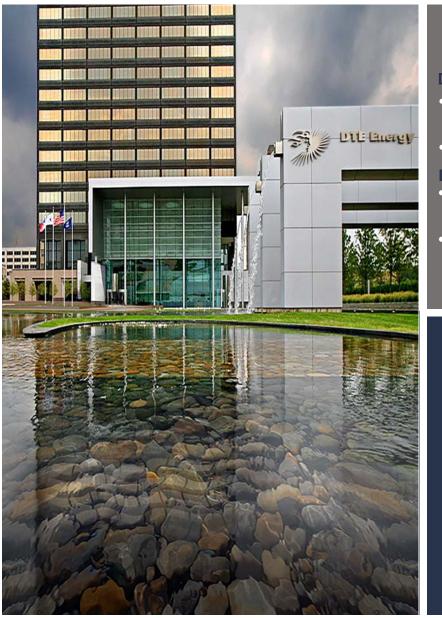
DTE Customer Meeting October 22, 2019

DTE overview – A Diversified Company

DTE



70% - 75% Utility

DTE Electric

- Electric generation and distribution
- 2.2 Million Customers

DTE Gas

- Natural gas transmission, storage and distribution
- 1.3 Million Customers

25% - 30% Non-utility

Gas Storage & Pipelines (GSP) Transport, store and gather natural gas

Power & Industrial Projects (P&I) Own and operate energy related

Energy Trading Gas, power and renewables



DTE Large Projects – Investments for the Future



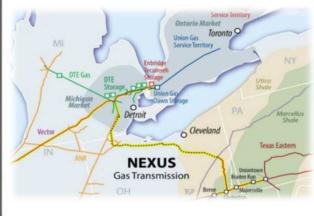
Blue Water Energy Center



• \$1 billion investment in new natural gas plant

- Replacing three coal-fired plants and supporting DTE's goal to reduce carbon emissions
- Construction began spring 2019 with operations to begin spring 2022
- Over 20% complete with a significant amount of civil work completed

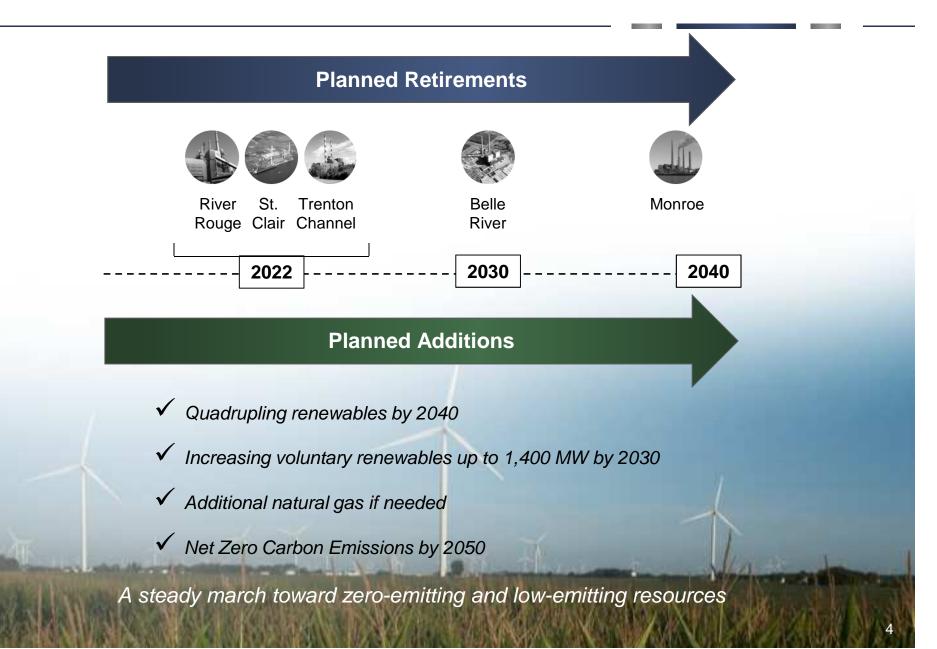
Nexus



- 50/50 Partnership between DTE and Enbridge
- In-Service 10/2018
- 255 Mile, 36 Inch Pipe, 1.5 Bcf/d
- Access to the Largest and Fastest Growing Basin in North America
- Reduces Prices and Volatility

Replacing Coal with Natural Gas and Renewables





DTE Projects of Interest



Ford/DTE Partner on Ford Campus of the Future





TITAN 130 Gas Turbine Compressor Set

Oil & Gas Applications





Compressed Natural Gas - Increases Savings and **Reduced Emissions**



Compared to Diesel, Natural Gas emits:

99% less sulphur oxide (0.005% of diesel) 80% less nitrogen oxide (18% of diesel) 40% less CO2 No heavy metals or soot particles

