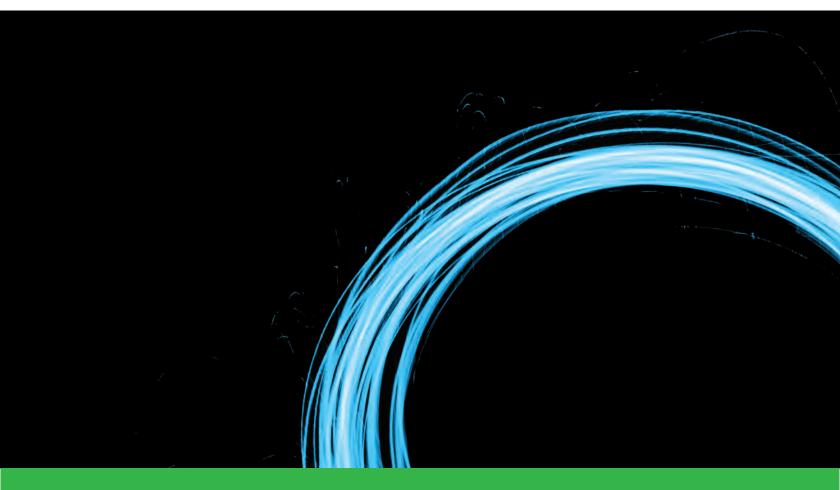


HELPING ENERGY EXECUTIVES TURN DATA INTO DOLLARS



SOFTWARE & SERVICES OVERVIEW

POWWR

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"We literally could not run our business as effectively and efficiently as we do without POWWR's suite of software."

> **Travis Andrews** Senior VP of Supply at Summer Energy

POWWR[™] [E] ELECTRIC RISK MANAGEMENT SOFTWARE



DATA TELLS A STORY. IS YOURS BEING TOLD IN HIGH DEFINITION? **Energy Analytics 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 perform all of these tasks EVERY DAY, before you even have the opportunity to visualize and interpret that information.

The POWWR™ E 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 quickly make critical business decisions.

The POWWR™ E Analytics and intelligence platform provides you with everything you need to effectively manage your business, increase margins, reduce risk and maximize profitability.

POWWR[™] E supports all utilities in all deregulated states. Whether you are a startup or a large established load serving entity, POWWR[™] E's modular platform allows customers to add functionality as required.



Easily collect, clean, crunch, visualize & export data daily



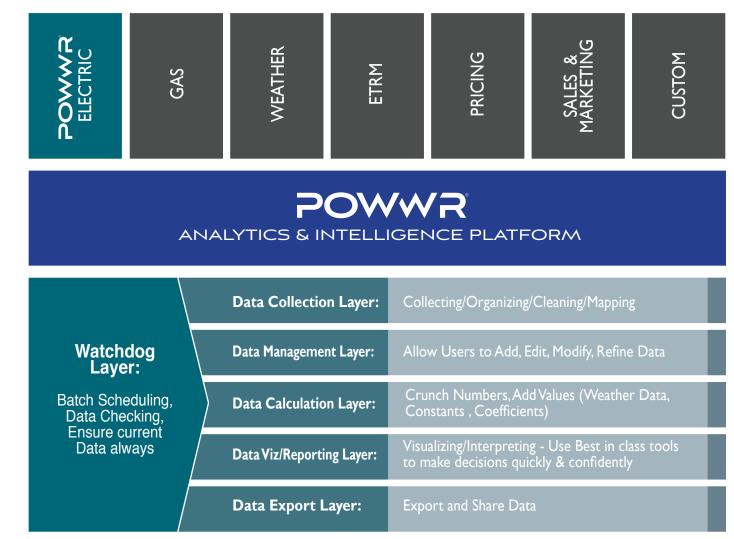
Confidently lock-in prices to reduce risk and maximize profitability

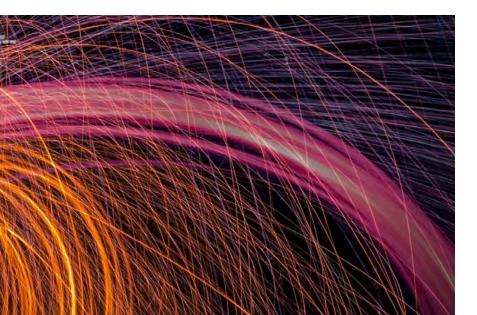


Powerful reporting tools for greater insights & more accurate decisions



THE POWWR™ E ANALYTICS AND INTELLIGENCE PLATFORM





POWWR [E] Electric Risk Management Software

Demand Forecasting 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. POWWR E 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 POWWR E helps to maintain financial covenants and collateral requirements with wholesale counter parties.

In addition, '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.

