



2025

GasTechno Energy Center Opportunity

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The Story Behind The Mission

The American Garage...

MAGLITE[®]

Disney+

Google

amazon

MATTEL[®]

hp

GasTechno[®]
ENERGY AND FUELS

Apple

MOTOR
HARLEY-DAVIDSON
CYCLES

...where Revolutionary Companies are born!



2007 - Concept



2008 - Prototype



2010 - Garage Pilot



2011 - Field Pilot



2012 - Garage Demo

Our Journey



2013 - Field Demo

2016 - Commercial Start

2017 - Tech Validation

2017 - 2018 North Dakota

2019 - 2025 Michigan





GasTechno - Key Facts Sheet



Resilient Business Model

- Multiple revenue streams, including franchise licensing, landfill-gas JVs (methanol sales), and standalone sales of Mini-GTL plants (technology provision) that allow revenue diversification and risk mitigation with carbon-based markets growing rapidly
- Business model ensures vertical integration and value capture in the entire methanol value chain, from providing technology to production and low emissions truck conversion sales

Leading Technology

- Technology portfolio offers one of the world's most established and patent-protected direct methanol pathways to renewable fuels as validated by AON Intellectual Property Group
- Relatively smaller size (compared to plants with same capacities) and modular nature of GasTechno Mini-GTL plants enables quick cash flow generation due to its low capex and construction/commissioning time required by leading competitors

Abundant Feedstock

- Feedstock required is landfill gas, which will be used for the conversion of methane to methanol through GasTechno's renewable fuel pathways such as biogas to methanol and then at its GasTechno Energy Centers to make hydrogen and convert FCEV & MeOH trucks
- First JV in the US has been agreed on deploying 100 projects at landfills that are strategically located for Class 8 fleet truck owners using a common local and regional delivery model

Secure Offtake

- GasTechno will franchise its turnkey GasTechno Energy Centers with a focus on Class 8 fleet truck conversions using corporate membership packaged plans
- GasTechno Energy Centers franchise owners each purchase a 10-year, methanol contract for 1-delivery truck per day (5,500 gallons) using its own Methanol Class 8 truck operation

Favorable Markets

- Policies like LCFs and IRA in US and RED II and RED III in Europe are driving increasing low CI renewable fuels and GasTechno has worked with World Bank GGFR in past 15 years
- Global growing demand for methanol from various sectors, including shipping and SAF production with a focus by global shipping and transportation sectors leading the demand

Our backstory and future plans



Gas Technologies LLC was founded



First innovative Gas-to-Liquids (GTL) prototype



Modular Mini-GTL® patented tech system is developed



Commercial start and tech validation of first plants



Production of NGL's and methanol from associated flare gas in North Dakota



GasTechno Energy Center located in Boyne Falls, Michigan for R&D, and manufacturing GTL plants

#1 ranked for IP in Michigan

2004

2008

2010

2016

2018

2022



GasTechno Corp was founded



GasTechno Corp Issued Regulation S Offering

GASTECHNO CORP
12-31-23 and 12-31-24 PCAOB Audits To Be Completed For:
GAS TECHNOLOGIES LLC
GASTECHNO ENERGY & FUELS (USA) LLC
GASTECHNO ENERGY & FUELS HOLDING (UK) LIMITED
GASTECHNO ENERGY & FUELS (SG) PTE. LTD.
GASTECHNO ENERGY & FUELS (MY) SDN. BHD.

Complete PCAOB Audits of 5 Subsidiaries



File S-1 SEC For Direct Listing on NYSE



Direct Listing Approval on the NYSE

Nov 5, 2024

Feb 7, 2025

May-July 2025

Aug-Sept 2025

Nov-Dec 2025

The IP and AI Brains Behind The Operation

Portfolio Statistics – GtL and Direct GtL Landscapes

GTL stands for Gas-to-Liquids

GtL Landscape

Company	US Grants	US Apps	US Total	Int'l Grants	Int'l Apps	Int'l Total	WW Grants	WW Apps	WW Total
Gas Techno	14	0	14	14	5	19	28	5	33
Linde	37	3	40	48	47	95	85	50	135
Haldor Topsoe	31	4	35	110	89	199	141	93	237
Shell	25	0	25	57	29	86	82	29	111
Air Liquide	19	2	21	35	21	56	54	23	77
EnBW	12	0	12	0	0	0	12	0	12
Exxon Mobil	11	0	11	12	6	18	23	6	29
Velocys	1	1	2	0	1	1	1	2	3

