

Proposed Liquid Natural Gas (LNG) Project



**Town of Ixonia
Plan Commission**

July 22, 2020

Proposed Liquid Natural Gas (LNG) project

- Project will include two sites:
 - Town of Ixonia, Jefferson County
 - Town of LaGrange, Walworth County
- Each site will include:
 - Pre-treatment & liquefaction equipment
 - LNG storage tank
 - Vaporization equipment
 - Truck loading / unloading equipment
- Total capital cost is \$185 million (for each LNG facility)

Project benefits

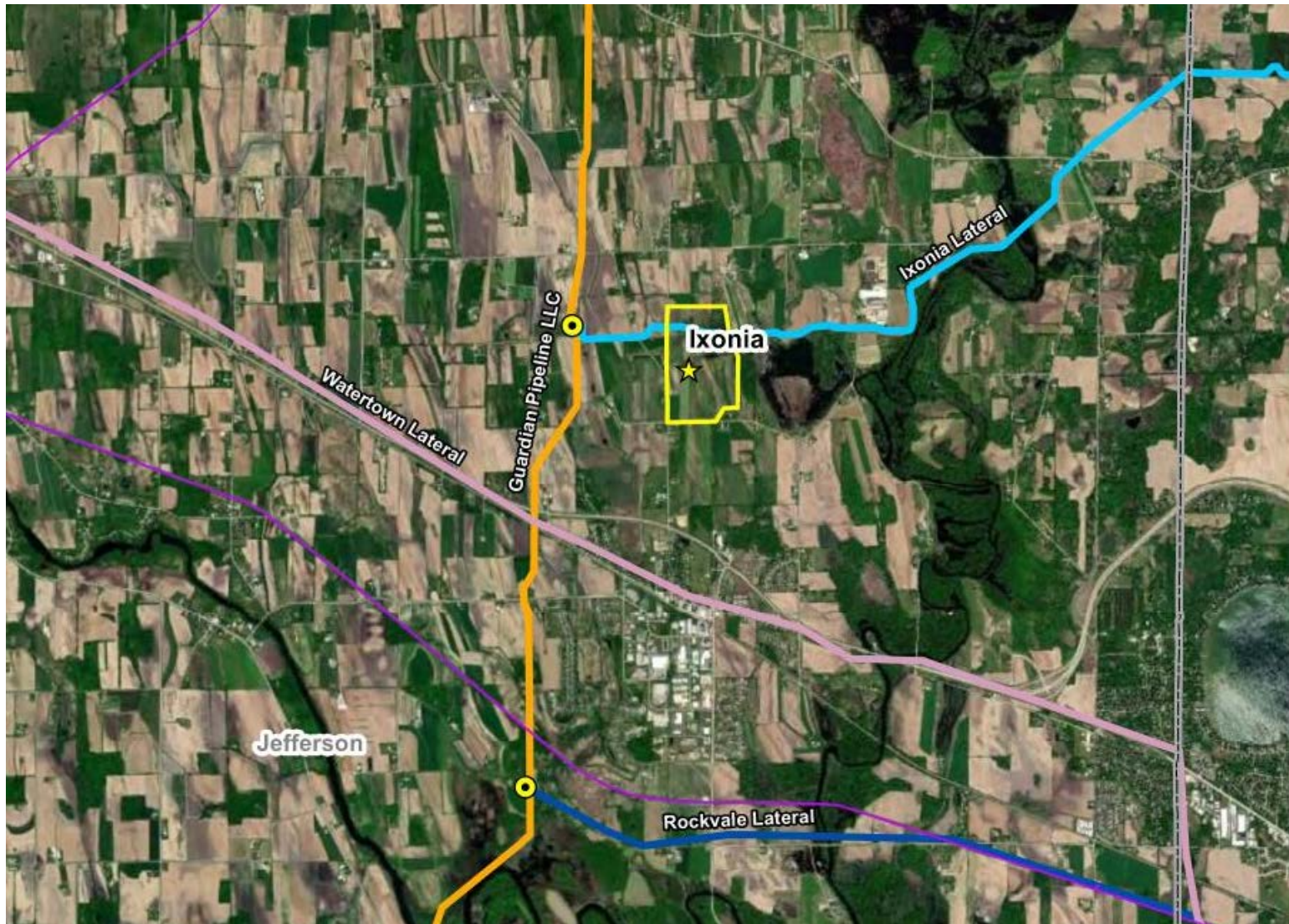
- Estimated utility shared revenue payments*:
 - \$550,000 annually to the Town of Ixonia
 - \$1,100,000 annually to Jefferson County
- Lower-cost option to meet our customers' peak natural gas needs during the coldest months.
- Local supply of natural gas that is not dependent upon interstate pipelines.
- Local construction and operating jobs.

