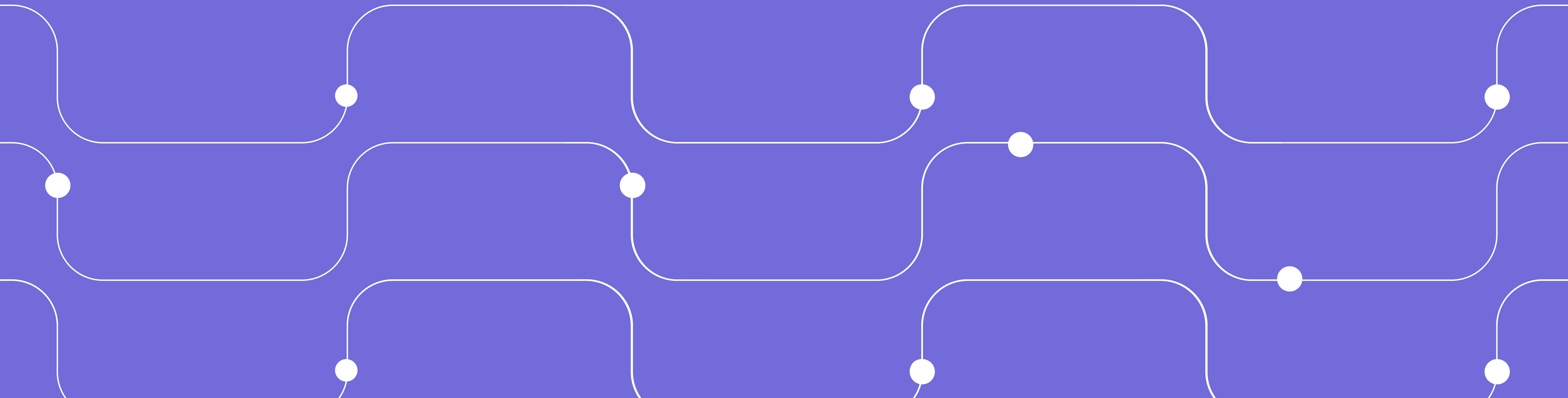


Hodson Energy: Enhancing project qualification clarity and efficiency



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01 *The Client*

Hodson Energy is a leading utility-scale renewable energy project developer with a focus on solar and storage projects in PJM, NYISO and MISO.

Since its founding in 2019, Hodson Energy has built an approximate **3 GW pipeline of greenfield solar and energy storage projects in strategic markets, including Virginia, Ohio and Indiana**. Harnessing its expertise, cutting-edge technology and strategic land acquisition capabilities, Hodson Energy consistently identifies and executes renewable energy projects with precision and efficiency.

Shazim Chhapra, our interviewee, is **Chief Strategy Officer at Hodson Energy**, with extensive experience in all aspects of the solar project development value chain. He is a business leader with over 20 years of experience in renewable energy project development, corporate strategy and operations, and technology investing.



“What sets Hodson Energy apart from other renewable project developers is our strong origination and land game. We have millions of acres in our pipeline, so we needed a way to quickly narrow down the most viable opportunities and eliminate the acreage that is a waste of time.”

Shazim Chhapra
Chief Strategy and Commercial Officer



02 Challenges

Information fragmentation

With half of their workforce stationed outside of the U.S., **Hodson Energy grappled with collaboration across various time zones, necessitating early morning and late evening calls to facilitate coordination.** Moreover, internal silos within the company posed additional challenges, hindering collaboration and information sharing, ultimately impeding fast execution.

Quick land assessment

In the day-to-day, the team faced the routine task of assessing and qualifying nearly seven million acres of land to identify project opportunities, a resource-intensive endeavor for the team. Reliance on external consultants for initial project analysis is sometimes required, which **adds to project costs and significantly hampers** the speed in evaluating projects.