Direct GtL Landscape

Company	US Grants	US Apps	US Total	Int'l Grants	Int'l Apps	Int'l Total	WW Grants	WW Apps	WW Total
Gas Techno	11	0	11	14	1	15	25	1	26
Linde	0	0	0	0	0	0	0	0	0
Haldor Topsoe	0	1	1	0	4	4	0	5	5
Shell	0	0	0	0	0	0	0	0	0
Air Liquide	0	0	0	0	0	0	0	0	0
EnBW	0	0	0	0	0	0	0	0	0
Exxon Mobil	0	0	0	0	0	0	0	0	0
Velocys	0	0	0	0	0	0	0	0	0

Landscape statistics as of July 31, 2020, with GasTechno numbers updated as of February 2021.

Patents and Technology
Leadership

North Dakota 7-Month Operations (2017-2018)



Gas Flaring Reduction Applications



GasTechno GTL Plant Tested in MI Running on Flare Gas



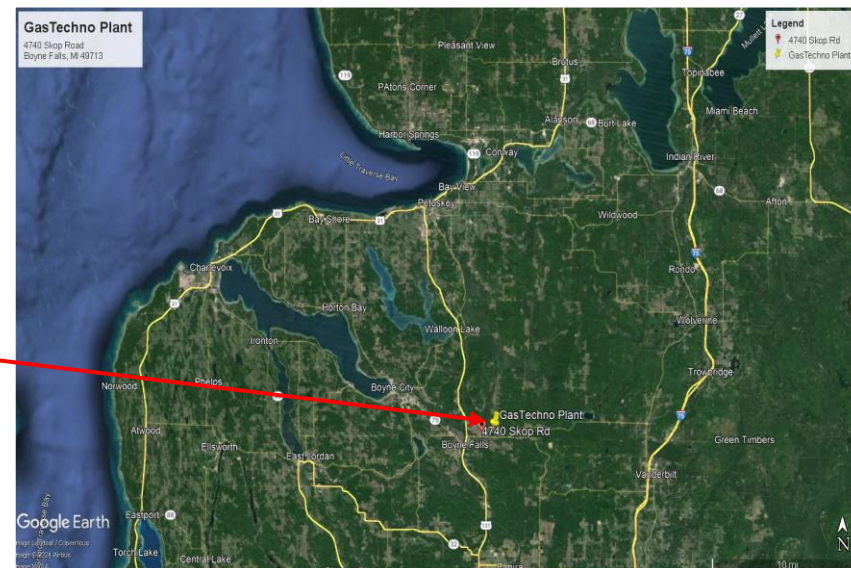
The standard Capex for the GTL Plant includes the GTL-750, Gas Cleanup to RNG and a 1 MW raw gas Power Plant. The GTL Plant is scaled to process 1,250 SCFM of raw gas and produce 625 SCFM of RNG. The plant produces before converting into methanol and Ethanol 900 MMBTUs of RNG Daily.

