



# 2019 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
(C) Capacitor Bank or Reactor	(Solid line) New Transmission Line	(Red wavy) 345 kV
(SS) New Substation	(Dashed line) Rebuilt Transmission Line	(Yellow wavy) 230 kV
(SM) Substation Modification	(Dotted line) Line Rating Upgrade	(Black wavy) 161 kV
(T) Transformer	(Purple wavy) Voltage Conversion	(Blue wavy) 138 kV
(TD) T-D Interconnection	(Orange wavy) Communication	(Green wavy) 115 kV
(TL) Transmission Line	(Color bar) Color denotes kV	(Red wavy) 69 kV
(TT) T-T Interconnection	(Red bar) 345 kV	(Blue wavy) 161, 138, 115 kV
(ES) Energy Storage	(Yellow bar) 230 kV	(Green wavy) 69 kV
(GT) G-T Interconnection	(Blue bar) 161, 138, 115 kV	(Red wavy) Multi-Circuit - Color denotes kV
	(Green bar) 69 kV	(Red wavy) 345 kV Maintained by Others

