



TransTech Energy is a leading LPG & NGL storage and distribution infrastructure specialist, serving the downstream LPG and NGL markets. We provide a host of products and services ranging from storage tank manufacturing to turn-key plant and terminal construction- and everything in between. We also offer comprehensive design, engineering and construction services for industrial energy and power generation applications requiring LPG storage and vaporization and Synthetic Natural Gas (SNG) supply.

### In-house Design, Engineering & Construction

- NFPA 58, API2510 and ASME design experts
- ASME pressure vessel manufacturer
- Comprehensive structural and mechanical design capabilities with detailed drawing packages from AutoCAD Plant 3D
- Standard engineered, modular, prefabricated designs to reduce cost and time of installation

### LPG Terminal Solutions

- Truck, Rail, Pipeline & Marine Terminal Engineering & Construction
- In-house design, engineering and construction
- Storage Tank Fabrication & Equipment Sales
- Loading, Unloading and Custody Transfer Skids
- Commissioning , Start-up and Training

### Transfer & Transloading Solutions

- Loading, unloading and custody transfer of NGLs, LPG and related hydrocarbons
- Stock and custom fabricated solutions
- Pump, Compressor and metering options for all skids
- Modular, scalable solutions for rapid deployment minimal field labor interaction

### LPG Power Generation

- Distributed Power Generation Solutions
- High Pressure LPG Gasification & Storage Infrastructure for Gas Engine/ Turbine Applications
- Turnkey Storage Plant & Terminal Design-Build
- Rapid Deploy, Modular Infrastructure Options
- SNG to LNG Bridging- Interim Natural Gas Substitute





TransTech Energy offers comprehensive design, engineering and integration services for industrial energy applications requiring propane storage, vaporization, and synthetic natural gas (SNG) systems. Partnered with the most respected and trusted manufacturers of vaporization and SNG systems, we deliver turnkey, safe and reliable solutions for your energy needs.

### LPG & SNG Industrial Fuel Solutions

- Propane Vaporization / SNG Blending Systems
- Synthetic Natural Gas Bridge Fuel Systems
- Base Load, Standby & Peak Shaving Solutions
- Propane Retailer Consulting & Training
- Autogas Fueling Infrastructure Design & Installation

### Propane Industrial Fuel Solutions

- Propane fuel system design & integration
- Vaporization & Synthetic Natural Gas (SNG) Blending Equipment Sales
- Base Load, Standby & Peak Shaving Solutions
- SNG Bridge Fuel to Natural Gas
- Fuel piping design and installation (carbon steel & PE)
- Startup, training and ongoing testing & maintenance

### Propane Power Generation/CHP

- High pressure propane gasification & storage Infrastructure for gas engine/ turbine applications
- Turnkey storage plant & terminal design-build
- Rapid deploy, modular infrastructure options
- SNG to natural gas bridging- interim natural gas substitute

### Propane Bulk Storage Plants

- Bulk storage plants and terminals design and construction
- Modular, scalable bulk storage skids
- Commissioning , Start-up and Training



TransTech Energy provides NGL and LPG processing, storage and transfer solutions for midstream gathering and processing facilities and wholesale marketers. We deliver a complete range of new, used and custom fabricated process and storage vessels, as well as large scale storage and terminal infrastructure. We also offer a full line of transport, bulk transfer and transloading solutions to support a wide range of midstream operations.

### Process Vessel Fabrication

- Custom process vessel fabrication
- Top-quality, expertly engineered, code-compliant solutions
- Supporting a broad range of applications and operating conditions
- 2-phase and 3-phase separators, slug catchers, condensate separators, surge tanks and other applications

### NGL, LPG and Condensate Storage Vessels

- Largest inventory in US of new and used bullet storage tanks- available for immediate delivery
- Top-quality, expertly engineered, code-compliant solutions
- Custom fabricated ASME storage vessels- built to your exact specifications
- Vessel sizes up to 120,000 gallons

### Transfer & Transloading Solutions

- Loading, unloading and custody transfer of NGLs, LPG and related hydrocarbons
- Stock and custom fabricated solutions
- Pump, Compressor and metering options for all skids
- Modular, scalable solutions for rapid deployment minimal field labor interaction

### Truck and Rail Terminal Design & Construction

- Pipeline, truck, rail and marine terminal engineering & construction
- In-house design, engineering and construction
- Startup, commissioning training services





TransTech Energy offers complete, end-to-end NGL & condensate storage and handling solutions for upstream producers. We deliver fast-ship turnkey solutions as well as custom engineered projects executed to your exact specifications- all backed by decades of experience serving energy markets.

