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21 May 2024

8:00 am – 9:00 am | PST, Los Angeles  
11:00 am – 12:00 pm | EST, New York City  
5:00 pm -6:00 pm | CEST, Berlin

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# Automation for site prospecting, design & engineering of utility- scale solar PV plants



**Anne Fischer**  
Senior Editor  
pv magazine USA




**Emma Saavedra**  
Principal Consultant  
Enverus



**Jim Schumacker**  
Technical Advisor  
Enverus



# Welcome!

**Do you have any questions?**  

Send them in via the Q&A tab.  We aim to answer as many as we can today!

You can also let us know of any tech problems there.

**We are recording this webinar today.** 

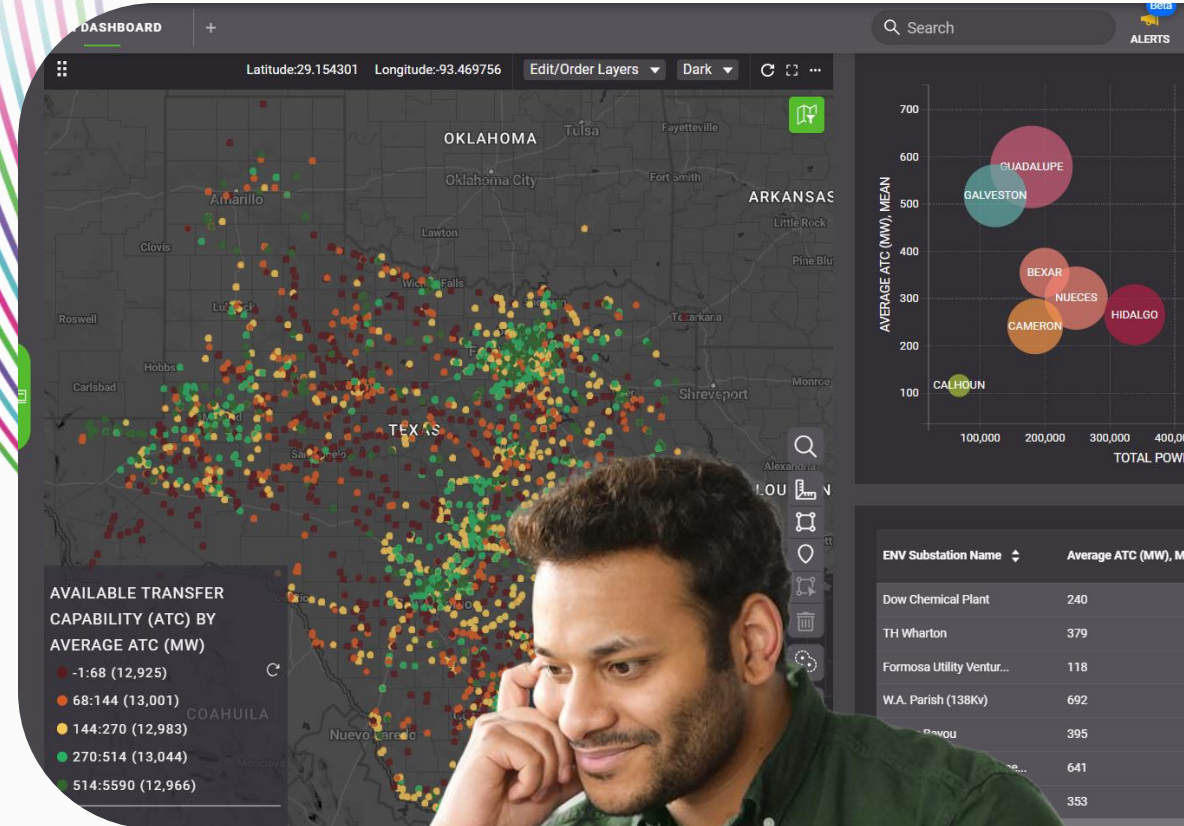
We'll let you know by email where to find it and the slide deck, so you can re-watch it at your convenience.  



# Automation for site prospecting

## Design & engineering of utility-scale solar PV plants

May 2024



# Presenters



**Jim Schumacker**

Technical Advisor  
Power and Renewables



**Emma Saavedra**

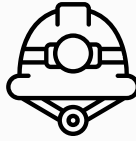
Principal Consultant  
Power and Renewables

