



Hoffman Road Site

2023

Alma, Michigan



For additional information please contact

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Consumers Energy *Count on Us*



Michigan and the Energy Ready Site's Location

Globally Accessible Supply Chain

Michigan is within 500 miles of nearly half the U.S. and Canadian population and commerce centers, providing unparalleled access to market.



Michigan Means Pure Opportunities

From our “Energy Ready” certified sites and a robust talent pipeline to clean energy solutions and competitive rates, we connect all the dots to demonstrate why Michigan is the place to do business.

This Energy Ready document is our assessment of this site's energy potential. You'll find details about the site's existing energy infrastructure and estimated costs to adjust the site's features based on how your business might use energy.

For electric loads greater than 35 MW, we have an economic development rate to provide the most cost-effective energy solution.





We can deliver a more precise project proposal with how your business uses energy, including, ways to help you save on energy costs and helping address your sustainability goals.

To provide a more detailed project proposal, for electric use we will need diversified peak demand in megawatts (MW), estimated annual use in kilowatt hours (kWh) and hours of operation. For natural gas, we will need estimated hourly use in thousand cubic feet per hour (MCFH), estimated use in thousand cubic feet (MCF), and required delivery pressure in pounds per square inch gage (psig).

To learn more about how we can work together, please contact:

Valerie Christofferson at 616-648-2777 or valerie.christofferson@cmsenergy.com.

Site Advantages

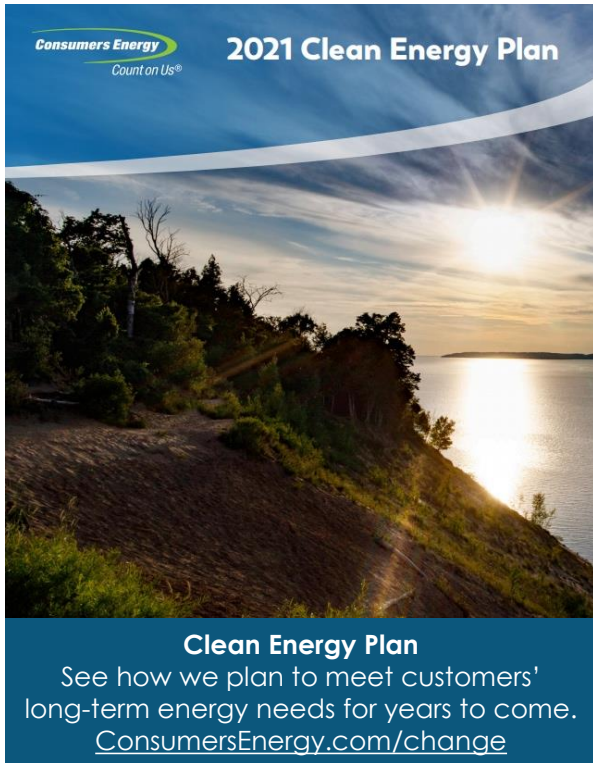
-  Competitive electric and natural gas rates
-  Energy efficiency and construction incentives
-  High voltage electric and natural gas service reliability
-  Renewable energy programs

To access all site information



Creating a Sustainable Energy Future

By 2040, we plan to achieve net zero carbon emissions and meet 90% of Michigan's energy needs with clean resources.



Five-Year Goals:

- Save 1 billion gallons of water
- Reduce waste to landfills by 35 percent
- Enhance, restore or protect 5,000 acres of Michigan land

