



OutageCast™

*The new alternative for
improving reliability, and
reducing the costs of operating
and maintaining electric
distribution systems*

...From

RGALabs, Inc.

www.RGALabs.com

RGALabs, Inc. the industry leader in providing customized electric load forecasting to the energy industry, introduces a new forecasting product **OutageCast™** designed to help electric Transmission and Distribution (T&D) organizations improve system reliability, and decrease costs

Given the multitude of issues affecting T&D organizations, **OutageCast™** can become an integral part of your effort to manage **CAIDI** and **SAIFI** performance, as well as labor costs arising from storm-related recovery efforts.

T&D Issues

- Due to expansive geographical territories, storm activity can severely strain resources during service restoration across all geographical areas, thus resulting in an increase in **CAIDI**.
- Forecasts of storm activity are used in the forecast of damage. Weather forecasts of storm activity may not always provide meaningful information that can be used for the anticipatory scheduling, staging, and dispatch of work crews for service restoration. This also results in an increase in **CAIDI**. The accuracy of these forecasts can significantly impact labor costs.
- Similarly, more effective and targeted prioritization of maintenance activities (including vegetation management), based upon geographic location, interruption causal factors, and index performance, could also reduce **CAIDI** and **SAIFI**.

RGALabs, Inc. is a diversified engineering and consulting firm, specializing in the development of solutions to exceptionally difficult or unusual engineering problems.

RGALabs, Inc. Services & Products

- Long Term Load Forecasting
- Retail Load Forecasting
- T & D Outage Forecasting
- Weather & Load Forecasting
- Forecasting Analysis
- LMP (Locational Marketing Pricing)
- Nuclear Services & Hardware
- Prototype Development
- Precision Fabrication
- Vehicle Accident assessment
- Mechanical Forensic Assessment
- Energy Storage
- OutageCast™
- PowerCast™
- Metropolis™
- Metropolis Retail™

RGALabs, Inc.

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OutageCast™

*State-of-the-Art
T & D Outage Forecasting System*

- Licensing includes installation, hardware & high-resolution weather forecasting service.
- Fully Automated input & Output
- Full Weather & Outage Statistics
- Continually Updated
- Modular & Expandable
- Compatible with Existing Forecasting Systems
- Open Database Architecture for Easy Access to Data
- Full Data Archiving
- Flexible Output Methods Including Full Web & Excel Deliver
- Unparalleled Accuracy

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OutageCast™

T & D Outage Forecasting System

Accurate Outage Forecasts

The custom-built **OutageCast™** system automatically determines your key factors for a T & D outage by running the models against the current conditions and weather forecasts to provide the probability of an interruption and the number of customers impacted.

OutageCast™ uses a proprietary Artificial Neural Net (ANN) modeling system. Each ANN modeling system is custom-designed and constructed for each client, thus delivering the most accurate forecast available on the market today.

Automated and Customized Output Displays

OutageCast™ will automatically deliver to the end user the most reliable outage forecasts, and data analysis alerting you to possible weather induced line interruptions and preventive maintenance requirements to improve your index performance in a custom-designed output format.

Automated Data Acquisition

OutageCast™ is a fully automated computing system, constructed from a series of asynchronous computing modules that operate independently of each other. Each computing module is controlled from a user-friendly front panel, enabling a user to specify customized operating configurations.



Focused, Value-added, Analyses

Besides providing you with an accurate outage forecast, and presenting this information in a customized format, the **OutageCast™** system has options that can provide you with automated, customized, time-sensitive statistics.

Increased Personnel Efficiency

The **OutageCast™** system runs on a stand-alone platform, and is completely automated, except for customer counts. When combined with the backup and recovery services that have been built into the SQL data architecture, and the user-friendly front panel controls, the **OutageCast™** system will actually reduce your demands for support personnel.

Customer Satisfaction Guaranteed

We guarantee that **OutageCast™** and any support services you request will meet and exceed your most stringent criteria. If you are not happy you have the option to cancel with 30-days' notice, thus providing guaranteed satisfaction.