Having an accurate forecast is critical to the success of all load serving entities. If your forecast is off, you may be exposed to the real time market where prices can change rapidly, costing you tens of thousands of dollars per month.

Over 150 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!

Load forecasting requires accuracy in three critical areas.

1. MODEL ACCURACY

Whether you are interested in long term forecasting for hedging, or short term forecasting for scheduling, POWWR's algorithms will be spot-on.

Our self-learning model improves over time, providing you with pinpoint accuracy so that you can rest easy. Our back-cast reports use actual weather results so that you can evaluate our model error rapidly.

2. WEATHER ACCURACY

No matter how good your models are, your customer load will be greatly affected by weather.

The POWWR E includes multiple weather feeds, which are compared to one-another. This provides you with an opportunity to see and select which weather source suits your needs on a market by market basis.

3. DATA ACCURACY

Once you have your model accuracy and your weather sources dialed-in, the final component in the mix is Data. POWWR has built-in reports and error correction algorithms for commonly found data errors. Whether you have duplicate accounts, or missing load profiles, we can help you clean your data and keep it clean.







Scheduling: POWWR[™] E will automatically create your daily schedules. You can then review the schedule and if required, pad the schedule up or down on an hourly basis. Once you are satisfied with the schedule, POWWR[™] E will convert the schedule into the format required by each ISO.

Hedging: POWWR™ E 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.

Extreme Weather Analysis: Extreme weather events play a large role in the operation of your company. POWWR™ E 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: Utilizing both future start date and active contracts to determine total contractual load obligation, the POWWR E helps to maintain financial covenants and collateral requirements with wholesale counter parties. In addition, '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.

- 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



POWWR [G] GAS RISK MANAGEMENT



Features & Benefits:

- Adding extreme weather scenarios to the forecast
- The ability to pick the best performing weather forecasting vendor per utility
- Daily weather refresh with early morning updates to the load forecast
- Making timely and accurate financial decisions
- The ability to eliminate spreadsheets and manual entries
- Nightly processing inclusive of latest customer data and weather forecast

Balancing your utility and pipeline nominations is a

constant battle. Each day you are forced to react to changes to your daily delivery requirement (DDR). You've got tons of work to do...in so little time.

These challenges require an inordinate amount of manpower and additional costs. You are constantly reacting and adjusting. You can't seem to get in front of it. It's easy to make costly mistakes. Did we nominate too much or too little? Did we source our gas optimally? You're never quite sure... Until now.

We work with some of the best gas schedulers in the energy industry. Their decades of combined experience has shed much light into the development of a superior software system designed to alleviate the challenges associated with natural gas scheduling, position management, load forecasting and more.

Simply Upload Historical Hedges, Define Position Requirements, Enter Utility Information & See Critical Information in Multiple Views & Detailed Reports including:

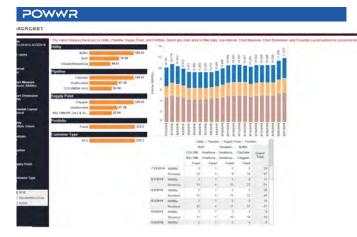
- Forecast Monthly Select
- Extreme Weather Obligation Forecast
- Back-cast
- Load vs Hedge
- Position Reports
- Missing Rate Reports
- Contract Expiration Reports
- Supply Detail Reports
- And much more.



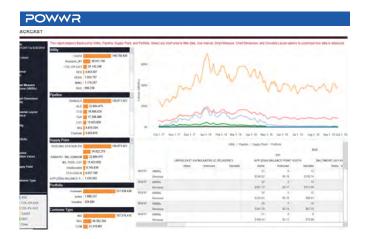
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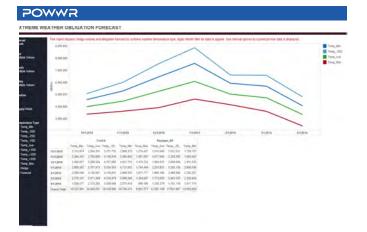
The Forecast Monthly Select report displays Obligation Forecast by Utility, Pipeline, Supply Point, and Portfolio. Apply Monthly filter for data to appear. Select any chart area to filter data. Use interval, Chart Measure, Chart Dimension, and Cross-tab Layout options to customize data.



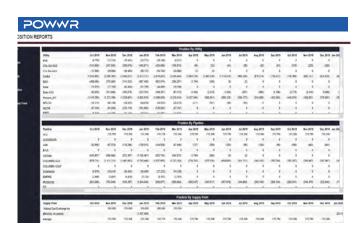
Additional view of the Back-cast report



The Back-cast report displays Back-cast by Utility, Pipeline, Supply Point, and Portfolio. Select any chart area to filter data. Use interval, Chart Measure, Chart Dimension, and Cross-tab Layout options to customize how data is displayed.



