



**CG/LA Infrastructure
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Leadership Forum
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**“The New Wave”
Lower Cost, Clean Energy
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The “New Wave” of Lower Cost Clean Energy

What is the New Wave?

- Natural gas is expanding rapidly
- For 50 years, LNG has been the only effective way to transport natural gas to global markets
- LNG is a very capital intensive method requiring big cryogenic projects, some totaling \$50-\$70 billion
- Several large players are scaling back LNG projects due to their high price tags
- High costs also have kept many smaller markets from being served

Now, after 50 years, there is a better answer

- Better from a cost standpoint
- Better from an environmental standpoint

**The end of the
LNG megaproject?**



Shell's \$18 Billion Prelude Facility



**Chevron's \$54 Billion
Gorgon LNG Terminal**



The “New Wave” of Lower Cost Clean Energy

The Answer is:

- Energy technology has unleashed an abundant supply of U.S. natural gas and natural gas liquids. Connecting energy-isolated and economically challenged markets to these resources is SeaOne’s business
- SeaOne Holdings, LLC has developed and patented a more cost effective way to transport natural gas and natural gas liquids together in a single liquid cargo, which enables consumers first time access to this supply in the most efficient manner possible
- SeaOne uses conventional oil field process equipment and can produce non-cryogenic CGL™ (Compressed Gas Liquid) for about 15-20% of what it costs to produce LNG
- CGL eliminates costs needed for separate NGL transportation

SeaOne’s Delivery Method

Production & Exportation



Natural gas is combined with NGLs/LPGs into a solvated liquid product, “CGL”, that is easily stored then loaded onto marine gas carriers

Transportation



CGL vessels are purpose-built to meet market demand. Vessels designed for cargo capacities ranging from 0.4-2.0 Bcf of CGL

Receipt & Fractionation



The delivered CGL is stored and fractionated to deliver customers’ natural gas and NGLs/LPGs

Lowering High Fuel Costs

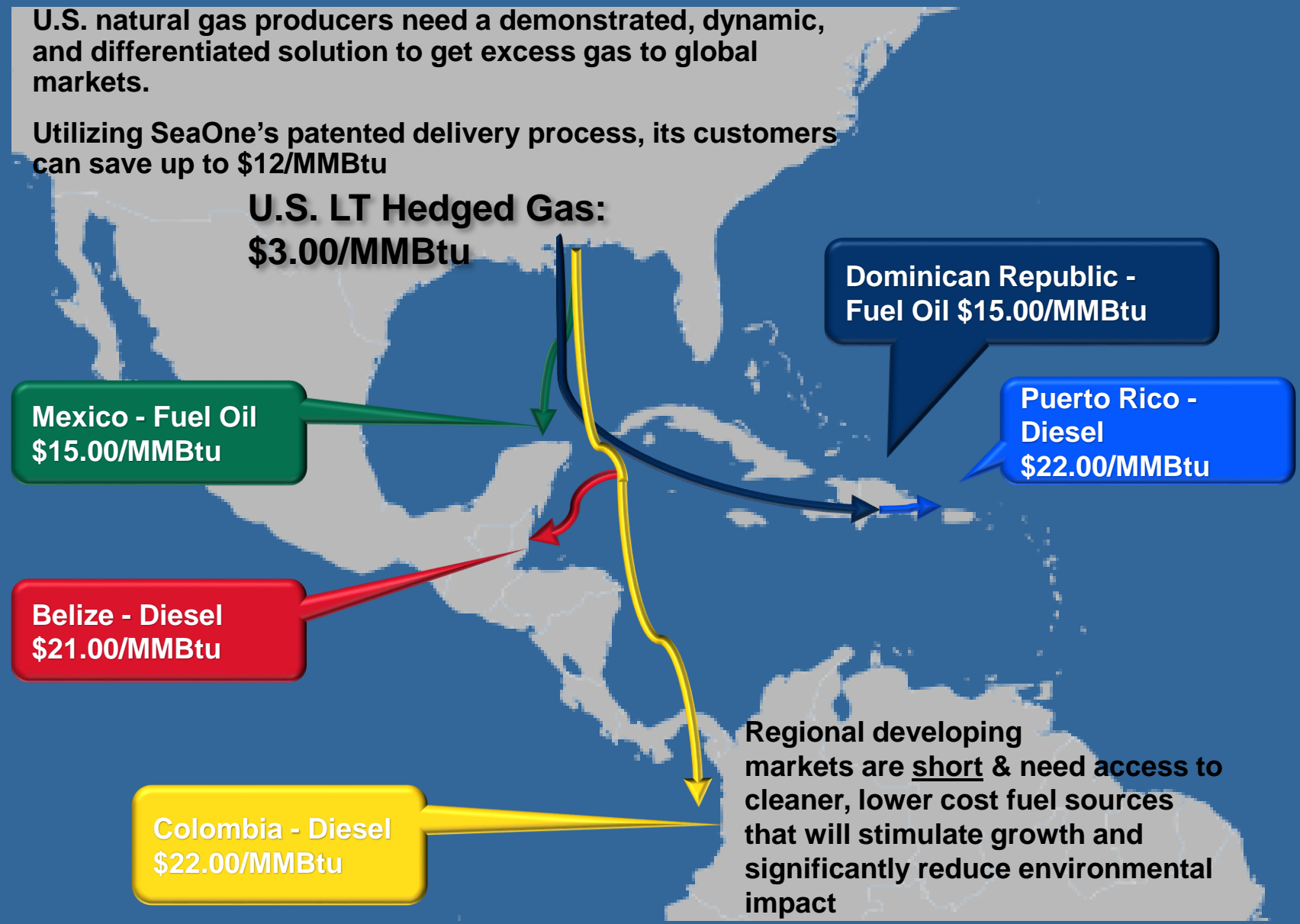
Regional economies, particularly those in the Caribbean, often rely on expensive oil-based fuels for primary electricity generation.

