



PowerCast™

Forecasting Management System

The Strategic Advantage

...From

RGALabs, Inc.

www.RGALabs.com

A one degree forecast error could cost you \$100,000 to \$400,000 per day.

At these prices, can you afford an inaccurate forecasting system?

Imagine if you will...

Arriving at your Operating Center at 5:30a.m. finding the most current, and accurate, hourly load forecast for both the current day and the next day waiting for you.

Imagine...

Automatic updates of forecasts throughout the day, based upon actual load and weather conditions.

You have just imagined your business working with...

PowerCast™

Forecasting Management System

*From **RGALabs, Inc.***

For more information contact

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www.RGALabs.com

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
- LMP (Locational Market Pricing)
- Forecasting Analysis
- 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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PowerCast™

Automated Load Forecasting System

- Fully Automated
- Unparalleled Accuracy
- Full Weather & Process Statistics
- User Customized Delivery of Results
- Continually Updated
- Modular & Expandable
- Compliments your Existing Forecasting Systems
- Open Database Architecture
- Full Data Archiving
- SQL Server Data Architecture
- Flexible Output Methods Including Full Web & Excel Delivery

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PowerCast™

Automated Forecasting System

PowerCast™ for Unparalleled Forecasting Accuracy

PowerCast™ acquires and processes one or more weather forecasts, producing a highly accurate composite weather forecast. This weather forecast is then be used in multiple load forecast models (including the *RGALabs* Artificial Neural Net model) to create a highly accurate load forecast. Improved load forecasting can provide many benefits, including better profitability and cash flow.

Automated and Timely Forecasts

PowerCast™ automatically collects data and provides weather and load forecasts to end users on a periodic or on-demand basis. Each software module can be configured to run at specific times or when new data is available, thus providing users the latest forecast results. Each module is controlled from a user-friendly front panel (shown below), enabling users to specify various operating configurations.

Flexibility in Providing Results

PowerCast™ can provide tailored results to enterprise-wide users in the most convenient manner, such as graphical or spreadsheet formats. Output can be delivered to desktops in a variety of ways such as intranet web page.

Reliable Data Acquisition and an Open Data Base Architecture

PowerCast™ is built on the **Metropolis™** data architecture, which is a standardized platform constructed from a series of asynchronous software modules that operate independently of each other. All data received and created is also automatically archived. Thus, with standard database tools, users can access the data for other application needs.

Value-added Data Analyses and Scenario Evaluation

PowerCast™ system has options that can provide you with customized, time-sensitive statistics needed to improve forecasting. Other options include the ability to create load forecasts under “what-if” sets of data such as weather forecasts.

Simplified Integration, Administration & Management

The **PowerCast™** system runs on multiple industrial grade platforms and is completely automated. 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 **PowerCast™** system will help maximize the benefits load forecasting within your enterprise.

Customer Satisfaction Guaranteed

We are confident that **PowerCast™** and any support services you request will meet and exceed your most stringent criteria.