

Dispersed Renewable Generation Transmission Study Phase II

Volume II

Docket Number E999/DI-08-649

Prepared for:

Minnesota Department of Commerce
Office of the Reliability Administrator

Prepared by:

The Minnesota Transmission Owners

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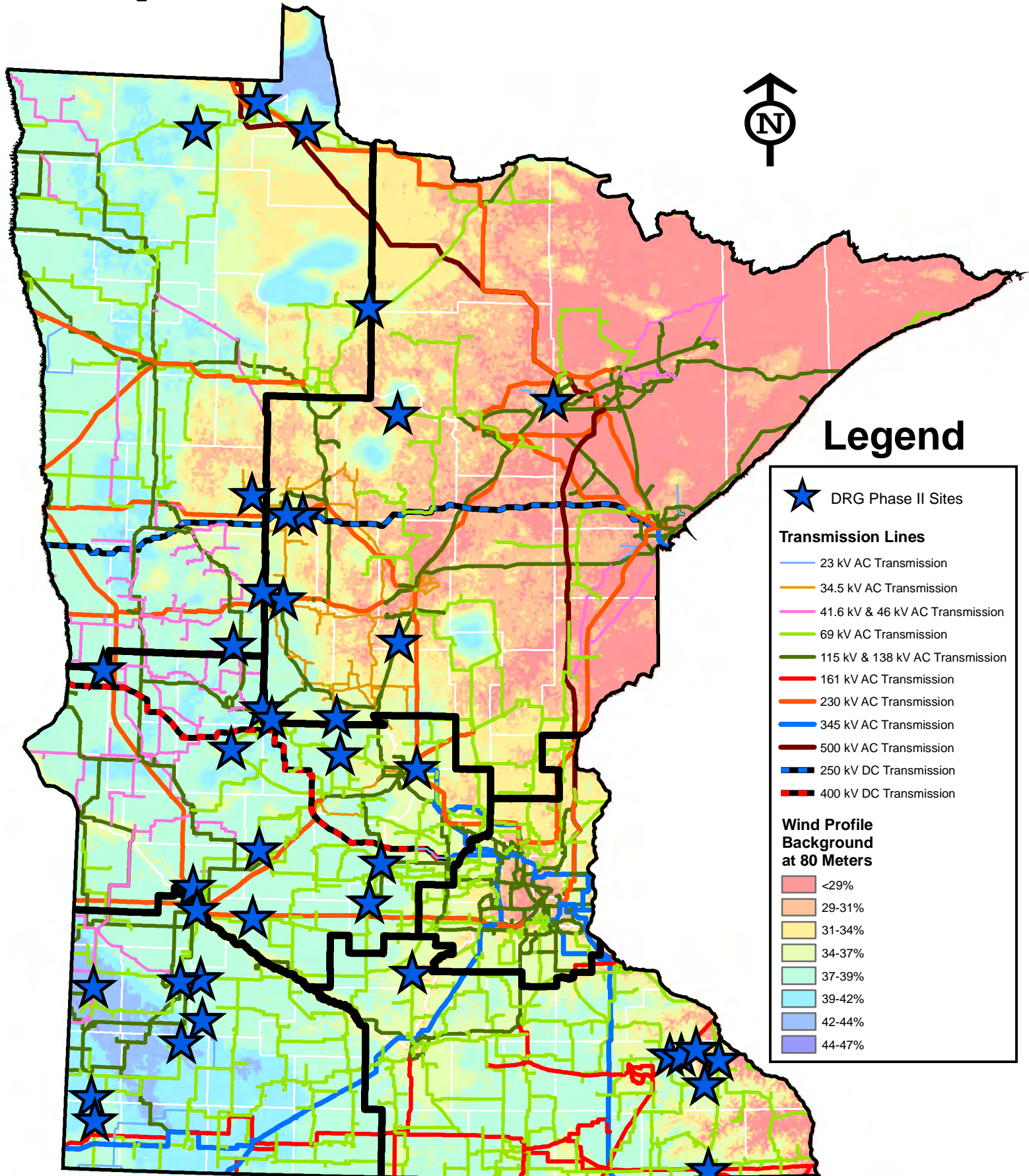
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