



Metropolis™ Retail Load Forecasting System

The Retail Advantage

...From

RGALabs, Inc.

www.RGALabs.com

A 50 MW forecast error
could cost you up to
\$8,000 per day.

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

Imagine ...

... arriving at your office at 6:00 AM and finding the most current, and accurate, hourly load forecast for the next 6 days waiting for you. A load forecast that was automatically generated using high-resolution weather forecasts and a state-of-the-art forecasting model.

**You have just imagined working
with ...**

*Metropolis™ Retail
Load Forecasting System*

...From ***RGALabs, Inc.***

For more information call
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Visit our website
www.RGALabs.com

RGALabs Inc. ...

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

Other Services & Products by RGALabs, Inc.

- ♦ Short Term Hourly Load Forecasting
- ♦ Long Term Load Forecasting
- ♦ T & D Outage Forecasting
- ♦ Prototype Development
- ♦ Precision Fabrication
- ♦ Nuclear Services & Hardware
- ♦ Energy Storage

RGALabs, Inc.

***Advanced Engineering, Technology,
& Prototype Development***

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Metropolis™ Retail

State-of-the-Art
Load Forecasting System

- ◆ Complete Turn-key Installation, including all necessary hardware & high-resolution weather forecasting service.
- ◆ Fully Automated Input & Output
- ◆ Full Wx and Load Statistics
- ◆ Modular and Expandable
- ◆ Open Database Architecture for Easy Access to Data
- ◆ Full Data Archiving
- ◆ Flexible Output Methods

providing
Unparalleled Accuracy

Metropolis™ Retail Load Forecasting System

Accurate Forecasts

Metropolis™ Retail will automatically ingest and process high-resolution weather forecasts (i.e. 6 km blocks), along with customer counts, using a proprietary Artificial Neural Net (ANN) modeling system to produce an hourly load forecast (aggregated across all pre-established retail customer classes) for a six-day time horizon. Each ANN modeling system is custom-designed and constructed for each client, thus delivering the most accurate retail load forecast available on the market today

Automated Output Displays

Metropolis™ Retail will automatically provide the most useful weather and load forecasts, and data analysis, directly to the end-user, in a custom-designed output format for the users, when the forecasts are needed.

Straightforward System Operation

Metropolis™ Retail is a fully automated computing system, constructed from 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 automatically obtaining weather forecasts, then processing these weather forecasts into an accurate load forecast, and presenting this information in a useful format, the *Metropolis™ Retail* system has options that can provide you with automated, customized and time-sensitive statistics.

Simplified Integration

The *Metropolis™ Retail* 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 *Metropolis™ Retail* system will actually reduce your demands for support personnel.

