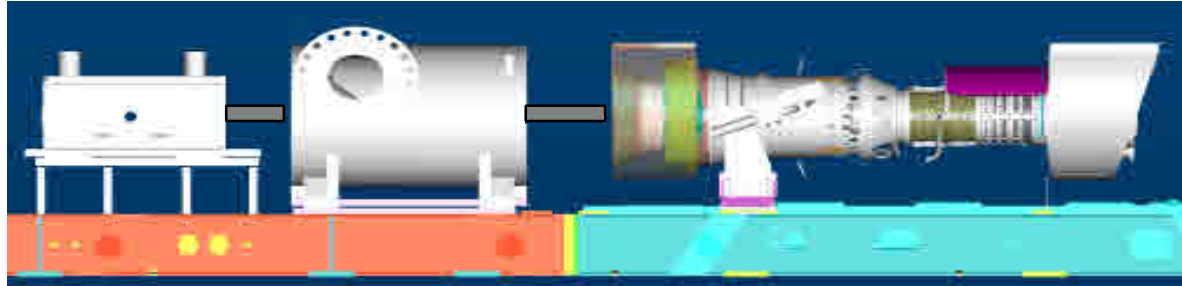


Gas-Electric Partnership Compression Innovation

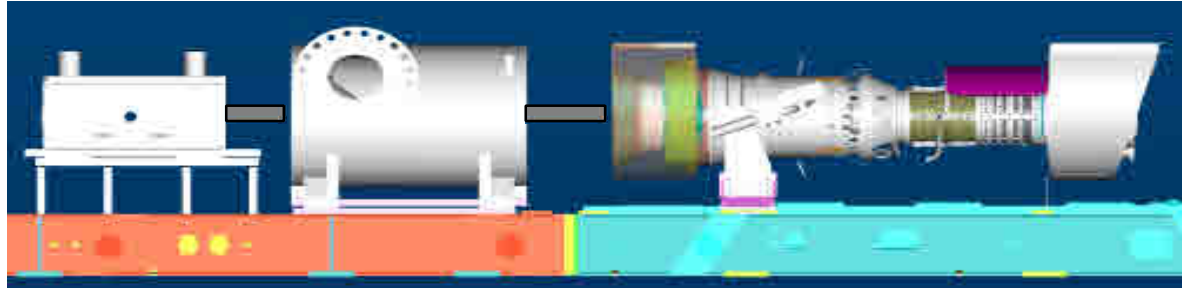
The *THROUGH-DRIVE*

Houston, Texas
February 12, 2009



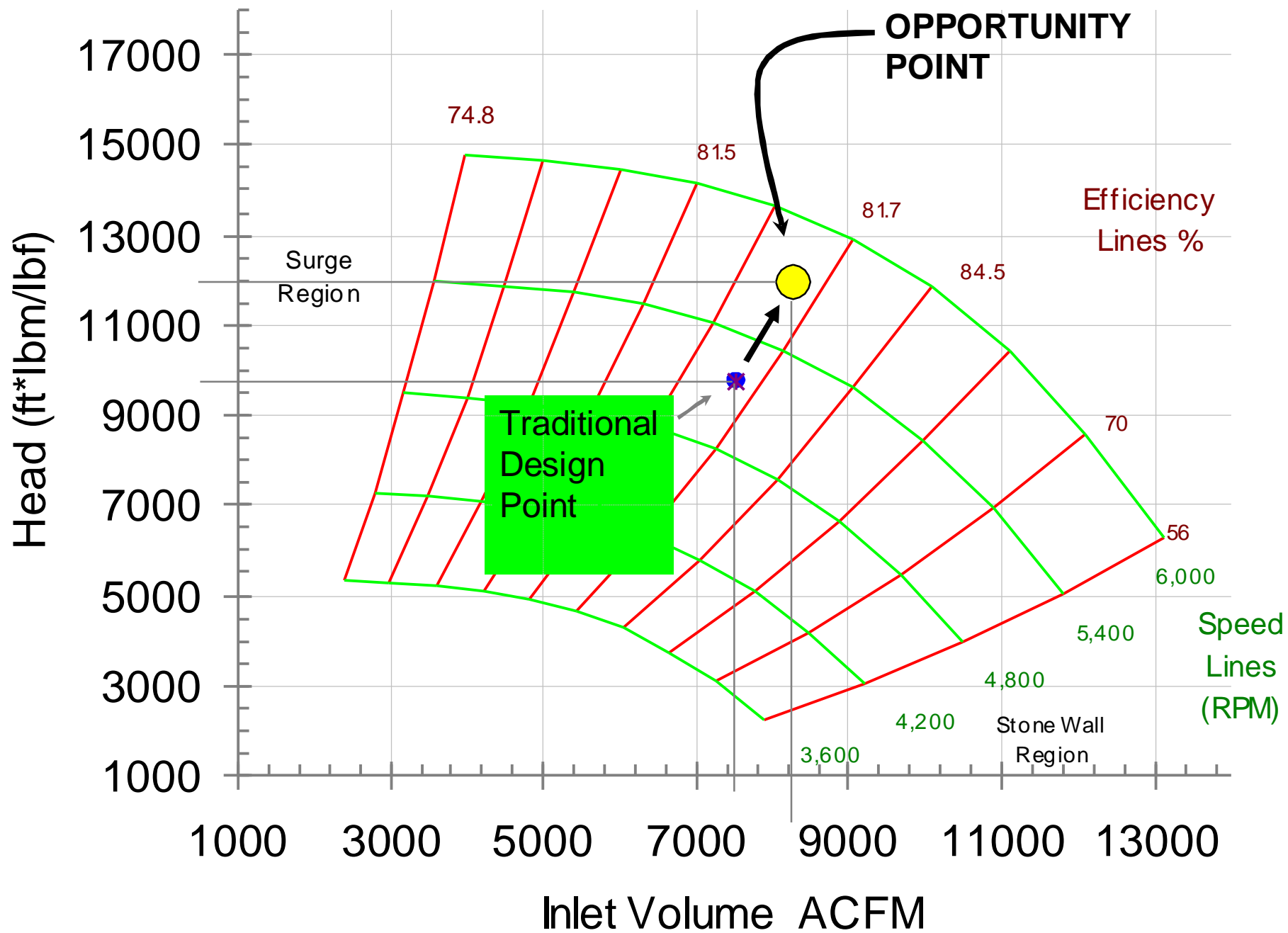
INDUSTRY DRIVERS

