

MARKET TO FARM ENERGY

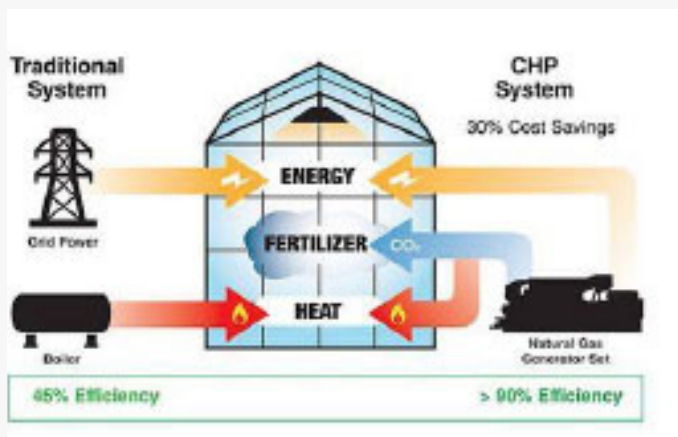


WABASH VALLEY GREENHOUSE CHP

INTRODUCTION

Maverick Energy is an Illinois Basin energy producer applying next-generation resource development technology. In particular, Maverick is positioned to supply combined heat and electricity (CHP), and/or CO₂ to meet the needs of the greenhouse agriculture industry, through development of its coal-bed methane (CBM) assets. The company’s studies have defined a viable concept for delivering right-sized, lowcost, agri-business energy supply from CBM gas-fired power generation facilities, while also capturing the waste heat and CO₂ for greenhouse use.

GREENHOUSE CHP DEVELOPMENT CONCEPT



INVESTMENT HIGHLIGHTS

- Maverick is seeking an agri-business partner to participate in a ground-floor entry into greenhouse business development in the Wabash River Valley of Indiana and Illinois, USA. Maverick will provide the expertise and assets to meet the electrical power, heat, and CO₂ needs of the greenhouse developer under a joint operating agreement. Investment funding will be sought collaboratively.
- The combined heat and power concept provides an energy efficiency of >90% and so improved project economics when compared to traditional grid-purchased electricity and gas boilerbased heat. In addition, the CO₂ from the power generation process can be captured and utilized to enhance plant growth.
- The electricity for greenhouse illumination will be provided by a natural-gas fired generation package, sized to the greenhouse. Waste heat is recovered from the generator drive engines and circulated through a hot water system to warm the greenhouse. Impurities are removed from the exhaust gas, and the CO₂-rich stream piped in for up to 140% crop efficiency improvement.

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- The fuel gas will be supplied through on-site development of existing coal bed methane deposits underlying the Wabash Valley area. The CBM development viability has been demonstrated through drilling and production activity over the last several years. Proven horizontal drilling techniques that unlock the coal bed resource have been refined. The coal bed wells produce high quality/ BTU natural gas, and have been designated a renewable resource in Indiana.
- The Wabash Valley is also known for its ample water resources, strong migrant workforce that supports traditional farming, and a supportive economic development and regulatory environment.
- With demonstrated success, there is further upside from project expansion and possibility of cost reduction through concept replication, the integration CHP efficiencies with other nearby light industry, and/or the use of CO2 in nearby enhanced oil recovery.
- Maverick's management team has basin operating experience, state and local relationships, extensive experience delivering successful oil and gas projects, and will operate the production and generation facilities on behalf of the partnership.



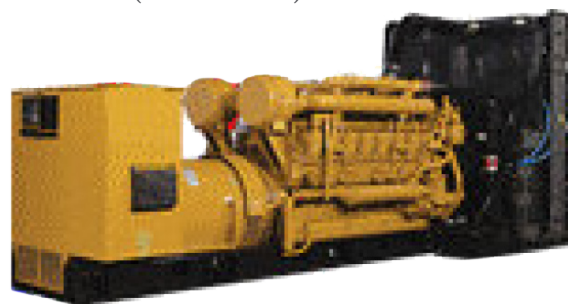
TRANSACTION TERMS

Capital Commitment	CBM-to-power development: \$xx mm initially in Equity plus Management Fee
Legal Form	Take-or-pay commitment to electricity, heat, and/orCO2
Capital Structure	Equity Investment in greenhouse, with Maverick separately funding and developing CBM-to-CHP assets
Target Investment	Greenhouse development with CBM-based integrated power generation
Project Location	Indiana/Illinois, USA
Production Rate	0.5 MM cubic feet of natural gas per day generating up to 2 MW of electric power
Return Target	20% IRR
Development Period	2 years
Project Life	20+ years thereafter

DEAL STRUCTURE

	Development	Working Interest
Equity Capital Injection	xx mm USD	Targeting 100%
Go Forward Model	Construct greenhouses, drill CBM production wells and install CHP generation facilities.	

ELECTRICAL GENERATOR PACKAGE (TYPICAL)



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