The Extreme Weather Obligation Forecast report displays hedge volume and obligation forecast by extreme weather temperature type. Apply month filter for data to appear. Use interval options to customize how data is displayed.



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Load vs Hedge Report: Apply monthly filter for data to appear. Use Interval, Method, and Forecast Type options to customize your reports.

Detailed position reports

ISO SETTLEMENTS



Reconcile Costs & Break Down Cost Components to Include in Profit & Loss Reporting

When it comes to ISO settlements, the entire process can be a manually labor intensive, error-prone, and time-consuming. Downloading ISO information and performing multiple calculations can cause you to scramble around trying to find the answers you need, instead of having all of this information at your fingertips.

After all, your company is counting on you to keep them in the black... Which means you're always in the hot-seat. You're tasked with making quick adjustments on buying and selling hedges with the greatest precision and least guess-work as possible. Get it wrong enough times, and the company profitability (and your job) may be at stake.

On top of this, you want to keep your customers happy with the best prices possible — without any huge or unexpected swings which could cause an increase of customer churn.

Errors in settlement charges and unexpected costs of energy are some of the biggest challenges for energy CFOs. Counter-parties and ISOs make mistakes in billing and clients need to know as soon as possible. You need to respond to ISO and sleeve deals quickly to rectify errors and adjust your pricing strategy to account for unexpected costs. After all, you don't want to pay for costs you're not responsible for.

Introducing POWWR ISO Settlements.

We've worked with Risk Managers and CFOs who have expressed similar challenges with regard to their ISO Settlements. And we've created the tools to help you go from the Risk Manager who scrambles to find all the answers — to the Risk Manager who knows all of the answers, to all of the questions, before they're even asked!

You're just a few steps away from putting your settlements challenges to rest.

The POWWR™E Settlements module generates a detailed view into the actual ISO charges allocated to an energy provider's account. The individual components make up the largest monthly cash flow expense for energy providers.

POWWR[™] E Settlements provides a current, granular view of the dailyweekly-monthly ISO clearing charges. It provides a dynamic platform to view expenses including bilateral trades with projected revenues, highlighting a retailers' overall position management. Most Providers do their settlements monthly. The problem with this approach is that it limits your ability to react to market changes and adjust your risk strategy and pricing during any given month. Additionally, you want to dispute errors in the ISO data as quickly as possible. Having a daily view to your settlements data is critical because it eliminates both issues and helps you to maximize your revenue.

The POWWR™ E Settlements package operates as a retailers' "cash register" and allows a Supply Manager and/or CFOs the ability to investigate the details surrounding any days' profit or loss.

Current reports include:

- Gross Margin Summary
- Invoice Actual
- ISO Monthly Invoice Voucher
- ISO Weekly invoice Voucher
- Settlements Daily
- Settlements Daily Outliers
- Settlements Daily Prices
- Settlements Summary

Additional reports can be created quickly.

Simply provide us with your ISO credentials Provide your hedge details (costs, etc.) We'll scrape all your relevant data from the ISO Then, we'll calculate and report all of your critical data on a DAILY basis.

Schedule a quick demo or call us today to discover how POWWR can help adjust your book tomorrow. With POWWRs ISO Settlements, you can now see more of what you've been missing.

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POWWR PRICE MATRIX

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Yesterday, You Were:

- Collecting and validating data from various places (ISOs/Utilities/ Wholesale Price Marks/Rec Price Marks/etc.)
- Pricing customers 1 by 1 with ridiculously tedious calculations
- Losing valuable time computing prices
- Losing potential customers to the competition

Today, You:

- Give POWWR your pricing parameters and e-mail address
- Wake up every morning with the ability to instantly price deals and close business.

Late, Inaccurate, Incomplete Pricing is Killing Your Sales Process... Time to Fix That!

It's 9AM, your sales people are clamoring for today's prices. They have quotes to deliver so that they can close sales before the competition gets there.

You offer electricity in multiple states and in multiple utilities within each state. In each of those utilities, you offer service to numerous customer types.

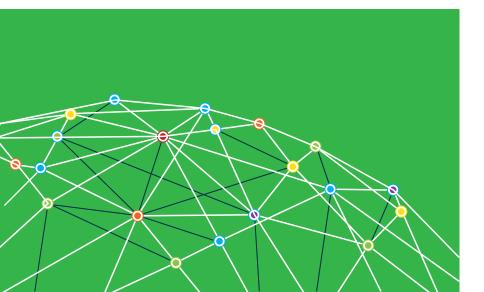
As quickly as possible, you start collecting the data you need from the ISOs, Utilities, Wholesale Price Marks, REC Price Marks, etc. Then, you need to start calculating your prices one-by-one. This can take hours.

