



15
Years
of Impact

Fourth Partner Energy & Envision
**Powering India's Next
Renewable Energy Wave**

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A Case Study on the strategic partnership, India's Wind energy growth and the future of corporate RE adoption

Executive Summary

India's clean energy transition is entering a decisive decade. As corporates increasingly move toward large-scale renewable energy procurement – wind power is emerging as a critical enabler of round-the-clock green energy solutions, ably aided by battery storage.

At the centre of this transformation is the growing partnership between Fourth Partner Energy and Envision Energy.

What began in 2021 as a turbine supply engagement for a wind project in Tamil Nadu has evolved into a strategic collaboration spanning multiple states, technologies, and long-term decarbonisation goals. Together, the companies have already collaborated on over 500 MW of wind energy projects across Tamil Nadu, Karnataka, and Gujarat, with ambitions to scale this partnership toward ~1 GW of wind capacity and ~1 GWh of Battery Energy Storage Systems (BESS) over the next three years.

This case study features



The business alignment between FPEL and Envision



India's evolving wind energy landscape



The strategic importance of hybrid renewable solutions



Manufacturing and technology trends shaping the sector



The growing role of wind in corporate decarbonisation



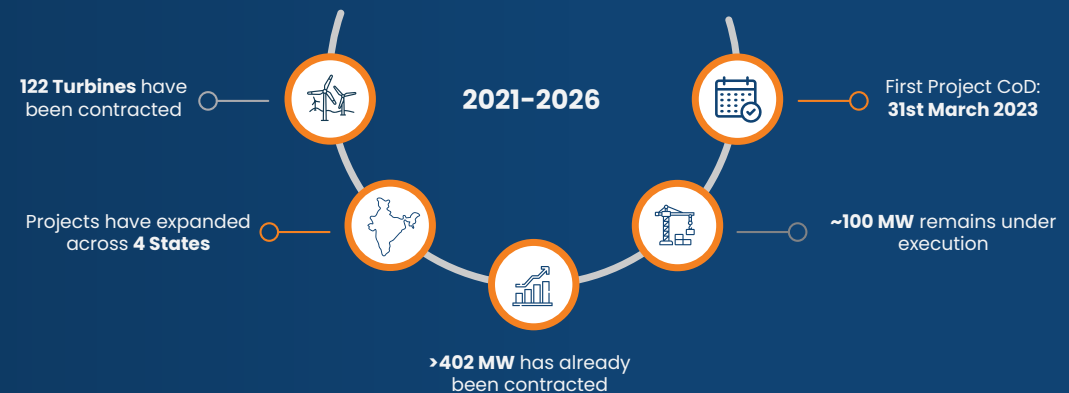
The future of integrated renewable energy infrastructure in India



A Partnership Built for Scale

From OEM supplier to a strategic partnership

The partnership between Fourth Partner Energy and Envision Energy began with a wind project in Tamil Nadu in 2021. Since then, the collaboration has expanded significantly alongside FPEL's growth in India's commercial and industrial renewable energy market



DID YOU KNOW?



Envision Energy has developed a **two-blade wind turbine** that performs comparably to traditional three-blade models.



Envision Racing became the only sports team to partner with COP26 in support of zero-emission mobility.



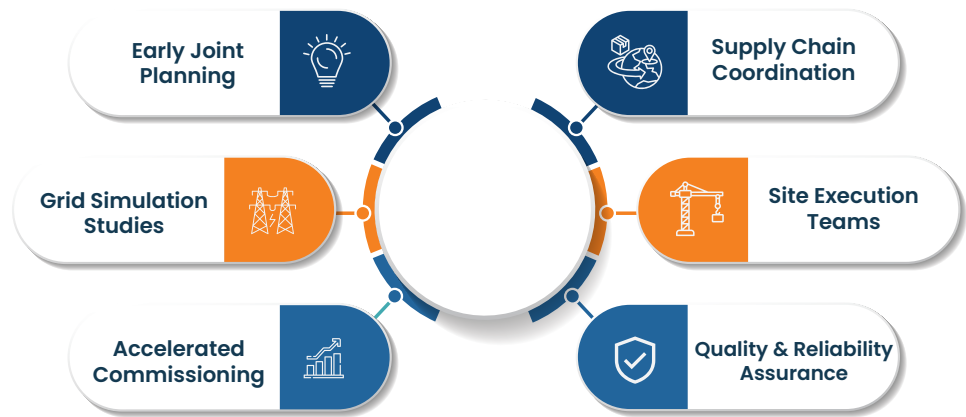
Execution at Speed and Scale

Managing complexity across multiple States

One of the defining aspects of the partnership has been execution across varying wind regimes, regulatory environments, and grid conditions.