About GasTechno: GTL Plant



Our First GasTechno Energy Center in Michigan

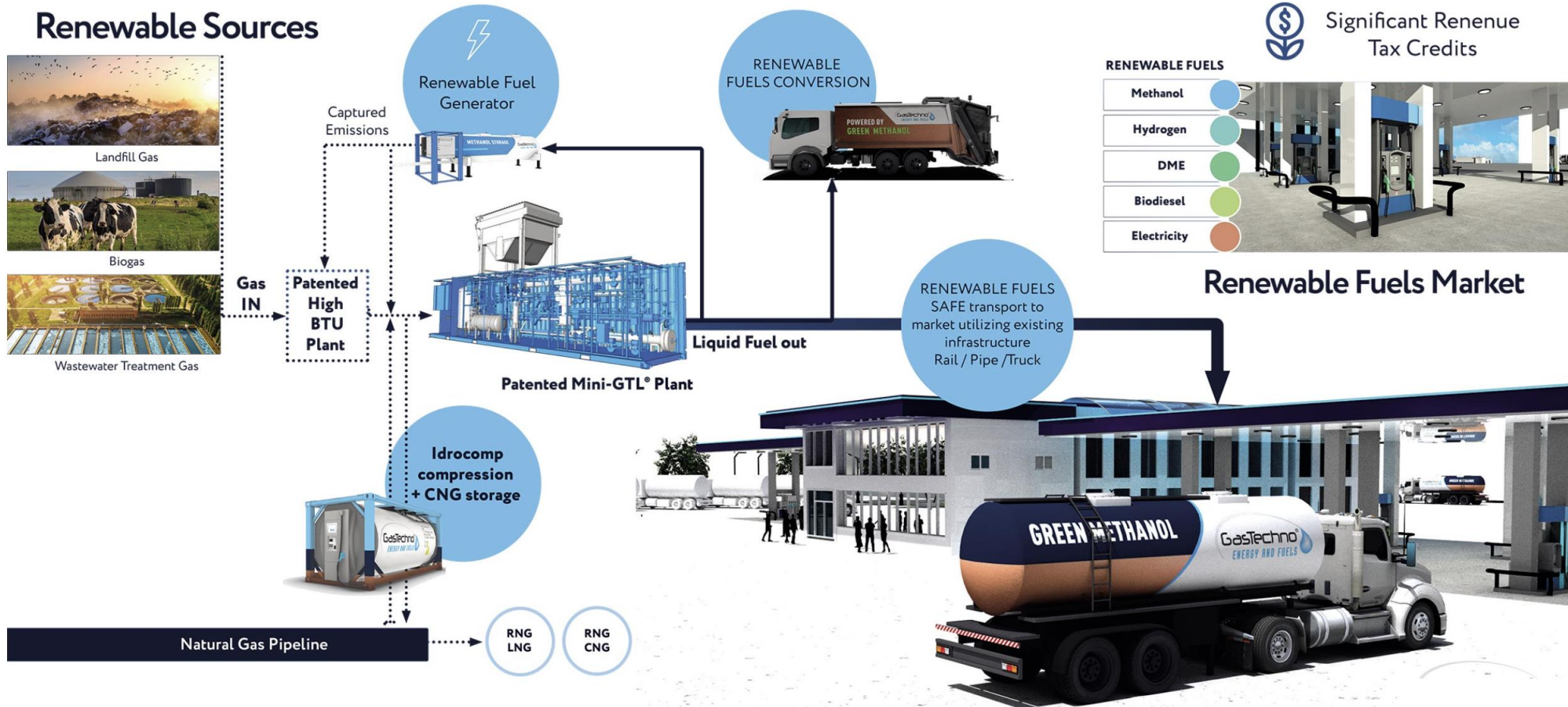
- Capital has been invested since May 2022 in the nations first GasTechno Energy Center and manufacturing facility
- The Energy Center is located at **4740 Skop Road, Boyne Falls, MI 49713.**
- Manufacturing will produce one GTL-750 plant per month. The site has on-site Class 8 Truck Conversions at the GasTechno Energy Center.



