

Janaki Energy

Powering Nepal's Industrial Transition
Through Innovative and Reliable
Solutions

About Us



Janaki Energy is a team of passionate engineers focused on promoting sustainable development through clean energy solutions, particularly in solar and hydropower. We provide end-to-end services—from feasibility studies to project implementation—using the latest technologies for efficient, reliable, and cost-effective renewable energy systems. We also import and supply high-quality energy equipment and offer consultancy in technical, financial, and policy areas to support projects of all sizes. Key recent initiatives include: A tariff study for Solar PV with BESS for the Electricity Regulatory Commission, in collaboration with Sara Solutions Pvt. Ltd., Design and desk study of an 8 MW Solar + 7.5 MWh BESS project in Dhanusadham, now moving toward licensing. Ongoing design and installation of MW-scale solar PV systems for industrial and commercial clients. Janaki Energy is committed to driving Nepal's transition to clean energy through innovation, partnership, and quality-driven execution.



Our Mission

To develop renewable energy solutions and build a cleaner, smarter energy system that minimizes environmental impact and ensures long-term sustainability.



Our Vision

To lead the transformation toward a resilient, sustainable energy future where communities thrive, infrastructure is empowered by clean technology, and environment is protected for generation to come .

Why Now: The Opportunity



Industrial and commercial Users face high and volatile electricity prices and pressure to decarbonize



Policies like wheeling, net metering and captive generation etc. gaining momentum



Drop in Solar installation cost



Market lacks a dominant player offering solar-as-a-service under long-term PPAs



Our Existing Project



Project Name:

8MW Solar Project with 7.5MWh BESS

Summary:

- Status: Survey License Application
- Commercial Solar Project
- Location: Dhanushadham Municipality, ward no 4



