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8368201878

# VERTICAL AXIS WIND TURBINE STRUCTURE SOLUTIONS

INNOVATIVE DESIGN, MAXIMUM ENERGY

- ✓ High Efficiency
- ✓ Low Noise Operation
- ✓ Works in Low Wind Speed
- ✓ 360° Wind Capture
- ✓ Easy Installation
- ✓ Low Maintenance
- ✓ Durable & Reliable

BUILT FOR  
STRENGTH  
& FUTURE  
★★★

## VERTICAL AXIS WIND TURBINE (VAWT)



360°  
Wind Capture



Low Noise  
Technology



High Strength  
Structure

## STRUCTURE COMPONENTS



TURBINE BLADES



CENTRAL HUB



TOWER SECTIONS



FLANGE CONNECTION



BASE PLATE



GUY WIRE SYSTEM



MCA  
REGISTERED



GST  
REGISTERED



MSME  
REGISTERED



IEC  
REGISTERED



DISCOM  
(UPCOMING)

## FEATURES & ADVANTAGES

- ✓ Vertical Axis Design (VAWT)
- ✓ Perfect for All Wind Directions
- ✓ Corrosion Resistant Material
- ✓ Strong & Lightweight Structure
- ✓ Long Life Performance
- ✓ Easy Installation & Maintenance

## WHY CHOOSE BSMT?

- ✓ Advanced Engineering
- ✓ Premium Quality
- ✓ Durable & Reliable
- ✓ Cost Effective
- ✓ Pan India Support

## APPLICATIONS

- 🏠 Rooftop Projects
- 🏭 Industrial Sites
- 🏡 Remote Areas
- ⚙️ Hybrid Systems
- 🏠 Residential Use

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High Strength Structure

High Efficiency & Performance

Corrosion Resistant

Easy Installation & Maintenance

Long Life & Durability

## VERTICAL AXIS WIND TURBINE STRUCTURE SOLUTIONS

INNOVATION | STRENGTH | SUSTAINABILITY



### VERTICAL AXIS WIND TURBINE COMPONENTS



Rotor Blades (Vertical Type)



Top & Bottom Hub



Main Shaft & Bearing Housing



Tower Structure (Vertical Support)



Base Flange & Anchor Bolts



Gusset Plate & Bracing



Control Box & Electrical Panel



Generator & Drive System



Power Electronics & Controller



Cables & Cable Management

### TYPES OF VERTICAL AXIS WIND TURBINE



Darrieus Type



H-Type



Helical Type



Savonius Type



ADVANCED ENGINEERING



PREMIUM QUALITY



HIGH WIND EFFICIENCY



LOW NOISE & LOW VIBRATION



ALL WEATHER PERFORMANCE



SUSTAINABLE ENERGY SOLUTIONS

**BUILT FOR STRENGTH,  
DESIGNED FOR FUTURE.**

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## STRONG STRUCTURES POWERING TOMORROW

PREMIUM WIND MILL STRUCTURE SOLUTIONS

Engineered for Strength, Built for Sustainability.



### OUR PRODUCTS

- |                              |                                |                                   |
|------------------------------|--------------------------------|-----------------------------------|
| ✓ Wind Mill Tower Structures | ➤ Heavy Steel Fabrication      | • Industrial Steel Components     |
| ✓ Wind Turbine Components    | ➤ Galvanized Wind Structures   | • Transmission Support Structures |
| ✓ Foundation Structures      | ➤ Turbine Mounting Accessories | • Cable Management Systems        |

BUILT FOR STRENGTH,  
DESIGNED FOR FUTURE.

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## आधिकारिक वेबसाइट

www.bsmtenergy.com

## कंपनी परिचय

बीएसएमटी एनर्जी व इंड एनर्जी सेक्टर में कार्यरत एक आधुनिक व इंड वमल ए इं ररन्यूएबल एनर्जी इन्फ्रास्ट्रक्चर कंपनी है, वर्जसके पास MCA, GST, MSME, IEC तथा DISCOM (अपकवमिंग) रवर्जस्ट्रेशन उपलब्ध हैं। कंपनी पैन इंडर्ा स्तर पर पानीपत, उत्तर प्रदेश, वबहार और राजस्थान में अपने व इंड एनर्जी प्रोजेक्ट्स ए इं मैनुफैक्चरिंग रूवनट्स व कवसत कर रही है। कंपनी मुख्य रूप से Wind Mill Structures, Wind Turbine Components, Tower Sections, Foundation Solutions तथा Renewable Energy Projects से सिंबिवधत अन्य उपकरण ए इं से ाएँ प्रदान करती है।

## कंपनी धवविण

- कंपनी का नाम: BSMT Pvt Ltd Wind Energy / BSMT Wind Mill Plant
- उद्योग: व इंड एनर्जी ए इं ररन्यूएबल एनर्जी इन्फ्रास्ट्रक्चर
- व्य सार् प्रकार: Wind Mill Structures ए इं Turbine Components के वनमायता ए इं सप्लार
- स्थापना र्य: लगभग 2019 (कुछ वलस्ट्िंग के अनुसार)

## मुख्य उत्पाद

- Wind Mill Tower Structures
  - Wind Turbine Components
  - Foundation Structures
  - Heavy Steel Fabrication
  - Galvanized Wind Structures
  - Turbine Mounting Accessories
  - Industrial Steel Components
  - Transmission Support Structures
  - Cable Management Systems
  - Renewable Energy Infrastructure Components
- ## मैन्युफैक्चरिंग क्षमता