DTE Projects of Interest

Camus Sustainabiliy

COGENERATION LEGEND Generator Turbine Duct By-Pass Stack By-Pass Damper Exhaust Stack HRSG Supplemental Duct Burner Steam Drum Natural gas input here Electricity to campus Steam to campus

EASTERN MICHIGAN UNIVERSITY

AND AL

DTE

amazon DTE

DTE Projects of Interest

Amazon's Michigan Impact

- 4 Distribution Centers
- \$420M Invested
- 5,000 + Jobs



6/2/18



4/26/19

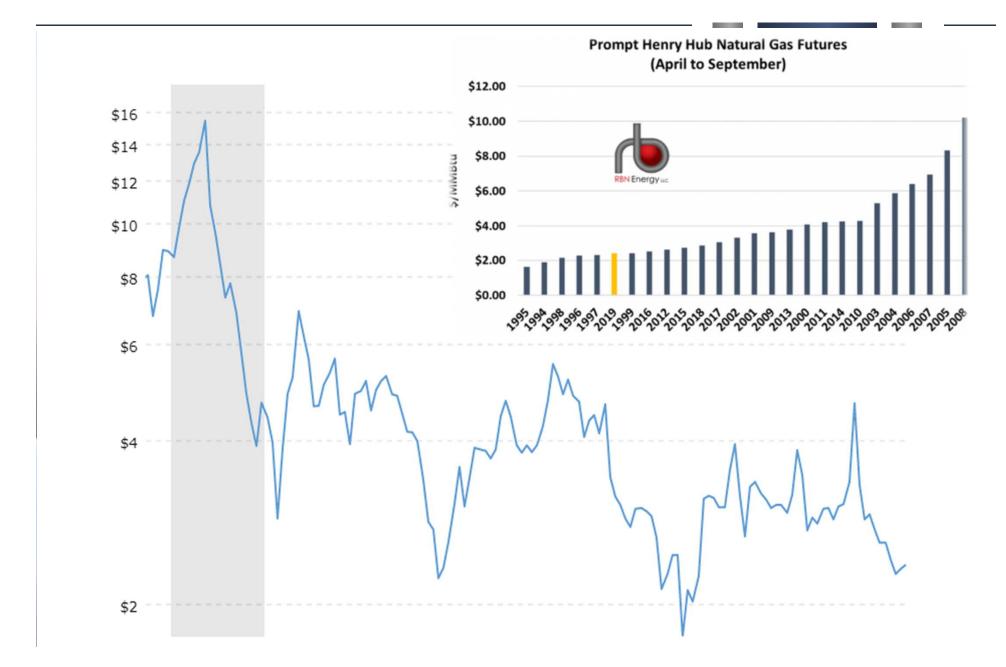
DTE Projects of Interest

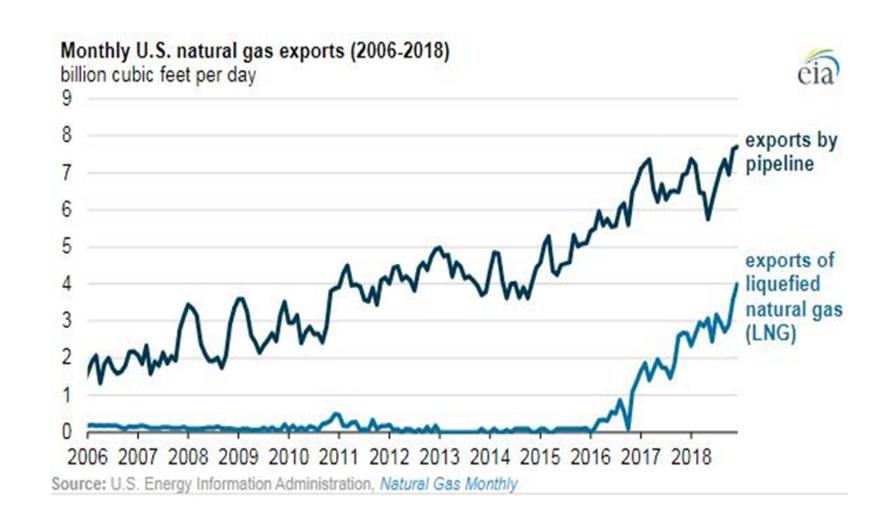
Largest Particle Board Plant in the World