Pipeline

1. Nepal Pulp and Paper Industry

2. Everest Fiber Cement Board Pvt. Ltd

3. Ambe Cement

4. Dhaulagiri Prabidhik Shikshya Pratisthan

500 kWp solar project

With 2nd phase of 490 MWp solar project

2 MW Solar Project with 2752 MWh Battery Energy Storage System (BESS)

50MW Ground mounted Solar Project

17KW Rooftop Solar Project

Our Target Market

**Cold
Chains**

Hospitals

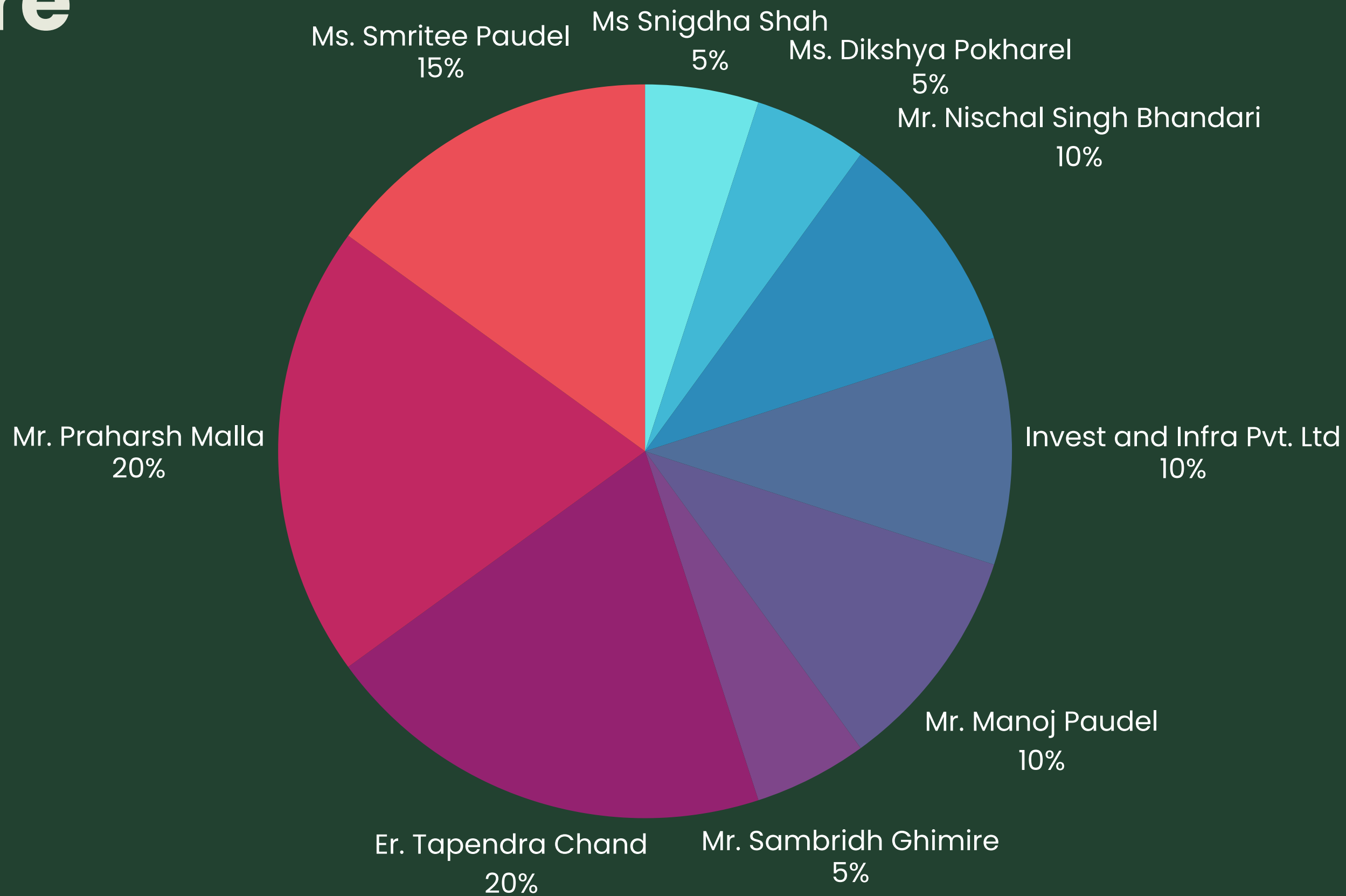
**Hotels +
Resorts**

Tech Parks

**Large
Industries**



Shareholder Structure



Revenue Model



Power Purchase Agreement (PPA)

- Long term PPA for 10-15-25 years (RESCO Model)
- Fixed or indexed tariffs ensuring predictable cash flow
- Ensures stable and predictable cash flows

CAPEX Model : EPC contractor for Solar projects

Consulting Services

- Technical, financial and policy domain consultancy services for energy industry

Feasibility Studies and Planning

- Fees for conducting technical and financial feasibility studies and environment assessment of energy development projects

Investment in hydropower and other energy projects



What We Offer



HIGH SOLAR SYSTEM

We build, own and maintain solar system



Feasibility Studies

We conduct Feasibility Studies, manage and execute energy infrastructure projects



Investment

Facilitate foreign investment and cooperating with government entities, form Joint ventures



Hydropower Projects

We assist in development, operation, maintenance of small, mini, and large scale hydropower



Consultancy and Equipment Supply

We provide consultancy services as well as import and supply high quality equipments



Scaling Roadmap



1

- 2–3 PPAs with industrial clients
- Finalize engineering standards and vendor network
- Build internal team for EPC and monitoring
- Apply for early-stage funding and grants
- Investment in energy projects

2

- Bring in a key partner with captive energy need to co-develop 10+MW
- Raise equity from regional or global energy investors
- Secure green project finance from DFIs and local green banks

3

- Attract Insurance companies and mutual funds for structured investment
- Package operating assets into a yieldco model
- Prepare for an IPO or cross-border expansion as a public company with a strong revenue track record

Future Expansion Options



Hybrid Energy system

Deploy integrated solar PV system with battery to provide reliable electricity .



Wheeling Parks

Develop energy parks which supply electricity directly to industries through open access and grid wheeling mechanism



YieldCos

Create yield companies to manage income-generating energy assets and attract long-term infrastructure investment.



Strategic growth and Regional Infrastructure

Expand through joint ventures, PPPs, and cross-border energy trade while adopting smart technologies like virtual power plants.

Our Board of Directors



Mr. Manoj Poudel
Advisor

MSc from London School of Economics where he was a Chevening Scholar
Chairperson/Executive Committee
Member of the Investment and International Affairs Forum at the Federation of Nepalese Chambers of Commerce and Industry (FNCCI)



Er. Tapendra Chand
Chairperson

MSc in Energy System
Bachelor in Industrial Engineering
APMG (CP³P)[®] Certified PPP Professional[®] with over 11 years of experience in Large Scale hydro and solar projects (FDI); Token of appreciation from the Rt. Honorable Prime Minister of Nepal in recognition of outstanding dedication and service to the Office of Investment Board Nepal



Mr. Praharsh Malla
Director

Director of Hetish Krishi farm
Over 11 years of experience in enterprise management and market development

Our Board of Directors



Mr. Nischal Singh Bhandari
Director

Bachelor of Arts, Public Relations/Image Management
A seasoned growth and partnership head with over 7 years of experience in communication, partnership and brand visibility.



Ms. Smritee Paudel
Director

Master degree in Development and Sustainability
MSc in International Management
Over 5 years of experience in renewable energy, sustainability research & project development



Ms. Snigdha Shah
Director representing Invest and Infra Pvt. Ltd

MBA with major in Marketing
Over 5 years of experience in Project planning, human resource management & partnership development

Our Team Member



Er. Tapendra Chand

Strength: Large Scale solar and hydro project management in The Investment Board Nepal



Mr. Nischal Singh Bhandari

Strength: Growth and Partnership Expert



Er. Rakesh Shrestha

Strength: Technical Consultant for Solar Project (Electrical Engineer)



Mr. Sworup Dhungana

Strength: Chartered Accountant with expertise in financial modelling of commercial solar projects



Ms. Dikshya Pokharel

Strength: Experience in legal compliance and financing of energy projects

Our Team Member



Mr. Sharad Sharma

**Mr. Neelesh Man
Shrestha**

Er. Dipesh Kharel

Er. Bishal Khatiwada

Ms. Rendira Maharjan

Strength: Agricultural Expert
related to Agrivoltaics

Strength:
Environmental
Specialist

Strength: Rooftop
Structural Analysis for
Solar Project

Strength: Civil Engineer with
expertise related to solar
project

Strength: Solar PV design



Get in Touch

For more information or to schedule a meeting, please contact us.

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Thank You!

Together, we can build a greener, cleaner future.

"One step at a time. You'll get there."

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