*Note: estimate is for a facility with a net book value of \$185 million

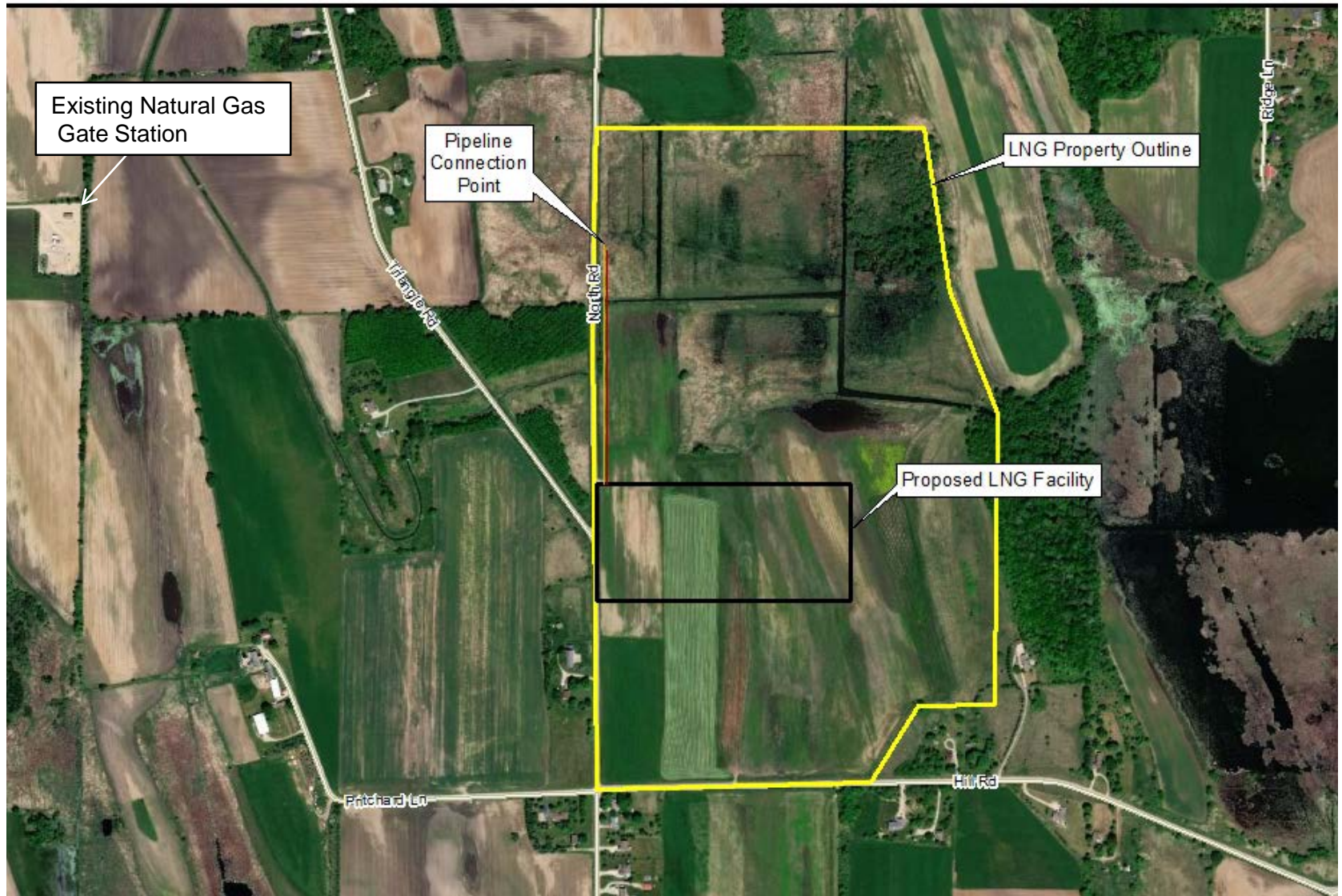
Safety

- Safety is of paramount importance to We Energies.
- The facility will be designed & operated in compliance with all NFPA & PHMSA requirements.
- The site will include the required PHMSA setback area to keep any impacts of an incident within the facility property boundaries.
- We will develop a site specific fire protection evaluation & emergency response plan with local fire departments.
- The facility will include fire & gas detection systems and an automatic Emergency Shutdown (ESD) system if any hazardous conditions are detected.