FPEL is constantly in the process of building Wind and Solar assets, through the year, across policy-friendly States. Simultaneously commissioning multiple wind projects required:

The Building Blocks of Seamless Execution



DID YOU KNOW?

- Fourth Partner Energy currently has ~800 MW of wind parks in the pipeline across India.
- FPEL remains one of the preferred renewable partners for repeat corporate customers expanding their renewable procurement.

Envision Energy: A Global Renewable Energy Leader

Featured in Fortune’s “Change the World” List in 2024

Envision Energy has emerged as one of the world’s leading renewable energy technology companies, with a portfolio exceeding **100 GW** of installed wind energy capacity globally, offering energy solutions that help advance decarbonisation efforts and support Net Zero goals.

The company operates across:

- Wind Turbine Generators (WTGs)
- Energy Storage Systems (ESS)
- Green Hydrogen Solutions
- Smart Renewable Infrastructure

Sustainability Beyond Operations

Envision’s Road to Net Zero

Envision has embedded sustainability targets into both operations and supply chain transformation.

Key Sustainability Milestones

Milestone	Target
100% Renewable Energy Across Operations	2025
100% Renewable Energy Across Core Supply Chain	2028
Net Zero Target	2040

As a member of RE100, the company has already achieved usage across its global operations, reinforcing the growing importance of sustainability leadership across the renewable energy value chain.



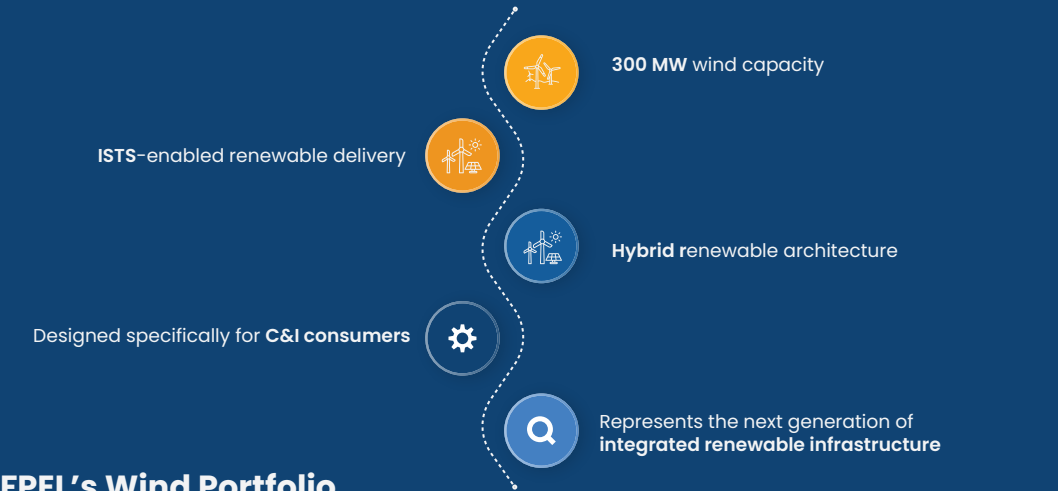
Fourth Partner Energy's Wind Execution Expertise

Delivering Integrated Renewables to Corporate India

Fourth Partner Energy's foray began in 2022 and with a milestone etched during the commissioning of the 35 MW wind-solar hybrid project at Gondal in Gujarat in 2023. Since then, FPEL's wind portfolio has scaled rapidly to over 1 GW of installed and pipeline capacity across multiple states including Tamil Nadu, Karnataka and Maharashtra.

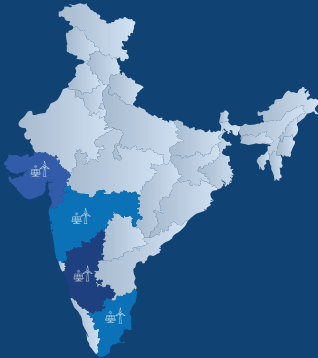
FPEL's feather in its cap is also commissioning India's first Wind Solar Hybrid Park under the ISTS or Inter State Transmission System network dedicated solely to commercial and industrial consumers.

