

DATASIGNALS API

Real-Time Power Market Data Built for Automation and Integration

API FEATURES

- Automated access to real-time and historical power market data
- Low-latency API feeds with continuous updates
- Integration with Excel, Python, and other common tools
- Robust documentation and a library of code samples
- Data validated through automated and human QA processes

Power is perhaps the world's most complex and data-rich commodity market. Collecting, storing, and making sense of the tremendous volumes of data available is extremely challenging, but absolutely necessary in order to optimize decision making, profitability, and operational efficiencies. Whether you're optimizing trading strategies, forecasting market trends, or integrating real-time insights into your operations, having reliable, accessible, and structured data is essential.

Yes Energy offers comprehensive, analytics-ready data to drive all power market use cases and reduce or even eliminate your need for costly and complex data collection processes.

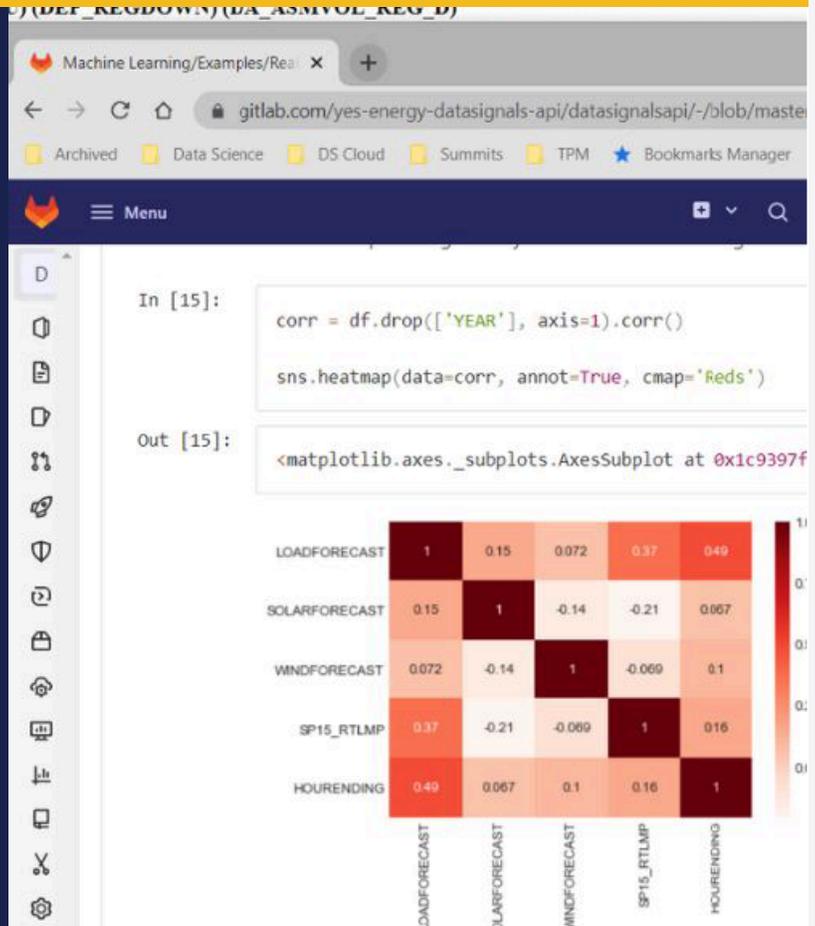
DataSignals® API delivers Yes Energy's enriched, low latency data via an easy to use REST API that is designed for automation, reporting, and system integrations.

DataSignals API is ideal for organizations that need reliable access to data to support automated processes, system integrations, or operational decision-making.

DATA INSIGHTS THAT POWER YOUR BUSINESS

API BENEFITS

- Seamlessly integrate market data into your systems and workflows
- Make faster, data-driven decisions with near real-time insights
- Accelerate setup and implementation with developer-friendly resources
- Trust in reliable, accurate data for forecasting, monitoring, and operations
- Reduce risk with consistent, quality-checked data delivery



ABOUT YES ENERGY®

Yes Energy is how traders, power companies, and asset managers and developers can finally make sense of the complex, rapidly changing power market.

Supported by best-in-industry customer support, you get up-to-date data, comprehensive tools, and a specialized partner to help you make the right decisions every day.

It's time to Win the Day Ahead™ and only Yes Energy brings you the unique combination of better data, better delivery, and better direction you need to do that.



Say yes to a free demo!

Contact Us

DATASIGNALS CLOUD

Analytics-Ready Power Market Data Built for Big Data Workflows

DS CLOUD FEATURES

- Continuously updated, structured power market data
- Direct access to Yes Energy's complete data warehouse in Snowflake
- No data transfers, replication, or storage overhead
- Built on rigorously tested infrastructure with full data governance and vintaging
- Interoperable with your existing cloud stack, BI tools, and analytics platforms

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DataSignals® Cloud delivers Yes Energy's complete data warehouse via the Snowflake Data Cloud which offers the approachable look and feel of a relational database and the power of nearly infinitely scalable cloud computing, without the need for costly data transfer, replication, or storage.

