



PVJ Power

Powering your Business



**YOUR PARTNER FOR ENERGY EFFICIENT,
COST EFFECTIVE AND SUSTAINABLE
POWER DISTRIBUTION SOLUTIONS**



**9001:2008
REGISTERED**



A BRIEF INTRODUCTION:

PVJ Power Solutions has covered many a milestones since its inception to reach its present position as a leading Indian manufacturer of various types of Transformers, Compact Sub-Stations & Servo Voltage Stabilisers. The company is **BIS ISI as per IS:1180** & ISO 9001 certified & was **incepted by Er. V K Joshi (Retd XEN, HPSEBL)**. Our motto since inception has been to be a **manufacturer of energy efficient energy distribution systems**.



60,000+ sq ft.
Manufacturing Area



30,000+
Transformer Supplied



4,000+ MVA
Capacity Supplied



150+
trained manpower



30+
NABL Type Tests



Short
Delivery Times



Prompt
All India Service



Software
Simulation of Design

Small enough to care,
Large enough to deliver.



HIGH QUALITY MANUFACTURING PROCESS

CNC MACHINE BASED TANK CUTTING

We use CNC based Tank cutting to get the precision cut in our transformer tanks precise upto millimeters.



HIGH QUALITY PROCESS

Use of Silver Brazing of conductor coils, Densified wood for Insulation & Acrylic Nut Bolts for joints.



IN HOUSE CRGO SLITTING PLANT

We have our own in-house CRGO slitting plant, which gives us the control over Core Assembly quality.



IN HOUSE TANK FABRICATION

Our in house fabricated tanks are pressure tested in our proprietary Pressure Testing setup.



COIL COMPRESSOR & OVENING

Transformer coils are packed & ovened after manual compressing to provide extra strength to them.



HIGHLY SKILLED MANPOWER

We've highly skilled & trained manpower with extensive transformer manufacturing work-ex.



HIGH QUALITY RAW MATERIAL INPUT

We only use Imported Prime CRGO, EC Grade Electrolytic Copper & directly produced Oil.



PRECISION TESTING LAB

Our in-house Testing Lab is **NABL ACCREDITED** & equipped to carry out all Routine Tests.





DISTRIBUTION & POWER TRANSFORMERS

PRODUCT RANGE:

- > 6.3 kVA to 10 MVA
- > 11 KV, 22 KV, 33 KV Class

TRANSFORMER OPTIONS:

- Copper Wound / Aluminium Wound.
- Indoor Type/ Outdoor Type
- Off Load Tap Changer / On Load Tap Changer.
- Pole Mounted / Ground Mounted.
- Tube Radiators / PSR Radiators / Corrugated Tank.
- Non-Sealed Type / Hermetically Sealed Type.

IS:1180 (Part 1)



CM/L-9600006114



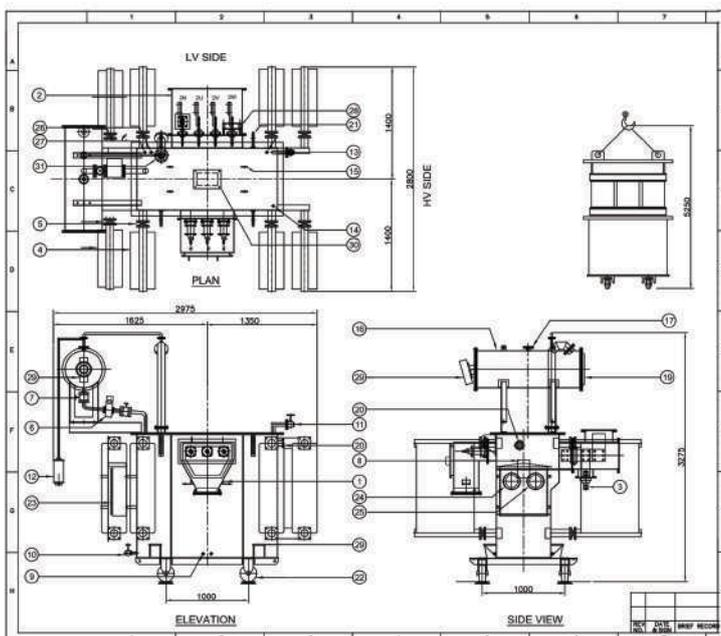
ALL PVJ POWER TRANSFORMERS ARE MANUFACTURED WITH COMPLIANCE AS PER LATEST **BEE & BIS NORMS OF IS:1180 (PART 1)**. WE'VE TYPE TESTED TRANSFORMERS UPTO 2500 KVA AS PER BIS NORMS.