Kudligi ISTS Wind Solar Hybrid Park Key Highlights



FPEL's Wind Portfolio

Project	State	Capacity	COD
Gondal	Gujarat	35.1 MW	Mar-23
Amreli	Gujarat	69 MW	Dec-26**
Nippani	Karnataka	56.7 MW	Sep-23
Kudligi	Karnataka	300 MW	Mar-27**
Ramankoppa	Karnataka	50 MW	Mar-27*
Ottapidaram	Tamil Nadu	50 MW	Nov-23
Karur	Tamil Nadu	75 MW	Dec-26**
Nandurbar	Maharashtra	50 MW	Mar-27*



* Tentative Commercial Operation Date (COD)
** Project partially commissioned; date shown represents the expected COD for the balance capacity

FPEL & Envision: The Next Phase

Beyond Wind, scaling towards Integrated Renewable Systems

For both the renewable energy giants, the next chapter of the partnership extends beyond wind turbine supply.

Future Areas of Collaboration

- > ~1 GW wind turbine supply collaboration over the next three years
- > Evaluation of next-generation 5 MW turbine platforms
- > Exploration of ~1 GWh Battery Energy Storage Systems (BESS)
- > Hybrid renewable infrastructure development
- > Grid-balancing technologies

This reflects the broader industry transition from standalone renewable assets toward integrated clean energy ecosystems combining Wind, Solar, Battery Storage, Smart energy management, Grid-responsive infrastructure

Leadership Perspectives



Supplier Speak

Our partnership with Fourth Partner Energy began four years ago with the successful execution of the Tamil Nadu project. Since then, it has scaled alongside Fourth Partner's growth in the C&I sector, with repeat orders reflecting strong trust and alignment. What stands out most is Fourth Partner Energy's strong execution capabilities and deep understanding of the renewable energy market. Its ability to scale projects rapidly while maintaining a focus on operational performance makes it a valuable partner for Envision.

Looking ahead, we see strong opportunities to further strengthen this collaboration as Fourth Partner progresses towards a 9 GW RE portfolio. With increasing adoption of wind energy and energy storage solutions, the combined strengths of Envision's technology expertise and Fourth Partner's demonstrated execution capabilities position this partnership to support the next phase of integrated renewable energy projects in India."

R P V Prasad
Managing Director - India Region, Envision Energy



FPEL Management Speak

When we set out to build a large-scale wind portfolio for our marquee C&I customers, we knew we needed more than a turbine supplier - we needed a partner who understood the urgency and complexity of what we were building. Envision has been that partner. Their ability to support our growth across multiple states, while maintaining consistent technology performance and responsiveness, has helped us scale our wind portfolio with confidence and deliver reliable renewable energy to our customers."

Srinivasa Reddy Male
Head - Projects, Fourth Partner Energy



An eye on India's Wind Energy Manufacturing Ecosystem

India's wind manufacturing ecosystem has become one of the strongest globally, with annual manufacturing capacity estimated at **~18–20 GW**.

Key Manufacturing Trends

-  Larger and more efficient turbine platforms
-  Improved blade technologies
-  Stronger localisation of supply chains
-  Increased digital monitoring and predictive maintenance
-  Growing integration with storage systems

The sector is officially entering a high-growth phase driven by policy momentum, corporate decarbonisation goals, and the need for reliable renewable energy infrastructure. As turbine sizes increase and projects become more complex, long-term collaboration between developers and OEMs is becoming increasingly critical.

Against this backdrop, the partnership between Fourth Partner Energy and Envision Energy demonstrates how strategic collaboration can accelerate deployment, improve execution efficiency, and enable long-term clean energy growth.

Envision energy is advancing the localisation of its wind turbine manufacturing in India, in line with MNRE's roadmap and expected ALMM compliance requirements by January 2027.

As the country moves toward **100 GW of wind capacity** and deeper renewable integration, partnerships such as these will play an increasingly critical role in enabling India's clean energy ambitions.

The Future of Corporate Renewables Procurement

India's corporate renewable energy market is entering a new era. Energy reliability is becoming as important as sustainability – with hybrid renewable systems gaining preference over standalone RE solutions.

Storage-backed renewable power will become increasingly mainstream as wind energy regains strategic importance. With stringent banking norms across States, corporates are seeing the merit in combining hybrid with storage to meet nearly 80% of their energy requirement via clean sources. Add to this smart energy management, favourable policy for inter-state sale of clean power and structures like REC's, VPPAs and Environmental Attributes – and corporates are nearly spoilt for choice on accelerating RE100.

