



# MAKING THE CONNECTION

with Northeast Michigan

[www.alpenapower.com](http://www.alpenapower.com)

"...low rates and exceptional reliability for Northeast Michigan!"

**Ken Dragiewicz**  
Vice President  
Alpena Power Company

### Vegetation Management:

To help reduce tree-related outages, Alpena Power Company has an aggressive Vegetation Management Program with a goal of clearing approximately 20% of our lines each year. This trimming cycle insures that all lines on our system are cleared of potentially troublesome trees over

each 5 year period. This results in increased system reliability and reduced customer outages.

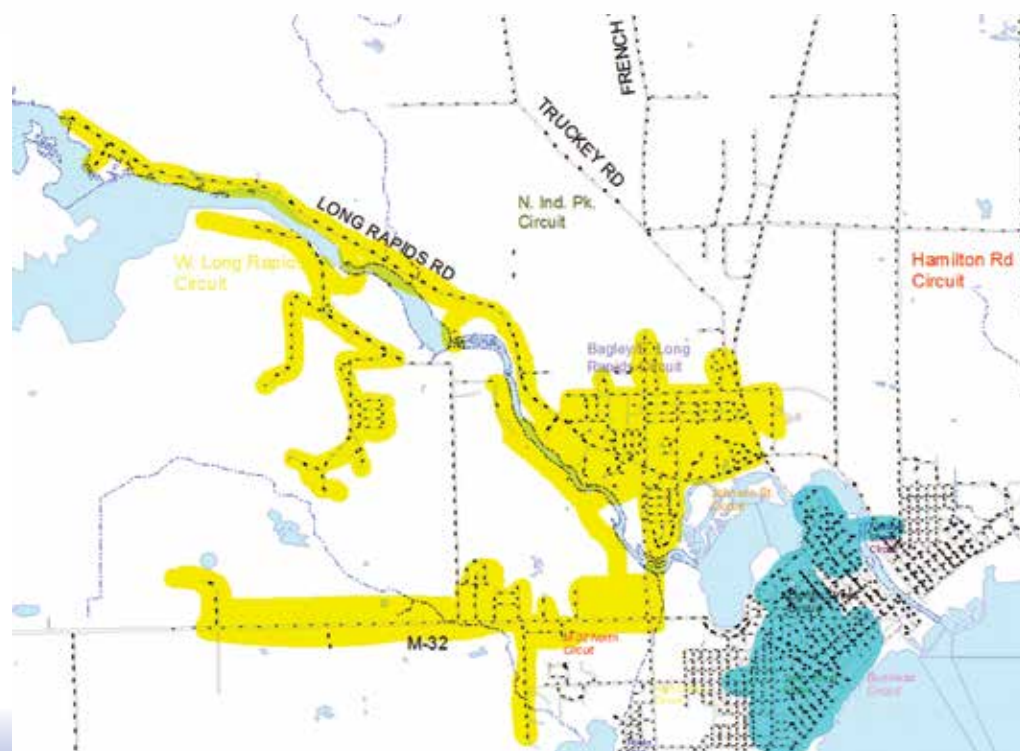
While trimming distribution lines, our policy is to trim to 15' on either side of the line. While trimming transmission lines, we will trim to 25-50' on either side of the line depending on the line voltage.

APC contracts tree trimming to professionals who carry Alpena Power Company identification. If you are not sure who is on your property trimming trees, please ask to see this identification.

If there is a tree on your property interfering with Alpena Power Company power lines or if you have questions about our Vegetation Management Program, please call: 358-4941 or Toll Free: 866-358-4900

The yellow and blue sections of the map below are the Vegetation Management areas for 2018 including:

- City area west of Thunder Bay River excluding downtown
- M32 corridor and Subdivisions west of Bagley St
- Long Rapids corridor and Subdivisions west of US 23
- Golf Course Rd corridor and Subdivisions



Summer 2018



### Transmission Rebuild Project Update:

In December 2017, Alpena Power Company Line Crews began a multi-year project to rebuild three transmission lines between the Four Mile Substation located off Long Rapids Rd and the Gennrich Substation located on Long Lake Avenue. To date approximately 1.5 miles of the project are complete including sections from US 23 North to Woodward Avenue and from Four Mile Substation to Silver City Lane.

The construction schedule for the remainder of 2018 is to complete the section from Silver City Lane to US 23 North and then continue from Woodward Avenue to Gennrich Substation on Long Lake Avenue in 2019. The entire project is scheduled to be completed in 2022 and demonstrates Alpena Power Company's commitment to provide reliable, low cost service to its customers.



Alpena Power Company wishes you and your family a happy, healthy and fun summer!

### Environmental Characteristics of Electricity Provided by Alpena Power Company

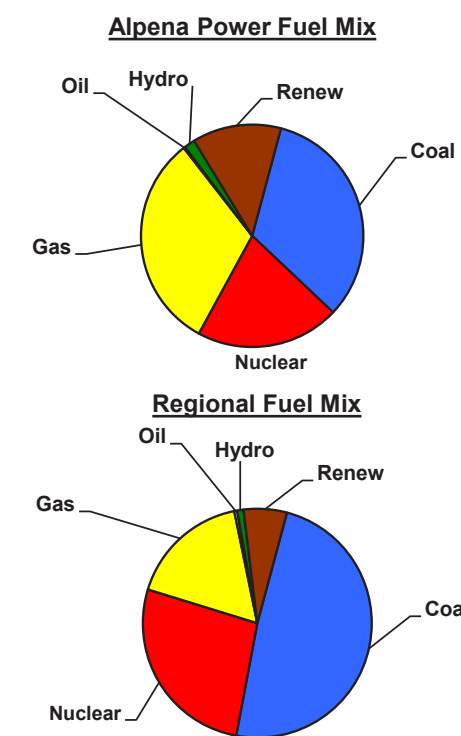
April 1, 2017 through March 31, 2018

Fuel Sources	Alpena Power's Fuel Mix Used to Generate Electricity	Regional Average Fuel Mix Used to Generate Electricity (MI, IL, IN, OH, and WI)
Coal	32.9%	48.8%
Nuclear	20.9%	26.8%
Gas	31.5%	17.0%
Oil	0.2%	0.4%
Hydroelectric	1.6%	0.9%
Total Renewable Fuels	12.9%	6.1%
Biofuel	0.1%	0.9%
Biomass	0.1%	0.5%
Solar	0.1%	0.1%
Solid Waste Incineration	1.1%	0.1%
Wind	9.3%	4.1%
Wood	2.2%	0.4%

Note: Biomass excludes wood; solid waste incineration includes landfill gas.

Type of Emission/Waste	Alpena Power Average Pounds per Megawatt-hour	Regional Average (MI, IL, IN, OH, and WI) Pounds per Megawatt-hour
Sulfur Dioxide	3.1	3.7
Carbon Dioxide	1,767.2	1,999.0
Oxides of Nitrogen	0.81	1.40
High-Level Nuclear Waste	0.0069	0.0083

Alpena Power purchases 100% of the power it supplies to customers.



Have you checked out our Energy Thrift Certificate rates lately? Currently, we are offering rates as high as 3.50%. Call (989) 358-4900, option 7 for more information.