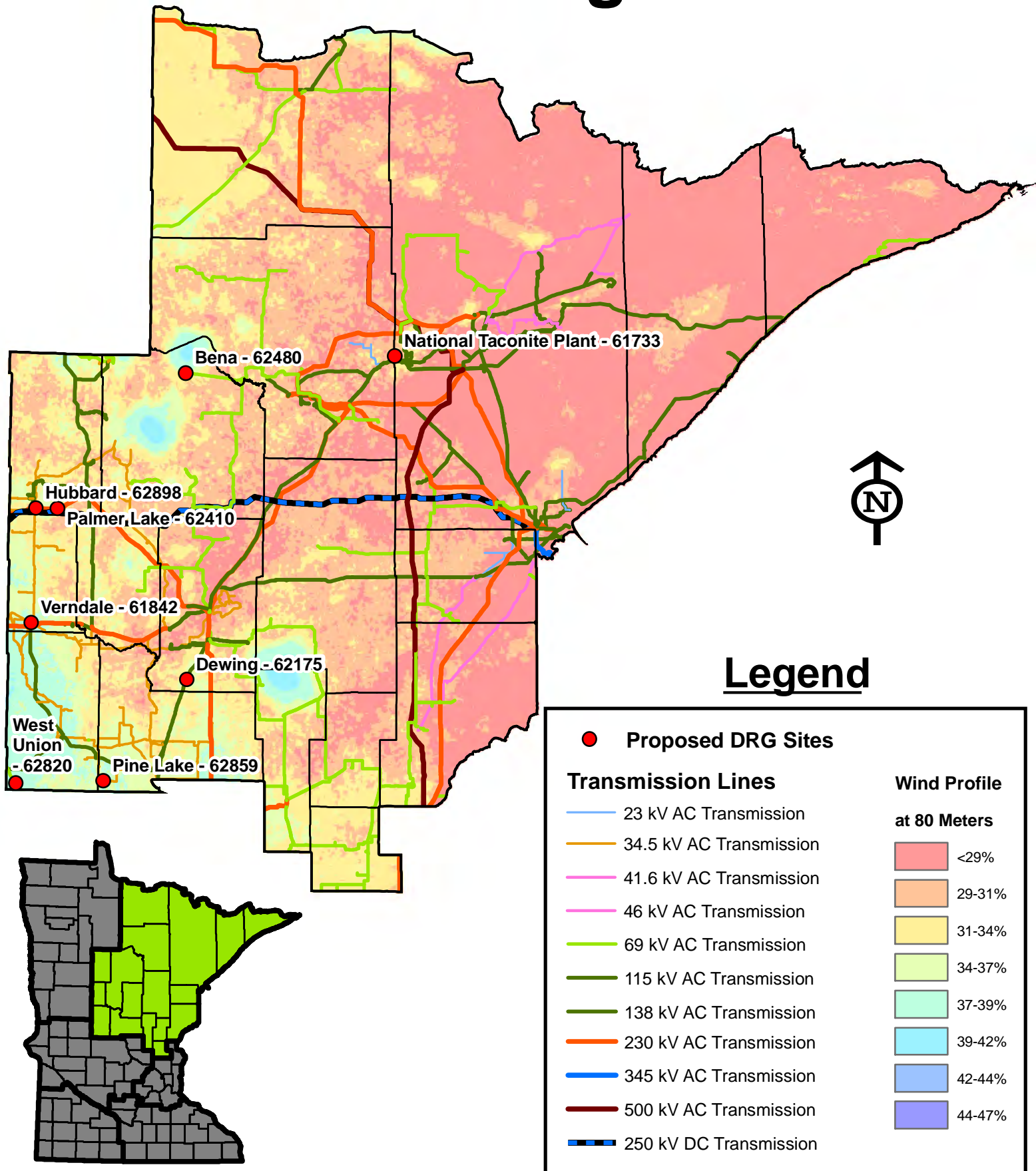
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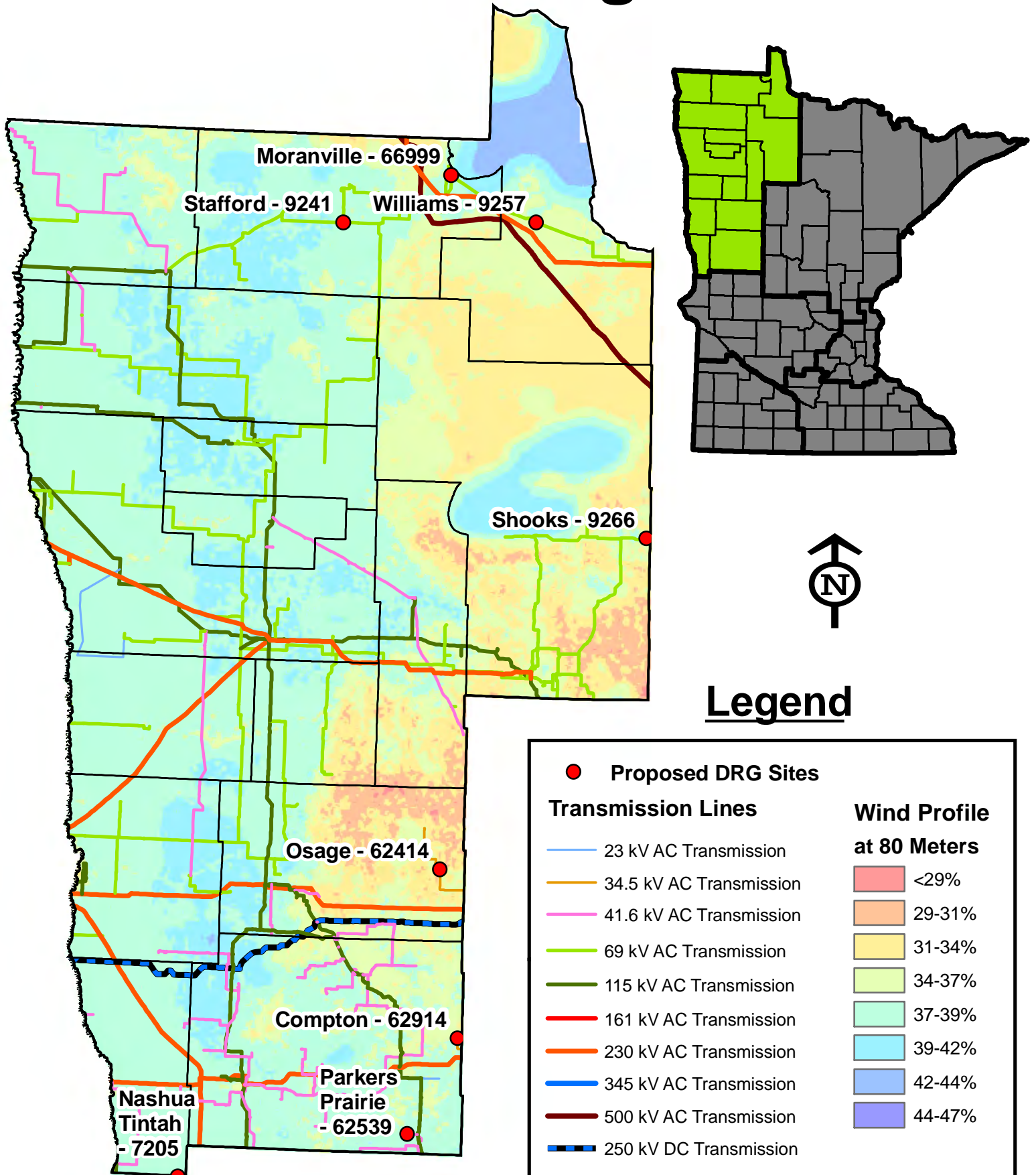
Proposed DRG Phase II Sites



