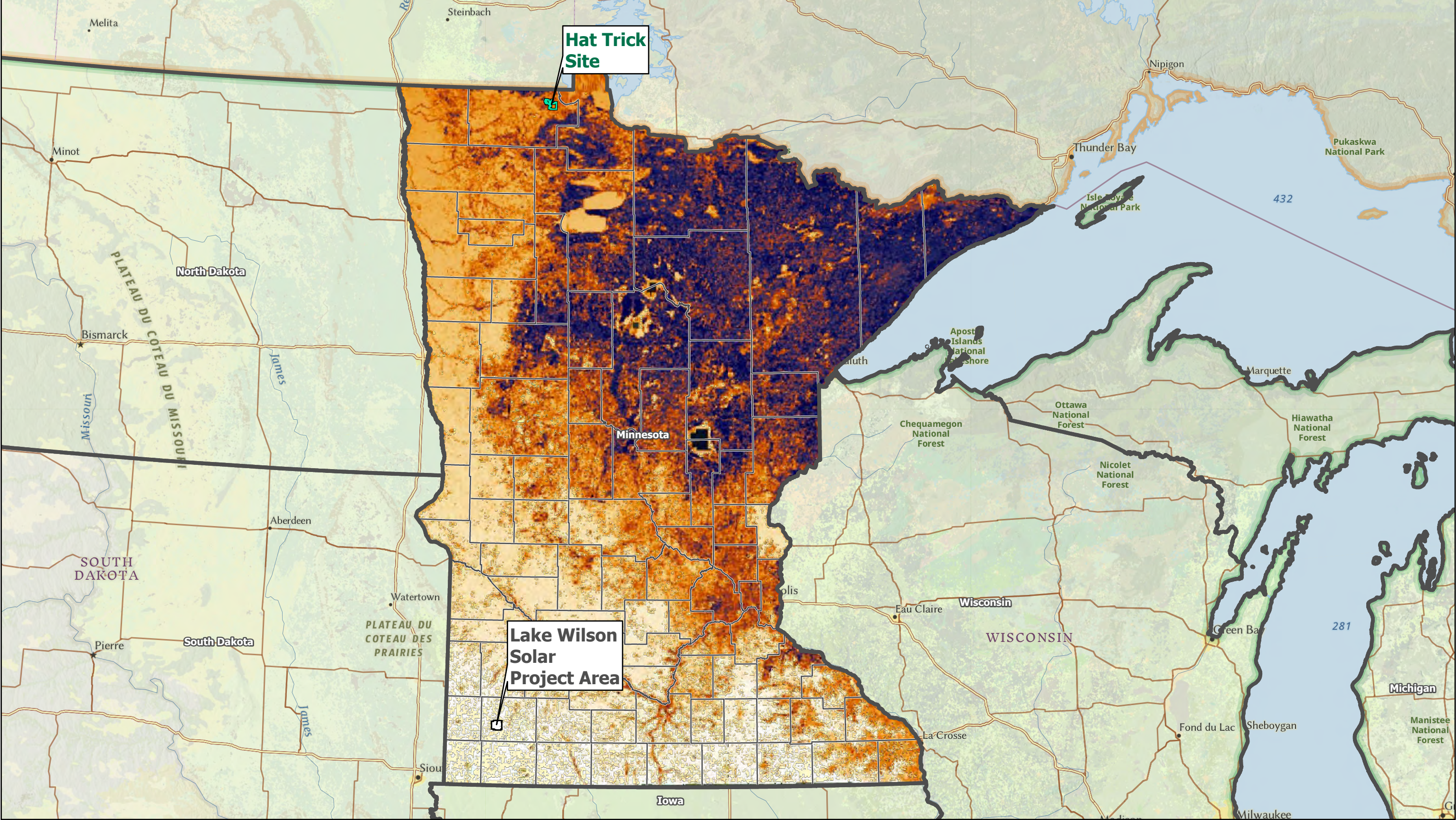
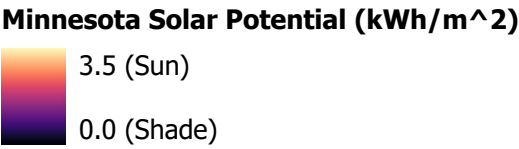




Data Source(s): Westwood (2022); ESRI WMS National Geographic Basemap (Accessed 2021); U.S. Census Bureau (2020) Minnesota Department of Commerce (2020).

