BCCK RENEWABLES

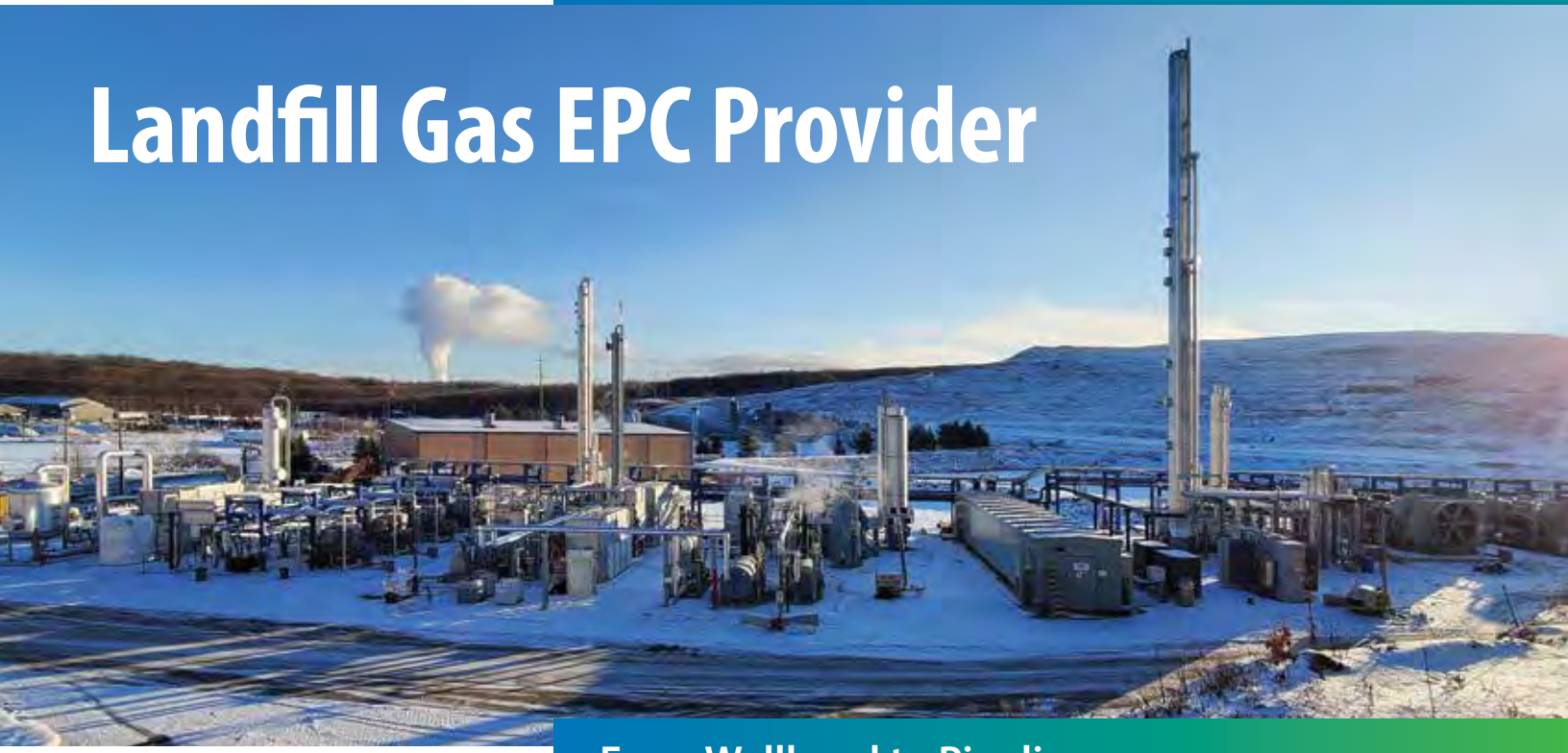
SINGLE SOURCE PROVIDER

Spearheading Renewable Natural Gas Solutions

Impacting global efforts in reducing greenhouse emissions

BCCK's patented technologies play a vital role in high BTU landfill gas, digester biogas and renewable natural gas projects, contributing toward global efforts to reduce greenhouse gas emissions. BCCK's specialized technologies are applicable to the treating and conditioning of renewable natural gas containing undesirable levels of nitrogen, carbon dioxide, oxygen, siloxanes and hydrogen sulfide.

