

## SESSION 2A

### DEMAND RESPONSE PROGRAM EVALUATIONS AND TECHNOLOGIES

This session will highlight a number of recent utility demand response programs, evaluation methods and results. In addition, attendees will gain important insights into some of the existing and new technologies being used and will obtain useful background information on the historical and current rationales for continuing demand response programs in the evolving/restructured utility environment.

*Moderator: Scott Albert, GDS Associates*

#### PAPERS:

#### **Making Decisions Regarding New Technology Upgrades Within Existing Load Management Programs**

Vikki C. Wood, Sacramento Municipal Utility District

Michael T. Ozog, Ph.D., Summit Blue Consulting

Daniel M. Violette, Ph.D., Summit Blue Consulting

#### **Results from California's Small Commercial Demand-Responsiveness Pilot Program**

Roger L. Wright, RLW Analytics, Inc.

Mark S. Martinez, Southern California Edison

#### **Mass-Market Demand Management Offerings: Evaluation Methods Assessment and Results**

Daniel M. Violette, Ph.D., Summit Blue Consulting

Michael T. Ozog, Ph.D., Summit Blue Consulting

#### SESSION SUMMARY:

This session provides information on demand response technologies and program evaluations from experienced utility and evaluator perspectives. The first paper provides an excellent introduction, from a utility's (SMUD's) perspective, of various technologies being used in the residential sector and discusses difficult decisions and issues that should be addressed when considering transitioning from old to new control approaches. The second paper provides great information on small commercial control technologies and program evaluation results using an engineering-based impact analysis approach. The final paper in this session provides excellent details on three electric utility residential load management program evaluations (including SMUD's) and a regression/statistical approach used to assess program impacts.