Proposed LNG Facility site



Proposed LNG Facility site



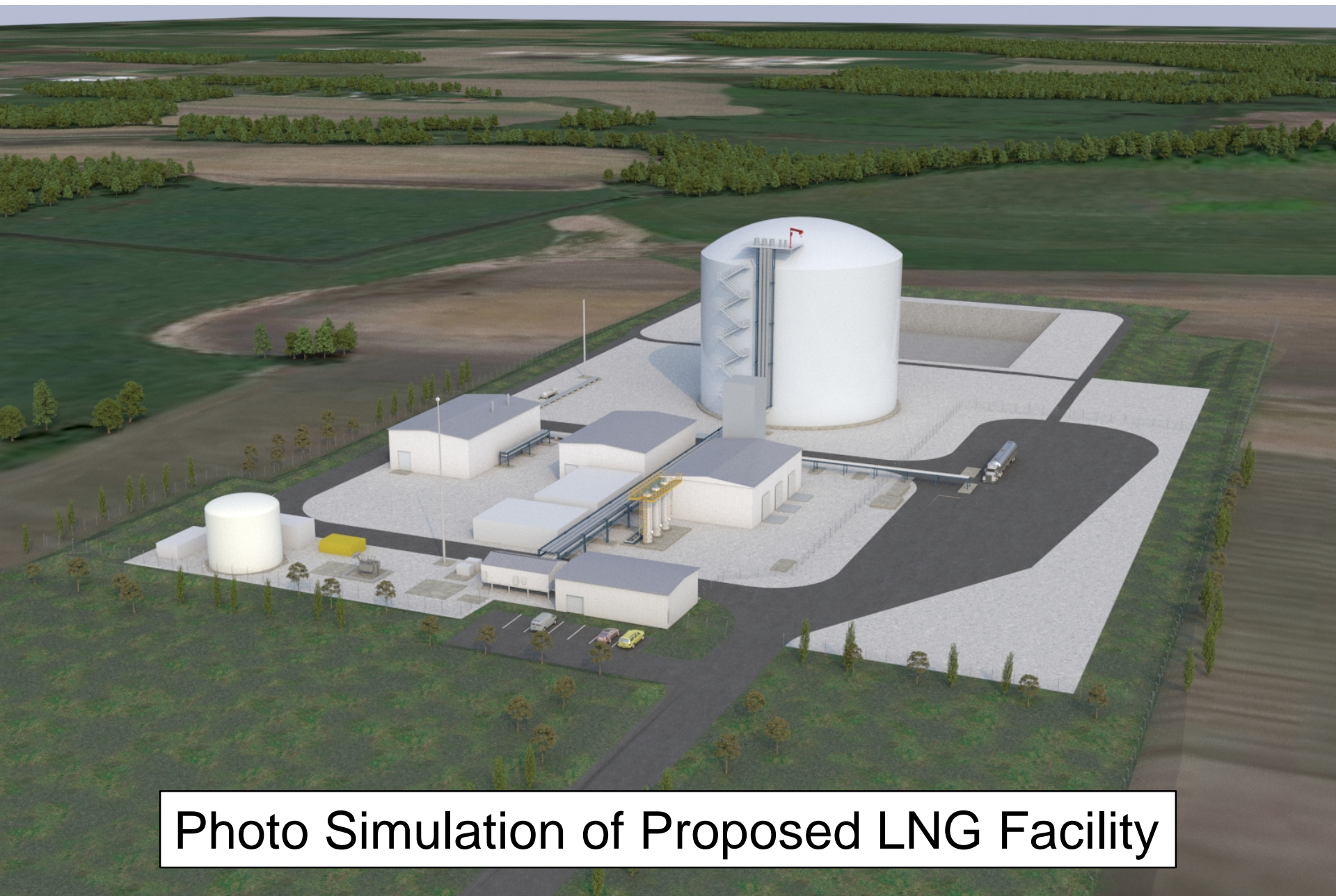
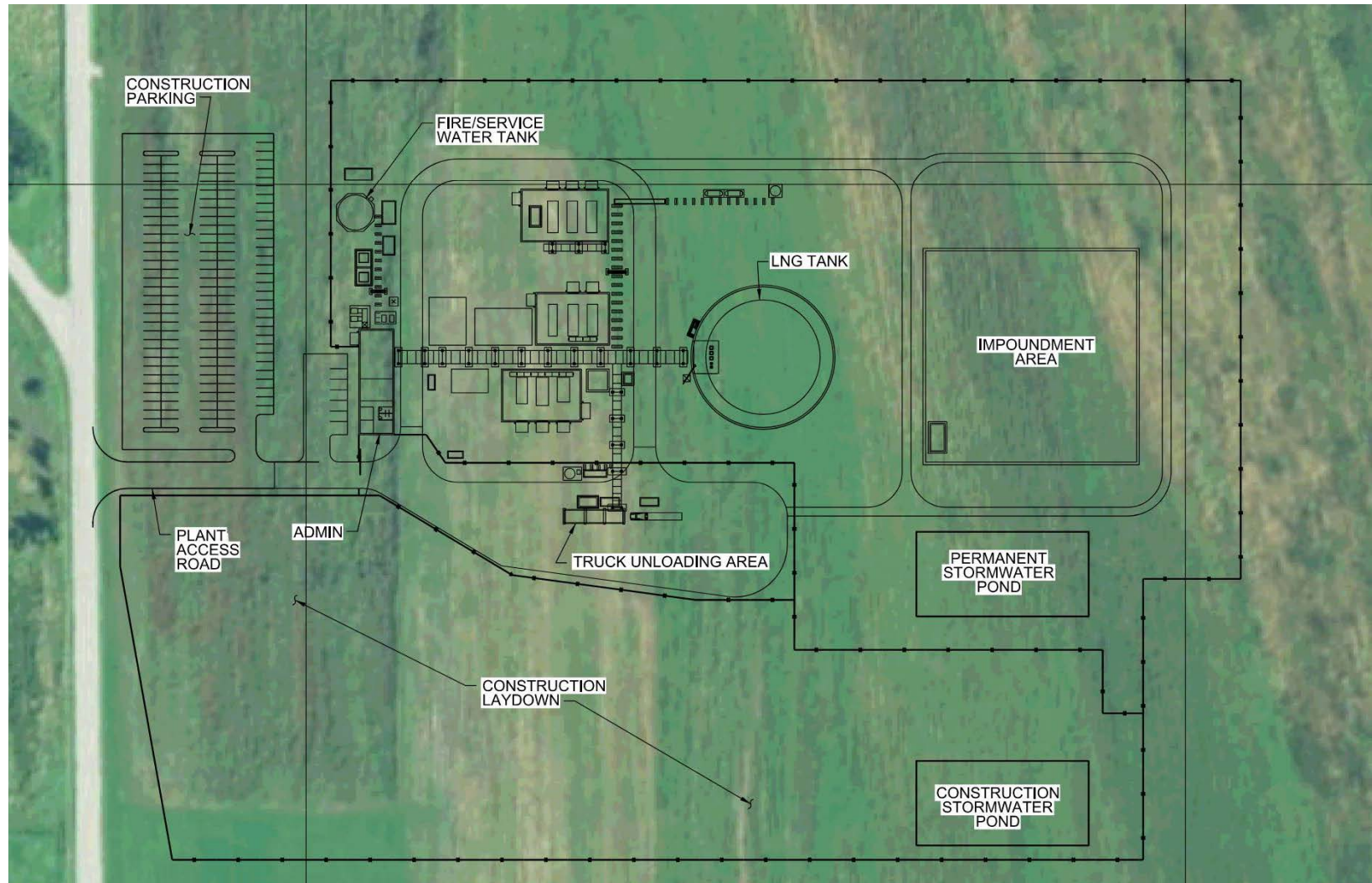


Photo Simulation of Proposed LNG Facility

View of LNG Facility from North Road



Proposed LNG Facility Site Layout



Over 100 existing peaking plants* in the U.S.

Existing plants include:

- WEC: 2.0 BCF LNG storage in Central IL
- WEC: 0.25 BCF LNG storage in Oak Creek, WI
- Xcel: 1.0 BCF LNG storage in St. Paul, MN
- Xcel: 0.25 BCF LNG storage in Eau Claire, WI
- NIPSCO: 4.0 BCF LNG storage in Indiana

*LNG & propane air

Project permits and approvals

- Wisconsin PSC Certificate of Authority (CA)
- NFPA & PHMSA
 - Site setbacks, safety & fire protection evaluation
- Wisconsin DNR permits
- Town & County Permits
 - Conditional use permit
 - Building permits
 - Driveway permit

Schedule

Project Approval

- June 2020: Filed supplemental CA application with PSCW
- Fall 2020: Anticipated PSCW decision

If the project is approved:

- Fall 2020: Order equipment
- Spring 2021: Start construction
- Spring 2023: Begin start-up and filling LNG tank
- Fall 2023: Commercial operation

Questions?

Contact

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