Installing Bethel’s New Wind Turbine

Bethel is getting a new EWT 900kW wind turbine, the largest turbine in AVEC’s fleet of 34 wind turbines. The tower height, measured from the foundation to the hub, is 50 meters/164 feet. Each blade is 84 feet with a (combined) swept area of 170.6 feet. The two-person nacelle, at the top of the tower, is where some routine maintenance is performed. There are also controls at the tower base.

EWT, the turbine manufacturer, is based in the Netherlands. STG Inc. was hired to do the installation of the wind turbine with assistance of two EWT technicians. More information is on page 32.