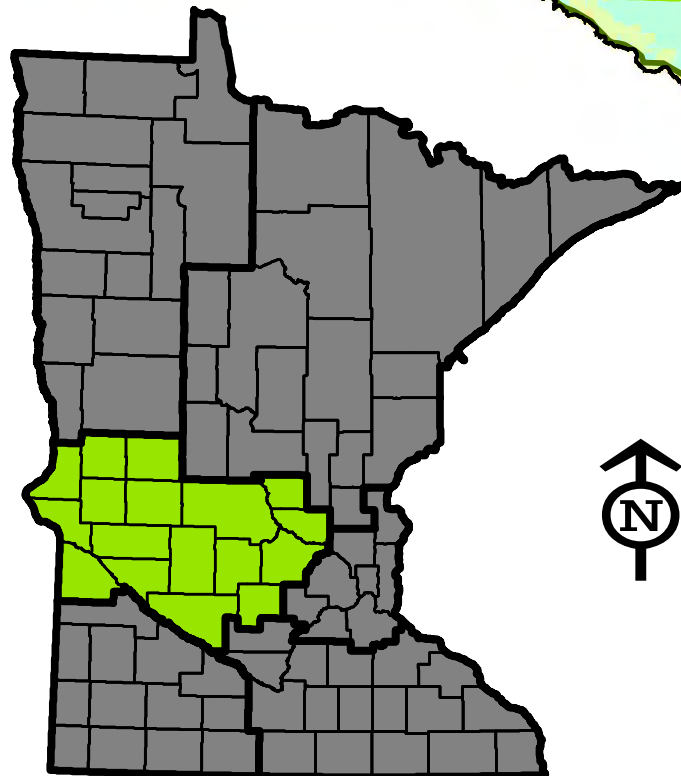
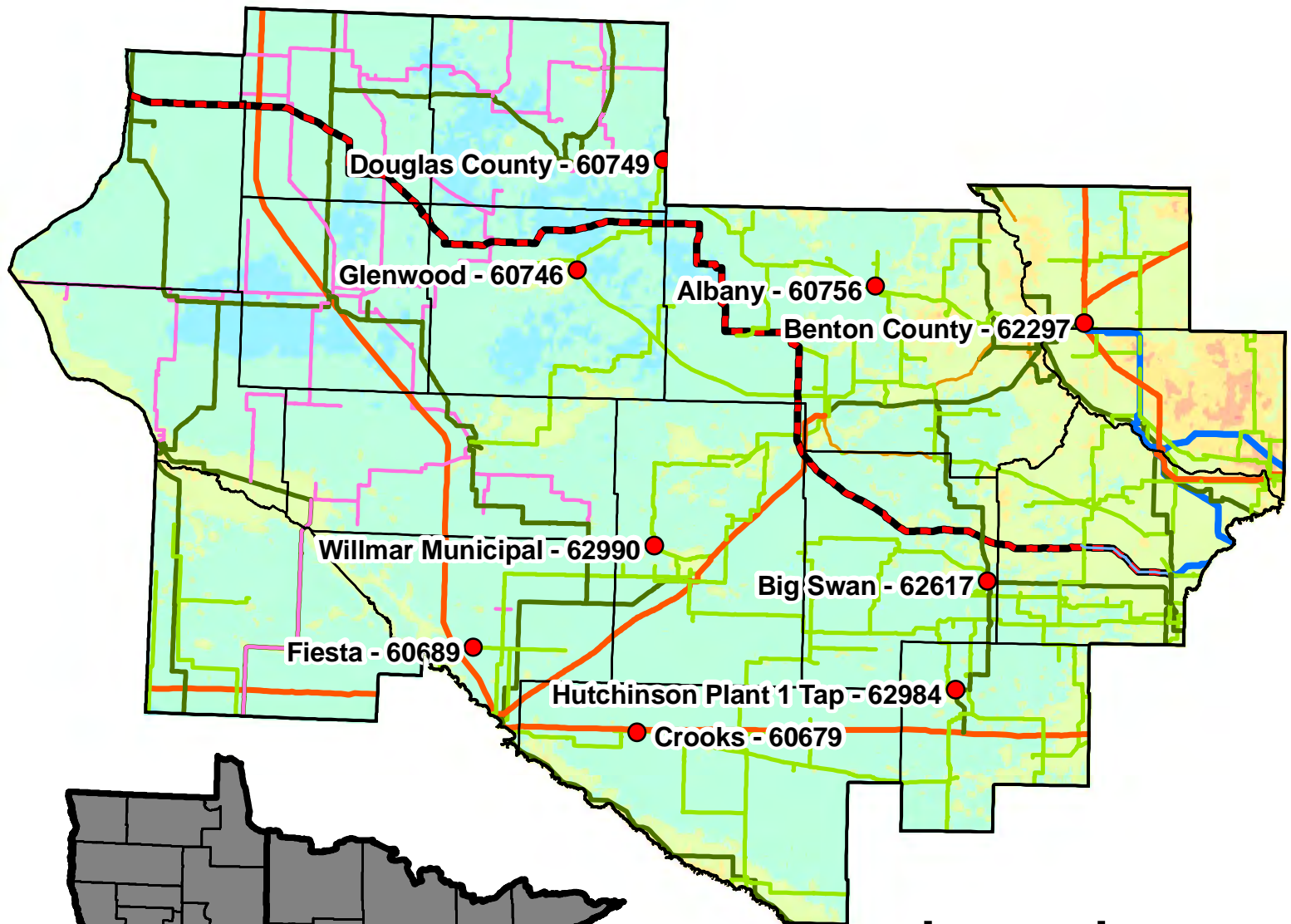
Proposed DRG Sites in the NE Planning Zone