किंपनी की अनुमावनत उत्पादन क्षमता लगभग 5KW, 10KW से 1000KW प्रवत प्लािंट Wind Energy Structures ए िं Components उत्पादन की है।

## प्रमुख क्लाइंट्स एवं सहयोगी कं पधनयाँ

- BSMT Pvt Ltd Self Sale
  - BSD Mega Power Ltd
  - BSD Mega Power Gujarat Pvt Ltd
  - BSD Mega Power UP Pvt Ltd
  - BSD Mega Power Maharashtra Pvt Ltd
  - BSD Mega Power Rajasthan Pvt Ltd
- ## पता एवं संपकक धवविण

- सिंचालन क्षेत्र: वदल्ली क्षेत्र ए िं पानीपत इिंडस्ट्रिअल एररर्ा
- सिंपकय निंबर: +91-8368201878
- ईमेल: Bsmtptvltld@gmail.com • ेबसाइट: www.bsmtenergy.com

## स्टेट चैनल पाटकनि

1. वबहार
2. पानीपत
3. उत्तर प्रदेश
4. रार्जस्थान

## MCA (Ministry of Corporate Affairs) धवविण

सा यर्जवनक रूप से उपलब्ध र्जनकारी के अनुसार, BSMT Pvt Ltd मुख्य रूप से एक ग्रुप प्राइेट वलवमटेड किंपनी के रूप में कार्य करती है, वर्जसके व वभन्न ररन्यूएबल एनर्जी ए िं इिंफ्रास्ट्रक्चर प्रोजेक्ट्स भारत के व वभन्न राज्ोिं में सिंचावलत हैं। किंपनी का उद्देश्य भारत में स्वच्छ ए िं सतत ऊर्जाय समाधान उपलब्ध कराना है।

## महत्वपूणक नोट



All Quotations shall be provided after discussion and final negotiations.





— नव ऊर्जा, सतत विकास, उज्ज्वल भविष्य —  
— [www.bsmtenergy.com](http://www.bsmtenergy.com) —

#### BUSINESS STRUCTURE

##### 1. BUSINESS CHANNELS

BSMT Energy Ltd. present business opportunities through the following channels:

- CNF (Carrying & Forwarding)
- Distributors
- Franchise Partners



#### PRODUCT & SERVICE PORTFOLIO

##### A. Solar Products Division

- Rooftop Solar Systems
- Solar Water Pumps
- Solar Street Lights
- Ground Mounted Solar Projects
- Solar EPC Services

##### B. EV Products Division

- Electric Scooters
- Electric Bikes
- E-Rickshaws
- E-Loaders
- EV Dealership Network

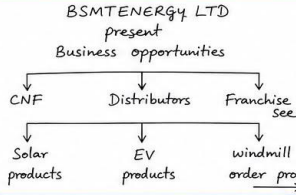
##### C. EV Charging Infrastructure

- AC Charging Stations
- DC Fast Charging Stations
- Commercial EV Charging Hubs
- Solar Powered Charging Stations
- Hybrid (Solar + Wind) Charging Stations

**TARGET:** 400 – 4000 EV CHARGING STATIONS ACROSS INDIA

#### BSMT ENERGY LTD PRESENT

#### BUSINESS OPPORTUNITIES



#### WINDMILL BUSINESS OPPORTUNITY

- Windmill on
- commercial property only
  - 100% Bill waived
  - 100% Free After 3-7yr. (100% loan)
  - Contact for site-visit.



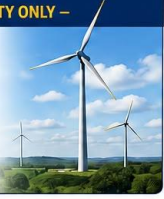
##### BENEFITS:

- ✓ Up to 100% Electricity Bill Savings
- ✓ Renewable Energy Generation
- ✓ Hybrid Model (Solar + Wind)
- ✓ Financing / Loan Support Available
- ✓ Site Survey & Feasibility Study by BSMT Team

#### WINDMILL ON

— COMMERCIAL PROPERTY ONLY —

- ✓ 100% Bill waived
- ✓ 100% Free After 3-7 yr. (100% loan)
- ✓ Site Contact for site visit.



#### DIFFERENCE BETWEEN SOLAR PLANT & HYBRID PLANT

Solar Plant → Hybrid (solar + wind)

Ar. 20,000 unit / Day Required.

|                   | SOLAR PLANT               | HYBRID PLANT                                     |
|-------------------|---------------------------|--------------------------------------------------|
| Emw Solar Plant   | 4.50 x 6 = 27 crore       | 1 MW Solar = 4.50<br>1.5 MW wind = 10.50<br>Land |
| land              | 24 Acre x Solz = 12 crore | 01 Acre = 01.50                                  |
| +                 | Permission = 02 crore     | Perm = 01.00                                     |
| Total             | 41 cr.                    | 17.50 cr.                                        |
| Evacuation Same → |                           | ↓                                                |
| Payback Period    | free in 12-15 years       | 100% loan<br>↓<br>free in 3-7 years              |

JOIN THE GREEN ENERGY REVOLUTION WITH BSMT ENERGY LTD.



SOLAR ENERGY  
SOLUTIONS



WIND ENERGY  
SOLUTIONS



EV PRODUCTS



EV CHARGING  
INFRASTRUCTURE



HYBRID RENEWABLE  
ENERGY PROJECTS