A Cleaner, Leaner Approach

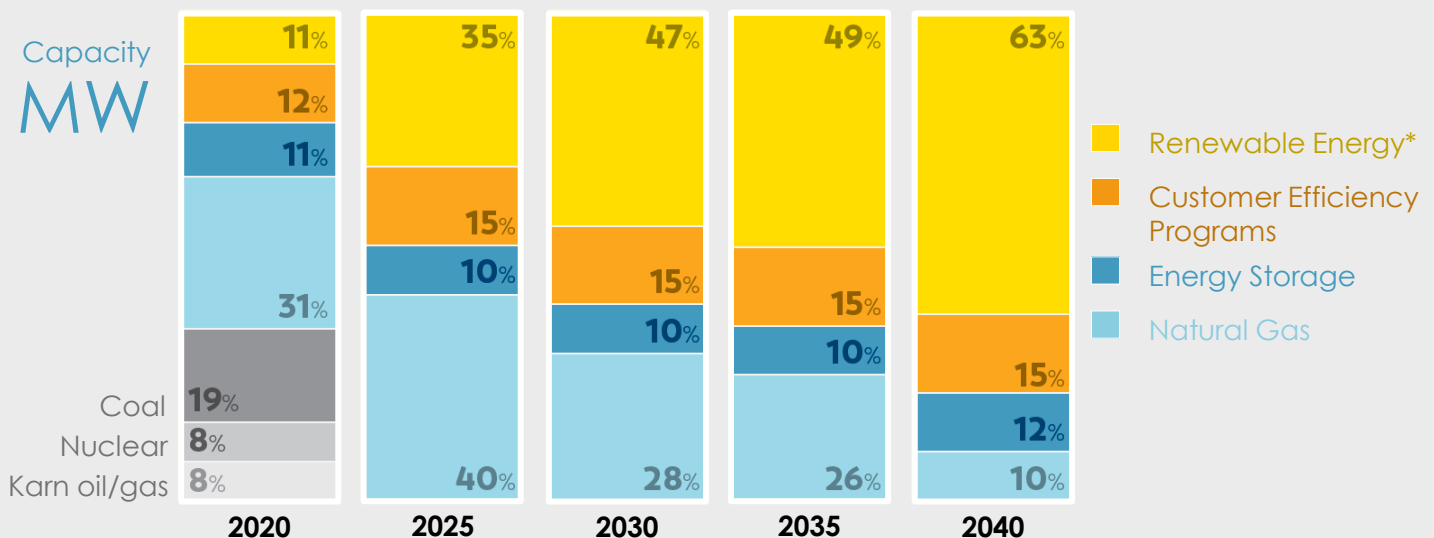
We are rapidly expanding our generation portfolio to serve customers with the clean, renewable energy they need.

By 2040, we plan to achieve net zero carbon emissions and meet 90 percent of Michigan's energy needs with clean resources. But we can't do it without you.

Renewable Energy Options for Business

We have a strong plan and a firm commitment to a clean energy future. For customers who want to move even faster, we have solutions. The pages that follow provide an overview of our programs.

