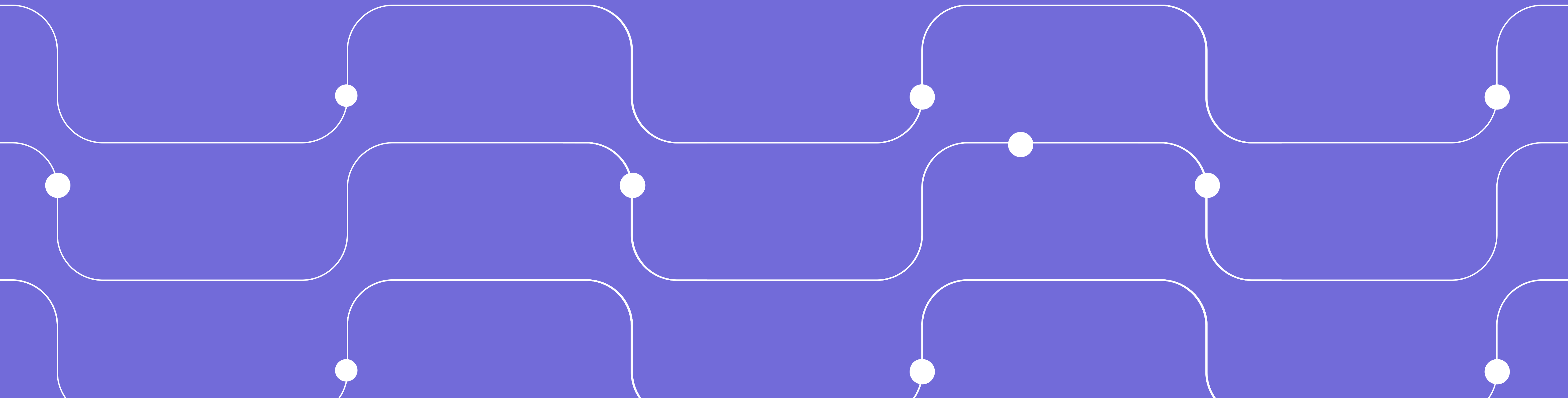


The next-generation solar software: what Iberdrola has to say about RatedPower



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01 *The Client*

Iberdrola develops, builds, and operates solar farms all over the globe.

In Australia, the company is currently looking to expand their 800MW portfolio of owned and contracted solar and wind energy as well as storage capacity, and RatedPower is helping them in doing so. **Iberdrola Australia is leading Australia's transition to a clean energy future** providing customers with clean, reliable and competitively priced energy solutions.

The renewable energy they generate in the country comes from solar projects such as Port Augusta and its owned wind farms in New South Wales (NSW), South Australia (SA) and Western Australia (WA). **They also source renewable energy from third party renewable projects** under its 'Capital Lite' strategy.

It has been great seeing RatedPower grow and gain support from big tech companies and many industries. RatedPower is a solution that keeps evolving and we have seen features that we needed implemented in the software impressively quickly”.

Thomas Gerstch
Head of Iberdrola's engineering team



Thomas Gerstch, our interviewee, is the Head of the Iberdrola photovoltaic engineering team, therefore an expert on solar farm design and construction. And, luckily for us, he has known RatedPower since its beginnings. This means he has seen **specs of the software since it was created and has provided very useful feedback.**

In this sense, Thomas has a clear point of view of design software and **he believes that RatedPower is the next-generation solar software.**



02 The Challenge

An enterprise-grade company such as Iberdrola, needs to be at the top of their efficiency capacity to supply their hundreds of customers. In the words of Thomas, **prior to RatedPower, running different scenarios and configurations was a time-consuming exercise.** It was making the designing process a very laborious and time-consuming task.

Thomas' team used a mix of different tools such as AutoCAD, spreadsheets and PVsyst, but he has voiced out how **their team's efficiency has increased since using RatedPower.** This adopted software combines all these functionalities in just one tool. Processes that used to take more than one day to complete, are now done in just a couple of hours, which is a great optimization of time.