### **NGL & Condensate Storage Vessels**

- Largest inventory in US of new and used bullet storage tanks- available for immediate delivery
- Custom fabricated ASME storage vessels- built to your exact specifications
- Vessel sizes up to 120,000 gallons

### **Transfer, Meter & Pump Skids**

- Transport Loading & Unloading Solutions
- Custody Transfer Skids
- Metering & Inventory Management
- Pump & Compressor Options
- Lease Automated Custody Transfer Skids (LACT)

### **Modular, Scalable Storage & Handling Skids**

- Pre-assembled storage plant for rapid deployment
- Integrated Transport Self Loading
- Pumping and Metering options
- Available in 18,000 and 30,000 gallons
- NFPA Pamphlet 58/API 2510/TX RR complaint



ASME PRESSURE VESSEL MANUFACTURER



Our state of the art ASME manufacturing plant is located in McGregor, TX. Situated on 100 acres, the 125,000 square foot fabrication facility and 33,000 square foot paint facility are centrally located with access to major Texas Highways and Interstate 35, BNSF Railroads and the ports of Houston and Corpus Christi. With over 30 years of fabrication experience, we are one of the most capable ASME pressure vessel manufacturers in the oil and gas industry.

- TransTech Fabrication holds current ASME S, U, U2, U3, PP and R Certifications
- We specialize in large diameter and heavy wall pressure vessels
- Offering short lead times of standard size LPG and NGL bullet tanks up to 120,000 gallons- new and used
- Knowledgeable engineering and design staff ready to assist
- Custom fabrication of oil and gas process vessels and production equipment
- Provide turnkey logistics support from heavy hauling to vessel installation



























## Heavy Hauling & Installation



HEAVY HAULING & INSTALLATION



## Heavy Hauling & Installation



HEAVY HAULING & INSTALLATION





## LPG & NGL STORAGE BULLETS



## LPG & NGL Storage Bullets

All vessels are fabricated, NDE and Hydrotested per ASME Section VIII Division 1

- Rated for 250 psi service with MDMT options of +12°, -20° and -50°
- Shell and head material available in SA612 or SA516-70
- Hemispherical or Elliptical 2:1 Heads
- Manways from 16" to 24"
- Standard or custom nozzles as required
- Low profile welded steel saddles
- Large inventory of new and used bullets

### Standard Sizes:

18,000 gallons	108"ID x 42' OAL
30,000 gallons	108"ID x 67' OAL
30,000 gallons	130"ID x 47' OAL
60,000 gallons	130" ID x 91' OAL
90,000 gallons	130"ID x 135'OAL
120,000 gallons	144" ID x 137'OAL



## OIL & GAS PROCESS VESSELS



All vessels are fabricated, NDE and Hydrotested per ASME Section VIII Division 1, 2 or 3

- Designed and fabricated to your specification
- Hemispherical or Elliptical 2:1 Heads
- Manways with davit arms from 16" to 36"
- PWHT
- NACE Compliant
- Sumps/Water Boots
- Vortex Breakers
- Mist Eliminators
- Weir Pads
- Low profile welded steel saddles

### Standard and Custom Fabrication

- Slug Catcher Vessels
- 2 & 3 Phase Separators
- Condensate Separator Vessels
- Surge Drums
- Free Water Knock-out Drums
- Sand Separators
- Test Separators
- Build to specification



## MODULAR, SCALABLE NGL/LPG STORAGE & HANDLING SKIDS



Turnkey Propane and NGL Storage & Handling Skids are fabricated and packaged to the highest standards in state of the art controlled environment. Allow for rapid deployment and easy repurposing, reducing cost of field service labor up to 80%. Designed to allow flexibility and optionality in scaling storage capacity up or down to meet production needs.

- All vessels are 250 psi rated and fabricated, NDE and Hydrotested per ASME Section VIII Division 1
- Packaged onto skid frame with NFPA58 Pamphlet 58 and API2510 compliant valving and instrumentation, including: internal excess flow valves with pneumatic actuators, pressure relief valve system and liquid level, temperature and pressure gauges
- Integrated or modular NGL loading skid for safe and efficient self loading of MC-331 transports. Includes grounding and required pneumatic ESD system
- Loading options include: liquid pump, compressor, metering, electrical controls and dual sided loading

### Standard Storage Skid Configurations

- 18,000 gallon with integrated loading
- 18,000 gallon with modular loading
- 30,000 gallon with modular loading