Our GasTechno Energy Center Carbon Pathway

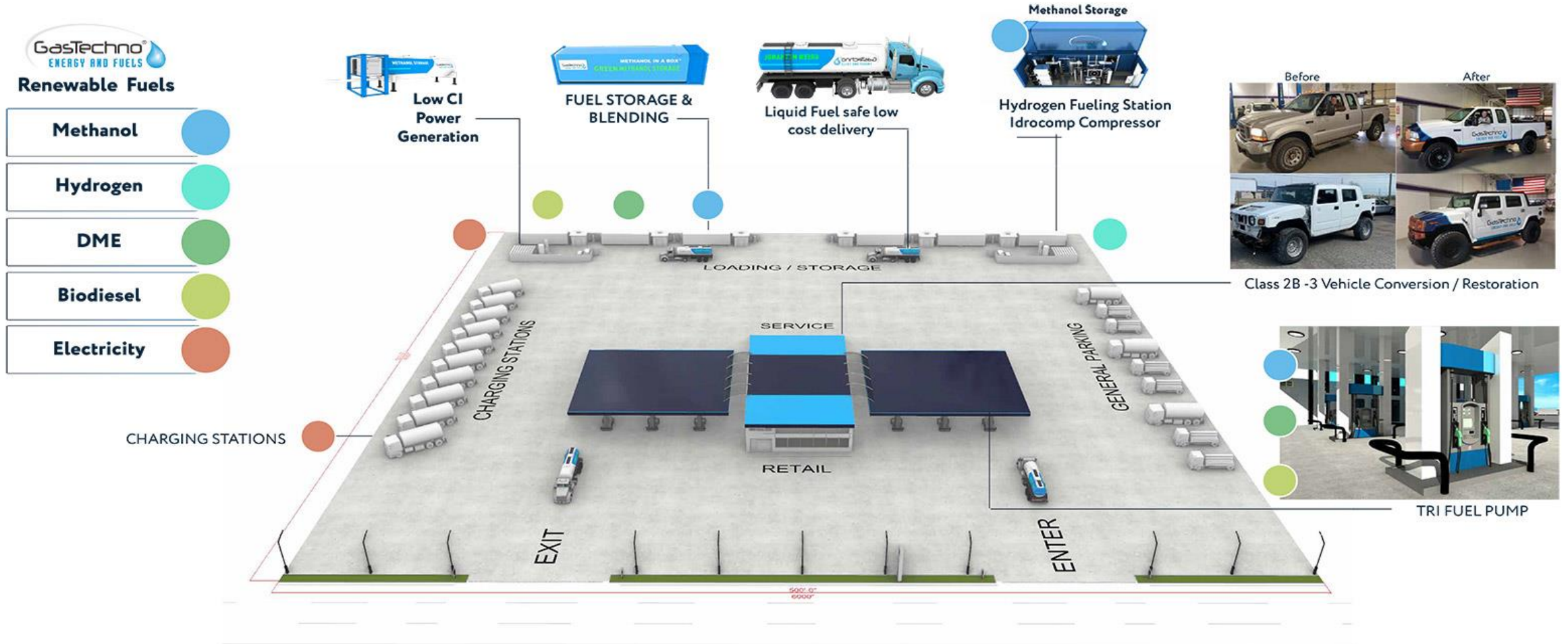


Production of clean fuels for different applications



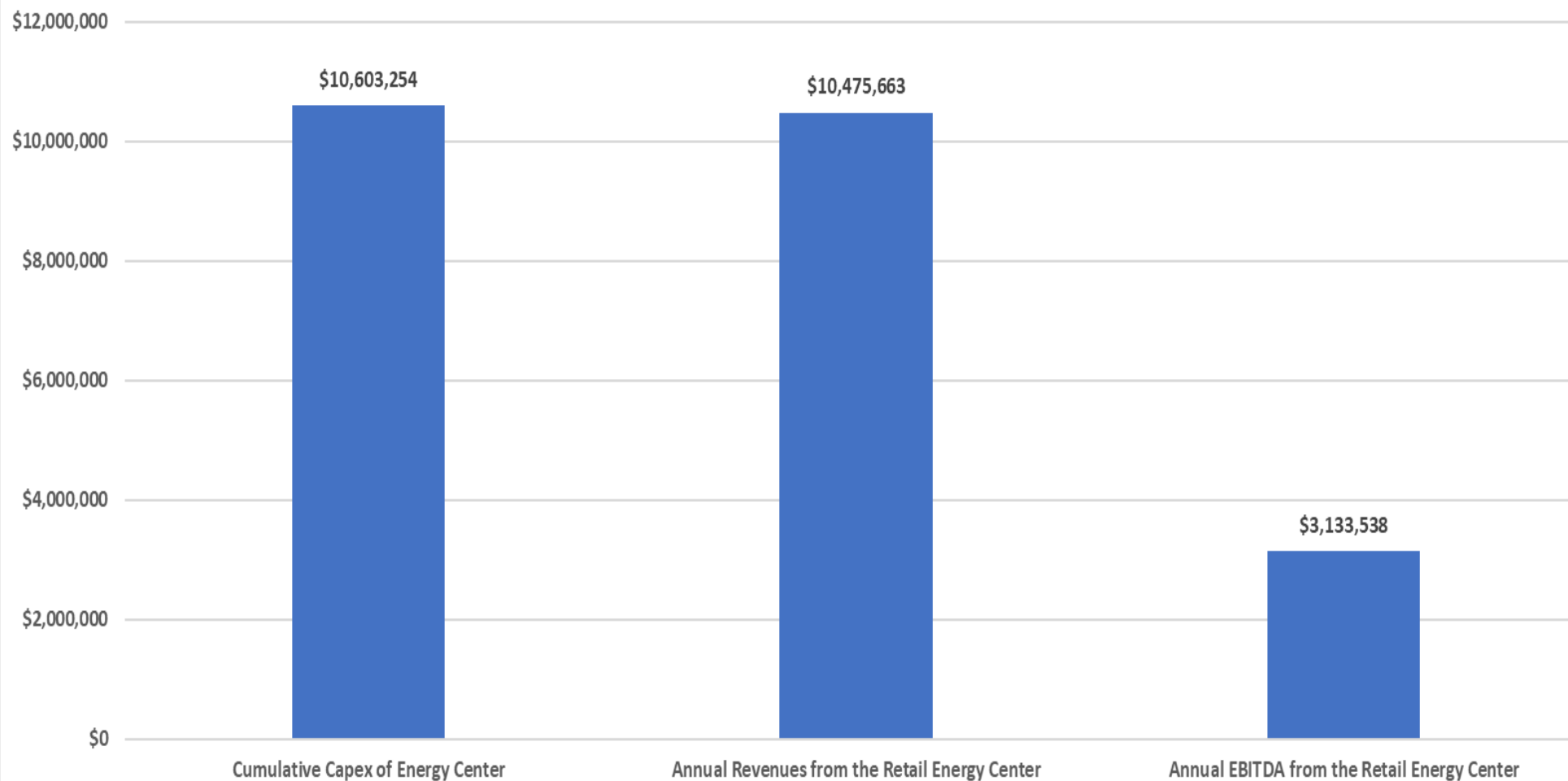
Our GasTechno Energy Center

America's First Renewable Energy Center




GasTechno Energy Center Economics

Investment & Return for a GasTechno Energy Center



5,500 gallons of methanol per day from 1500 scfm raw landfill gas
50% sold for Class 8 Trucks as methanol truck conversions
50% sold for Class 8 Trucks as H₂ fuel cell vehicles (FCEVs)
2.24 gallons of methanol with 1.35 gallons of water into 1 kg of H₂.
\$4.44 cost per kg of H₂
\$3 per gallon (\$1,000/MT) cost of MeOH