- Cost of electrical generation can be double U.S. power costs
- Imports of high-cost petroleum liquids can be as much as 25% of GDP
- Government budgets burdened by subsidies to cushion energy costs
- Many unable to access higher efficiency energy via cleaner fuels, thus falling behind on sustainability objectives

U.S. natural gas producers need a demonstrated, dynamic, and differentiated solution to get excess gas to global markets.

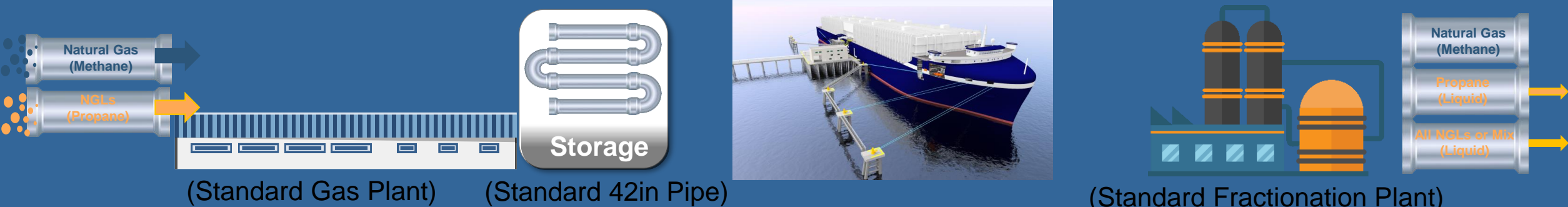
Utilizing SeaOne's patented delivery process, its customers can save up to \$12/MMBtu

U.S. LT Hedged Gas:
\$3.00/MMBtu



Using CGL to Deliver Natural Gas and NGLs

CGL is a solvated product which is the result of SeaOne's patented process of combining natural gas and NGLs for more efficient transportation as a single liquid cargo.



CGL Production, Storage, and Export → **CGL Shipment to Markets** → **CGL Import and Fractionation**

Throughout this simple process, CGL is maintained at -40° Celcius/Fahrenheit, 100 bar/1400 psi



Colombia's Energy Market

Gas / Power Market

- Overall SHORT – Oil-firing is common, gas would be more economical. Environmental push for emissions reductions

Propane / LPGs Market

- Overall SHORT– Imports supplying 15% of demand; no supply for AutoGas initiative and other LPG growth opportunities

Short position forces significant dependence on oil-based fuels:

- More expensive
- Difficult to hedge due to volatile pricing
- Increasingly harmful environmental emissions

SeaOne has responded to this market demand by acquiring the largest Pacific coast port development permitted to multiple energy sectors. It will quickly alleviate shortages and promote and allow growth across multiple energy sectors - natural gas, power, LPGs, crude, & refined products.

