



**Full-Circle Solutions for Renewable Energy**



# A Coalition of Technologies and Services

- **About:** We are a team of companies, technologies and services which collaborate and synergize to bring holistic environmental solutions for renewable energy projects.
- **Solutions:** Our full-circle approach considers the opportunities for all components and stages of renewable energy feedstocks.
- **Goals:**
  - Efficiency
  - Collaboration
  - Seamless Integration
  - Maximized Returns





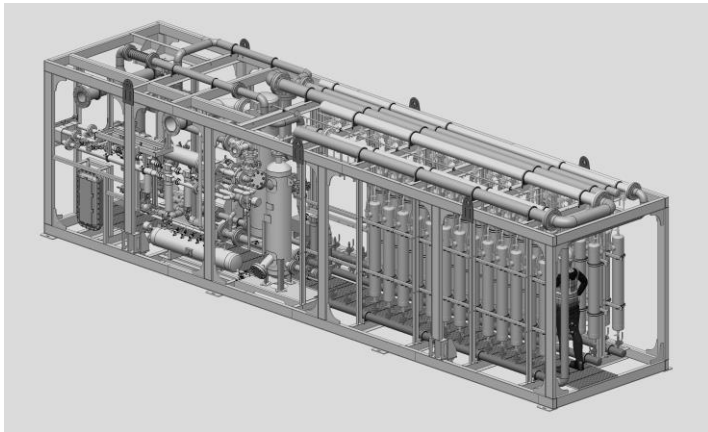
# RNG Energy Solutions

- **Methane Recovery and Conditioning**
- **Power to Gas: CO<sub>2</sub> to Methane**
- **CNG/RNG/H<sub>2</sub> Virtual Pipeline Transportation Services**
- **Natural Gas Power Generation**
- **Liquid/Solid Separation**
- **Low Nox Boilers/Heaters**
- **Alternative Fuel Solutions / CNG Stations**
- **Credit Monetization / Offtake LCFS and RINS**
- **BioMass Pelletization**
- **AQMD Compliance**
- **Pyrolysis / Gasification for BioMass**

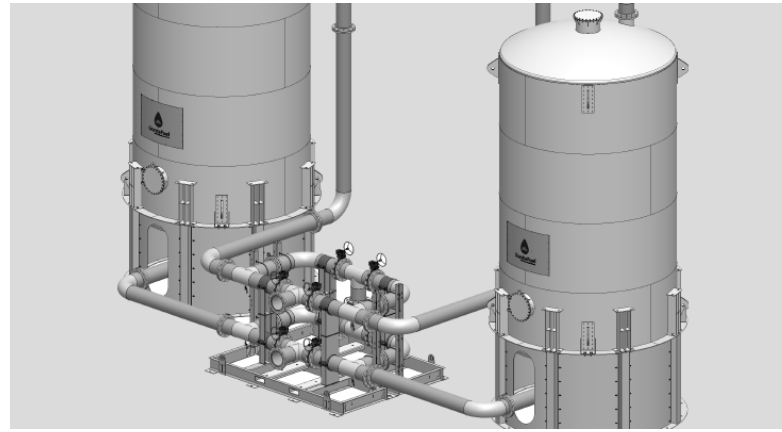


# GraniteFuel : Biogas Conditioning

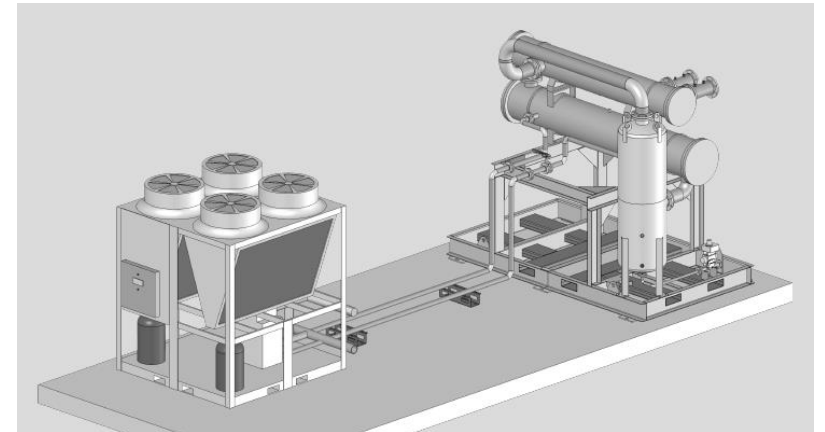
GraniteFuel is your one-stop solution for the design and build of biogas conditioning systems to turn your agricultural and commercial organic waste into fuel for a wide range of applications.



