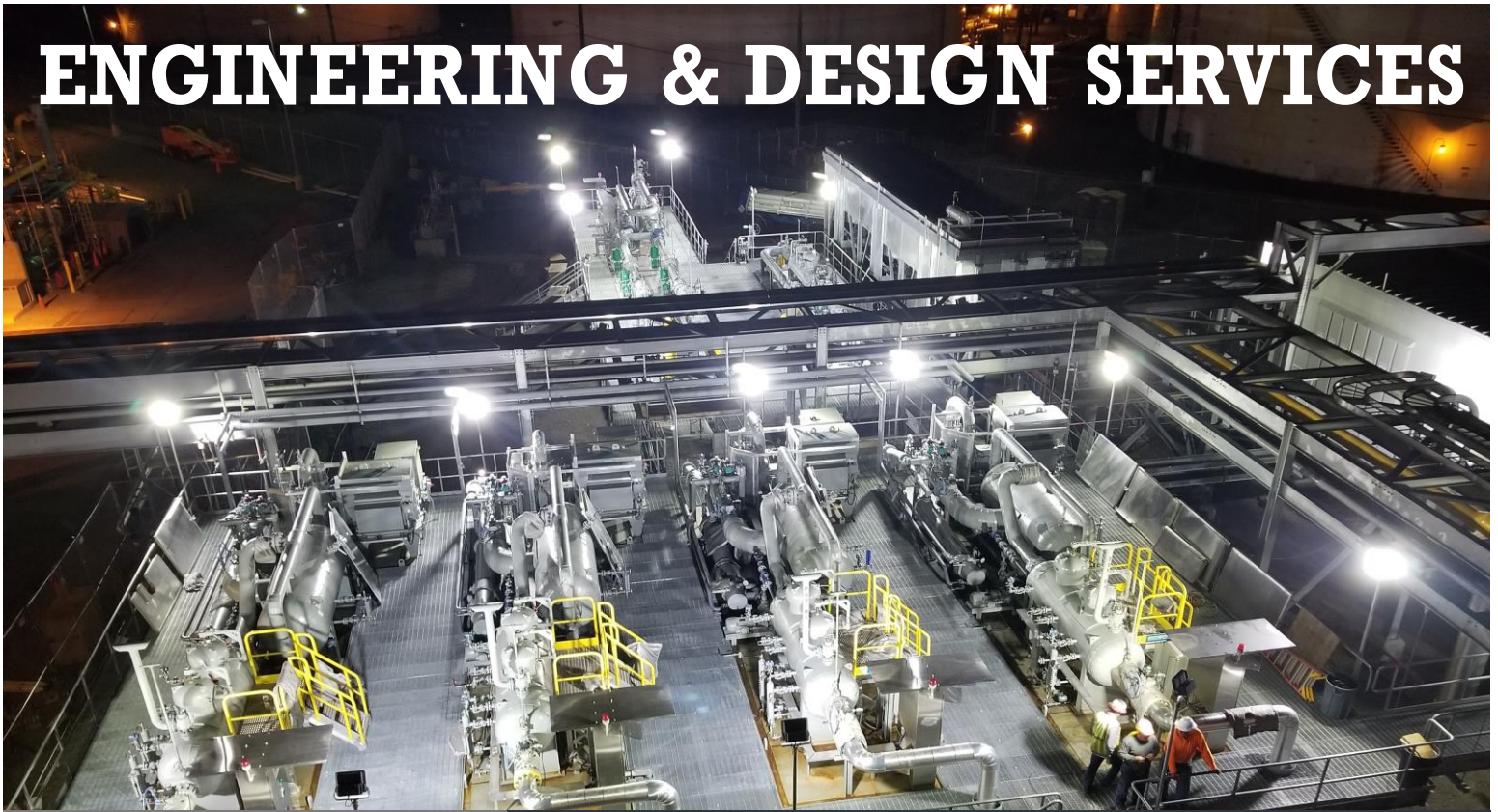


ENGINEERING & DESIGN SERVICES



Cornerstone's Engineering and Design team brings extensive experience in the energy infrastructure industry to deliver safe, trouble-free, and cost-effective solutions to our clients. Our engineering staff is composed of Civil, Structural, Mechanical, and Electrical engineers, licensed in AL, CT, Washington D.C., ME, MA, MD, NC, NH, NJ, NM, NV, NY, OH, RI, SC, TX, VT, VA, WV and Ontario. Our clients benefit from our expertise in Project Development, Project Execution, and Construction Phase Services. Our successful project background includes – Custody Transfer Gate Stations, LPG, LNG and CNG facilities, crude oil gathering lines including storage and pumping terminals, as well as natural gas distribution and transmission pipelines.



Cornerstone
Energy Services

*Successful projects
start with the Cornerstone*

PROJECT DEVELOPMENT

- Feasibility studies
- Front End Engineering Design (FEED)
- CAPEX estimates
- Life cycle cost analysis
- Subsurface utility engineering (SUE)
- Permit identification

PROJECT EXECUTION

- Pipeline alignments
- Directional drill design
- Road & railroad crossings
- Hydraulic Analysis
- Pipe Stress Analysis
- PFDs & P&IDs
- Procurement support
- 3D Plant Modeling
- Stamped Construction Drawings

CONSTRUCTION SERVICES

- Bid Solicitation
- Planning and scheduling activities
- Field engineering
- Shutdown and Start-up procedures
- Pressure test planning
- Commissioning plans
- Turnover documentation
- Pipeline & Facility As-built Documentation

SOFTWARE

- GASCalc Suite
- GASWorkS
- Flow of Fluids
- CAESAR II
- RISAFoundation
- Tekla Tedds
- Farris SizeMaster

