




2018 10-Year Assessment Projects
PLANNING ZONE 5

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.

| SUBSTATION KEY | | TRANSMISSION LINE KEY | | EXISTING TRANSMISSION LINES KEY | |
|----------------|---|-----------------------|---|---------------------------------|--------|
| SS | New substation Supports transmission system expansion | | 345-kV transmission line | | 69 kV |
| SM | Substation modifications Upgrades equipment ratings to avert facility overloads | | 115-, 138- or 161-kV transmission line | | 161 kV |
| T | Transformer Supports local growth and improves voltage levels | | 69-kV transmission line | | 115 kV |
| C | Capacitor bank or reactor Relieves low voltages or high voltages | | Rebuilt 115- or 138-kV transmission line | | 230 kV |
| T-D | T-D interconnection Supports local growth | | Rebuilt 69-kV transmission line | | 345 kV |
| | | | 345-kV transmission line rating upgrade | | |
| | | | 230-kV transmission line rating upgrade | | |
| | | | 115- or 138-kV transmission line rating upgrade | | |
| | | | 69-kV transmission line rating upgrade | | |