

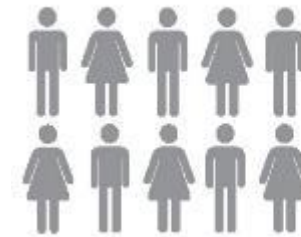
US DOE Community Partner Projects:

U.S. Fuels Across America's Highways -- Michigan to Montana (M2M)

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Gas Technology Institute
April 2018

Company Overview

- > Independent, not-for-profit established in 1941
- > GTI provides solutions to clients in the private sector, federal government, and state government agencies
 - 300+ Active Projects
- > Applied collaborative research, development, & demonstration across the energy value chain
 - Supply, Conversion, Delivery, and Utilization



RESEARCH & DEVELOPMENT



PROGRAM MANAGEMENT



TECHNICAL/ ANALYTICAL



CONSULTING



TRAINING

U.S. Office Locations

GTI Office Locations

- Des Plaines, IL (Headquarters)
- Capitol Hill
- Woodland Hills, CA
- Davis, CA
- Houston, TX

Subsidiary Locations



- Chicago, IL



- Oakland, CA
- West Sacramento, CA
- Davis, CA
- San Ramon, CA
- Los Angeles, CA
- Cazenovia, NY
- Austin, TX



Michigan to Montana I-94 Corridor Project (M2M)

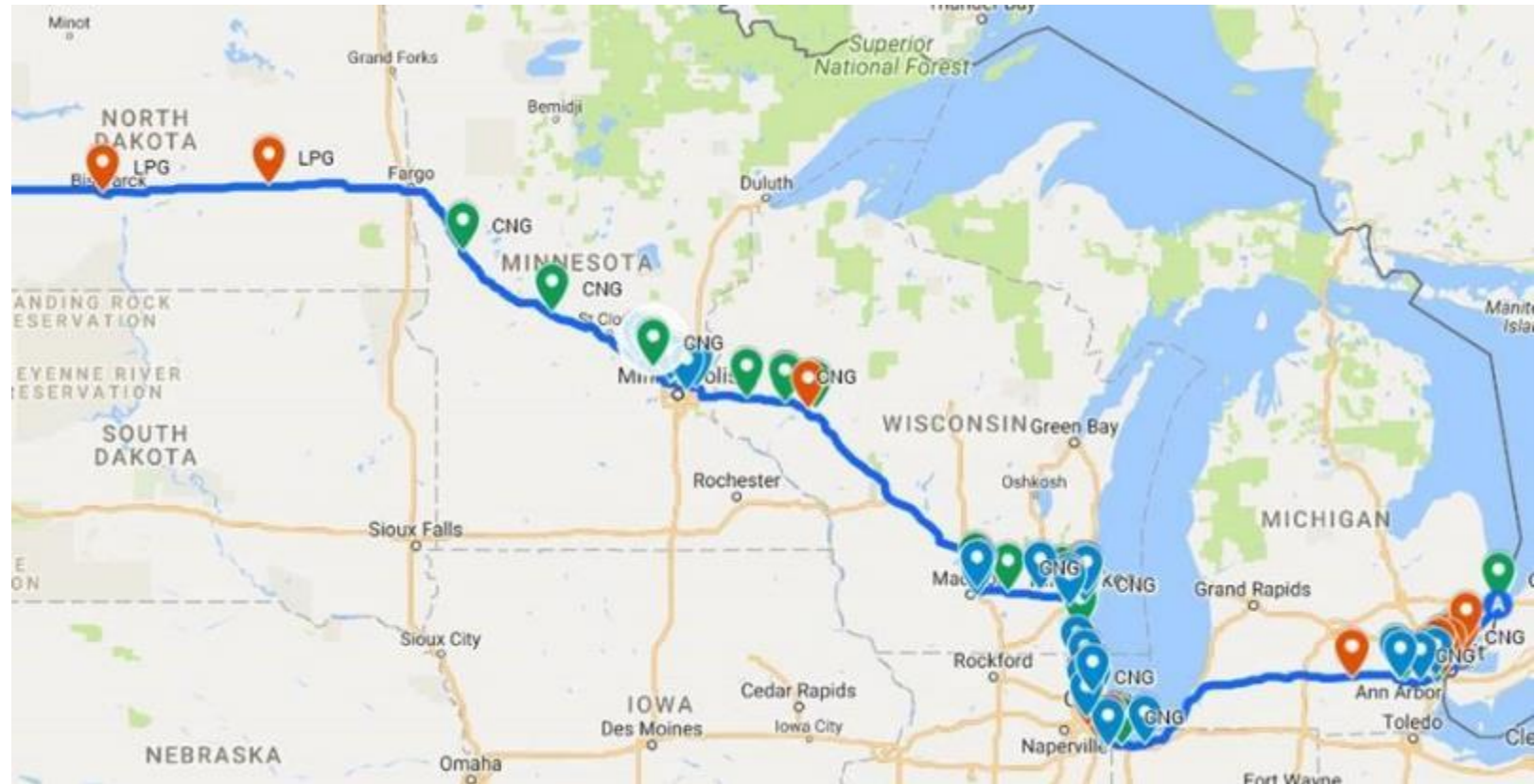
- US DOE selected M2M Project to receive \$5M with \$5M in participant cost share
- M2M alternative fuel corridor - along I-94 from Billings, MT to Port Huron, MI
- Project started July 2017; focus on Electric, Natural Gas, and Propane
- Goals include:
 - Develop team to guide the creation of an alternative fuel corridor
 - Deploy selected stations and vehicles
 - Provide outreach, education, and training to support sustainable alternative fuel markets





