

# Utility-scale PV & BESS design software

Enverus solution to site, design,  
engineer, and optimize utility-scale  
solar and BESS projects.

# About RatedPower

RatedPower is Enverus's **solar and BESS engineering platform**. Developers, IPPs, EPCists, investors, and manufacturers across 160+ countries use it to run the full project lifecycle — from site prospection and feasibility through detailed PV and BESS design. It cuts study time from 4 weeks to 4 minutes and LCOE by over 5%.



Customers include **Eni, Shell, AES, and Jinko**. The platform serves 5,800+ solar professionals globally and is SOC 2 Type 2 certified.

In September 2022, Enverus — the energy ecosystem's most trusted technology partner — acquired RatedPower as part of its Power & Renewables growth strategy. **RatedPower is now directly integrated with Enverus PRISM®**, connecting analyst-reviewed renewables market data with automated PV and BESS engineering in one workflow.

# Our Story

In 2017, Miguel Ángel Torrero, Juan Romero, and Andrea Barber **founded RatedPower to fix a problem** they'd experienced directly: designing a solar plant the traditional way took a full team, multiple tools, and weeks of work — and still left better options on the table.

Traditional methods for scoping and designing utility-scale PV plants required significant manual effort, were unique to each project, and gave teams no good way to compare configurations quickly. The Madrid team set out to automate what didn't need to be manual — **site prospection, feasibility, layout generation, energy yield modeling, BESS calculations, substation design, and documentation** — all in one cloud platform.

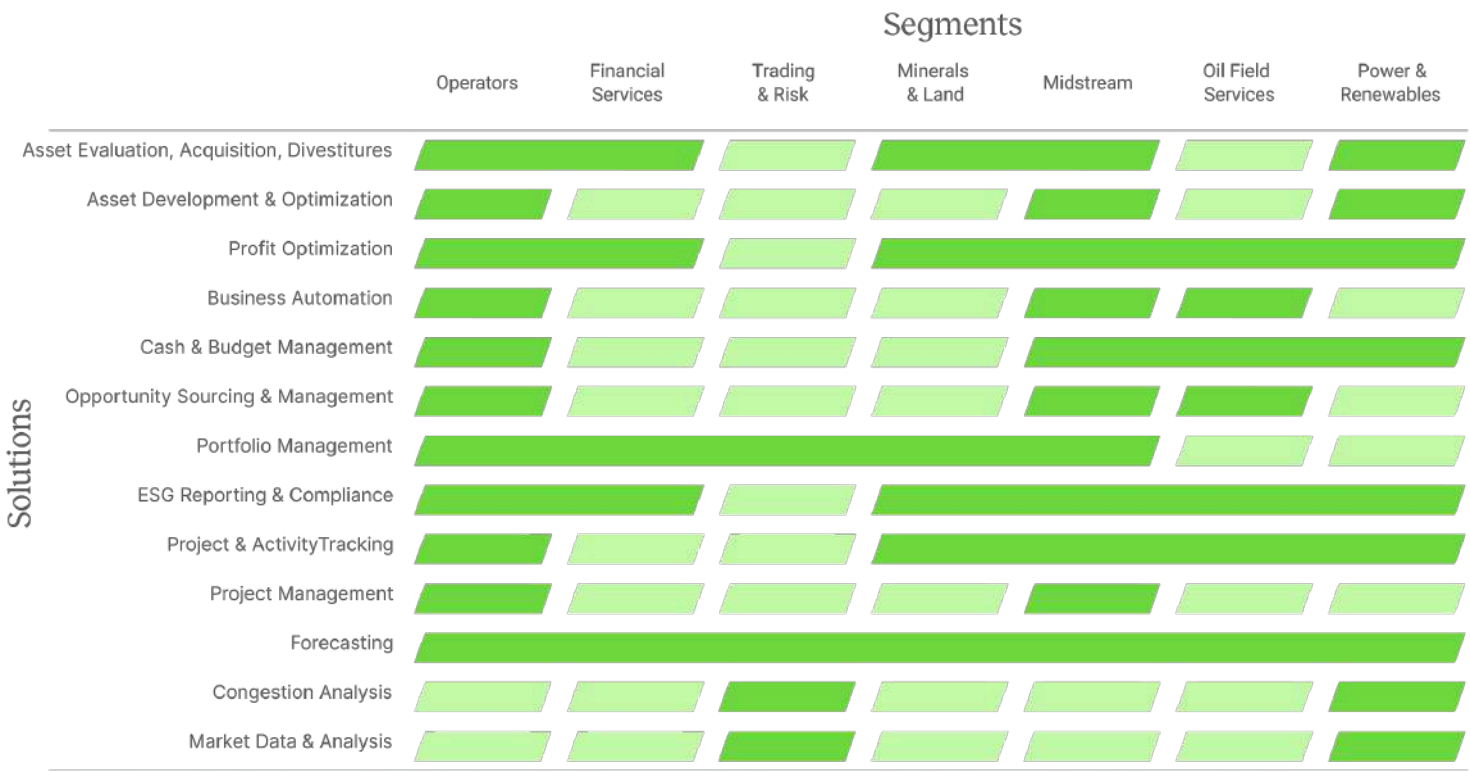
RatedPower is now the leading software for planning, designing, and engineering utility-scale PV and BESS plants across all project phases.

