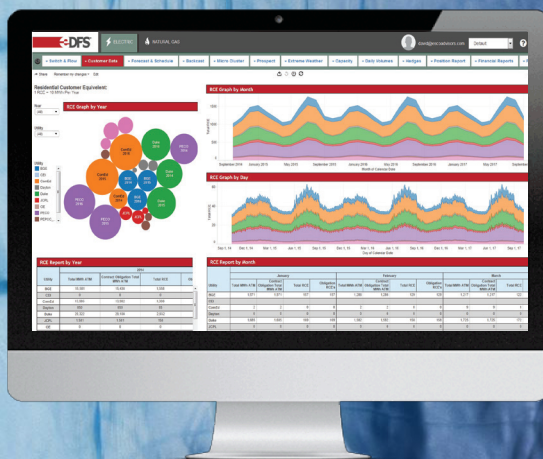escoware®

Not Seeing All Your **Data?**

Advanced Energy Analytics
Dive Deeper. View More. Risk Less.

escoware®

Analytics & Intelligence Platform
Dive Deeper. View More. Risk Less.

Energy Analysis can be daunting. Critical data is all over the place, it exists in files, databases, and websites. The challenge of COLLECTING, ORGANIZING, STORING, MAPPING, CLEANING and CRUNCHING that information is a labor intensive and error-prone full-time endeavor. You and your team have to do all of these tasks EVERY DAY, before you even have the opportunity to visualize and interpret that information.

The ESCOWare® Analytics and Intelligence platform is designed to make your life easier, putting your information at your fingertips. The visualizations and reports provide you the information you need, when you need it, enabling you to make critical business decisions. The chart below represents just a few of the applications that our clients have used the platform for. If you find yourself data-challenged, call or visit ESCO Advisors today: **www.escoware.com**

Analytics & Intelligence Platform

eDFS ELECTRIC	GAS	WEATHER	ETRM	PRICING	SALES & MARKETING	CUSTOM

e Analytics & Intelligence Platform

Watchdog Layer: Batch Scheduling, Data Checking, Ensure current Data always	**Data Collection Layer:**	Collecting/Organizing/Cleaning/Mapping
	Data Management:	Allow Users to Add, Edit, Modify, Refine Data
	Data Calculation Layer:	Crunch Numbers, Add Value (Weather Data, Constants , Coefficients)
	Data Viz/Reporting:	Visualizing/Interpreting - Use Best in class tools to make decisions quickly & confidently
	Data Export Layer:	Export and Share Data

Flagship Product: The ESCOWare® Demand Forecasting System (DFS) described on the next page is built entirely on the ESCOWare® Analytics and Intelligence Platform.

eDFS®

Electric Demand Forecasting System
Built on the ESCOWare® Analytics & Intelligence Platform

Weather is the most critical factor in determining customer usage. The ESCOWare® DFS solution utilizes proprietary, state of the art weather normalized algorithms that help to mitigate risk by accurately forecasting customer usage, allowing for predictable margins and profitability. ESCOWare® DFS is a cloud-based software solution designed specifically for the complexities of retail energy suppliers, and utilities.

Utilizing both future start date and active contracts to determine total contractual load obligation, the Demand Forecasting System helps to maintain financial covenants and collateral requirements with wholesale counter parties. In addition, ESCOWare® DFS allows 'what if' scenarios to track and manage cash flow by testing extreme weather conditions and/ or the effect of customer growth (or churn) against the current book of business.

With over 150 Essential Reports Including:

- Extreme Weather Hedge Analysis
- Hedge Recommendations
- Capacity Reports
- REC Forecasting
- Ad-Hoc Reporting / Report Builder
- Usage Allocation Reports

- Switch & Flow Reports
- Scheduling in the "Day-Ahead" Market
- Weather Normalized Load Profiles for All Utilities
- Manage Contract Obligation
- Merge Products & Portfolios

- Mark to Market
- Profit & Loss Reports
- Un-billed Revenue
- Position Management
- Backcasts
- And much more!

- **New user interface and bulletin board feature:** Stay connected: All information about new product features, releases, updates on weather alerts and new reports are posted to our new bulletin board and are available for you as soon as you log into the system.

- **New Tasks Feature:** Prevent important risk management duties from falling through the cracks. The tasks feature allows you to create, assign and manage important one-time and recurring activities for yourself and your team... All without ever leaving the DFS.

- **New & Enhanced Data Visualization Tools:** Significantly faster reporting engine allows you to see more data in less time. See your data in a variety of new visual formats that help you get to relevant data faster and make more informed risk management decisions.

- **New Interactive Tools & Ad Hoc Reporting:** Be in control of your data. Manipulate and fashion your own unique reports through Ad Hoc Reporting - or save customized views with added filtering options through optional desktop application.

- **Prospects:** Properly plan for growth by visualizing and analyzing the impact prospects can have on your energy portfolio forecasts and hedges.

- **Micro Clusters:** Forecast, hedge, and manage your position on a single customer or specific grouping of customers in your portfolio and gain insights through detailed drill-down reports.

FREE DEMO: 203-456-1850

System Benefits Include:

- Effectively manage risk in real-time.
- Increase profitability by eliminating additional overhead.
- Better visibility to data.
- Lower server cost by using one centralized system.
- Make more timely, accurate decisions.

escoware®

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The following are just two examples of our most popular reports...

Extreme Weather Analysis

As we have all seen this past winter, extreme weather events can and will play a large role in the operation of your ESCO. The ESCOWare® Demand Forecasting System provides you with the peace of mind of knowing what your current forecast will look like during these swings in the weather. You are provided with a forecast based on multiple different weather scenarios:

- 10 year average hourly weather
- Minimum 10 year hourly weather
- Maximum 10 year hourly weather
- Minus 1, 2, and 3 standard deviations from average
- Plus 1, 2, and 3 standard deviations from average

Hedge Recommendation Reports

The ESCOWare® Demand Forecasting System will not only keep track of your existing Hedges, but can also give you detailed recommendations for placing additional hedges based on your predetermined risk policy parameters. The system will update these recommendations daily, taking into account new starts/stops and weather forecasts that can have an effect on your forecast volumes and additional hedges that you have placed and entered into the system. These recommendations are shown on a weekly or monthly averaged basis and give you options for various different block types, including hourly shaped curves.

Just Released:

Natural Gas Forecast

- Weather-Responsive
- Short & Long Term Forecasts
- Backcasts
- Revenue Forecasts

REC Module

- Forecast
- Backcast
- Position Report
- Retirement

Custom Load Profile Generator

Takes interval data, creates custom weather responsive profiles.

For more information about ESCOWare's full suite of software solutions and services, call **203-456-1833** or visit our website at:

www.escoware.com