

RatedPower: Revolutionizing Solar Energy

RatedPower is a company revolutionizing the design and engineering of solar plants, transforming a process that normally takes anywhere between four and six weeks to one that can be completed in seconds with improved efficacy and reduced costs. Since its founding in 2017, RatedPower has aimed to play a key role in accelerating the energy transition to ensure that solar power soon becomes the world's primary energy source.

RatedPower's origin came out of the experience of three entrepreneurs: **Andrea Barber**, **Miguel Ángel Torrero** and **Juan Romero**. While working in the renewable energy industry, they found plenty of inefficiencies in the process of designing, engineering and building photovoltaic solar plants worldwide and were inspired to develop an automated tool that could provide a technological solution to this industry-wide problem.

RatedPower offers **pvDesign**, the first cloud-based global SaaS that optimizes and streamlines the design and engineering process of PV plants. Our software has a track record of having optimized 1000+ GW in 100+ countries.

RatedPower continues the innovation process by advancing traditional engineering processes with automated operations. To put this into context: the conventional timeline of a single solar plant involves deciding on the project layout, parameters of construction, materials, and design, all of which can take weeks to complete. Additionally, each analysis requires the coordination of several skilled specialists across disciplines spanning financial services and civil and electrical engineering, creating inevitable bottlenecks in the development process.

In response to the demand for an improved process, **RatedPower** has designed a simplified solution that utilizes optimization algorithms while preserving the integrity of the most efficient engineering designs to condense what would normally be a resource-intensive and time-consuming process. By ascertaining the smartest way to maximize the value of any utility-scale solar plant, pvDesign facilitates the feasibility analysis and configuration of new solar power plants for developers and contractor companies.

Some of the Awards:

- 1st Prize Winner International EDP Open Innovation;
- Selected as one of the most outstanding innovators by German Energy Agency;
- Selected by Techstars Energy in partnership with Equinor;
- 1st Prize Winner Explorer Program by Santander Bank;
- Selected for Google for Startups as Google Residents;
- Seal of Excellence by the European Commission.

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