Pricing & Production

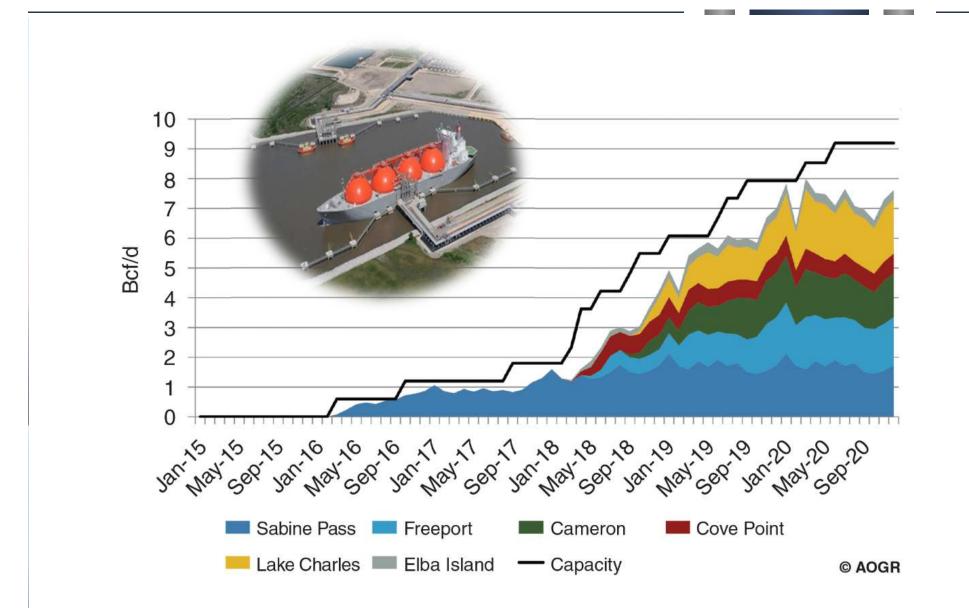






LNG Exports – Import to Export

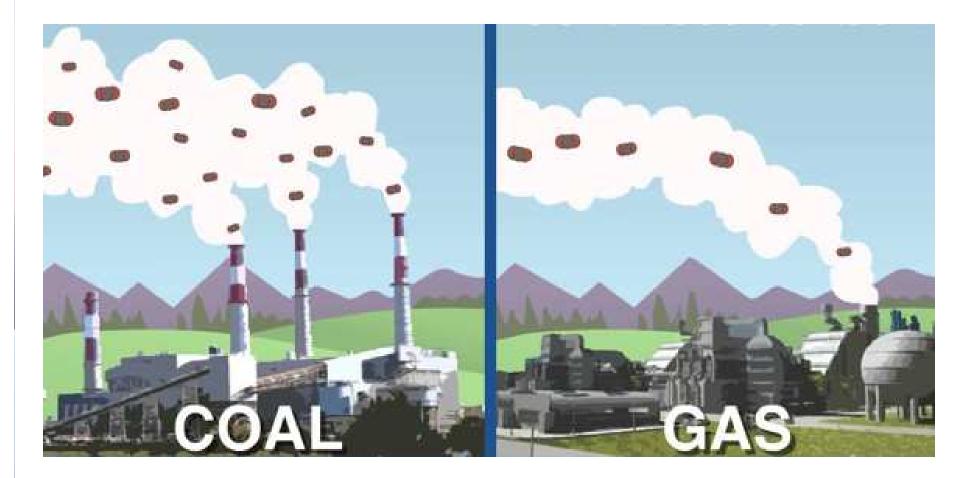




Emissions



Coal to Gas Switching = 40% Reduction in Carbon Footprint





energir

Renewable Natural Gas Program

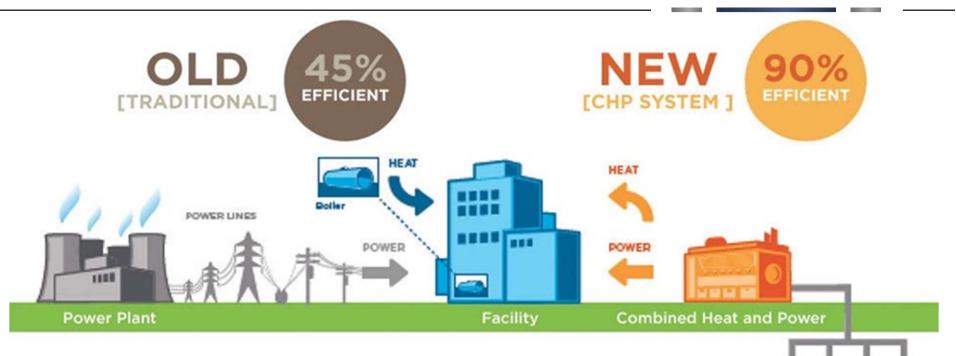


• Sustainable Natural Gas Program

What is Combined Heat and Power



Natural Gas



Benefits of Combined Heat and Power

- Efficient Use of Energy
- Reliability, Redundancy, and Resiliency
- Economics and Cost Stabilization
- Reduce Carbon Footprint
- Microgrid Anchor

CHP MicroGrid Compatibility





OPTION #5 – CHP + Solar PV







OPTION #6 – CHP + Wind



OPTION #7 – CHP + Solar PV + Wind + 20% Energy Efficiency









