

## AV WIND ENERGY EXPERIENCE

AeroVironment (AV) has had a continuous presence in wind power technology since 1977. We have conducted over 250 sponsored projects related to wind power technology, and invested in, developed, owned and managed wind farms. AV has been awarded over 50 federal grants that covered disciplines including aerodynamics, control systems, remote sensing, meteorology, wind engineering, code development, and measurement techniques. As a long-standing member of many professional wind energy societies, AV has contributed to certification and standards in performance analysis, siting and environmental compliance.

Starting in 1977, AV monitored and appraised wind energy potential in utility service territories. We were the principal investigator to Southern California Edison, Alaska Power Administration, Utah Power & Light Company, Western Area Power Administration, many California municipal utilities and several foreign utilities. As a principal researcher to the California Energy Commission for the 1985 California Wind Atlas, we were responsible for the California Desert and Southern California Basin. AV was also one of the original research contractors for the US Department of Energy Wind Characterization Program.

Starting in 1985, AV provided financial institutions and planning authorities a technical resource for wind energy investment review. We have served as the principal technical resource in the US for the Danish Investment Foundation, Mitsubishi Bank, Sumitomo Bank, and many other European and Asian financial institutions. Danish and Japanese wind turbine manufacturers have also retained AV.

AV is currently involved in several initiatives in energy technology, including renewable wind energy, marine energy, and hydrogen production and storage.

### AeroVironment, Inc. – Continuous Wind Energy Technology Presence since 1977

