

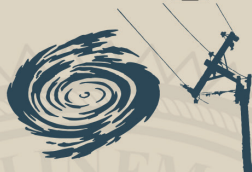
A Look at U.S. Lineman History

As we celebrate the work Klickitat PUD linemen do each day, let's take a look at some interesting facts surrounding the beginning of the lineman trade and the United States electric infrastructure.

LINEMEN: Pride, Camaraderie, & Spirit



115,000
linemen in the
United States



67,000
Approximate number
of line personnel responding
to Superstorm Sandy

Power lineman Trade
begins **1879** with the
invention of the Edison
lightbulb.



Average cost of installing
powerlines per mile:



Overhead = \$40,000
Underground = \$210,000



**First lineman in the
United States: Ezra Cornell,**
who built the Morse Telegraph
line and later founded
Cornell University.



Approximate weight of
lineman tools and
equipment worn: **30 lbs.**



Hot sticking began in **1905**

Barehanding began in **1915**



Median Annual Wage
(not including overtime):
\$63,250

Rubber gloving started in the **1920s**



9 Million Miles of wire
in service in the U.S.



Henry Miller: Founder
and first president of
International Brotherhood
of Electrical Workers

Number of years training to achieve journeyman status: **4**



170 Million
Number of wood poles in
service in the U.S.



2.7 Million
Number of transmission
towers in service in the U.S.

Estimated number
of electric customers
in the U.S.
155,000,000



Sources: US Department of Energy; North Jersey Transportation Planning Authority; Electric Light and Power Magazine; Northwest Lineman College; NRECA; EEI and others.



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