

# DataSignals® API

## UNLOCKING BIG DATA INSIGHTS ON THE DATA TRANSFORMATION JOURNEY

In the power industry, increasing volumes of data become available to nodal market participants each day. Securing and deriving insight from this data can be challenging but is necessary to improve operational efficiency, decision making, and profitability.

DataSignals® API delivers powerful, insightful, actionable data to power nodal market participants. DataSignals is an easy to use REST API, fantastic for reporting and robust enough for system integrators.

Use the API across all of your tools, including Excel and data science applications such as R and Python. Access the same content that lives in Yes Energy® power analytic tools [PowerSignals®](#), [QuickSignals®](#), and [Position Management™](#).

Gain actionable insight to power your business using Yes Energy's robust, comprehensive, engineered, and secure data products. Whether you are just learning to navigate markets, are a data science whiz, a small trading shop, or a large utility, we have a solution for you and your data needs.

# DATA INSIGHTS THAT POWER YOUR BUSINESS



## Product Features

- Easily feed Yes Energy's market data into your spreadsheets and automated, in-house tools
- Extensive library of example endpoints make it simple to get started
- Similar data structure to [PowerSignals](#), [QuickSignals](#), and [Position Management](#) solutions
- "Export to API" buttons in Yes Energy's user interface solutions makes your transition to data products seamless

## What Customers Say

*"Initially, we did attempt to collect the ISO data ourselves. I concluded that because of the changing needs of our customers, the dynamically evolving power markets and complex data sets within the power markets, we would be better served by partnering with a company that specializes in ISO source data... Both we and our customers benefit from their reliability, accuracy, timeliness, and ongoing maintenance of ISO pricing data."*

*~ Reza Haidari • Director, Power, Gas, Coal, Carbon • Refinitiv*

## 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!

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# DataSignals® Cloud

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In the power industry, increasing volumes of data become available to nodal market participants each day. Securing and deriving insight from this data can be challenging but is necessary to improve operational efficiency, decision making, and profitability.

**DataSignals®** Cloud delivers powerful, insightful, actionable data to power nodal market participants. DataSignals Cloud is the Yes Energy® data warehouse available in the cloud. Leveraging Snowflake's technology, it has the look and feel of a relational database and is powered by elastic and scalable cloud computing. DataSignals Cloud provides ultimate accessibility via web browser, database tools or analytics platforms such as Python, R, Tableau, Excel, and PowerBI.

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# DATA INSIGHTS THAT POWER YOUR BUSINESS



## Product Features

- Access Yes Energy's entire warehouse of real-time, model-ready data with no query or compute limits
- Leverages Snowflake's technology to give quick access to our data store (Snowflake is a cloud computing-based data warehouse built specifically for the cloud)
- Snowflake features include Snowpark, Snowflake Marketplace, data loading and unloading, connectors to other platforms, separation of storage and compute and more

## What Customers Say

*"Using the DataSignals Cloud product has allowed us to focus more on strategic-natured projects rather than trying to develop and support many of the data collections that they do better at scale than we would otherwise."*

*~ Justin Simpson*

*Chief Information Officer • Solea Energy*

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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.



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# DataSignals® Lake

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In the power industry, increasing volumes of data become available to nodal market participants each day. Securing and deriving insight from this data can be challenging but is necessary to improve operational efficiency, decision making, and profitability.

**DataSignals®** Lake delivers powerful, insightful, actionable data to power nodal market participants. DataSignals Lake offers the ultimate flexibility and scalability to power your data needs by enabling your data experts to work with Yes Energy® data in the tools and frameworks they prefer.

This solution is ideal for businesses who already have established analytic, storage, or security processes, allowing users to download, import, and pipeline raw data files into existing networks, storage systems, and applications.

Gain actionable insight to run your business using Yes Energy's robust, comprehensive, engineered, and secure data products. Whether you are just learning to navigate markets, are a data science whiz, a small trading shop, or a large utility, we have a solution for you and your data needs.

# DATA INSIGHTS THAT POWER YOUR BUSINESS



## Product Features

- Big Data with NO usage limits or additional costs
- Access to all of Yes Energy's extensive nodal power market data
- Easily integrate and pipeline Yes Energy's data into your existing warehouse and storage solutions
- Hosted on Amazon S3 as gzipped compressed csv files

## What Customers Say

*"We made the choice early on to go with Yes Energy so we didn't have to develop all the data infrastructure...Yes Energy is unique, in their people and in their dedication to providing the data for us. We don't really have to think about it and we're glad that we've got the Yes Energy team working, so we can focus on our side of the business."*

*~ Stephen Bliley  
Product Manager • Habitat Energy*

## About Yes Energy®

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OBJECT ID	DATETIME	TIMEZONE
10002694332	2022-06-07 01:00:00	EDT 66.200
10002850797	2022-06-07 01:00:00	EDT 65.445
10002850798	2022-06-07 01:00:00	EDT 66.321
10002850799	2022-06-07 01:00:00	EDT 67.132
10002850800	2022-06-07 01:00:00	EDT 64.766
100565539	2022-06-07 01:00:00	EDT 66.432
100565541	2022-06-07 01:00:00	EDT 65
100565543	2022-06-07 01:00:00	EDT 64
100565545	2022-06-07 01:00:00	EDT 64
100565547	2022-06-07 01:00:00	EDT 64
101568795	2022-06-07 01:00:00	EDT 63
1047909	2022-06-07 01:00:00	EDT 65
1047910	2022-06-07 01:00:00	EDT 64
1047911	2022-06-07 01:00:00	EDT 64
1047912	2022-06-07 01:00:00	EDT 63

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