# Challenges in Power and Renewables



## Power Storage

Industrial-scale storage is key to maintaining grid reliability



## Changing Workforce

Changes in energy mix will impact workers and communities differently



## Dynamic Grid

Transitioning energy mix and weather dependence make a more complicated grid



## Growing Data

Developing and dynamic power and renewable markets are inundated with data



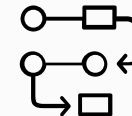
## Infrastructure Cost

Redundant, aging and early abandonment of infrastructure are costly



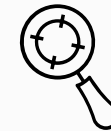
## Project Financing

Investors want the economics behind the projects and projections



## New Workflows

Faster and more accurate workflows are needed to meet stakeholder demands

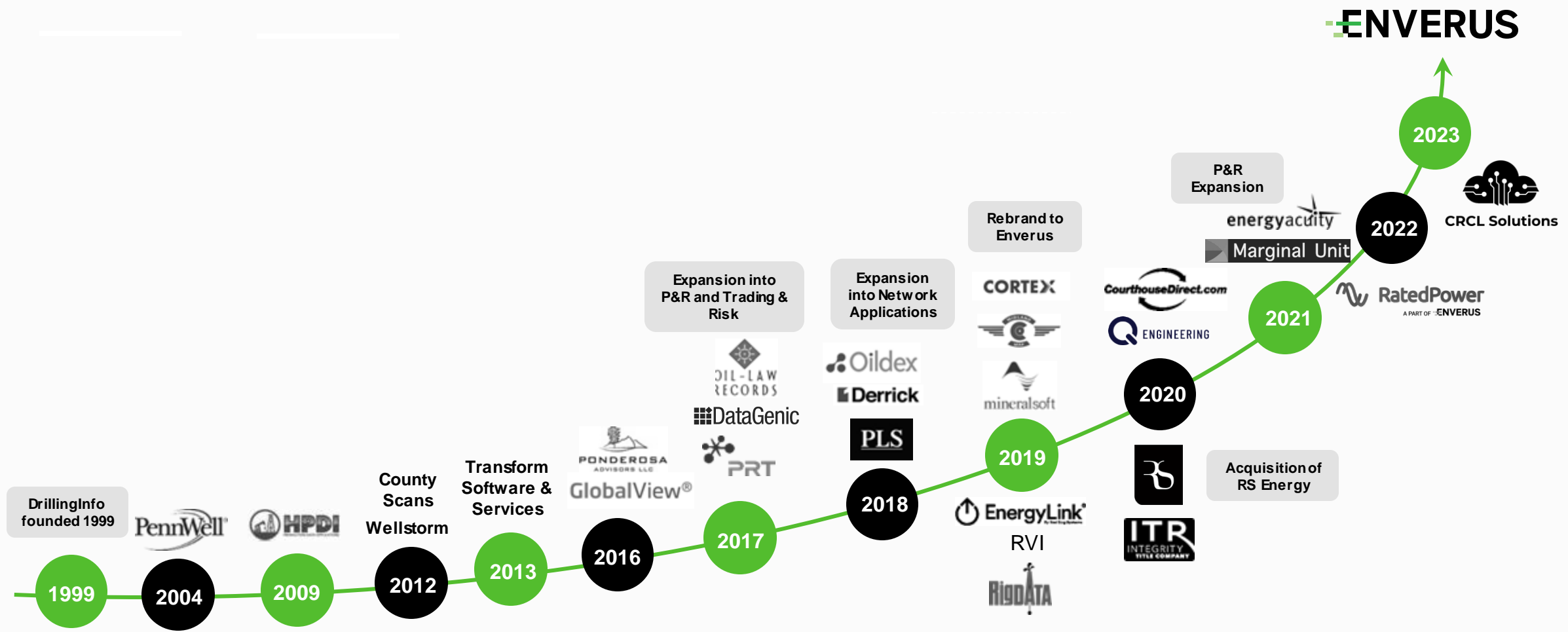


## Energy Transparency

Understand the impact to primary energy sources as the energy mix evolves towards renewables

# The SaaS Platform for the Energy Sector

Over Two Decades of Innovation to Build the Leading Technology Solutions in Energy



# Optimize Any Part of the Renewable Assets Lifecycle

## MAKE BETTER, FASTER DECISIONS

Actionable insights and forecasts in minutes

## MAXIMIZE RETURNS

Reduce costs and realize more profitable trades

## REDUCE RISK

Get visibility into the dynamic energy and power markets



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## Q&A



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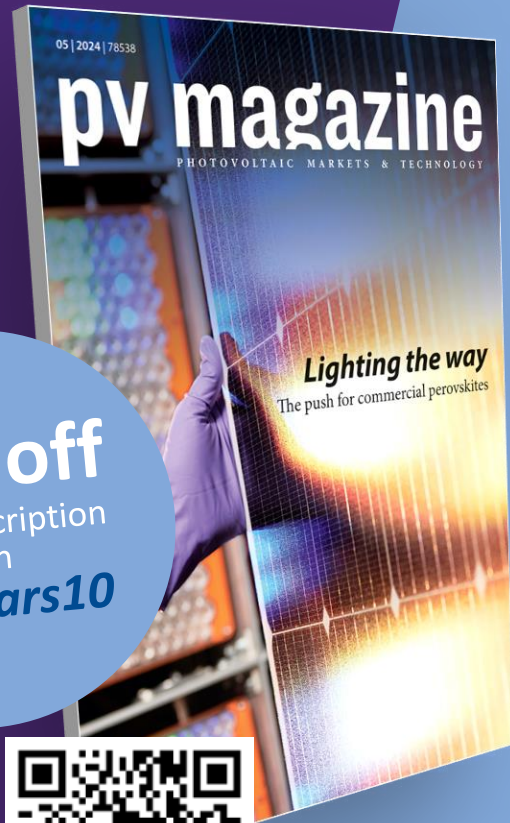
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by Randy French



**Most-read online!**

# Coming up next...

## Wednesday, 22 May 2024

10:00 am – 11:00 am EDT, New York City  
4:00 pm – 5:00 pm CET, Berlin

## Thursday, 23 May 2024

2:00 pm – 3:00 pm BST, London  
3:00 pm – 4:00 pm CEST, Berlin

Many more to come!

**Development toolbox  
– from site selection to  
design of large-scale  
PV plant projects**

**Raising the bar on  
battery energy storage  
safety**

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**Thank you for  
joining today!**