Since joining Enverus in 2022, **the platform has expanded beyond solar design** to connect users with the broader Enverus energy ecosystem.



# Smart energy flow

RatedPower joined Enverus in 2022. Together, we cover more of the solar project lifecycle than either platform did independently – **from site screening and market data through detailed PV and BESS design, interconnection, and documentation.**



Source: [Enverus](#)

RatedPower clients already use the platform to hybridize with storage, prospect sites, estimate energy yield, design substations and transmission lines, and generate complete technical documentation. **The Enverus integration adds market intelligence, financial analysis, and grid data** to that workflow – so decisions at every phase are backed by real data, not estimates.

# Our mission

Billions of people still lack reliable access to energy. That shapes everything: health, education, economic opportunity, and the pace at which future generations can build better lives. Expanding clean energy capacity is one of the most direct ways to change that, and solar is one of the fastest tools available to do it.

But solar projects don't build themselves. Every week lost in feasibility, every design that isn't optimized, every project that stalls for lack of engineering capacity. That's real capacity that doesn't get built. RatedPower exists to remove those obstacles. **By automating the full PV and BESS engineering workflow** —from site prospection through detailed design and documentation— **we help developers and EPCists build more projects, faster, with less risk.**

As part of Enverus, that work connects directly to a larger mission: powering the global quality of life. More solar capacity, engineered and built at speed, means more people with reliable energy. That's what we're here for.

+5,800 users

Trusted by more  
than 5,800 users worldwide

+64K

projects designed

+5.1 TW

simulated

+13M

estimated households energy supplied

+18M

estimated tons of CO<sub>2</sub> mitigated



# Meet our leaders



Manuj Nikhanj

CEO at Enverus | [Linkedin](#)

Since joining Enverus in 2019 with the acquisition of RS Energy Group, **Manuj Nikhanj has been vital in shaping the company's strategy and driving its growth.** In 2023, Nikhanj's vision helped Enverus surpass \$500 million in annual recurring revenue.

He has **more than 20 years of experience in energy** and has completed hundreds of evaluations of public and private producers, plays and assets, **establishing himself as a trusted advisor to multiple company boards and executive teams.**

Prior to Enverus, Nikhanj was an **original partner and co-CEO of RS Energy Group** and its predecessor companies, which he helped build from a start-up into the leading provider of energy software, analytics, and insights for corporate and institutional customers.



Bernadette Johnson

General Manager and Head of Power & Renewables at Enverus | [Linkedin](#)

Bernadette joined Enverus in 2016 through the acquisition of products and services from Ponderosa Advisors, where she was a founding partner. Throughout her career in energy, **Bernadette has earned the reputation of industry expert providing fundamentals analysis and advisory services** to various players in the North American and global energy markets.

After starting as VP of Strategic Analytics at Enverus, Bernadette served as SVP and Head of Power & Renewables. **In 2022, Bernadette was promoted to GM of Power & Renewables**, where she continues to lead our Power & Renewables division.

# Our product

*“A utility-scale PV or BESS plant used to take weeks to design. RatedPower does it in minutes — with more configurations compared, lower LCOE, and full technical documentation ready to export. ”*

Scoping a utility-scale solar plant the old way meant weeks of manual work: defining topography, meteorology, and equipment; building formulas and algorithms from scratch; producing drawings and reports unique to each project. Most teams relied on multiple disconnected tools and still couldn't run enough scenarios to find the best design.

RatedPower automates every phase of that process. Run site prospection, feasibility studies, layout optimization, 3D energy yield modeling, BESS integration, substation design, and interconnection — then export 400+ pages of editable technical documentation, all from one platform.



### Double your portfolio.

Run more projects through to NTP with faster feasibility and better design data.

### Efficient workflows

Build 160x more layouts per year compared to traditional methods, lower LCOE by 5%, and increase profitability by 20%

### Intuitive comparative tool

Compare projects in minutes and choose the ones that best suit your needs.

### Protected and secured

Securing your business data is at the core of what we do. Our cybersecurity program follows international best practices, such as CSA STAR program, WASP ASVS or AICPA SOC 2 to ensure your peace of mind.

### Collaboration in the cloud

Unlimited users, any location, one subscription. No installs, no version conflicts.

### Integrated project development

Go beyond streamlining your designs by hybridizing your plant with BESS, customizing your project's OHL and ST, and more.

### Complete documentation

Gear up with +400 editable technical documentation.



# Our brand

Our brand identity reflects our strengths and values and accurately communicates what we do:  
creating the future of energy at the speed of light.

## Logo

Primary

Lockup

Isotype

## Colors

BRAND  
000

BRAND  
200

BRAND  
400

BRAND  
600

SECONDARY A  
000

SECONDARY A  
200

SECONDARY A  
400

SECONDARY A  
600

SECONDARY B  
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SECONDARY B  
200

SECONDARY B  
400

SECONDARY B  
600

BASE  
000

BASE  
200

BASE  
400

BASE  
600

BASE  
1000

SECONDARY C  
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SECONDARY C  
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SECONDARY C  
400

SECONDARY C  
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SECONDARY D  
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SECONDARY D  
200

SECONDARY D  
400

SECONDARY D  
600

# Contact us

Don't hesitate to contact us for additional information or any questions you may have: [press@ratedpower.com](mailto:press@ratedpower.com)

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