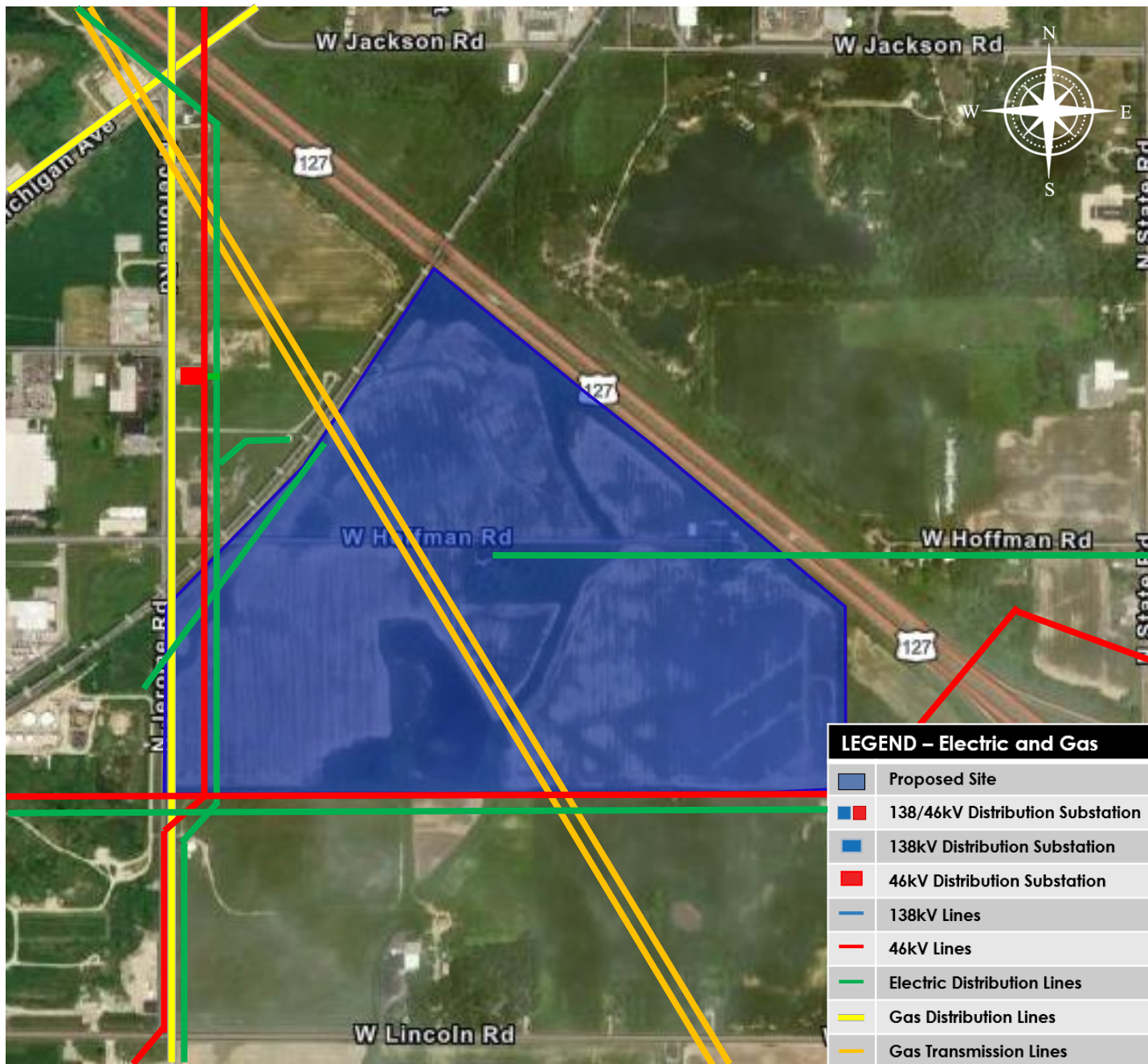
CLEAN ENERGY PLAN ELECTRIC CAPACITY BY FUEL SOURCE (Megawatts)



* Does not include renewable energy credits.



Existing Energy Infrastructure



Approximately 150 acres available for development

All existing facility locations are approximate and not to be used for construction purposes. Always contact MISS DIG at 811 before you dig.



Electric High and Low Voltage Distribution

Distribution	Estimated Lead Time ⁴	Maximum Electric Demand ²	Consumers Energy Construction Incentive	Customer Contribution
Low Voltage Option¹	6 Months to 1 Year	3.4 MW	\$150k	\$0
Scope of Work to Meet Load Profile	Reconductor/build new line to point of service as needed and install new line protection.			
High Voltage (46 kV) Option¹	18 Months	12 MW	Construction incentives are available to cover project costs. We are confident in our ability to provide a \$0 Customer Contribution option when committing to a full-service contract.	
Scope of Work to Meet Load Profile	46 kV project solution includes extending the existing 46 kV line adjacent to the project site and installing a dedicated customer substation with one transformer and one 46 kV line. Facilities will be sized appropriately based on project load and ramp-up schedule.			
High Voltage (138 kV) Options³	We offer creative solutions to meet your high voltage energy requirements. For a customized, quick response proposal, please contact us today.			
Scope of Work to Meet Load Profile	We can service loads well beyond 500 MW. Services from the 138 kV system 0.1 miles away will require a new dedicated customer substation. Typical lead time is 26-28 months. We have additional capabilities if redundancy is required. All facilities will be sized to meet the electric needs of the customer.			
Reliability	Predicted Momentary Interruption Rate	Predicted Extended Outage Rate	Predicted Reliability %	
46 kV Reliability⁵	1 every 2.6 years	1 every 6.3 years	99.99%	
138 kV Reliability⁵	For single feed 138 kV energy solutions for loads less than 30 MW, the average reliability is 99.99%. Fully redundant systems will not experience interruption of services.			

