CerAnode™ Technologies International

Division of APS-Materials, Inc. ----------

CerAnode Solar Powered Cathodic Protection

Specifically Designed for Remote Applications

CerAnode Solar Power

CerAnode has the answer when your groundbed is remote and away from a power source. CerAnode can tailor a solar system to meet your application in your particular geographical location. We design and supply a system based on the amount of solar energy at site and your groundbed requirements that are specific to the application. The CerAnode standard controller will provide control of the groundbed current, voltage and potential.

High Current Output for Rapid Initial Anode Bed and Well Casing Polarization

Most knowledgeable CP engineers design and optimize the CP Power Source for the initial high current required at commissioning to achieve groundbed / structure polarization. This has been fully accounted for in the CerAnode Solar Power design. The necessary current capacity stored in the batteries is available when needed to assure a quick polarization followed by a maintenance polarization current to assure protection of a well head casing, pipeline or other cathode structures.

CerAnode CP-Stat Link Controller (Optional)

The CerAnode Remote Controller is a microprocessor based controller that provides multiple functions related to Cathodic Protection. It can be operated in Constant Current, Constant voltage, Constant Potential, Constant Off-Potential (IR-Free), Constant Polarization Mode (100 mV or other).

Integrated Remote Transmits the Following Data (Optional)

Time
Date
Temperature
Groundbed Current
Battery Charge Current
Battery Voltage

Single or multiple Reference Electrode Polarization Data
And other optional parameters such as well head pressure, tank product level, etc.

CP-Stat Link Controller for Solar Unit