



# 2018 10-Year Assessment Projects PLANNING ZONE 3

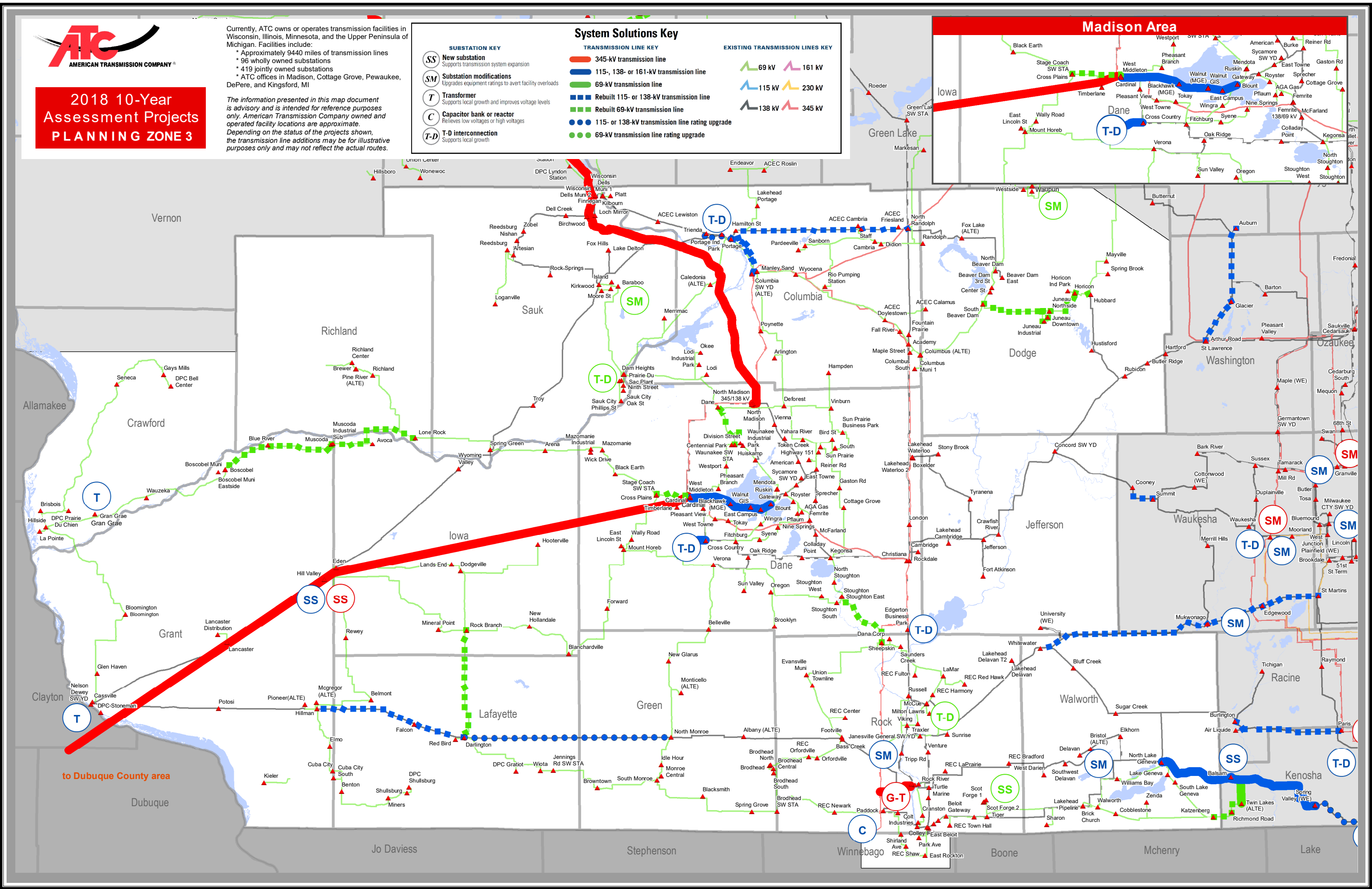
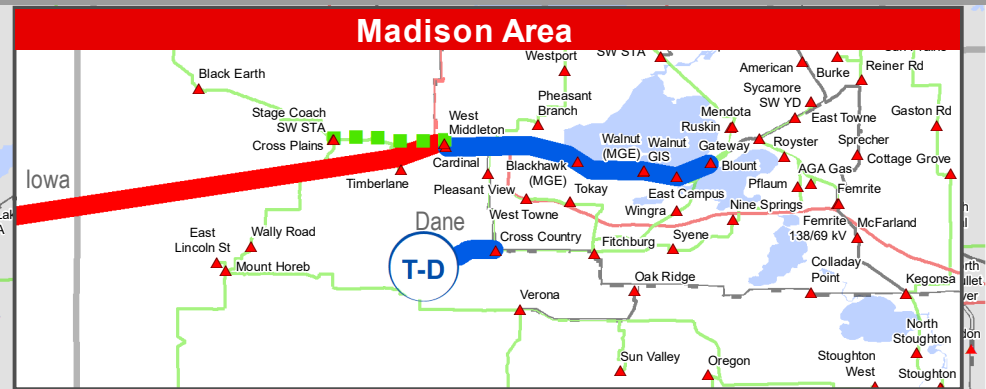
Currently, ATC owns or operates transmission facilities in Wisconsin, Illinois, Minnesota, and the Upper Peninsula of Michigan. Facilities include:

- \* Approximately 9440 miles of transmission lines
- \* 96 wholly owned substations
- \* 419 jointly owned substations
- \* ATC offices in Madison, Cottage Grove, Pewaukee, DePere, and Kingsford, MI

*The information presented in this map document is advisory and is intended for reference purposes only. American Transmission Company owned and operated facility locations are approximate. Depending on the status of the projects shown, the transmission line additions may be for illustrative purposes only and may not reflect the actual routes.*

### System Solutions Key

SUBSTATION KEY		TRANSMISSION LINE KEY		EXISTING TRANSMISSION LINES KEY	
<b>SS</b> New substation	Supports transmission system expansion	<b>Red line</b> 345-kV transmission line	<b>Blue line</b> 115-, 138- or 161-kV transmission line	<b>Green line</b> 69 kV	<b>Purple line</b> 161 kV
<b>SM</b> Substation modifications	Upgrades equipment ratings to avert facility overloads	<b>Green dashed line</b> Rebuilt 69-kV transmission line	<b>Blue dashed line</b> Rebuilt 115- or 138-kV transmission line	<b>Light blue line</b> 115 kV	<b>Yellow line</b> 230 kV
<b>T</b> Transformer	Supports local growth and improves voltage levels	<b>Blue dotted line</b> 115- or 138-kV transmission line rating upgrade	<b>Blue dashed line</b> Rebuilt 69-kV transmission line	<b>Black line</b> 138 kV	<b>Pink line</b> 345 kV
<b>C</b> Capacitor bank or reactor	Relieves low voltages or high voltages	<b>Green dotted line</b> 69-kV transmission line rating upgrade			
<b>T-D</b> T-D interconnection	Supports local growth				



to Dubuque County area