Proposed DRG Sites in the NW Planning Zone



Proposed DRG Sites in the WC Planning Zone



Legend

● Proposed DRG Sites

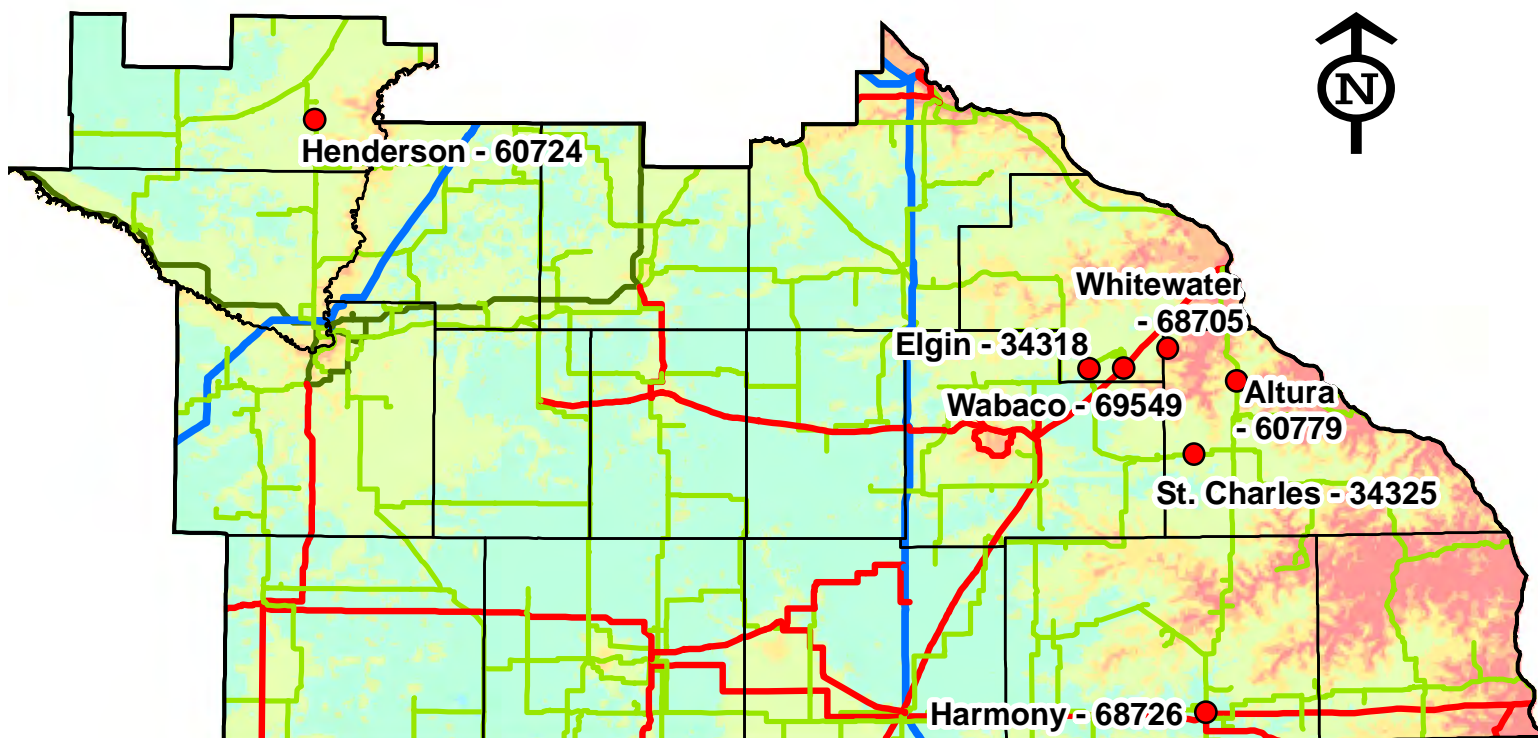
Wind Profile at 80 Meters

	<29%
	29-31%
	31-34%
	34-37%
	37-39%
	39-42%
	42-44%
	44-47%

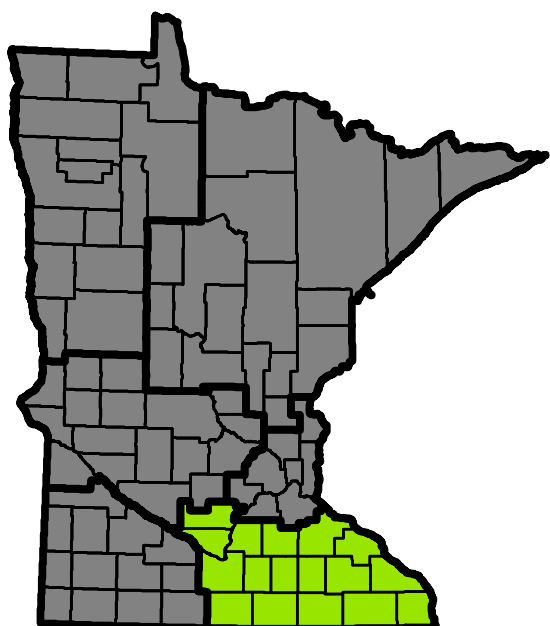
Transmission Lines

	34.5 kV AC Transmission
	41.6 kV AC Transmission
	69 kV AC Transmission
	115 kV AC Transmission
	230 kV AC Transmission
	345 kV AC Transmission