You may need to calculate prices for hundreds of rate codes. The last thing you want to do is slow down your sales people from closing sales. Getting your quote to your prospects before your competitors can often be the difference between winning or losing a large opportunity. What can you do?

The POWWR Price Matrix is the answer. The POWWR Price Matrix does all the heavy lifting for you. Each morning, when you come in to work, the days prices are sitting in your in-box waiting for you.

No more going to various sites for data, no more calculating prices for hundreds of rate codes one at a time. All you need to do is review the pricing and send it off to your salespeople so they can close business.

The Price Matrix lets you sort by numerous fields including start date, ISO, state, utility, zone, rate class, rate code, and annual load so that you can easily format and send your sales people only the rates they need. The Price Matrix will display pricing for all rate codes and show you 1, 3, 6, 12, 18, 24, 30 and 36-month pricing.



Getting Started is Easy...

Simply Give Us: Product Premium, Wholesale Adder, Interest Rate, Target Margin, EDI Fee, *Option to Exclude Below the Line Costs, *Option to Include Financial Assurance Costs. While you sleep, POWWR Price Matrix Will: Retrieve and validate the published cost components as the base for the selling price, Make 1000's of calculations, Organize the prices into a single, easy to search Matrix file and deliver all this straight to you via e-mail or FTP.

PRICE MODEL

Are you incorporating all of your true costs into your pricing model?

We at POWWR are committed to helping you succeed in the Retail Energy Industry. One of the most important factors in the success of your business is the ability to Rapidly provide Consistent and Accurate pricing.

Our time-tested electric pricing model is based on the simple concept of knowing ALL your costs, and then adding in your desired margin. This ensures that every contract you sign will keep you in the money.

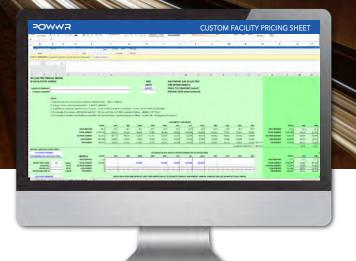
The POWWR Electric Pricing Model is easy to learn and simple to use. It enables you to create both rack-rate and custom fixed-price products on demand.

The model is distributed daily to designated client personnel and includes the prior business day's closing energy and capacity prices. We do all of the work to maintain the relevant data necessary to price your products accurately.

Improvement suggestions are welcomed and we will revise the price model according to client specifications as requested.

POWWR maintains your cost components including, but not limited to:

- Utility tariff information, including associations for ISO, zone(s),
- energy prices, capacity prices, ancillary service costs, network
- integration transmission services, and renewable energy certificates.
- Utility rate schedule table, including load profile associations, ICAP/



- UCAP/PLC, line loss rates and UFE, POR rates, consolidated billing
- charge, and TDU charges.
- Standard offer (default) service rates.
- ICE price marks, and other pricing service price marks.
- Basis marks for prices not tracked by ICE.
- Database of renewable energy certificate costs and compliance
- information.
- ISO cost data, including capacity, NITS, operating reserves, ARR/
- CRR credits and ancillary services.
- Single-retailer, bundled TDU charges (Texas-only); and Load profiles
- and load shaping premiums.

Optional Services

- Making volume estimates based on customer equipment information; in-house climatologist makes estimates of load when only engineering data is available.
- Performing special analysis of interval data for clients.
- RFP reviews and response assistance.
- Analysis of EDC procurement practices.
- Default service offerings and headroom.
- Custom full pricing desk services.

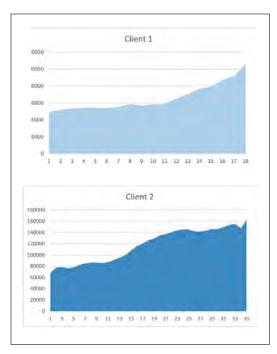
CUSTOMER RETENTION ANALYTICS





The chart above shows the growth and attrition curve over a 15 month period with an overall net gain just slightly higher than month one while month eight yielded a near 70% gain in customer base. But what if you could continue this curve through month 15 and beyond?

POWWR Clients have enjoyed steady growth over the long term of their portfolio. The following are prime examples of **steady growth up to 36 months!**



THE CHURN MONSTER: Coming to a friendly neighborhood near you.

For Energy Retailers, building and retaining your customer base is your companies number one priority. Yet most companies are not engaging and communicating enough with their customer base to truly understand when and why customers drop. This makes growing your business a difficult task as there are several challenges presented along the road to success.

Your Customers Are Leaving As Fast As They're Coming

Churn, attrition — whatever you choose to call it, for the vast majority of retailers, turnover is way too high and the cost of customer acquisition is going UP, not down. There's competition to get the attention of brokers. The prices of digital marketing campaigns are on the rise. There's a ton of noise in the sales and marketing landscape. There's simply tons of options, most of which prove to be quite expensive. In short, every time you look, the cost of an individual sale goes up.