DataSignals Cloud is ideal for organizations that want to scale advanced analytics, AI / ML, and modeling without spending resources on data wrangling.

DATA INSIGHTS THAT POWER YOUR BUSINESS

DS CLOUD BENEFITS

- **Analytics-ready data:** No prep, transformation, or pipeline engineering required
- **Eliminate the time and cost of collecting and cleaning data**
- **Start generating reports, building models, and running forecasts immediately**
- **Simplify data operations with direct access—no duplication or extra storage needed**
- **Trust in secure, governed, and easily integrated data delivery**

```
152 from ts_forecast
153 where datatypeid = 1036
154 -- and objectid = 10000328798
155 and datetime > current_date() - 90
156 order by datetime desc;
157
158 select *
159 from ts_forecast_history
160 where historyid = 13995219827;
161
162 select *
163 from yesdata.load_zones lz
164 inner join yesdata.dart_loads dl
165 on lz.objectid = dl.objectid
166 where lz.iso = 'ERCOT';
167
```

Objects Query Results Chart

Sample DSC SQL - MARKETDATA DB



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**DATASIGNALS LAKE**

Pipeline-Ready Bulk Access to Historical Power Market Data

DS LAKE FEATURES

- Unlimited access to historical, analytics-ready market data
- No usage caps or consumption fees for high-volume use cases
- Pipeline-optimized delivery via Amazon S3 in standardized, gzipped CSV format
- Data structured for scalability across databases, models, and custom applications
- Full documentation, metadata catalogs, and GitHub-hosted code samples
- Rigorously validated data flow with comprehensive QA processes

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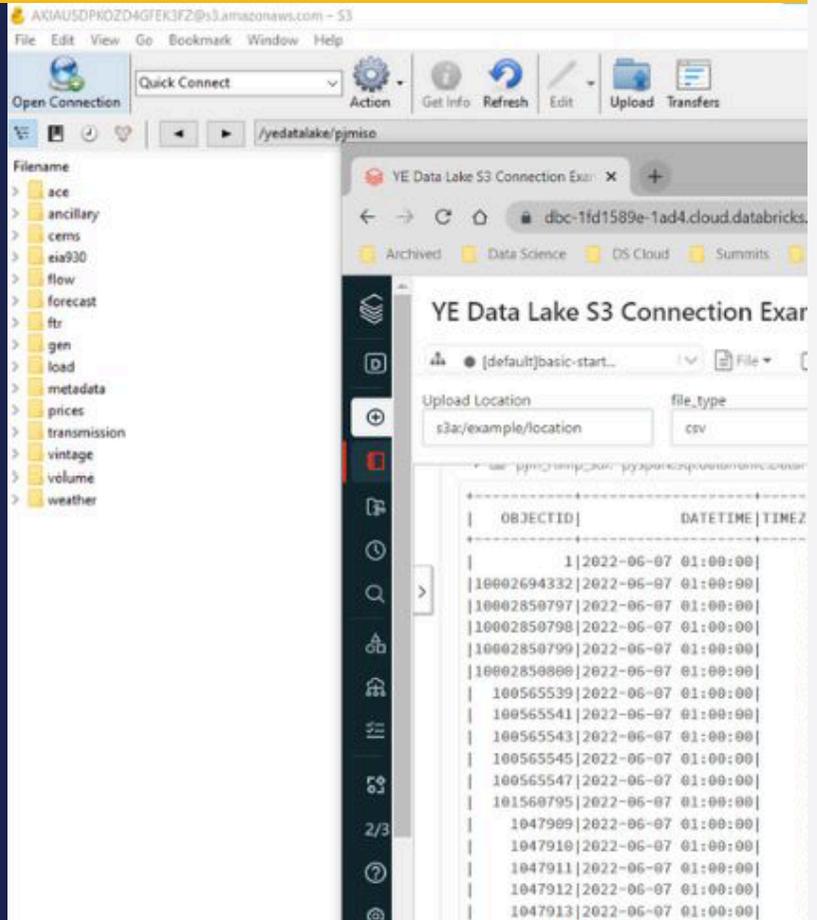
DataSignals® Lake delivers Yes Energy's normalized data via Amazon S3 to easily populate your own preferred data frameworks, databases, and platforms.

DataSignals Lake is ideal for organizations that manage their own data infrastructure and need bulk historical power market data to populate databases, data lakes, or data pipelines.

DATA INSIGHTS THAT POWER YOUR BUSINESS

DS LAKE BENEFITS

- Leverage Yes Energy's complete data warehouse for modeling, backtesting, and long-term storage
- Seamlessly ingest data into your existing infrastructure—on-prem or in the cloud
- Effortlessly populate internal platforms and advanced analytics tools with normalized data
- Scale downstream processes confidently with structured, reliable datasets
- Accelerate deployment and reduce development time with robust documentation and validated data delivery



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