	400 kV DC Transmission

Proposed DRG Sites in the SE Planning Zone



Legend



● Proposed DRG Sites

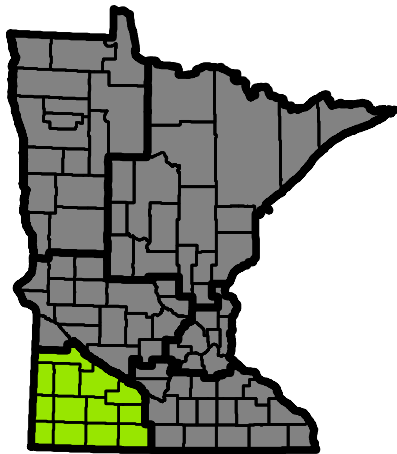
Wind Profile at 80 Meters

	<29%
	29-31%
	31-34%
	34-37%
	37-39%
	39-42%
	42-44%
	44-47%

Transmission Lines

	69 kV AC Transmission
	115 kV AC Transmission
	161 kV AC Transmission
	345 kV AC Transmission

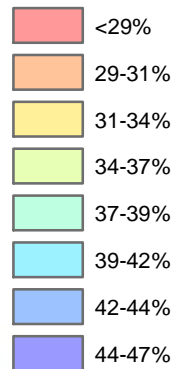
Proposed DRG Sites in the SW Planning Zone