Landfill Gas EPC Provider



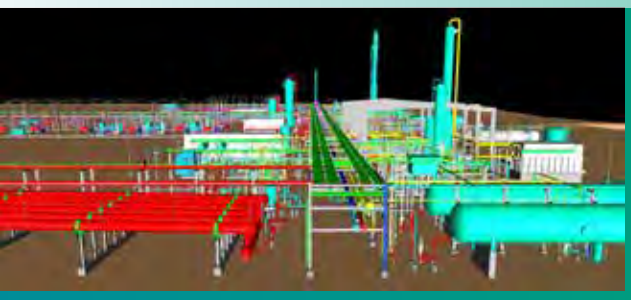
From Wellhead to Pipeline

- Civil and Site Works
- Hydrogen Sulfide Removal
- Dehydration Systems
- Siloxane Removal
- Membrane/PSA Units for CO_2 and N_2 Removal
- Deoxygenation Systems Amine Systems
- Cryogenic Nitrogen Rejection Units
- Compression Packages
- Power Generation Units
- Small-Scale LNG
- Startup and Commissioning

As a full EPC provider and equipment manufacturer, BCCK meets all gas treating needs from high BTU pipeline specifications to lower BTU applications for power generation. Our wellhead to pipeline total solution will ensure the most cost-efficient plant design while eliminating the need for multiple contractors.

Nitrogen Rejection in High BTU Landfill Gas Projects

Although the process of removing the nitrogen from landfill gas is not a new one, BCCK's patented NiTech® nitrogen rejection unit maximizes the gas quality while minimizing the horsepower, equipment and footprint required to achieve it, thus delivering more economical results for landfill gas plants. For larger landfill gas projects our patented NiTech® Nitrogen Rejection Unit (NRU) facilitates the removal of nitrogen while delivering best-in-class methane recovery allowing owners to monetize up to 4% more methane than other technologies.



Small-Scale LNG

Single Source Provider

Extensive cryogenic expertise and expertise in the liquefaction of gases from helium to natural gas make BCCK the ideal partner for small-scale LNG facility projects. Combining with our full EPC capabilities means we provide a single-contract solution that reduces capital expense and enhances safety, scope gap elimination and interface issues, improves project management and delivers reliable timelines. This allows us to deliver the best possible value on every project, ensuring customer satisfaction is exceeded, not just met.

Hydrogen

Hydrogen-to-Power Integrated Solutions Provider

Providing engineering and fabrication solutions for technologies producing hydrogen across a variety of carriers, our flexible and agile nature as a true energy solutions provider has positioned BCCK at the forefront of this emerging fuel source. Whether methanol, ammonia or a host of hydrogen sources, we are the subject matter experts and proud to be early adapters in emerging technologies in the space.

As a solutions integrator, BCCK designs and manufactures methanol to hydrogen reformers integrated with fuel cells, battery, and/or hydrogen fueling infrastructure. By using methanol to hydrogen reformers, these integrated systems will reduce the midstream cost of hydrogen and unlock market potential in hydrogen fueling, EV charging and microgrid applications.

Built in compliance with ASME Boiler and Pressure Vessel Code, Section VIII, Div. I, ASME B31.3, ASME B31.12 and NFPA 2, Methanol-to-Hydrogen L18 generator systems provide the most cost-effective and logistically efficient storage solution while delivering the optimum volumetric density.

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www.bcck.com/renewable-solutions