



Power 8.1

Comprehensive Support for the Entire Power Life-cycle

Risk Management
Commodities Trading
Physical Logistics
Regulatory Compliance

Power market participants such as utilities, generators, power marketing traders, municipalities, cooperatives and retail companies are facing increasing demand from their customers, regulators and shareholders to efficiently manage assets to the lowest cost and to manage logistics and operations with low risk and improved profitability. The need for an integrated solution to completely manage the power life-cycle, from capturing physical, financial, transmission and capacity trades, planning, forecasting, scheduling, tagging, settlement and actualization, is critical to the success of any power market participant.

Product Overview

The Allegro Power component brings the flexibility and functionality that helps market participants effectively manage their power business, from trade capture to confirmation, with the ability to support the required parameters for virtually any electric power product including energy, transmission capacity and ancillary services. The component supports the European Transmission auction process, British market Electricity Forward Agreement (EFA) contracts, load shapes, counterparty checkout, eTag, actualization, pool balancing, repeat tagging, direct and indirect bookouts. Additionally, Allegro Power handles hourly and subhourly scheduling, pathing, full position support beyond trade positions (generation, consumption), and a full spectrum of position quantity status (trade, forecast, plan, tag, loss, schedule, actual). The component also offers users full support for multiple currencies and the ability to schedule across time zones for global trading activity. With configurable views of power scheduling data, users are able to rapidly sort or filter to isolate the key information they require, which enhances ease of use, improves productivity and enables management of risk in real-time.

Features	Benefits
Creation of customized price index curves with multiple time period options and regions and the ability to download pricing data from external sources	<ul style="list-style-type: none"> • Quick and flexible process to create curves or to download the pricing index curves as reported by independent vendors or ISOs • Real-time visibility into pricing moves to make quick decisions • Simple process to create sophisticated, complex pricing formulas to provide multiple trade pricing options
Scheduling process that allows modifications in real-time to manage pool-type or network, point-to-point, acquisition and release of transmission, market or supply cuts, direct and indirect bookouts, multiple user-defined intervals.	<ul style="list-style-type: none"> • Schedulers can easily view transactions in real-time • Flexibility to create user-defined power products, such as energy, capacity, ancillaries, as well as trading blocks, including off the shelf support for EFA blocks and the various trading exchange blocks from ICE and EEX, among others • Simple and single view for hourly schedulers that eliminates the need to switch between the scheduling view and the trade execution view to capture real-time trades
Ability to capture financial trades, including options, as well as physical commodity and/or load-shaped trades, transmission and capacity, supports trade process including confirmation, fees and broker details, data for regulatory compliance reporting such as FERC EQR.	<ul style="list-style-type: none"> • Enables traders and marketing staff to quickly and easily capture trades with power-unique fields eliminating double entry to efficiently support middle and back office functions • Ability to manage position in real-time showing full spectrum of position quantity status such as trade, forecast, plan, tag, loss, schedule, actual
Ability to integrate with other Allegro components, including Emissions, FERC EQR Reporting, Retail Power, Price Connect, NETA Connect, NERC Connect, Hedge, etc.	<ul style="list-style-type: none"> • Ease of integration with other components to manage additional power transactions with a simple process

Supports capture, value and settlement of power rate trades

- Power trades can be captured, valued and settled in terms of their rate of generating power (measured in MW) or in terms of the energy produced (MWh). Allegro recognizes the differences between these units and can convert from one to the other as necessary.

Business Case

Allegro enables trade capture, for multiple trade types from basic to sophisticated type of trades, which can then be followed seamlessly to scheduling, tagging and settlement. Schedulers can take advantage of the “path-optimization” functionality to plan the most efficient transmission path across multiple control areas and capacity contracts. Users can also track and match positions with the added ability to perform real-time trades, as needed, to balance a position. Load shapes can be utilized to capture forecast quantities at defined increments and the component supports automatic creation, submission and cancellation of scheduling notifications and nominations to market operators.

As part of the settlement process, the Allegro Power component supports the automatic creation and confirmation of trades. Next, users can automatically load and capture actual quantities, or do so manually, if they prefer. Allegro has the flexibility to define and execute market-specific balancing rules eliminating the need to manually manage the various rules. The component’s reporting capabilities allow users to take advantage of the best available data across user-defined criteria. With drill down capabilities to view positions at any specified level of detail, users can easily create their own ad-hoc reports, eliminating costly custom coding or development. In order to complete and verify the cycle of each power transaction, users can review final, comprehensive reports.

Component View

The screenshot displays the Allegro Power software interface. It features a standard Windows-style menu bar (File, Edit, View, Tools, Database, Calculations, Power Scheduling) and a toolbar with various icons for file operations and data management. The main window is filled with a large, multi-column data table. The columns include identifiers like 'Trade ID', 'Quantity', 'Start', and 'End', followed by numerous columns representing time intervals (e.g., 2010-01-01, 2010-01-02, etc.). The data is color-coded in rows, and there are several summary rows at the bottom of the table.

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Allegro Power: A sophisticated solution designed with simplicity and flexibility in mind

Allegro[®]

Allegro is a global leader in commodity trading and risk management solutions for power and gas utilities, refiners, producers, commodity traders, and commodity consumers. With more than 26 years of deep industry expertise, our enterprise platform drives profitability and efficiency across front, middle, and back offices, while managing the complex logistics associated with physical commodities. Allegro provides customers with agile solutions to manage risk across gas, power, coal, crude, petroleum, agricultural, emissions, and other commodity markets, allowing decision makers to hedge and execute with confidence. Allegro has recently been recognized as the Energy Risk Software House of the Year and received The Energy Business Awards Gold Award for Excellence. Headquartered in Dallas, Texas, Allegro has offices in Calgary, Houston, London, Singapore and Zurich, along with a global network of partners.