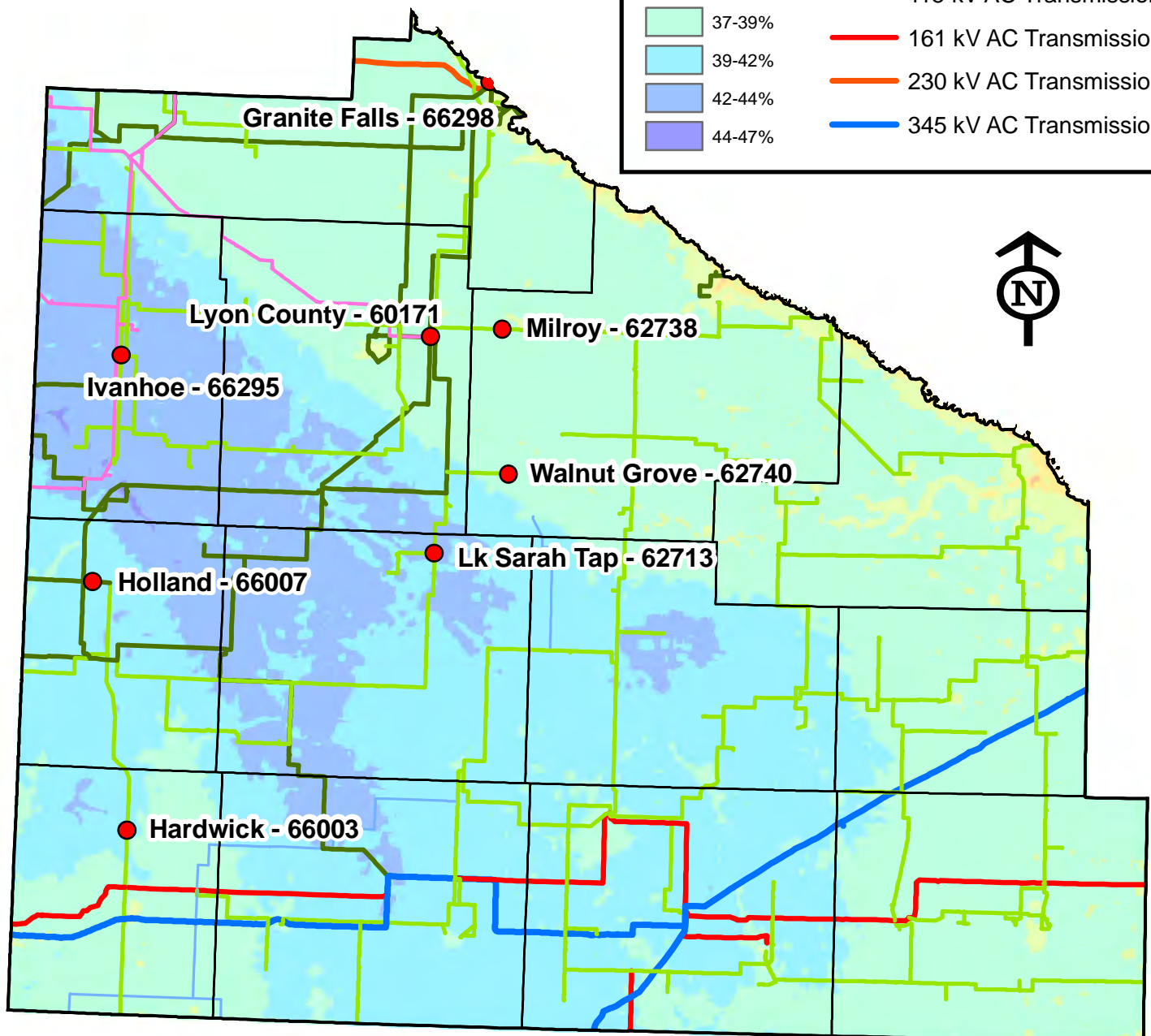
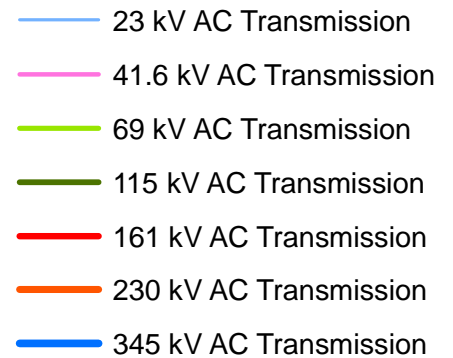
Legend

● Proposed DRG Sites

Wind Profile at 80 Meters



Transmission Lines



Appendix A - Mapping

Links to detailed zonal maps:

- Northwest Planning Zone
 - <http://www.minnelectrans.com/images/NW%20MN%20Zone.pdf>
- Northeast Planning Zone
 - <http://www.minnelectrans.com/images/NE%20MN%20Zone.pdf>
- West Central Planning Zone
 - <http://www.minnelectrans.com/images/WCtrl%20MN%20Zone.pdf>
- Southwest Planning Zone
 - <http://www.minnelectrans.com/images/SW1%20MN%20Zone.pdf>
- Southeast Planning Zone
 - <http://www.minnelectrans.com/images/SE%20MN%20Zone.pdf>