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Prepared by
Battelle Memorial Institute
Columbus, Ohio

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ABSTRACT

On June 21-23, 1983, The Electric Power Research Institute, Inc. (EPRI) sponsored a symposium on "Load Research" in Chicago, Illinois.

The purpose of the symposium was to promote an active exchange of information among technical analysts at electric utilities and regulatory commissions on recent advances in analytical techniques related to load data research. A secondary purpose was to identify new areas of research that need to be addressed by EPRI.

The symposium featured five moderated sessions on topics such as the expanded uses of load research, applications in forecasting and marketing, sample design and data analysis, data management systems, and advances and future directions in load data research. This multidisciplinary approach was chosen to generate information and ideas among utilities.

PREFACE

The first EPRI Load Research Symposium was held in Chicago from June 21 to 23, 1983. Predicated on the belief that load research data is a valuable resource for utilities, the symposium accentuated the expanded uses of load data (beyond the traditional cost-of-service application). Modern techniques of design, analysis, data management, and instrumentation were also covered.

The symposium objectives were:

- To bring load researchers and practitioners together for an exchange of insights and ideas
- To provide exposure for innovative techniques being developed in utilities and in the EPRI R&D program
- To develop additional insights into load research
- To focus on the expanded applications of load research that heighten its value to utilities

The symposium was well attended and also well received. More than 100 participants representing 58 utilities in 33 states and 2 foreign countries attended. Twenty-four papers were presented in four technical sessions, and seven speakers summarized their ideas in a panel discussion on data management systems.

The load research community was provided with an opportunity to present and discuss their own significant innovations. EPRI was able to discuss in depth the research needs as seen from the view of industry practitioners to better direct future projects in this area.

Edward Beardsworth, Project Manager
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