You Feel Like You've Tried Everything

Most companies have tried, with various degrees of success, all kinds of acquisition models including door-to-door, website enrollments, call centers, direct mail and more. In most cases, the results are inconsistent at best and difficult to see what's working in the long term. Are you missing something? Why do some methods seem to work well initially, only to back-fire later with customer drops?

> To Receive a FREE Customer Retention Analytics Snapshot

> > CALL 475-444-8040

If you don't pay attention to customer retention, odds are you'll continue to ride the same old roller coaster that you've been on for years...

You Want To Build Raging Fans

If customers are leaving, they typically have a reason. Sometimes, it's a better rate. Other times, they're upset and feel like they've been slighted. The last thing you want is for your customers to feel as though you are the enemy. Let's face it, there have been a few bad apples out there that have spoiled the bunch... But your company can make a difference. Your company should be the one they stay loyal to... because you've taken the time to learn about them, what they're interests are, what they care about... and they've noticed

So, What Can You Do?

We believe the answers are hiding in plain sight. They're right there — hidden in your data. In many cases, there's a wealth of knowledge in the information that you already have access to. There are insights and several correlations that can be made which will allow you to finally connect the dots. In other words, there are hidden dollars in your data that you're not aware of. Once known, you can positively adjust your marketing strategies to reduce churn.

There are several things you can do, and we have a detailed plan on just how to do it — including:

Analyzing and Understanding the data you have using powerful reporting tools to highlight things like:

- Monthly Account Activity & Churn Rates of your overall portfolio
- Long-Term Retention Analysis by State & County
- Acquisition & Retention by Broker Channel
- View Retention and by Account Type and Usage by Utility
- View "Flyers & Keepers" Customer Profile and Demographic Dashboards with over 1,000 individual metrics to append your customer base.
- And much more including hundreds of customized reports tailored to your specific needs.

Engaging at Every Stage of your customer's journey with you. Once you've discovered more about your customer data, you can better understand and communicate with them to engage and build a stronger relationship.

Some of the important keys are to:

- Communicate more often. Don't just send out a welcome letter, then 6 months later a notice that their rates are going up.
- Target the right customers that match your highest retention rates using the reporting tools above.
- Have clear and "No-Nonsense" pricing... If you confuse, you lose.
- Align your offerings with customers' interests such as renewable offers.
- And at leas FIVE more "Must-Do" things we can share with you to retain more customers if you contact us below.



POWWR COMMISSION MANAGEMENT & BROKER PORTAL

The POWWR[™] Commission Management & Broker Portal module provides extensive Channel Management capabilities and is the ideal solution for Retail Suppliers. It provides you with all the tools needed to setup and manage virtually any type of sales channel or compensation structure, from call centers to door-to-door street teams, from the simplest affiliate broker program to the most sophisticated Network Marketing plans.

The POWWR[™] Commission Management & Broker Portal module is a sophisticated engine for defining each of your marketing channels and their associated compensation structures, in an easy to understand, step-by-step manner.

Channel Structure and Commissions: The POWWR[™] Commission Management & Broker Portal module provides you with a sophisticated engine for defining each of your marketing channels and their associated commission structures in an easy to understand, stepby-step manner including:

- Channel name
- Number of payment levels (Unlimited Levels)
- Amount and type of payment for each level (Dollars, Cents, Mils)
- Type of payments
 - One-time, upfront
 - Residual
 - Claw backs
 - Upfront Tiered Usage
 - Upfront Tiered Term

Commission Calculation, Management and

Reporting: As meter reads occur, commissions are calculated. Each commissionable account then appears in commission management area where each item can be reviewed for accuracy and accepted, denied or put on hold pending further investigation. Finally, once all commissions are approved, they are processed. Once processed, no further changes can be made. If changes are required, such as debits or credits, they must be done in the next month's commission run.

Reports for processed commission runs can be viewed at any time. The broker summary report lists each broker and shows their total commissions. Clicking on a specific broker will display that broker's individual detail report and list every commissionable item for that commission run.

Broker Creation: Brokers/Agents are entered into the system and given a signing agent ID. This ID is used to tag enrollments to a specific broker for commission purposes. It defines the channel and commission plan under which the broker will be paid. Brokers can only be entered in the system once, but brokers can have multiple signing agent IDs. This allows them to be paid under different commission plans.

Broker Portal: Helps keep overhead low by providing your Brokers/Agents with complete visibility to all their directly enrolled customers as well as their down-line agents and their customers. It provides broker with detailed commission statements, available programs and rates and the marketing materials and corporate documents they need to be self-sufficient and run their own business without having to constantly call your organization for support. This allows you to grow you broker channels without having to proportionately grow your support staff.