Puerto Solo Development

Rendering

Projects

1. 400MMcf/day CGL Receiving Terminal (Natural Gas & NGLs)
2. 80 MW Power Generation Facility
3. LPG Import & Storage Terminal
4. Crude & Refined Products Import & Storage Terminal
5. Truck Loading Facility

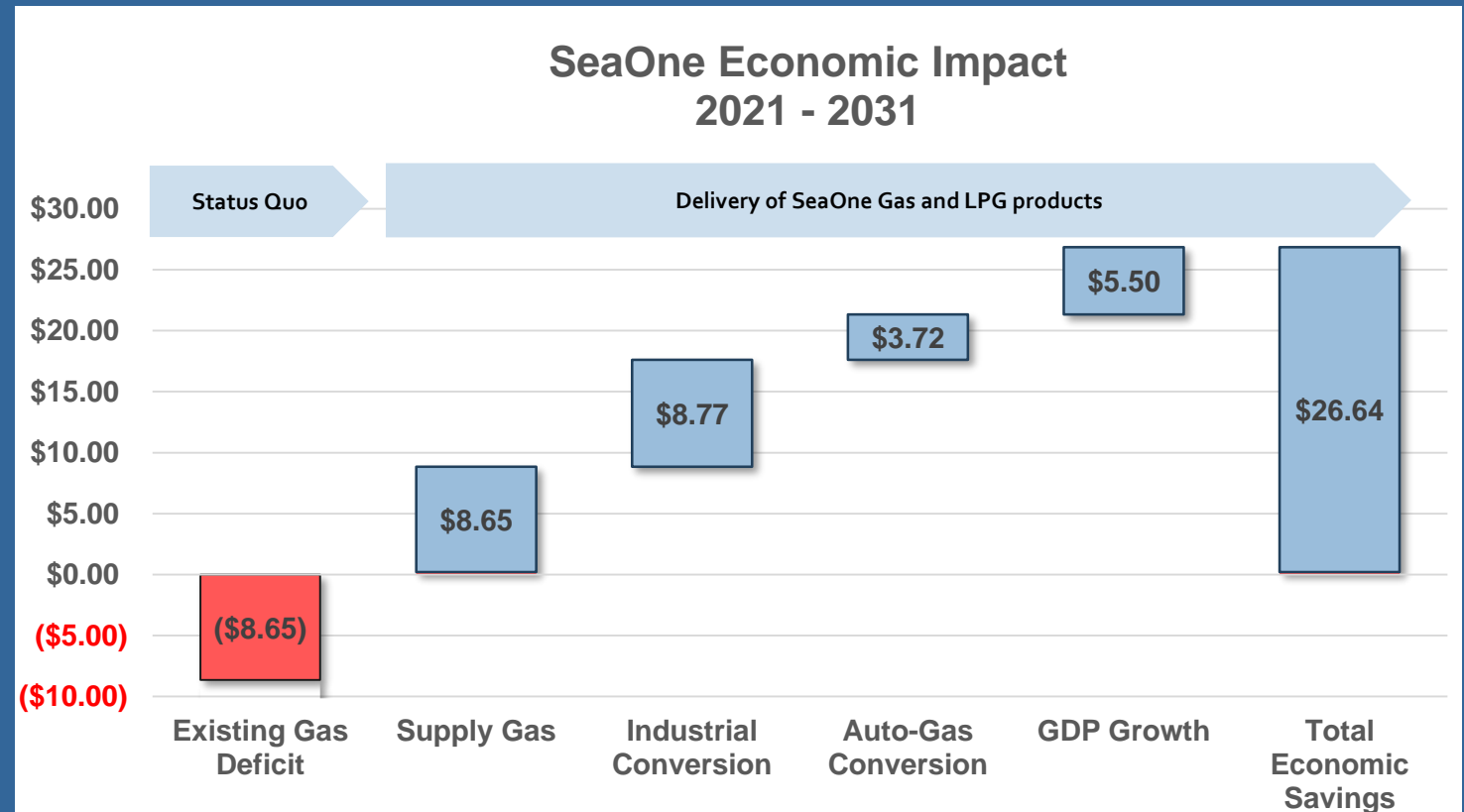


Puerto Solo

SeaOne's Benefits to Colombia

Potential economic uplift from CGL alone of over **\$26 BILLION** for the Colombian economy, fueling GDP growth:

- Mitigates existing gas deficit
- Creates platform for expanded use of cleaner fuel, natural gas & LPGs
- Local LPG distributors need long term supply to support programs such as Autogas that provide cost and emissions reductions
- Provides 60% emissions reductions plus fuel cost savings



Unique Features of SeaOne's Infrastructure Investments

- Helps our neighbors while increasing U.S. exports
- Remakes Caribbean economies, promotes growth
- Major improvement toward environmental goals
- A U.S. answer for lower cost clean energy