

DNOVO GREEN

Solar Micro-Grids, Solar Pumps & Smart Water Solutions

East & North-East India

Company Profile

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Who We Are

DNOVO Green is a Kolkata-based solutions provider focused on rooftop solar, solar pumps, smart water management, and low-energy lighting for East and North-East India.

Core Focus Areas

- Rooftop Solar – PM Surya Ghar (Residential & Societies)
- Solar Pumps & Micro-Grids – PM Kusum (Farmers & Rural)
- Smart Water & Low-Energy Lighting (Buildings & Campuses)

Track Record

- 100+ micro-irrigation projects under PMKSY across West Bengal.
- 1 executed + 2 in-hand automated landscape irrigation projects.
- Expanding into solar micro-grids, rooftop solar, and solar pumps for East and North-East India.

Why DNOVO Green

- Subsidy-Savvy Execution: Deep understanding of PM Surya Ghar and PM Kusum guidelines.
- East & North-East Focus: Prioritising West Bengal and neighbouring states.
- Integrated Water–Energy Approach: Solar + Water + Lighting optimization.
- Field-Proven Expertise: 100+ PMKSY projects ensure strong hydraulic design capabilities.

Our Brand Partners

- Bhumi Polymer – National EPC Contractor of Solar (Channel Partner, WB)
- Tirupati Teleplast & Bharat Plasto – Project Partners (HDPE/MDPE Piping)
- Jhin Irrigation – Authorized Dealer (Micro & Landscape Irrigation)
- Hunter Industries – Certified Irrigation Design Approach
- Waaree, Adani, Vikram Solar, SUNORA – Retail Channel Partners (Tier-1 Modules)

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Our Services

PM Surya Ghar Rooftop Solar

End-to-end rooftop solar installation for homes and societies under the PM Surya Ghar: Muft Bijli Yojana, using Tier-1 modules from Waaree, Adani, Vikram Solar, and SUNORA.

- Central subsidy up to ₹78,000 per household for systems up to 3 kW.
- Higher per-kW support for North-Eastern and special category states.
- Coverage for individual homes, group housing societies, and RWAs.
- End-to-end service: site audit, design, subsidy support, installation, commissioning.

PM Kusum Solar Pumps & Micro-Grids

Stand-alone and grid-connected solar pumps, feeder solarisation, and micro-grids with 30–50% central support.

- Component B & C: Stand-alone and grid-connected solar pumps.
- 30% central subsidy (up to 50% in North-East & hilly/Island UTs).
- Applications: individual farm pumps, feeder solarisation, and small solar micro-grids.
- Technical design, vendor coordination, and subsidy documentation support.

Smart Water & Lighting

Integrated solutions for buildings and campuses to reduce OPEX and support sustainability goals.

- Smart Reclaimed Water Management: STP reuse for flushing, HVAC, landscaping.
- Rainwater Harvesting & Groundwater Recharge: IS 15792 & CGWB compliant designs.
- Low-Energy Smart Lighting: LED + IoT controls for 30–60% energy savings.
- Automated Landscape Irrigation: Hunter-certified design, Jhin Irrigation products.

Selected Projects

PMKSY Micro-Irrigation Projects – West Bengal

Multiple districts, West Bengal

- Over 100 micro-irrigation projects implemented across West Bengal.

- Systems designed for water-use efficiency and yield improvement.
- Executed under subsidy-based PMKSY framework.
- Products sourced via Jhin Irrigation and other approved vendors.

Automated Landscape Irrigation – Township / Campus (Executed)

Kolkata / North 24 Parganas, West Bengal

- Smart controller-based landscape irrigation system.
- Zone-wise hydraulic design for varied landscape areas.
- Integration with existing water sources (bore, municipal, and/or reclaimed water).
- Hunter-certified design approach; Jhin Irrigation products; Tirupati Teleplast & Bharat Plasto piping.

Automated Landscape Irrigation – Township / Campus (In-Hand)

West Bengal (2 Projects)

- Currently in design / execution phase.
- Smart controller-based system with zone-wise control.
- Planned integration with reclaimed water / rainwater harvesting where feasible.
- Focus on water savings, plant health, and OPEX reduction.

Upcoming Solar & Water Projects

We are actively developing projects in:

- Rooftop solar under PM Surya Ghar for homes and societies.
- Solar pumps and micro-grids under PM Kusum for farmers and rural communities.
- Smart reclaimed water, rainwater harvesting, and low-energy lighting for buildings.