

### Plenary Presentation

## Widespread Implementation of Electricity Storage: Is Progress Being Made?

by **Bradford Roberts**,  
Director for the Power Quality Products Division, S&C Electric  
Company



### Abstract

Large scale storage of electricity offers tremendous opportunities for the electric power industry to optimize the generation and use of electricity worldwide. With the growing concern for global warming, broader applications of electricity storage are starting to occur.

Will storage applications begin to accelerate at the same rate that has taken place with distributed energy sources (wind and solar); or, are barriers to greater use of electricity storage going to hinder growth? This presentation is an overview of current technical, economic and regulatory conditions that influence the greater use and acceptance of electricity storage.

### Biography

Brad Roberts is the Power Quality Systems Director for the Power Quality Products Division of S&C Electric Company which specializes in low and medium voltage power protection systems. He is chairman of the Electricity Storage Association.

Mr. Roberts has over 35 years experience in the design and operation of critical power systems, ranging from single phase UPS systems to medium voltage applications. He is a senior member of IEEE and has published over 40 technical papers and journal articles on critical power system design and technology.

Mr. Roberts is a registered professional engineer and has a BSEE (Bachelor of Science in Electrical Engineering) degree from the University of Florida. He is Past-Chairman of the IEEE Power Engineering Society's Emerging Technologies Committee.

Mr. Roberts is the 2004 recipient of the John Mungenast International Power Quality Award.