Legend

- Lake Wilson Solar Project Area
- Hat Trick Site
- County Boundary
- State Boundary

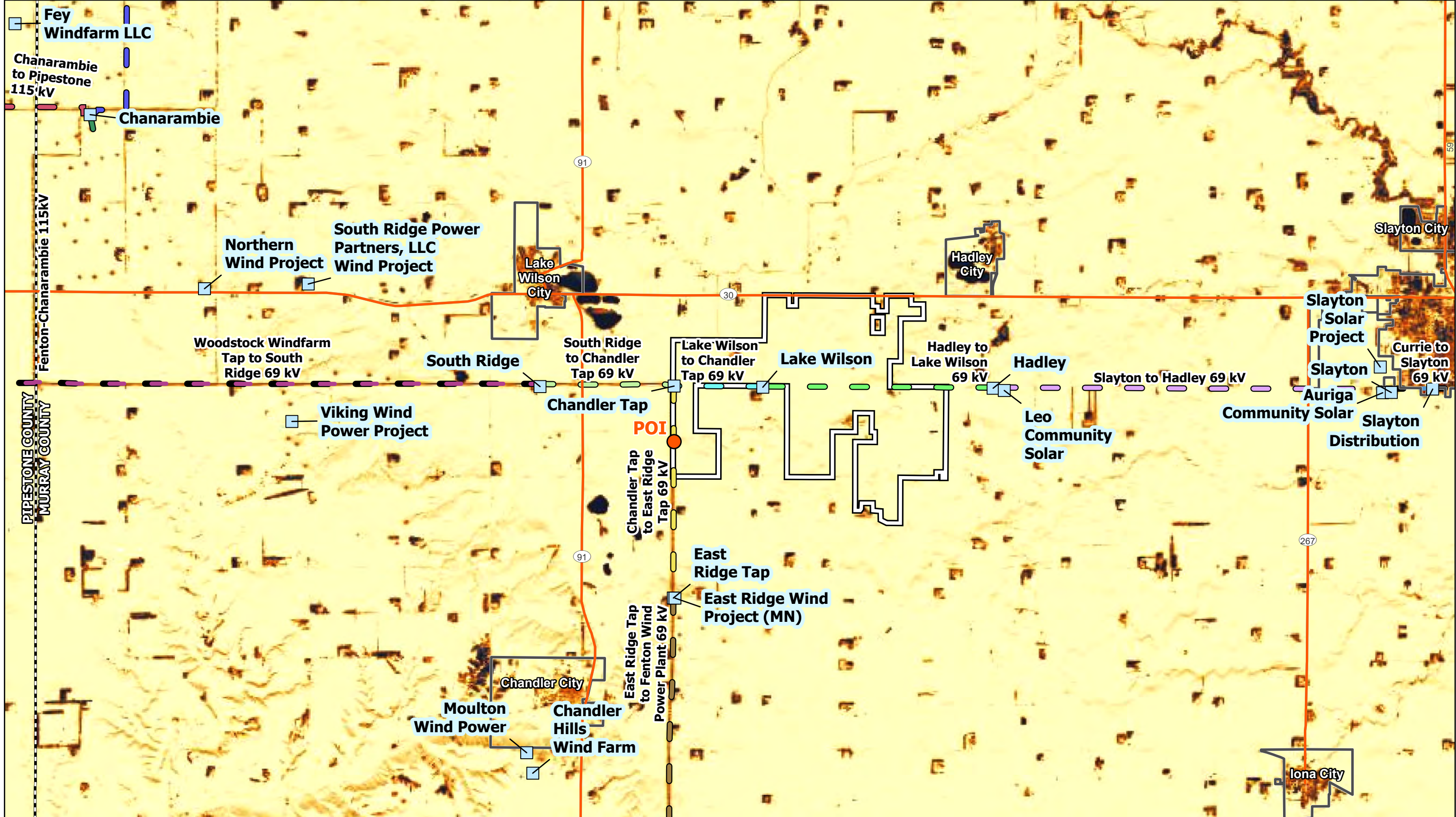


Lake Wilson Solar Project

Murray County, Minnesota

Solar Resources
in Minnesota

FIGURE 7 (October, 2022)



Data Source(s): Westwood (2022); Ventyx Velocity Suite (2021); MN Geospatial Commons (2021); U.S. Census Bureau (2020) Minnesota Department of Commerce (2020).