1. Consumers Energy will provide a detailed proposal tailored to any specific project request. All estimates are conceptual. Actual costs, timing, incentives and customer contribution will be negotiated with the customer as part of developing a contract for facilities. We are confident in our ability to provide a zero customer contribution option when committing to a full-service contract.
2. Represents the practical maximum electric demand that can be served with minimal investment. Additional options to serve load profiles above the maximum electric demand may exist.
3. Only loads beyond the 46 kV system maximum electric demand would be proposed to be served from the 138 kV system.
4. Lead time for full capacity of larger loads is typically longer dependent upon specific needs.
5. Momentary Interruption is defined as an interruption or series of interruptions lasting no more than five minutes. Extended Outage is defined as an outage lasting longer than five minutes. Outage rates are based upon system average outage rates, and the predicted reliability % represents the estimated amount of time the facility is in service.
6. Rates per current tariffs, as governed by the Michigan Public Service Commission(U-20963 Settlement).



Natural Gas

Service and Cost Options ¹	MCFH			
	50	100	250	500 ²
Scope of Work to Meet Load Profile	Install service and meter at the customer site.	Install service and meter at the customer site.	Install service and meter at the customer site.	Install service and meter at the customer site.
Lead Time	6 months from contract signing	6-12 months from contract signing	12 months from contract signing	12 months from contract signing
Consumers Energy Construction Incentive (\$)⁴	\$460,800	\$460,800	\$491,600	\$1,101,600
Customer Contribution (\$)³	\$10,000	\$10,000	\$10,000	\$10,000
Maximum Pressure Available (psig)⁵	The high pressure available is up to 200 psig.	The high pressure available is up to 200 psig.	The high pressure available is up to 200 psig.	The high pressure available is up to 200 psig.
Annual Consumption Estimate (MCF/Year)	75,000 mcf	150,000 mcf	375,000 mcf	750,000 mcf
Redundancy & Reliability	Consumers Energy's natural gas system is highly reliable and the probability of interruption is very low. The gas distribution system in this area is fed from two separate transmission interconnects, allowing flexibility in the natural gas flow should a significant unplanned event occur.			

1. Consumers Energy would like to provide a detailed project specific proposal. All estimates are conceptual. Actual costs, timing, incentives and customer contribution will be negotiated with the customer as part of developing a contract for facilities. Customer responsible for fuel line and meter pad costs.
2. Consumers Energy can typically service gas loads greater than 500 MCFH although these cases require further analysis.
3. Customer Contribution is calculated based upon the estimated project costs, with a customer incentive for the projected amount of gas usage at this site. The consumption is estimated at the hourly flow rate indicated, assuming 1500 hours per year at the appropriate gas rate.
4. Rates per current tariffs, as governed by the Michigan Public Service Commission (U-20322 Settlement and does not include GCR Revenues).
5. Available pressures listed are what would typically be available at this site, but other alternatives may be available, depending upon customer need.

Developed by
Consumers Energy,
in collaboration with:



MICHIGAN ECONOMIC
DEVELOPMENT CORPORATION



Greater Gratiot
Development, Inc.

Consumers Energy *Count on Us*