Holson Energy Success Story

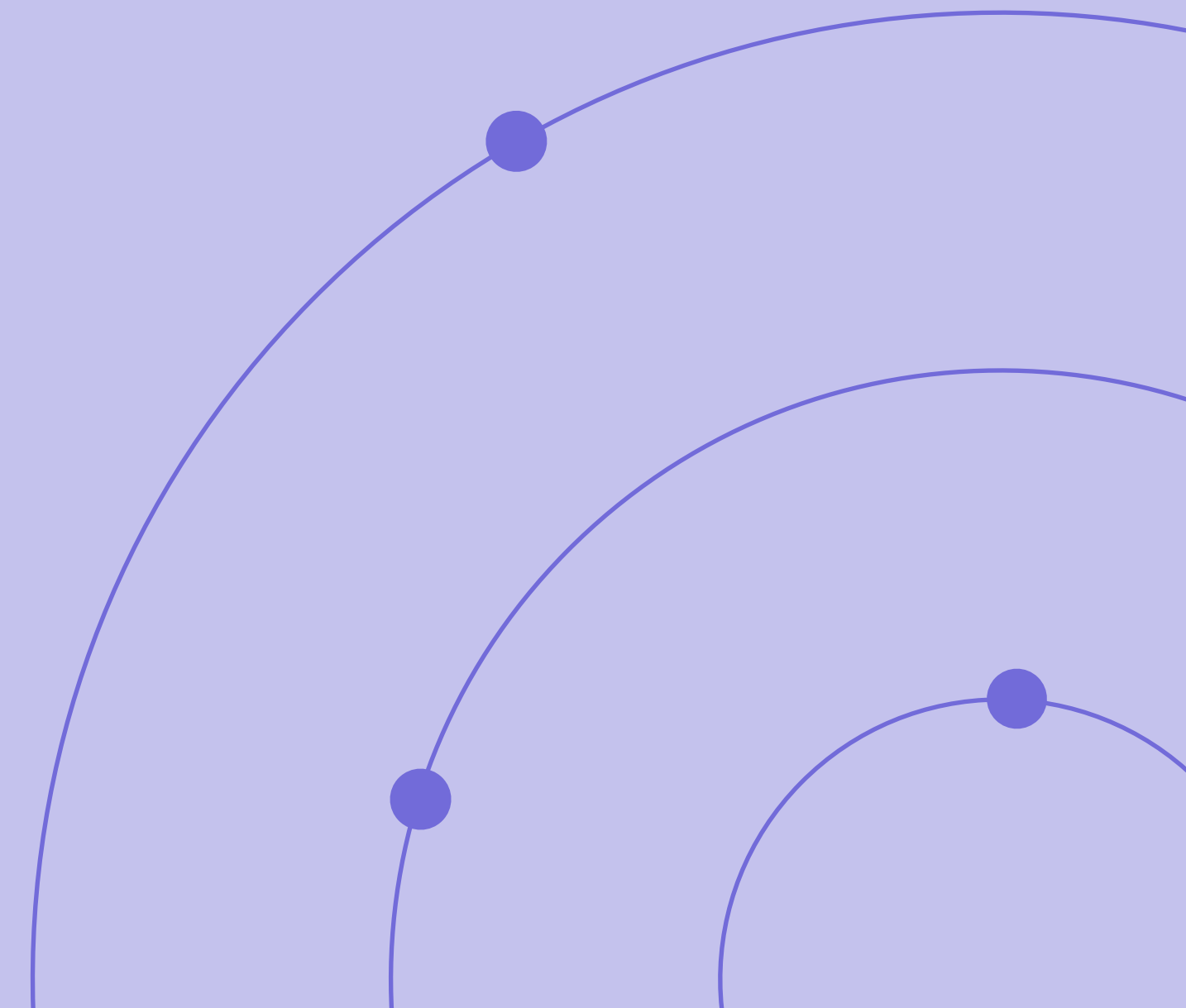
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Optimizing PV designs

Furthermore, to achieve the most efficient design, the Hodson Energy team spends a significant amount of resources designing multiple design iterations.

These iterations involved adjusting various factors such as equipment selection, infrastructure layout, grid connection, electrical configuration and other pertinent elements to find the optimal PV design.



