



Changes to UP Planning Area Generation				
Bound	Additions		Retirements	Existing Generation Dispatch Changes
	Non-Wind	Wind		
Lower	+5MW	Zero	-116 MW	-227 MW Fossil River Hydro @ 20% Lake Superior Hydro @ 0MW
Mid	+39MW	+125MW	-116 MW	-110 MW Fossil River Hydro @ 40% Lake Superior Hydro @ 20MW
Upper	+111MW	+500MW	-138 MW	No Change Fossil River Hydro @ 60% Lake Superior Hydro @ 44MW

Composite Western Load Growth Rate/MW Changes (Non-Fixed Loads)		
(Through 2024)		
Bound	% Growth/Yr	MW Change
Lower	-0.10%	-2 MW
Mid-Lower	0.36%	+6 MW
Mid	0.73%	+13 MW
Mid-Upper	1.23%	+23 MW
Upper	1.93%	+38 MW
Total Western Point Load Changes (Through 2024)		
Bound	MW Change	
Lower	-6 MW	
Mid-Lower	No Change	
Mid	+5 MW	
Mid-Upper	+19 MW	
Upper	+41 MW	

Composite Central Load Growth Rate/MW Changes (Non-Fixed Loads)		
(Through 2024)		
Bound	% Growth/Yr	MW Change
Lower	0.08%	3 MW
Mid-Lower	0.48%	+19 MW
Mid	0.84%	+34 MW
Mid-Upper	1.25%	+52 MW
Upper	2.00%	+86 MW
Total Central Point Load Changes (Through 2024)		
Bound	MW Change	
Lower	-111 MW	
Mid-Lower	-40 MW	
Mid	+29 MW	
Mid-Upper	+99 MW	
Upper	+184 MW	

Composite Eastern Load Growth Rate/MW Changes (Non-Fixed Loads)		
(Through 2024)		
Bound	% Growth/Yr	MW Change
Lower	0.10%	+2 MW
Mid-Lower	0.40%	+8 MW
Mid	0.75%	+15 MW
Mid-Upper	1.25%	+26 MW
Upper	2.00%	+43 MW
Total Eastern Point Load Changes (Through 2024)		
Bound	MW Change	
Lower	-2 MW	
Mid-Lower	No Change	
Mid	+33 MW	
Mid-Upper	+40 MW	
Upper	+56 MW	

Composite UP Load Growth		
Bound	2018	2024
Lower	-1.44%	0.86%
Mid-Lower	-0.24%	0.05%
Mid	1.14%	0.84%
Mid-Upper	2.00%	1.60%
Upper	3.00%	2.58%



Upper Michigan Energy Collaborative Futures

Currently, ATC owns or operates transmission facilities in 50 Wisconsin counties and in 15 Michigan counties. Facilities include:
 * Approximately 9350 miles of transmission lines
 * 96 wholly owned substations
 * 410 jointly owned substations
 * ATC offices in Madison, Cottage Grove, Pewaukee, De Pere, Wausau and Kingsford, WI

The information presented in this map document represent the most current and accurate georeferenced compilation of ATC owned and operated transmission facilities available - some facility locations may be approximate. This map is advisory and intended for reference purposes only. Please direct any revisions or corrections to ATC Asset Applications and GIS Group.

Base Map Information: ATC, PSCW, MIDNR, WDNR