Dynamic Dashboard: When a broker logs into their portal, they are presented with a series of default graphs and charts providing them with a quick overview of their business. The broker has the ability to create additional graphs and charts as required.

Customers: The customer tab displays all of the customers that the broker has personally enrolled including customer name, address, phone number and status. The report can be sorted by any of the columns listed. Clicking on any customer will bring up detailed information including accounts enrolled, energy charges by service start and end date, billed amount, billed energy usage and rate.

Down-line Agents: Clicking on the broker tab will display a list of all the broker's down line agents, their status and their contact information. Clicking on any down-line agent will display that agent's customers and the customer's status. This allows the broker to effectively manage his or her down-line agents. For

example, if a broker sees that one of their down-line agent has customers who have dropped, the broker can contact that agent and have them try to win the customer back or at least determine the reason that they have dropped the service.

Commission Statements: The commission tab displays all previously run commission statements. Each commissionable account is listed and includes the commodity, energy usage, commission rate and type and amount of all commissions due the broker for that particular commission period.

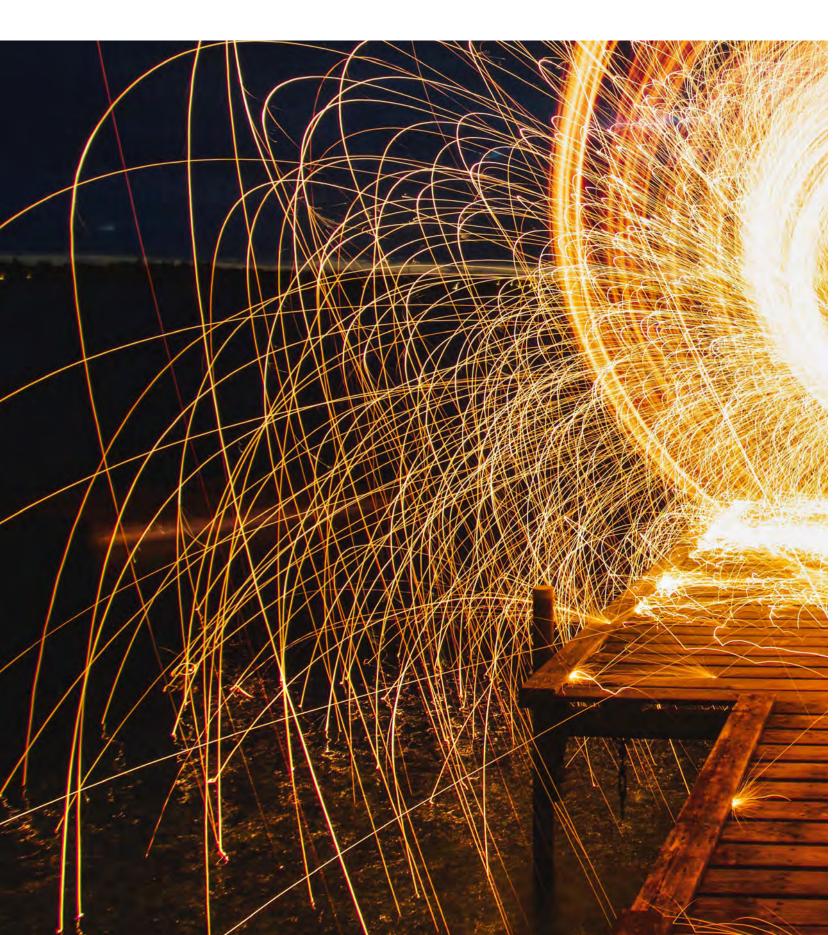
Digital Asset Library: The digital asset library is where you store materials that you would like to make available to your brokers. Any type of material can be stored here including marketing materials, corporate documents, LOA's enrollment forms, agreements, presentations, videos, etc. You can organize these documents by creating category cabinets and placing the appropriate materials into the correct cabinet.







POWWR CUSTOMER MNGMT & ENROLLMENT PORTAL



The POWWR[™] Customer Management & Enrollment Portal provides all of the functionality required to address the full "life-cycle" of your customers including: Enrollment; Third party verification; Management and approval of accounts; Contracts and products; Management oversight; Full reporting capabilities; The ability to assign and track followup items at multiple levels and complete integration with virtually all EDI providers.

Customer Management: Provides you with flexibility and a variety of options for enrolling customers safely and securely including direct website enrollment from your website using our API's or through batch enrollment via "flat-file" import and or "scraping" a file from a secure FTP site.

Contract Management: Now you can facilitate the assignment and management of customers, accounts and contracts of any type. Contracts can be segmented based upon various criteria. For fixed-price contracts, functionality such as renewals, roll-overs, reinstatements, and mass account assignments are fully automated.