Westwood

Toll Free (888) 937-5150 westwoodps.com
Westwood Professional Services, Inc.

Legend

- Project Area
- Project Point of Connection (POI)
- Existing Substation
- Major Road
- Municipal Boundary

County Boundary
Existing Transmission Lines

- Chanarambie Station to Chanarambie 4 kV
- Chanarambie to Lake Yankton 115 kV
- Chanarambie to Pipestone 115 kV
- Chandler Tap to East Ridge Tap 69 kV
- Currie to Slayton 69 kV

- East Ridge Tap to East Ridge Wind Project (MN) 69 kV
- East Ridge Tap to Fenton Wind Power Plant 69 kV
- Fenton Wind Power Plant to Chanarambie 115 kV

- Hadley to Lake Wilson 69 kV
- Lake Wilson to Chandler Tap 69 kV
- Slayton to Hadley 69 kV
- South Ridge to Chandler Tap 69 kV

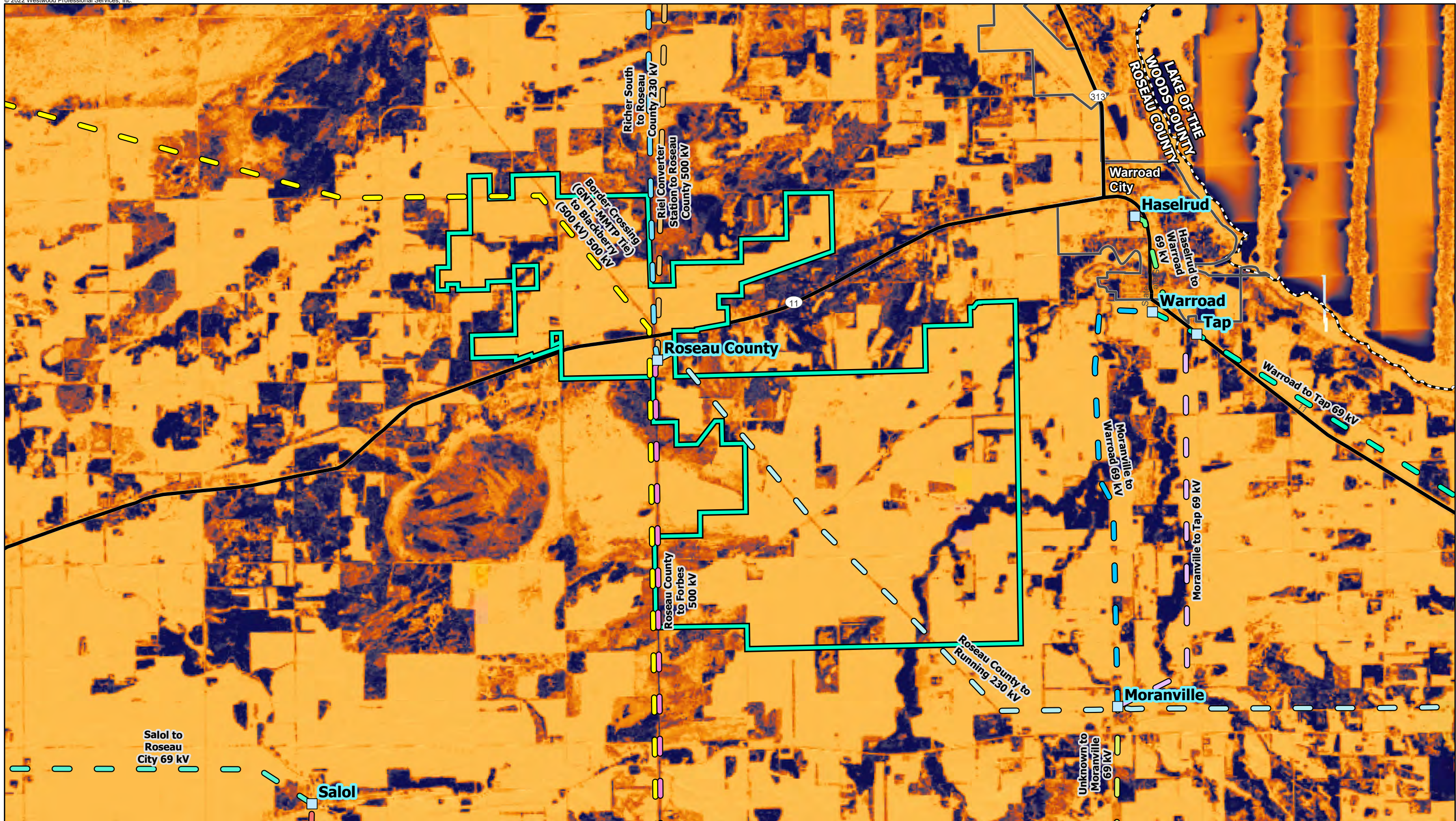
- Woodstock Windfarm Tap to South Ridge 69 kV
- Minnesota Solar Potential (kWh/m²)**
- 3.5 (Sun)
- 0.0 (Shade)

