

PINE HILL SOLAR

DANE COUNTY, WISCONSIN

SOLAR PV PROJECT
6.000 MWAC

LEGEND

PARCEL BOUNDARY

INTERIOR PARCEL BOUNDARY

ZONING SETBACK

RIGHT-OF-WAY

NEIGHBORING PARCEL

TREE LINE (E)

RIVERINE

75' RIVERINE SETBACK

300' SHORELAND ZONING BOUNDARY

PERIMETER FENCE (P)

GRAVEL ACCESS ROAD

LAYDOWN AREA

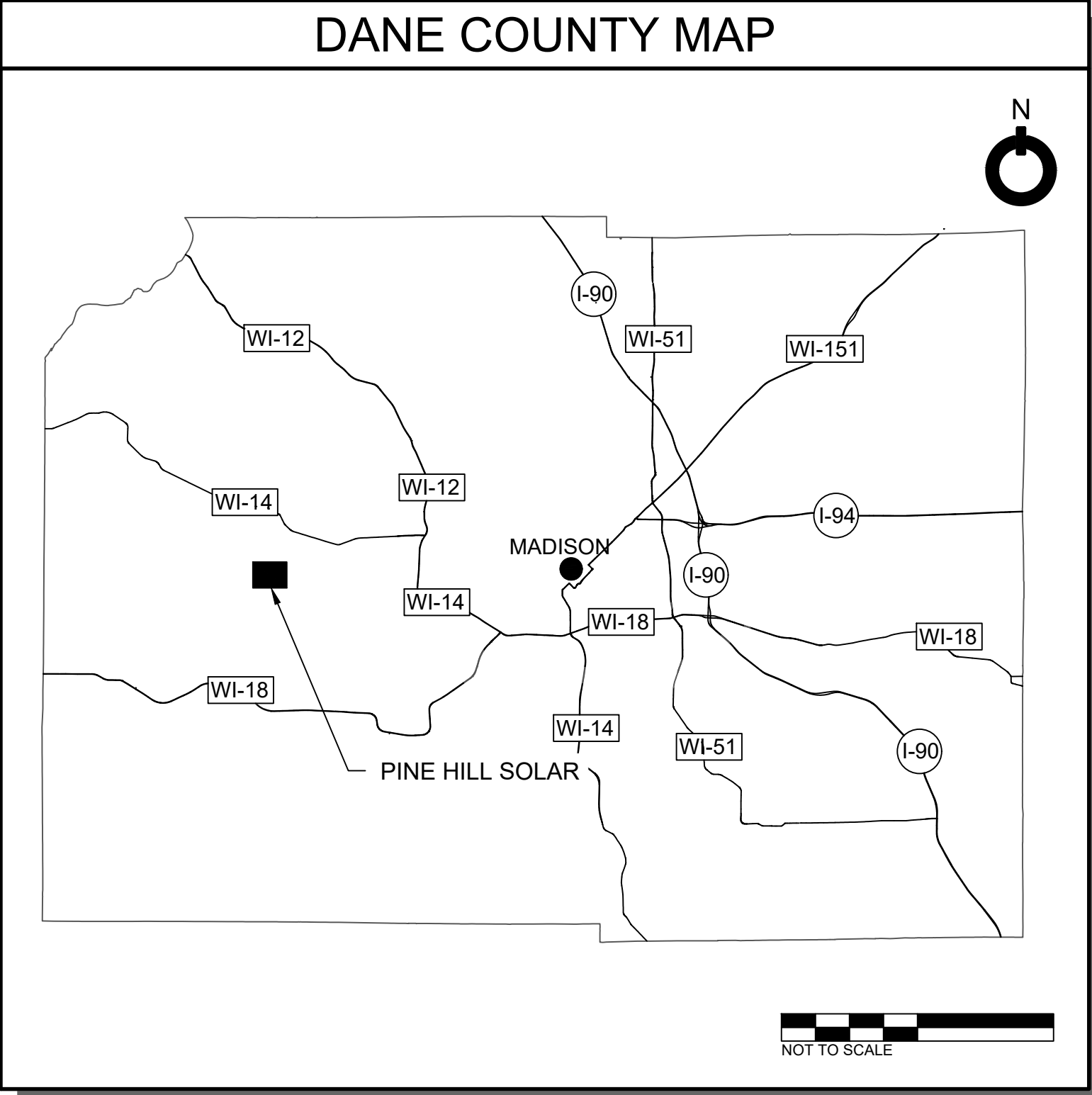
UGMV UG MV (P)

UGMV UG MV (P, UTIL)

OHU OH ELECTRICAL (E)

UGG UG GAS (E)

UTILITY POLE (E)



PROJECT DETAILS

THIS PROJECT CONSISTS OF THE DESIGN AND INSTALLATION OF 6.000 MWAC SOLAR PHOTOVOLTAIC SYSTEM. MODULES ARE TO BE MOUNTED IN A SINGLE AXIS TRACKERS, WHICH FOLLOW THE SUN FROM EAST TO WEST THROUGHOUT THE DAY.

SITE DETAILS:

PARCEL ID: 070722281703, 070722185406, 070722295001, 070722281507
OWNER: ROBERT M BRUNNER REV TR
ACREAGE: 38.80, 38.80, 5.7, 2.0
EXISTING ZONE: FP-35

DESIGN SUMMARY:

MODULE POWER: 585 W

MODULE COUNT: 12480

ARRAY DC VOLTAGE: 1500 V

INVERTER SIZE: 250 kW / KVA

INVERTER COUNT: 24

DC SIZE: 7.301 MWdc

AC SIZE: 6.000 MWac

DC/AC RATIO: 1.217

GROUND COVERAGE RATIO: 30.0 %

ASCE 7-16 GSL: 30 PSF

ASCE 7-16 WIND SPEED: 100 MPH

LAND USE SUMMARY:

TOTAL PARCEL AREA (ACRES): 85.30

TOTAL LEASED AREA (ACRES): -

TOTAL FENCED AREA (ACRES): 34.33

GRAVEL ACCESS ROAD (ACRES): 0.48

STAGING AREA (ACRES): 0.63

ADDITIONAL NOTES:

- BASEMAP DEVELOPED FROM ALTA DATA
- PARCEL DATA TAKEN FROM ALTA DATA
- WETLAND BOUNDARIES SOURCED FROM FIELD DELINEATION
- FEMA FLOOD HAZARD ZONE FROM GIS DATA



OneEnergy

RENEWABLES

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WRITTEN DIMENSIONS ON THIS PLAN SHALL SUPERCEDE SCALED DIMENSIONS. CONTRACTORS ARE RESPONSIBLE FOR FIELD VERIFYING ALL DIMENSIONS. THIS DRAWING, DESIGN, CONCEPT AND ARRANGEMENT REMAIN THE PROPERTY OF ONEENERGY RENEWABLES AND SHALL NOT BE COPIED, DISCLOSED OR REPRODUCED WITHOUT CONSENT.

REVISION LOG

REV	DESCRIPTION	DATE	BY	CK'D	SME
00	5% SUBMITTAL	03/17/2025	AC	AK	
01	5% SUBMITTAL	06/09/2025	AC	AK	
02	5% SUBMITTAL	06/18/2025	AC	AK	

PRELIMINARY

NOT FOR CONSTRUCTION

PINE HILL SOLAR

ONEENERGY RENEWABLES

43 06999° -89 64520°
DANE COUNTY, WISCONSIN

SHEET TITLE:

DEVELOPMENT LAYOUT

SHEET NO:

D-100

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