



Alaska Power & Telephone has a full time opening for a **T&D Staking Engineer or Technician** to administer a power utility GIS mapping system and support distribution design. We are open to various home-base locations but prefer someone in Alaska or the Northwest. This role will focus first on implementation and maintenance of a GIS mapping system. Once implementation of the GIS system is completed, the role will shift to emphasize maintenance and expansion of the system as well as general technical support for outside plant facilities construction and maintenance.

As a small utility we offer a diversity of experience. We work together to safely integrate innovative new generation resources including renewables, address day to day operational issues, ensure power system stability, connect and monitor industrial load centers power quality, pursue coordination issues, address regulatory requirements and other such tasks. The successful candidate will work to find their own relative strengths within our staff and ultimately take leadership on a variety of projects. AP&T is currently implementing a GIS system for outside plant tracking. AP&T owns and operates transmission and distribution systems at 35kV, 29kV, 12.47kV, 4.16kV, and 2.4kV.

### **Duties and Responsibilities**

- Oversee implementation and maintenance of the NISC Mapwise (GIS) based mapping and staking system for AP&T's power facilities
- Develop company GIS mapping and distribution construction standards
- Provide engineering support for planning, construction, operation and maintenance of AP&T distribution facilities.
- Perform troubleshooting and engineering tasks including calculations
- Arrange training and assist users of the GIS system as needed.
- Help create and maintain site drawings and add other new infrastructure into GIS or AutoCAD files, including integration of survey data into the mapping system.
- Provide assistance to the telecommunications GIS team as needed
- Provide review of existing facilities for NESC compliance and violation tracking

### **Required Qualifications**

- High School Diploma or GED
- Degree, certification, or relevant experience in outdoor power facilities design
- Ability to self-motivate, manage time, plan projects, communicate with other team members
- Ability to safely identify and work around electrical and mechanical equipment
- Efficient with AutoCAD, Microsoft office and other similar basic computer tools
- Current passport and ability to travel to other locations, up to 25% of workload will involve travel, which is reduced if in or near AP&T served communities
- Ability to pass pre-employment background check and drug tests
- Mental flexibility, willingness to learn unfamiliar parts of the job and a positive attitude
- Valid driver's license and the ability to be insured by AP&T

**Desired Qualifications**

- 2- or 4-year engineering or technical degree in a relevant area of study
- Familiar with isolated Alaskan communities and challenges of travel and planning projects in the region
- Background in power distribution systems including practical experience
- Knowledge of engineering design principles and engineering standards and codes applicable to electric utility

This position will be open until filled.  
NO PHONE CALLS PLEASE

Interested? Apply today at:

<https://aptalaska.workbrightats.com/jobs/718011-176045.html>

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