Lake Wilson Solar Project

Murray County, Minnesota

MSSA Insolation at
Project Area Site

FIGURE 8 (November, 2022)

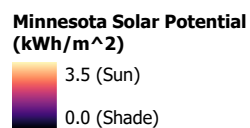


Data Source(s): Westwood (2022); Ventyx Velocity Suite (2021); MN Geospatial Commons (2021); U.S. Census Bureau (2020) Minnesota Department of Commerce (2020).



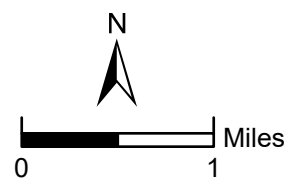
Legend

- Hat Trick Site
- Existing Substation
- Major Road
- Municipal Boundary
- County Boundary



Existing Transmission Lines

- Border Crossing (GNTL-MMTP Tie) to Blackberry (500 kV) 500 kV
- Haselrud to Warroad 69 kV
- Moranville to Tap 69 kV
- Moranville to Warroad 69 kV
- Richer South to Roseau County 230 kV
- Riel Converter Station to Roseau County 500 kV
- Roseau County to Forbes 500 kV
- Roseau County to Running 230 kV
- Roseau County to Roseau City 69 kV
- Salol to Roseau City 69 kV
- Tap to Salol 69 kV
- Unknown to Moranville 69 kV
- Warroad to Tap 69 kV