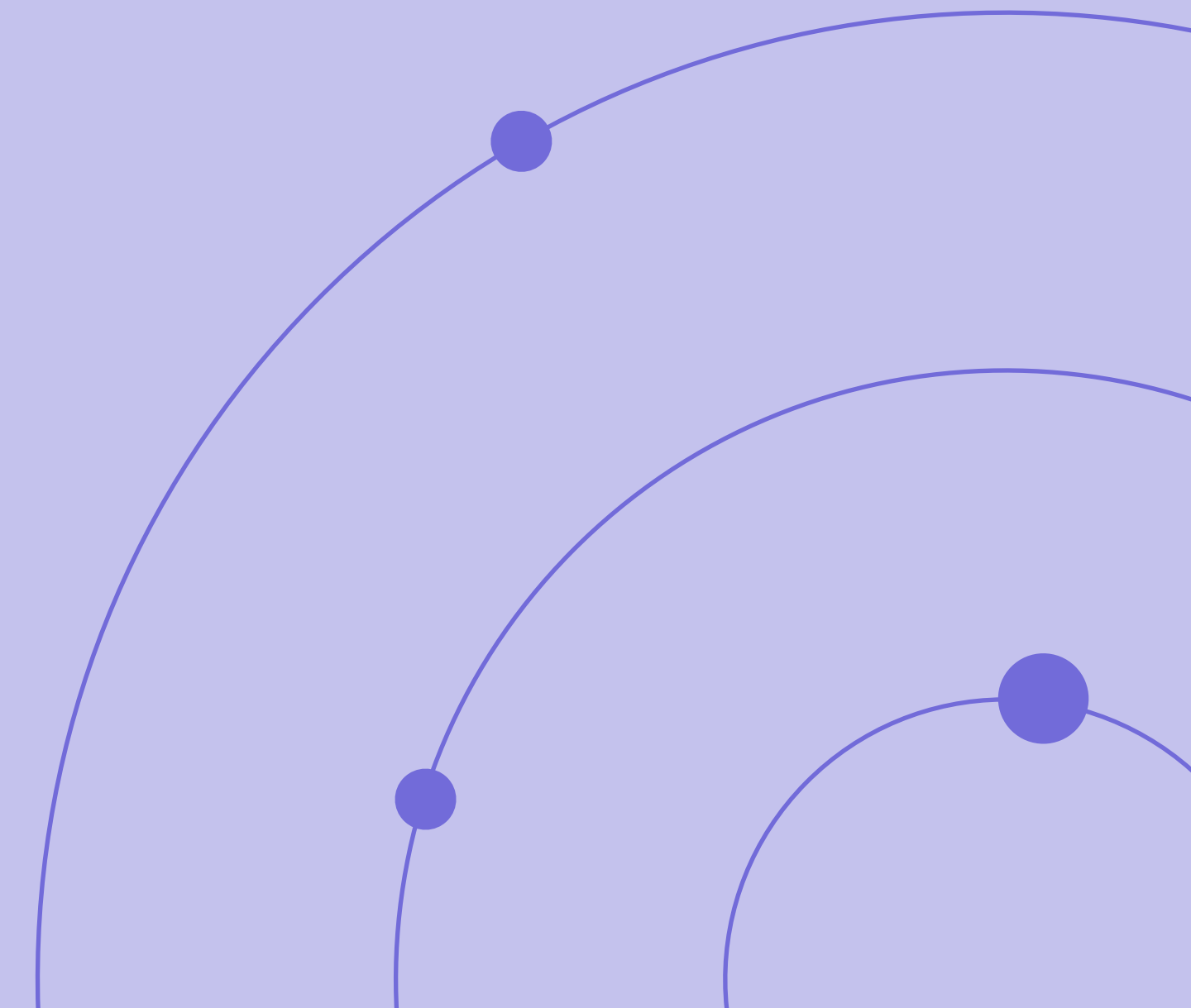
Furthermore, when an organization operates in multiple areas, communication between headquarters can often be tricky. Thomas has pointed out that **thanks to RatedPower, teammates around the world can easily take a quick look at each other's projects** in case of any doubts.

This makes **communication between cities, countries and even continents much easier** and faster, as they can acknowledge information in real time in just seconds.

"RatedPower is **very collaborative** and is great how I can do a project in Australia and the team from Spain can pick the design up and continue working".

Black & Veatch, a top-tier engineering consulting firm, compared RatedPower's energy output calculations for four modeled cases to those of desktop software PVsyst© side by side.

Learn what they found out by reading the report.



The main benefit of RatedPower is that it gives you the ability to run dozens of configurations for the same project in only a few minutes and compare them.”

Thomas Gerstch
Head of Iberdrola’s engineering team



03 Results

Since Iberdrola Australia started using RatedPower two years ago, it has helped them design and review at least 15 projects, of which Thomas’ team has run around 10 simulation designs for each.

As an example, he speaks about the Port Augusta Renewable Energy Park, a project in construction phase that was born with RatedPower.

One of the main benefits of RatedPower to Thomas is that **the software boosts the team’s creativity**. It enablesthem to be innovative and try as many possibilities as they can, **stepping out of the box without wasting time**, as each design only takes minutes to run. In the end, being able to try new and different layouts has made it much more advantageous for them than sticking to the same designs every time, because what works for a project, might not be the optimum for another.

RatedPower is the perfect solution, as it allows a high personalization for each project.

“RatedPower combines functionalities of multiple softwares that most solar engineers would be using by providing ready to export information. The fact that you can get access to yield analysis, BOM, terrain analysis and layout from a single tool is simplifying our workflow.”