### Modular Loading Configurations

- Base model- self loading
- Self loading with liquid pump
- Self loading with liquid pump & meter
- Custom design/build to specification

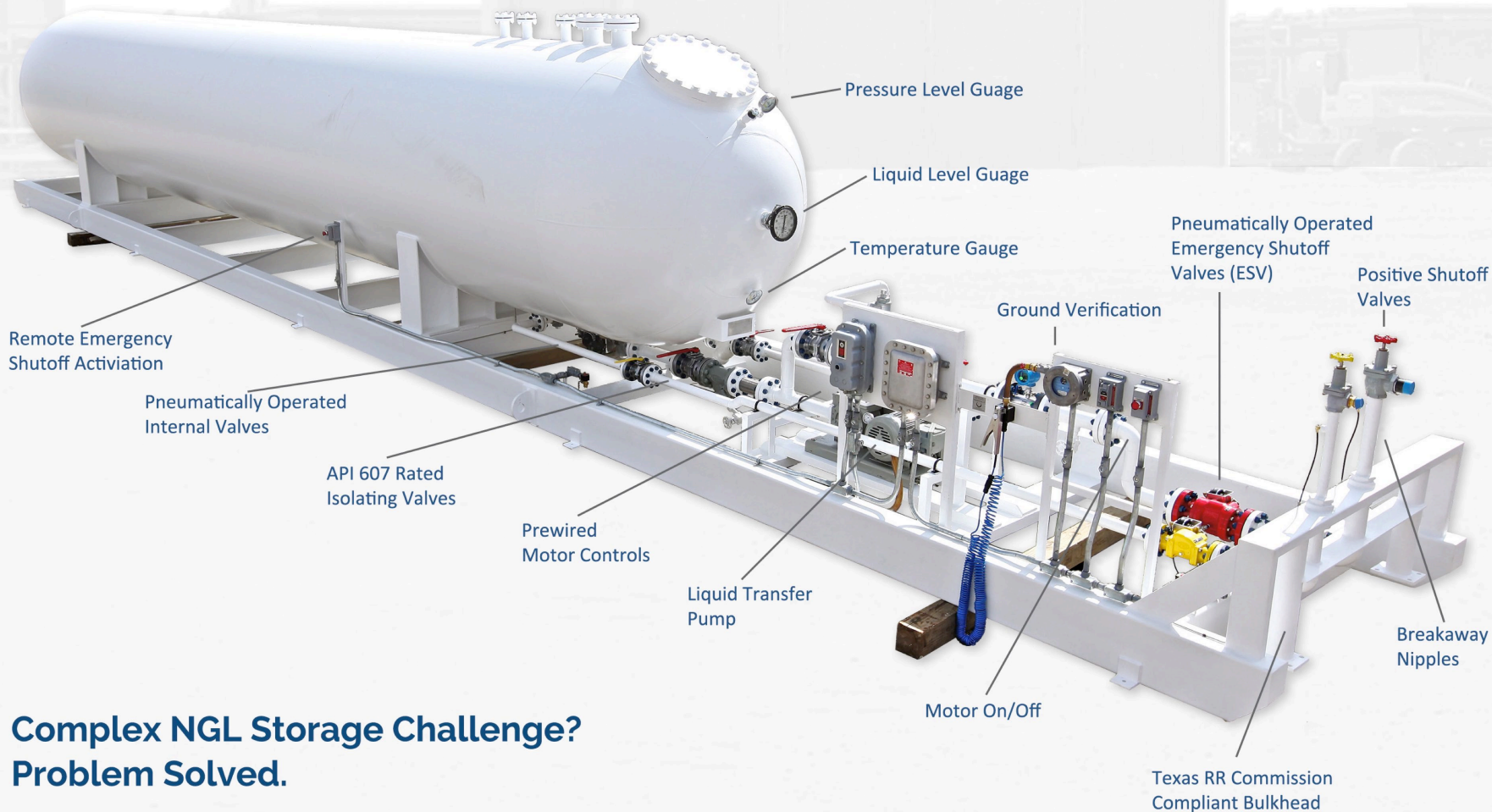






All the Features of 'Big Storage' Infrastructure...  
In a Compact, Portable Solution.

Infinitely Customizable.  
'Plug & Play' Installation.



Complex NGL Storage Challenge?  
Problem Solved.

## RECENT PROJECTS







































## Electrical Power Generation Plant Conversion – LPG Storage & Vaporization Infrastructure





















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CONTACT US FOR YOUR NEXT LPG/NGL INFRASTRUCTURE PROJECT



**TRANSTECH ENERGY**