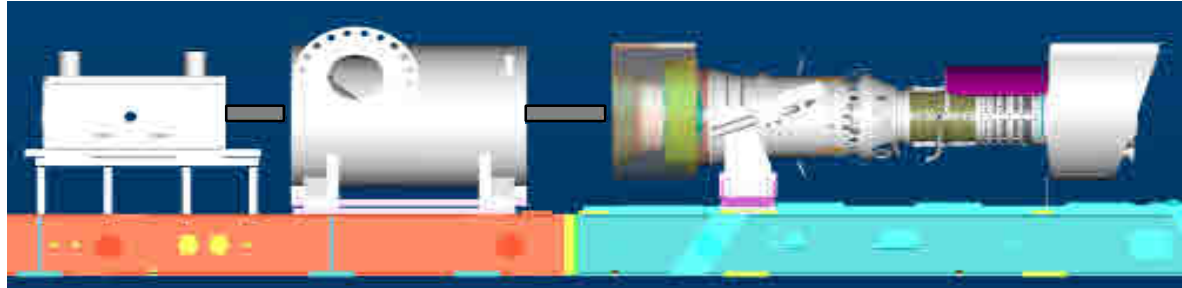
- Aging Pipeline HP infrastructure
- Pipeline Expansions; Interconnects
- More restrictive emissions
- Focus on capital costs
- Focus on enhanced flexibility
- Innovation: *The Through Drive*