Product Management: Offers complete flexibility in establishing and managing energy products, rates and plans. Products can be set up based upon plan type including fixed-price, variable, variable with a cap, indexed with adder, introductory or promotional rates, etc. In addition, a product can be created with multiple rates assigned to differing time frames. A product's availability can be assigned via zip codes and/or utilities or broker IDs. For example, you can set up a unique broker ID for a particular customer, category, marketing plan, or territory.

Management Approval: Provides you with a level of oversight and/or "checks and balances" for important everyday activities. Approval levels are hierarchical and are set up by the system administrator. Each hierarchical level (or Role) has its own set of rules governing what can be approved. These items can range from contracts to customer enrollments to commissions paid to brokers.

Website: The POWWR™ Customer Management & Enrollment Portal private label website template allows for all customer enrollment activities, from initial data entry with error checking to selection of product to completing the enrollment process with confirmation by either a TPV or electronic signature. If interfacing with an existing client website, a variety of application programmer interfaces (APIs) are available that can be used to replicate the functionality that the ESCOWare CRM™ private label website template automatically provides. **Contract Creation:** POWWR facilitates and supports third party verification (TPV) methods including live representative calling, IVR (digital recording) calls, or third-party digital signature capture. Once completed, POWWR stores the TPV recorded calls (whether IVR or Live) or the digital signature of the customer if that method was selected.

Customer Management: Provides all of the functionality required to address the full "life-cycle" of a customer. Product Management: Offers complete flexibility in establishing and managing energy products, rates, plans and their availability. Contract Management: Provides the ability to easily manage pricing, enroll fixed rate contracts, renewals and reinstatements. Document Management: Easily store, locate and attach any type of file from documents, TPV recordings, spreadsheets, etc.

Billing / CIS: Seamlessly integrates with any provider. TPV Integration: Facilitates the transfer of enrollment data and supports third party digital signature capture. Easy Implementation: That supports any enrollment process. Contract Audit & Approval: Provides the ability to review contracts prior to commitment reducing data entry errors and/ or misappropriation of accounts.

POWWR is a complete, web-based Customer Relationship Management system. It was specifically designed for the energy market. It acts as the interface between your billing system and your website and manages your customers, contracts and accounts. It includes a document management system and a ticketing system that helps you manage your employees and their tasks.



POWWR MANAGED SERVICES

Electric Portfolio Managed Service

Winter is around the corner and you have no clue how much or where you should be hedging your book? On top of that, you are wondering how to account for volumetric risk caused by Arctic Blasts? Should you hedge your fixed-price load only? What about your variable customer load?

Weather can change at a moments' notice and when it does, there are a lot of moving parts that may need to be quickly adjusted so that you stay in the money. Our experienced professionals within the Strategic Energy Services team can help guide you to the correct answers.

Not only will we give you our view of the upcoming climate (yes, we have a Climatologist on staff!) but we can provide you with an idea of what the load of your customer base will look like under numerous, extreme weather scenarios.

Your volumetric swing risk will be quantified and your end result will ultimately be a well-informed and strategic hedge decision.

As for the granularity of our portfolio management analyses, they are whatever you may need...monthly, monthly-strips, calendar-strips, etc. Don't hesitate in gaining an upper-hand on the upcoming season!



Natural Gas Nominations Managed Service

Unlike electric scheduling, Natural Gas Nominations is not done simply with the push of a button. It is at best a juggling act. There is a TON of information you need to know in order to really do it right and save your company money in the process.

For example, utility X requires that you source 30% of the Natural Gas from Pipeline A, and 50% from Pipeline B, and 20% from Pipeline C, except on a Tuesday when capacity on Pipeline B is cut in half due to some issue and the balance needs to be split between Pipelines C and D! And that is just for one utility during one season! And we haven't even talked about sourcing Natural Gas from storage (and all of their quirky requirements!) yet!

If this is not done correctly it could cost your company tens or even hundreds of thousands of dollars.

The solution? The POWWR[™] Natural Gas Nominations Managed Service.

Let us handle all of your Natural Gas nominations. WHY? We don't just Nominate....WE OPTIMIZE! Our team of experienced Natural Gas professionals have seen a lot in their 50+ collective years in the Natural Gas business They understand the utilities and their rules. They understand the pipelines and their constraints. They know how storage can fit into the mix. THEY KNOW! They work 365 days per year and are there whenever you need us.

Yes, Natural Gas nominations is a daily job. Weekends and holidays? We nominate! Relax and enjoy the weekends and holidays....leave your Natural Gas nominating to POWWR!



POWWR MANAGED SERVICES

Electric Scheduling Managed Services

Electricity scheduling at the click of a button. That's right. No more complicated spreadsheets with broken links. No more typos. No more guessing at what your load will be during the next Arctic Blast or heat wave. No need to recall which ISO schedules in integers and which ISO schedules in tenths. Let the POWWR team handle your electric scheduling needs.