Michigan to Montana I-94 Corridor Project (M2M)

- M2M corridor will cover I-94 from Billings, MT to Port Huron, MI
- **Deployment:** 60 trucks and 15 alternative fueling stations committed
- **Planning:** Sustainable alternative fuel corridor model (outreach, training, community-based partnerships)



Existing Fueling Station Map – M2M Corridor (Blue – DCFC, Red – Propane, Green – CNG)



Michigan to Montana I-94 Corridor Project (M2M)

Project Plan

- Provide leadership through community-based partnerships with Clean Cities Coalitions, State DOTs, SEOs, station providers, fleets, and utilities
- Deploy fueling stations (electric vehicle (EV) DC Fast Chargers, CNG, and propane stations) and CNG long-haul trucks
- Identify and fill gaps in alternative fuel station locations
- Leverage and expand on existing Smart Mobility programs in this region
- Provide outreach, education, and training to critical stakeholders

Michigan to Montana I-94 Corridor Project (M2M)



Role	Organization(s)
Awardee	Gas Technology Institute (GTI)
PLANNING TEAM	Greater Lansing Area Clean Cities, MI
Clean Cities	South Shore Clean Cities, IN
Coalitions/Member Organizations	Chicago Area Clean Cities, IL
	Wisconsin Clean Cities, WI
	Twin Cities Clean Cities Coalition (ALA), MN
	North Dakota Clean Cities (ALA), ND
DEPLOYMENT TEAM	Infrastructure providers – ZEF Energy (DCFC), Trillium (CNG),
Private Sector	Landmark (Propane)
Partners	Public and Private Fleets – Kwik Trip, CTS
Community-based Stakeholders	Michigan Energy Office, MI
	Tri-County Regional Planning Commission, MI
	Indiana Dept. of Environmental Management, IN
	Wisconsin Office of Energy Innovation, WI
	City of Minneapolis and City of Saint Paul, MN
	University-based Smart Mobility Programs
	DOTs (Federal, States, Major Municipalities)
	Utilities



Michigan to Montana I-94 Corridor Project (M2M)

Outreach Plan

- Dedicated website to highlight lessons learned, identify key stakeholders, document best practices and leverage existing US DOE information
- Case studies for specific industries and community partnerships
- Marketing communications strategy to build awareness and visibility for promoting alternative fuel use in the seven-state region

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