



DOWNES ASSOCIATES INC
Engineering & Management Consultants

SCADA and Telecommunication Engineering

DAI has provided both engineering and technical support for SCADA and telecommunication construction projects for numerous utilities. Our engineering and technical support personnel have worked shoulder-to-shoulder with both rural electric cooperatives and municipal utilities throughout the Mid-Atlantic Region for over forty years in the development of these vitally important systems. We have assisted clients in all phases of SCADA projects including design, bid specifications, procurement contract oversight, installation and commissioning oversight, and field technical support. Our project experience includes feasibility studies, design and specification of complete integrated SCADA and load management systems, SCADA master station upgrades, integration of substation protective relays and other IEDs into existing SCADA systems, integrated distribution automation schemes, automatic generator control (AGC) systems, outage reporting and auto-restoration schemes. Communications being the backbone of any SCADA system, DAI's engineering staff is well experienced in the analysis, application and design, upgrade and integration of all types of communication systems ranging from Power Line Carrier (PLC), copper, radio and fiber optic networks. We are also knowledgeable in all modern open SCADA communications protocols such as UCA2, DNP3.0 Modbus and Telegyr 8979. Our knowledge and experience with these and other protocols, including the use of a protocol analyzer, has proven extremely valuable in avoiding and resolving compatibility issues among the various equipment vendors typically involved in an integrated system.

Additional Questions?

We are here through every step of the process, including the information gathering stage. In fact, we understand this to be one of the most important aspects of locating a consultant capable of handling your project.

Call Today! (410) 546-4422