Thomas Gerstch
Head of Iberdrola’s engineering team



04 *Why RatedPower?*

“**A solution that keeps evolving**”. That’s the way our interviewee described RatedPower. He accentuates the fact that the software is constantly adding new features and the **RatedPower is always applying every ounce of feedback they receive from its clients.**

Some of the benefits our interviewee highlights are:

→ Being able to run **dozens of configurations for the same project** in only a few minutes and compare them.

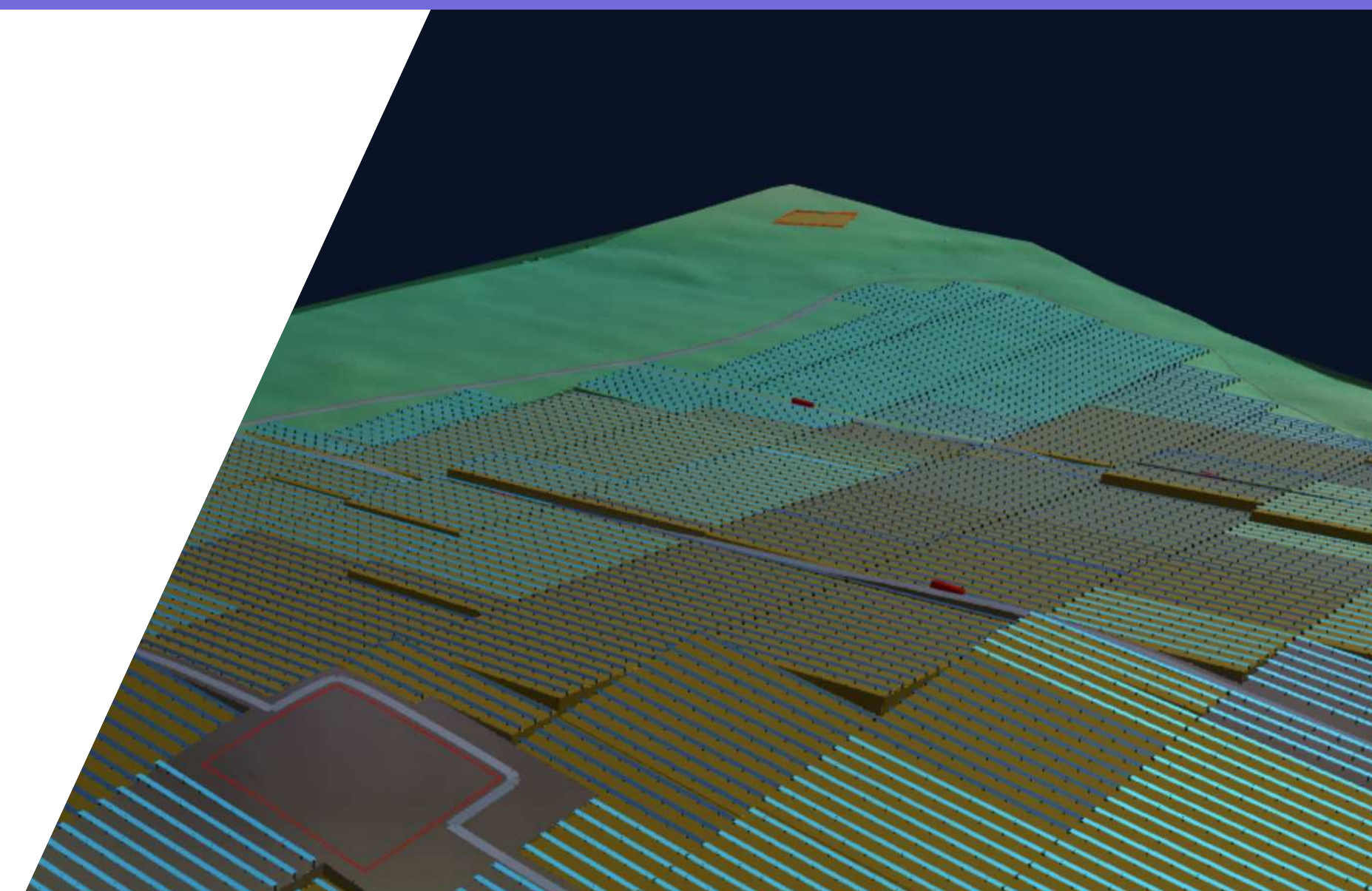
→ RatedPower helps the team to **understand the capacity of the projects** quickly.

→ The software keeps getting better. RatedPower is **listening to the user and making improvements by adding new features** on a regular basis.

→ **Enabling their creativity** while maintaining a high level of personalization.

→ **Collaboration between teams** worldwide.

→ A reduction of time and efforts translates into a **decrease of costs** and an increase of the benefits.





Start accelerating your PV plant design and engineering today

Speed up the design and engineering process of large-scale solar PV projects to boost teams' efficiency, increase accuracy, and reduce the construction costs of PV plants. [Learn more about RatedPower.](#)

