Panel Discussion:
Domestic Methanol Industry Resurgence
Sam Golan
CEO Primus Green Energy Inc.
Company Introduction

- American company based in New Jersey started in 2007
- Gas to Liquids (GTL) technology developer
- Methanol and Gasoline plant development
- 35 employees, vertically integrated
- Multiple US and foreign patents
Highly attractive economic solutions

Flare/Off Gas
from Refinery or Petrochemical Plant

Pipeline Gas

Associated Gas
at Oil Wellpad on-shore & off-shore

Primus STG+ Unit

Liquid

Methanol or Gasoline

2014 - Primus awarded Approval in Principal for Offshore Gas-to-Liquid Plant

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Benefits from STG+™ Systems

- Smaller scale with same economics as mega plants
- Prefabricated standardized, modular units
- 18 months from project start to production
- High quality IMPCA grade methanol product
- Delivered to customer site or near cost-advantaged feedstock
- Onshore and offshore applications
- Smaller GHG footprint
Projects underway

- Alberta Methanol Plant
- Marcellus Methanol Plant
- East Mediterranean Offshore methanol plant
- North Dakota Gasoline Plant
- Montreal, gasoline plant
- US purpose built plants
- Oman, flared gas
PGE is developing a methanol plant at an existing chemical facility in West Virginia. Attractive returns result from the combination of low cost feed gas and strong methanol regional demand. Tauber Oil, the largest US methanol distributor, will offtake all methanol from the plant. All modules assembled in United States.

**Site**
- Covestro plant in West Virginia

**Product**
- Phase 1 - 160 MT/D methanol
- Phase 2 – 480 MT/D (3 trains)

**Drivers**
- Attractive project returns
- Low cost feed gas
- Strong local methanol demand
- Existing infrastructure onsite
Thank you!

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