03 *Why RatedPower?*

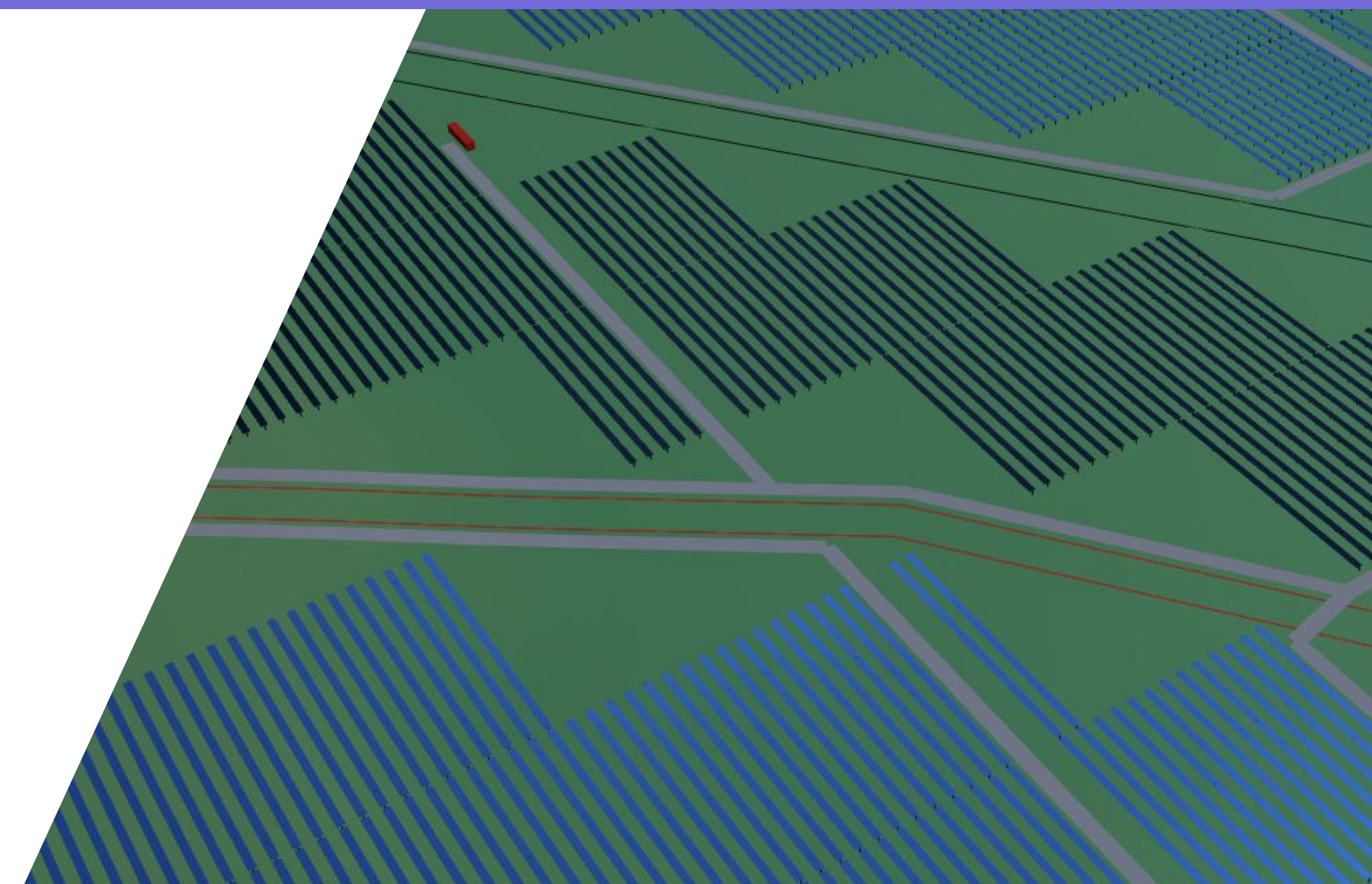
Prism and RatedPower's Integrated Solutions

After conducting a thorough evaluation of various data and analytics solution providers to assist in power siting and designing workflows, Hodson Energy opted for Enverus P&R PRISM® Developer Suite and RatedPower solutions. **The P&R PRISM Developer Suite offered graphical views and workbook features that could be shared across the organization.**

The workbooks were set up by the Enverus team and tailored to align with Hodson Energy's solar planning and qualification workflow and provided both a granular view for each workstream and high-level dashboards, **facilitating a quick and comprehensive understanding across the organization.**

“With PRISM, we are able to filter out the opportunity set faster and with more confidence to gain a holistic view of viable projects. We decided to pull the trigger on PRISM because project developers have different ways of working and the platform molds itself to us with the workbook capability instead of the other way around.”

Shazim Chhapra
Chief Strategy and Commercial Officer





Alongside its graphical views and workbook features, the P&R PRISM Developer Suite provided comprehensive land analytics and parcel datasets. **These resources proved instrumental for Hodson Energy in qualifying their extensive land holdings,** allowing them to pinpoint areas of focus and prioritize prime acreage for development.

By leveraging these tools, **the team could streamline their land assessment process,** minimizing time spent and the need or scope for expensive external consulting services.

Utilizing RatedPower, **the Hodson team automated their design iterations, significantly reducing design time and resources.** Within minutes, the team could generate PV design layout and equipment configurations given a list of criteria and location. **The software's flexibility allowed for quick adjustments and modifications, empowering the team to explore various design options.** Additionally, RatedPower facilitated the creation of bill of materials and CAD drawings, simplifying communication with external vendors.

04 Results

PRISM and RatedPower has enabled Hodson Energy to **streamline their approach to project analysis, enhancing efficiency, speed and confidence in qualifying projects.** With PRISM, senior leadership gained instant access to an integrated view of project dimensions and their impact on viability, empowering stakeholders across different workstreams to make collaborative decisions. **This resulted in increased confidence and a comprehensive perspective on project analysis.**

Moreover, **PRISM's custom filter capabilities on land has enabled Hodson Energy to prioritize the project opportunities that are the most promising,** saving significant time and resources previously spent on less ideal projects. Tasks once outsourced to external consultants are now efficiently managed in-house, further enhancing operational efficiency and speed.



RatedPower has enabled the Hodson Energy team to automate their PV design and engineering documentation process, leading to a **time savings of 15-20%** and increased design iteration capacity for refining PV layouts. Within minutes, a **PV layout can be generated where in the past it may have taken weeks to create.**

Ultimately, the combined PRISM and RatedPower solution has helped Hodson Energy streamline project siting workflows, fostering organizational clarity and efficiency, and ultimately driving project success.

“PRISM not only helps us prioritize the markets we want to pursue, but it also gives us intelligence on specific regions and counties where we can best deploy our capital projects and weed out the ones that waste valuable time. My team is loving the support from Enverus, and we think the PRISM product is great.”

Shazim Chhapra
Chief Strategy and Commercial Officer



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