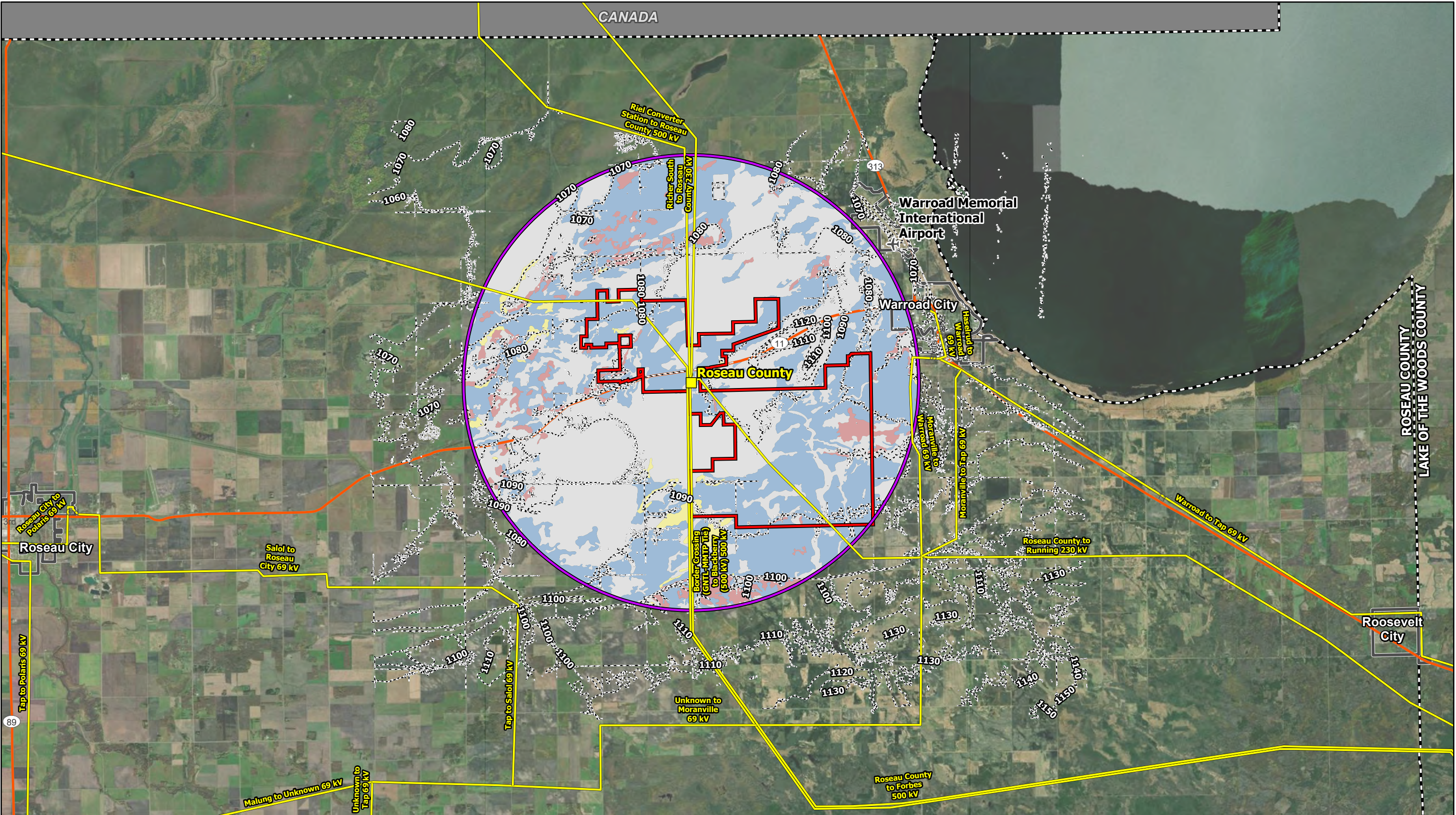


Lake Wilson Solar Project

Murray County, Minnesota

MSSA Insolation at
Hat Trick Site

FIGURE 9 (September, 2022)



Data Source(s): Westwood (2022); ESRI WMS Imagery Basemap (Accessed 2021); U.S. Census Bureau (2020); MNDNR (2021); U.S. Geological Survey (2020).

Westwood
Toll Free (888) 937-5150 westwoodps.com
Westwood Professional Services, Inc.

Legend

Hat Trick Site

Airport

Roseau County Substation POI

Existing Transmission Line

5-Mile Search Buffer

10ft Contour

Major Road

Municipal Boundary

County Boundary

Prime Farmland Classification

All areas are prime farmland - 2758.3 (5.46%)

Farmland of statewide importance - 941.81 (1.86%)

Prime farmland if drained - 21435.3 (42.4%)

Not prime farmland - 25416.76 (50.28%)

