

METEOROLOGICAL STUDIES

EDM International, Inc. provides a wide range of meteorological services in the transmission line design and line rating arenas. By teaming with Cermak Peterka Peterson, Inc., a leader in wind engineering and meteorological study, it offers a unique combination of expertise related to the many meteorological issues associated with the design and operation of overhead power lines.

These services include:

Line Rating Evaluations

- Ambient Temperature Contour Mapping
- Low Speed Wind Analyses
- Probabilistic Study of Meteorological Variables
- Probability-Based Ampacity Ratings
- Line Loading Studies

Design Criteria Evaluations

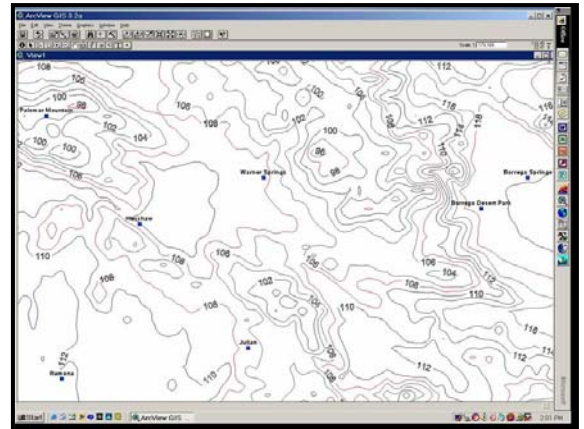
- Design Wind Speed Predictions
- Snow and Ice Load Predictions

Meteorological Forecasts

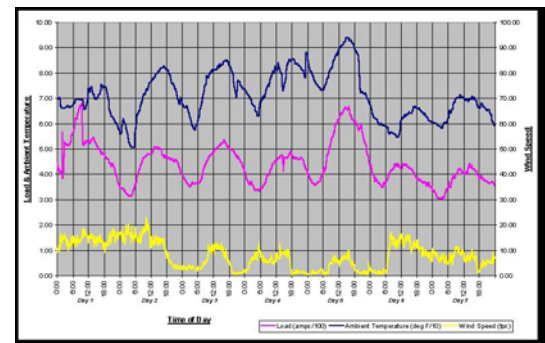
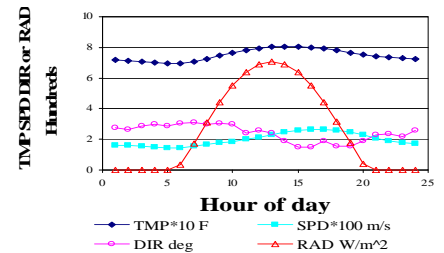
- Weather Predictions Based on Computational Fluid Dynamic (CFD) Analyses
- Forecasted Effects on Generation Requirements

Data Collection and Management

- Furnish and Install Remote Weather Stations
- Data Collection and Reporting for Historical Use
- Web-Based Real-Time Data Access



July Averages



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