OWNER/OPERATOR BENEFITS

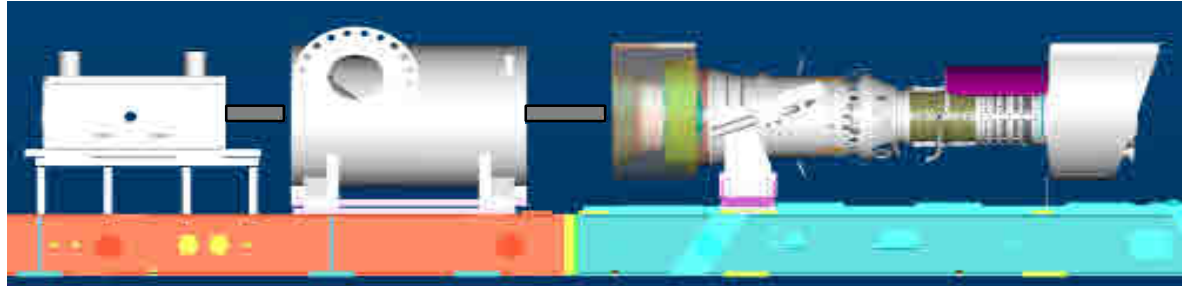
- **Reduces incremental cost of HP addition at centrifugal stations**
- **Increases the usable operating range of centrifugal compression**
- **Spark spread arbitrage opportunities**
- **Emission credit opportunities**
- **Differentiate on total cost of ownership**
 - **Lowest cost transporter**
- **Maximize HP asset utilization; balance HP portfolio**





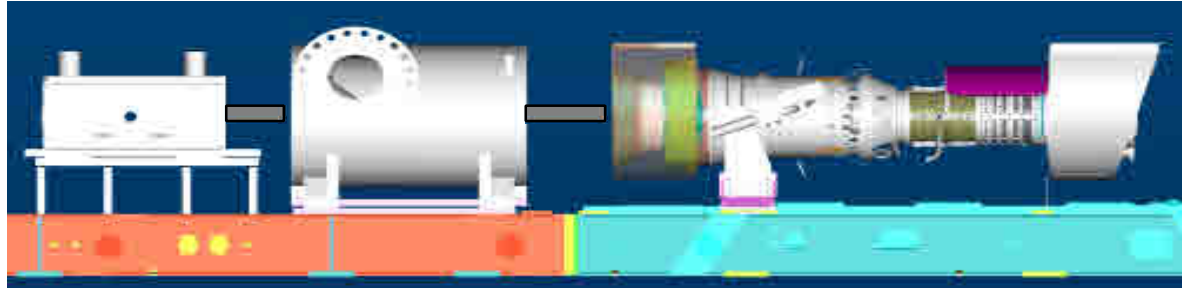
COMPRESSOR OEM INITIATIVES

- **Solar Compressors have *Through Drive* Capability**
- **High-Speed Motor integrated into turbocompressor package/systems**
- **Controls optimization for entire drive train**
- **Look and feel of a existing turbines package**
- **Single point of contact**
 - Inquiry Phase
 - Project Execution
 - Start-up and Commissioning
 - Warranty



ELECTRICAL OEM INITIATIVES

- **High-Speed Motors Rotate at String Velocity (Directly Coupled)**
- **Optimizes Electric Train Efficiency (Eliminates Gear Box)**
- **Bi-Direction Power Flow Capability**
- **Can Perform Help Start if Necessary**
- **Supplies Incremental Torque at Minimal Cost**
- **Creates Partnership Between Mechanical and Electrical OEMs**



SUMMARY

- **Potential for streamlined certification**
- **Increased operating flexibility**
- **(Relatively) low cost expansion of capacity**
- **Opportunity for retirement of less efficient compression**