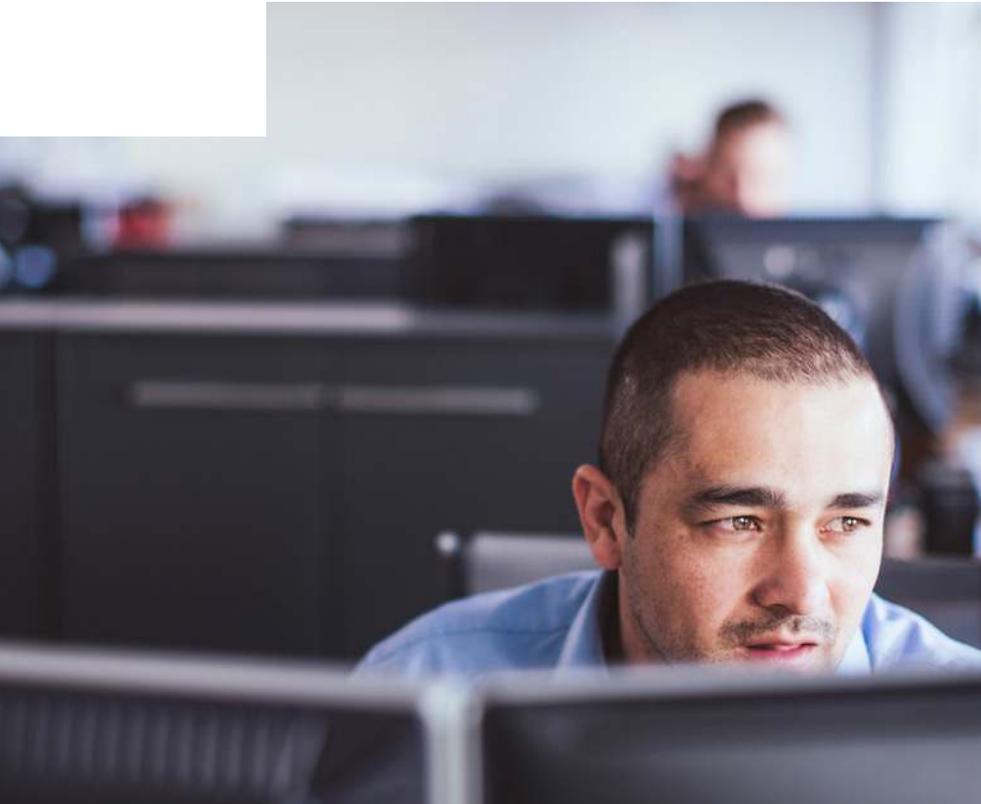




# A Risk Analyst's Guide to Managing Curves with Technology

Author: Ben Golden

 **ENVERUS**



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## Introduction

In today's world, we are using data more frequently to influence our decisions and thought processes. With 2.5 quintillion bytes of data created each day, we are constantly looking for ways to manage this vast quantity of information. Many companies are now looking to technology to control the massive amount of data we receive every day to make decisions.

Forward curves are a crucial element of energy trading, supporting the buying and selling of energy commodities, as well as providing input to risk assessments, investment decisions, and trade evaluation strategies.

The complexity of calculating forward curves depends on the risk analyst. While some are formed by layers and layers of formulas, others are as simple as  $A + B$ .

Enverus' Curves as a Service (CaaS) software tool, CurveBuilder, is used by risk analysts to analyze future market direction and understand emerging trends. The solution is a fully managed service that automates the collection of input data, client's business logic, runs curve calculations, and distributes the curves to the desired system in real time. This gives clients a transparent audit trail ensuring compliance requirements are met, and detailed quality checks are run.

## Benefits of using curves creation and management tool

Using a solid solution to manage forward curves solves many problems risk analysts face; from ensuring the data is compliant to accessing results 24/7, technology can become the best-placed partner to help you achieve your goals. Here's how CurveBuilder can help you:

- Real-time, intra-day, and end-of-day curves to run P&L, VAR, ETRM/CTRM
- Quickly create new curves using the curve creation wizard
- Complete audit trail detailing how the curves were created, along with time stamping and storing of each correction made
- Quality assurance and automated collection of market data that will be used in the curve calculation
- Transparency into the client's proprietary data used for each curve
- Full metadata for data missing due to holidays
- Prompt, complex curve calculation set-up and execution
- Single source of truth for forward curves, ensuring everyone on the team is looking at the same version of a curve whether they work in front, middle, or back office
- Lowest total cost of ownership
- Reduce business risk
- Largest global team to support and build curves

## What problems does the Enverus solution solve for you?

When you are handling a large quantity of data, it is important to maintain a standard for collecting and processing the data. Many companies hold unique configurations of data and numerous internal systems to manage their data. When introducing the system to others, this becomes laborious with vast amounts of instructions on how to use the complex systems. As a result, many companies are looking for technology solutions to handle the data, as well as the process system to predict the curves. Enverus has a superior curve building solution for you.



## Manual Curve Creation

Out-of-date results

Time consuming

Single curve

Single point of failure

Limited support

vs

## Enverus Curve Management Tool

**Results always up-to-date**

**Real-time results**

**Simple single or multi-level complex curve**

**Automated results**

**Access to experienced team around the globe**



## Is your forward curve management strategy meeting your needs today?

We have created a **6-point checklist** for you to use to answer this question.

- 1.** Do you have a complete curve audit trail?
- 2.** Is your curve management process compliant?
- 3.** Does your team, and anyone else who needs access to curves, know how to view and access the data?
- 4.** Does your management strategy provide you with multi-level curves to match fluctuating markets?
- 5.** Do you have around-the-clock support?
- 6.** Does your curve management strategy provide you with real-time data?

Enverus has 10 years of experience supporting clients with curve creation and management. Clients can leverage MarketView CurveBuilder for their real-time curve management process, or take advantage of our experienced Managed Services team for management of curve calculations, validations, and much more.

Contact **Ben Golden on [ben.golden@enverus.com](mailto:ben.golden@enverus.com) to take control of your curve management strategy.** Our team will provide you with more information and give you a demo of our latest software.

For more information visit **[www.enverus.com](http://www.enverus.com)**