GasTechno Energy Center - \$8 to \$12+ sales prices per kg of H₂

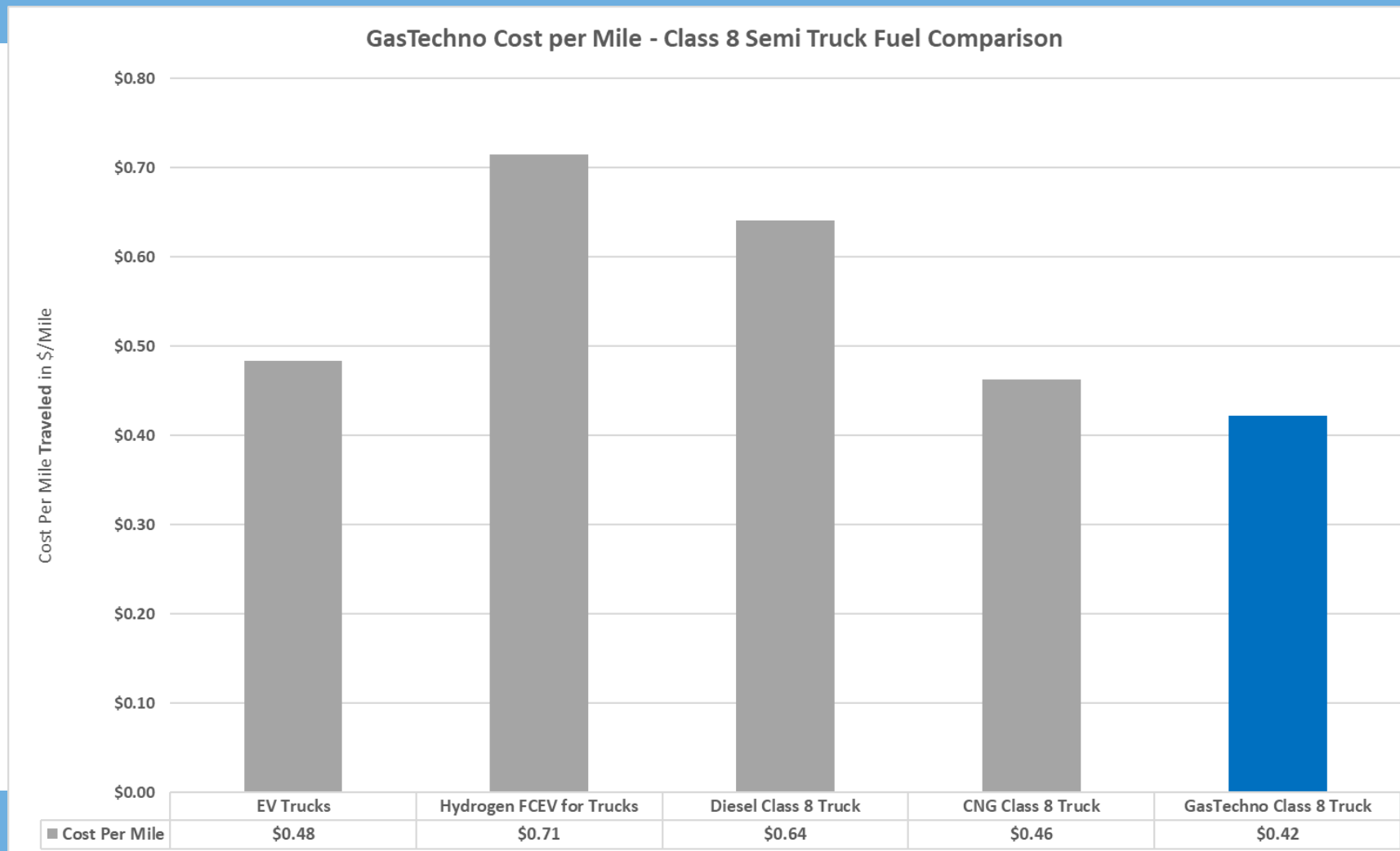
	FirstElement CA, USA \$36.00/kg unch		Iwatani CA, USA \$29.99/kg unch		Air Products CA, USA \$29.99/kg unch
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Gaseous hydrogen fueling prices at public stations in California remain unchanged this month

Source: SEP, prices are as of 2/24/2025.



Class 8 Truck Cost – Lowest Cost Methanol





Methanol Conversion Kit Services at the Energy Center

Diamond - EV powertrain + IC Renewable Fuel Conversion

convert existing vehicles into a **Mobile Power Plant** with Electric powertrain & onboard POWER Generation



Diamond Kit EV Powertrain + IC Renewable Fuel Conversion Kit / Generator



Renewable Fuel Credits



Dual Fuel option



On-site Power



On-board Power



Regenerative Tech.



Hybrid

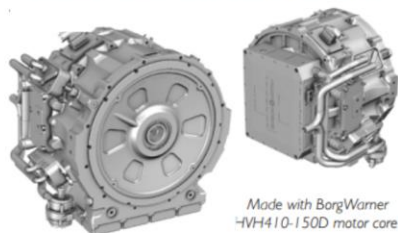
Create a **MOBILE POWER PLANT** with electric power + Renewable Fuel Generator + plug-in hybrid technology



CI = -356

Biogas
Source

Peak Power 425kW (570hp) at 750Vdc



Made with BorgWarner
-IVH4110-150D motor core

Peak Torque	2620Nm
Peak Power	425kW
Continuous Torque	1700Nm
Continuous Power	234 kW
Maximum Speed	6000rpm
Weight	190 kg
Motor Cooling Medium	Dexron VI
Inverter Cooling Medium	50% E.G. / 50% Water
Maximum Water Temperature	80°C (Peak performance below 45°C, Mild Derate 60-80°C, No Torque at 100°C)
Combined Efficiency	95% peak (@200Nm, 5500rpm)



Renewable Fuel
IC conversion / Generator

Thermal system cooling



Integrated Hybrid
Module



MOBILE POWER PLANT - onboard power generation for onsite & backup applications
Bi-Directional onboard charging

Less Battery
Module(s)

Battery
Management



Electric Motor(s) & controller(s)



Power Electronics
Controller

Renewable Fuels Tank(s)

Existing Vehicle: Remove starter, alternator, crankcase, transmission, drive axle when applicable

THANKS

Get in touch!



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