

# Battery Management Services

Battery Management Services from Solidstate Controls Inc. is a 24/7 service program designed to provide users with real-time battery management. The goal is to provide clients with decision-making data aimed at prolonging the life of the battery system. By monitoring voltage, current, temperature and resistance, and comparing that data to predetermined “benchmark” values, we are able to analyze the condition of the battery. From this information, statistics can then be assembled regarding the state of the battery, and in predicting battery life remaining.

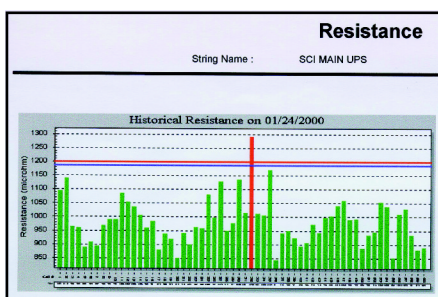
## S E R V I C E F E A T U R E S



- System hardware (BMS2000 Battery Monitoring unit) installed at site
- 24/7 Battery Monitoring (can be to SCI's centralized monitoring network)
- Establish baseline battery parameters
- Full remote communications capability
- Monthly status reports
- Assistance in interpreting data to analyze the state of battery

### Battery Management System Description:

The Solidstate Controls Inc. BMS 2000 Series Battery Management System is the economical solution to your battery management needs. The BMS 2000 is a cost-effective, stand-alone monitoring system designed for power generation and process applications. The BMS 2000 goes beyond what other battery monitoring systems can do by providing an early warning of possible battery problems. The BMS 2000 actually checks the condition of each cell by monitoring charge voltage, current, battery discharge and performing a proactive resistance test. Measuring the internal resistance of a battery is considered to be the most reliable method for predicting a battery's condition. The BMS 2000 Battery Manager Software provides a powerful tool for monitoring, trending, and analysis of the battery system. The BMS 2000 System can be interfaced with associated equipment to provide a more complete picture of the critical power system.



**Data Manager Software displays critical information about battery condition**