Biogas Membrane Separation



H2S Removal

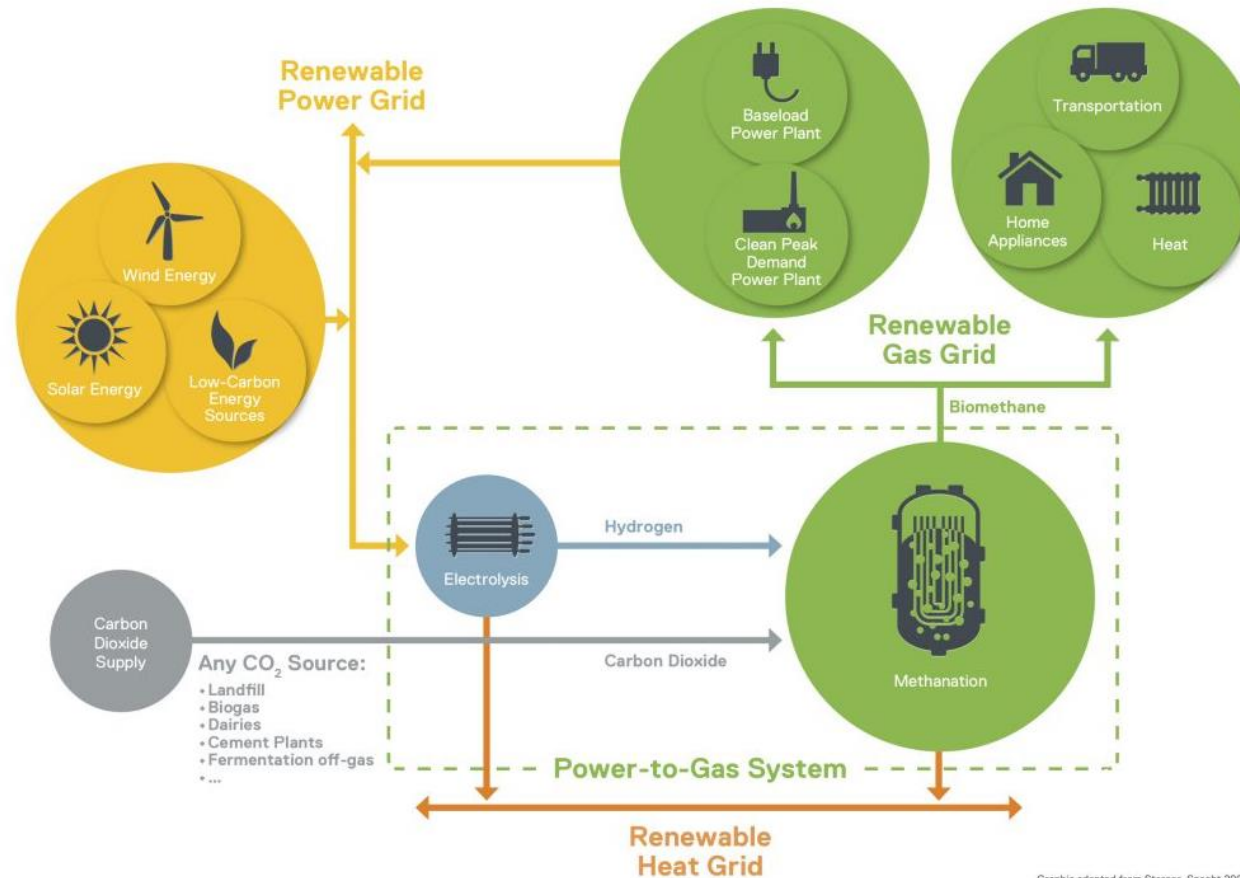


Chilling/Dehydration Systems



# Electrochaea : Power to Gas

Proprietary power-to-gas (P2G) process converts renewable energy and carbon dioxide into grid-quality renewable methane for storage and distribution..



Graphic adapted from Sterner, Specht 2008

# FlowPress : Liquid Solid Separation

Clean up and recycling for sustainable farming, construction and municipalities dealing with liquid/solid separation issues from bio-sludge ponds, digesters, & waste water.



***FLOWPRESS***





# CNG Direct : RNG Virtual Pipeline Services

Over the Road Natural Gas Pipeline – loading, trucking, transporting, logistics, & offloading gas into grid injection point. An alternative to the costly process of digging/constructing traditional gas pipelines.



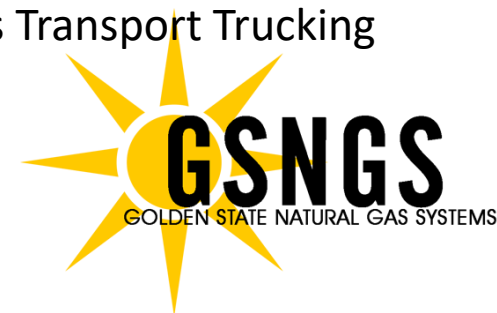
Loading Dairy RNG



Offloading into Gas Grid



Compressed Natural Gas Transport Trucking



# Generator Services: Natural Gas Power Generation

Natural Gas Fueled Generators burn cleaner and save significant costs in fuel compared to diesel and propane. Rentals, Sales, Packaging, and Service.



Nat Gas Generators



Industrial Installations



Engine Packaging





# TruStar: Compressed Natural Gas Fuel for Vehicles

Developing CNG fueling strategies that deliver.

- Station Planning & Design
- Construction Services
- Service and Maintenance
- Fuel Agreements
- RNG



# Additional Solution Partners



Pelleting Systems

**GASMASTER**

Boilers and Water Heaters

**Dos Rios Inc.**  
Getting the job done  
right since 1988

Pipeline Construction



**DIGESTER  
DOC**

Digester Laboratory Testing  
and Monitoring Services







# **Full-Circle Solutions for Renewable Energy**

**Kevin Weddle**

**[kweddle@jps.net](mailto:kweddle@jps.net)**

**530-713-3994**

**[www.goldenstatenaturalgas.com](http://www.goldenstatenaturalgas.com)**