Our scheduling team will use our state-of-the-art POWWR E platform to create a load forecast for each day, for each utility, for each zone. Our weatherresponsive algorithms will do most of the heavy lifting in ensuring that each customer is forecast accurately and the results are aggregated to the appropriate level for scheduling purposes. Not only that, all formatting will be correct THE FIRST TIME. With NO TYPOS! A timely schedule that is correct, done daily. Having load get settled in the Real-Time market is not where you typically want to be. Having load settled in the Real-Time market because an employee forgot to submit or was late in submitting your schedule is really where you don't want to be!

If you are an existing POWWR client, we likely already have all that we need to do your Electric Scheduling. We can begin tomorrow! If you are not a POWWR client, we can have you up-and-running in our system within a matter of weeks.

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PJM Auction Revenue Rights Submittal

Many suppliers are not aware of the FTR/ARR market and what it can provide.

The primary function of the FTR Market is the allocation of Auction Revenue Rights (ARRs) and the auction of Financial Transmission Rights (FTRs). ARRs/ FTRs get issued based on transmission capacity and as a means to provide a financial hedging mechanism to the Load Serving Entities and other Market Participants against congestion charges in the ISOs Day-Ahead Market.

Auction Revenue Rights (ARR)

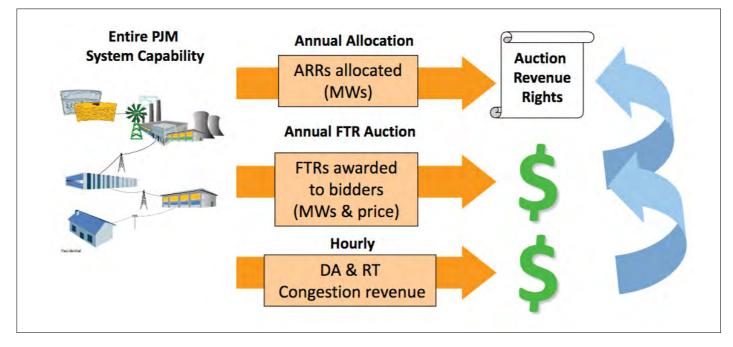
An Auction Revenue Right is a Market Participant's entitlement to a share of revenue generated in annual FTR auctions. A Market Participant's firm historical usage of the ISO's transmission system determines its share and depending upon the FTR auction clearing price of an ARR path, the share could result in revenue or a charge.

Financial Transmission Rights (FTR)

The annual (PJM) and Monthly (MISO) FTR auctions are conducted prior to the beginning of each planning year, and they are conducted in three rounds. Each round is comprised of multiple markets –peak and off-peak.

Basically, this is FREE money. If you do not participate in these auctions you may be leaving thousands or tens of thousands of dollars that are rightfully yours unclaimed. The POWWR Strategic Energy Services team will do all the heavy lifting for you, including the background pointto-point analyses and the auction submittals. Best of all, there are no up-front costs to you. We only get paid if you receive monthly refunds.

ARR/FTR Relationship: ARRs provide a revenue stream to the firm transmission customers, as a result of the FTR Auction, to hedge against congestion charges.



Source: PJM State & Member Training Dept.

https://pjm-eis.com/~/media/etools/ftr-center/ftr-module-oflmp-and-ftr-course.ashx





WINNER of the 2017 Marcum TechTop 40 CTs Fastest Growing Company in Software

"We literally could not run our business as effectively and efficiently as we do without POWWR's suite of software."

> **Travis Andrews** Senior VP of Supply at Summer Energy

What makes POWWR stand out from the rest?



MICHAEL PARRELLA, CEO

At POWWR, we've seen what works and what doesn't. We've worked with some of the largest companies in the energy industury. Many of our team members either owned or operated their own energy companies before starting POWWR. So we understand the challenges associated with your business. Together, we help energy executives turn data into dollars by providing the right tools and services that solve their greatest challenges. In

short, our team of energy experts works on energy data all day, every day. That's just what we do.

To find out if we can help guide you through your greatest energy challenges, contact us today!

CALL 475-444-8040

POWWR.COM

GAS RISK MANAGEMENT

- LOAD FORECASTING
- POSITION REPORTING
- OPERATIONS
- PRICING MATRIX/MODELS
- IMBALANCE REPORTING

ELECTRIC RISK MANAGEMENT

- LOAD FORECASTING
- REC MANAGEMENT
- POSITION MANAGEMENT
- PRICING
- ADVANCED FINANCIAL REPORTING

DATA INTEGRITY PLATFORM

- ISO SETTLEMENTS
- DATA ANOMALY DETECTION
- CHURN AND RETENTION
 ANALYSIS
- RAW DATA