Lake Wilson Solar Project

Murray County, Minnesota

Hat Trick Site & Roseau County
Substation Prime Farmland & Topography

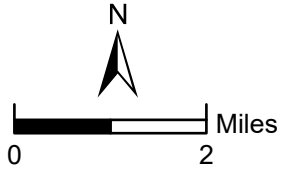
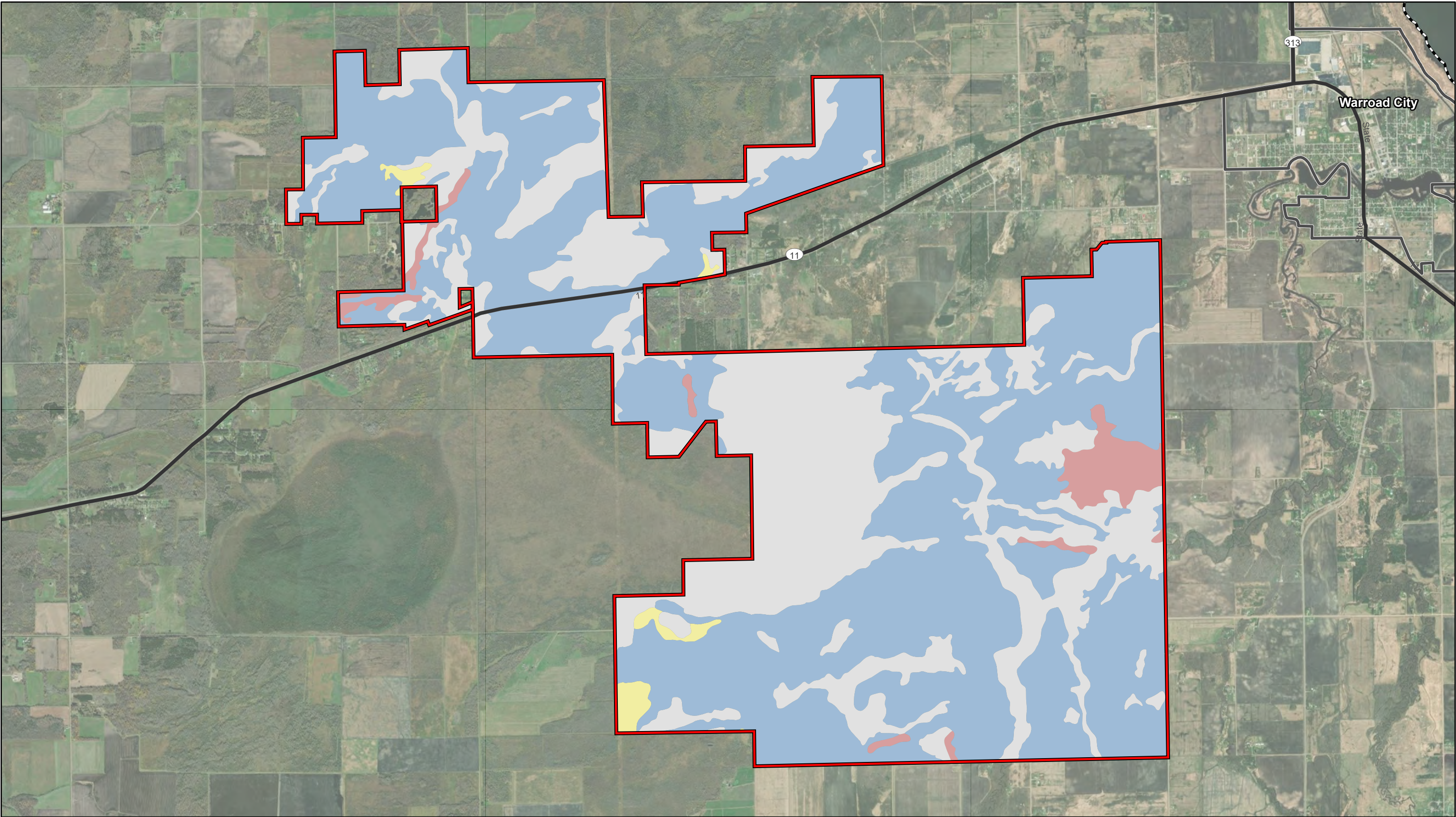


FIGURE 10 (September, 2022)



Data Source(s): Westwood (2022); ESRI WMS Imagery Basemap (Accessed 2021); U.S. Census Bureau (2020); MNDNR (2021); U.S. Geological Survey (2020); USFWS (2021); Ventyx Velocity Suite (2021); USGS NHD (2015); PAD-US (2021).



Legend

- Hat Trick Site
- Major Road
- Municipal Boundary
- County Boundary

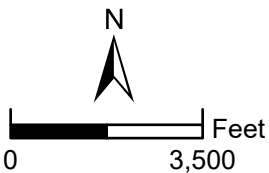
Prime Farmland Classification - Site Area Acreage (Percent Total)

All areas are prime farmland - 307 Acres (2.92%)

Farmland of statewide importance - 112 Acres (1.07%)

Prime farmland if drained - 6,456 Acres (61.31%)

Not prime farmland - 3,654 Acres (34.7%)



Lake Wilson Solar Project

Murray County, Minnesota

Hat Trick Site
Prime Farmland

FIGURE 10a (September, 2022)