STANDARD FITTINGS PROVIDED:

- Rating & diagram plate along with labels
- Earthing terminals - 2 nos.
- Pre-filled Silica-gel breather.
- Lifting lugs for complete transformer.
- Thermometer pocket.
- Oil filling pipe with cap on tank cover/conservator.
- HV Terminals Porcelain Bushings.
- LV Terminals Porcelain/Epoxy Bushings.
- Bi-metallic connectors on HT side.
- Oil level indicator on the Oil Conservator.
- 4 set of wheels for movement.
- Drain cum sampling valve - 1 no.
- Filter Valve with plug - 1 no.
- Pressure relief explosion vent with diaphragm.
- Externally operated off circuit tap changer switch.
- Oil Temperature Indicator.

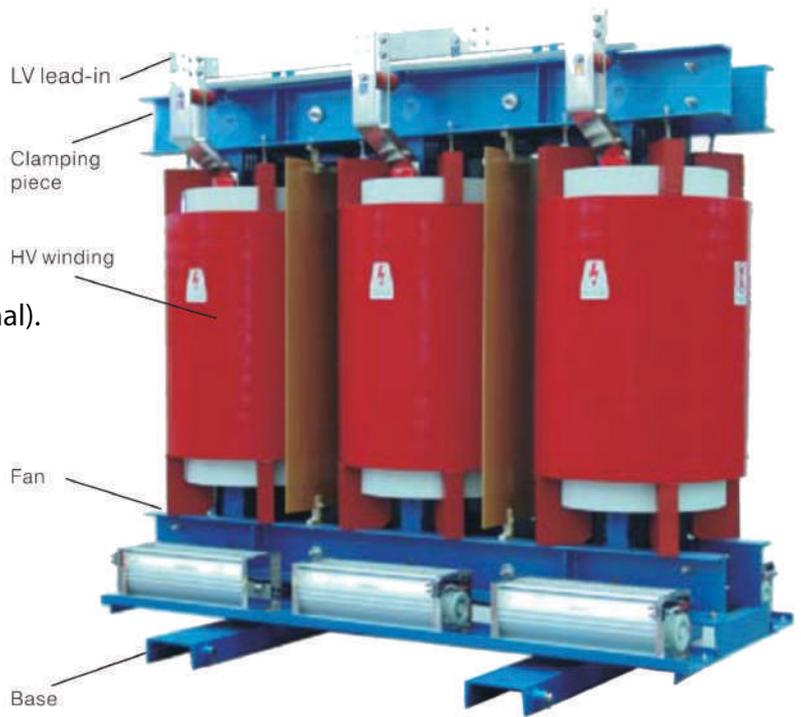
OPTIONAL FITTINGS ON REQUEST:

- Buchholz Relay.
- HV & LV Cable Boxes.
- Winding Temperature Indicator.
- Magnetic Oil Level Guage.
- Marshalling Box.
- Disconnecting Chamber.
- Oil Temperature Indicator with Alarm Trip Contacts.



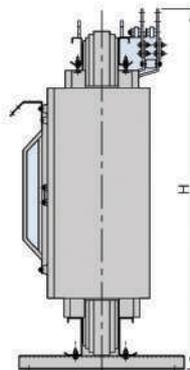
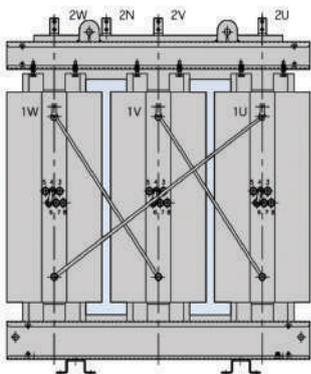
ACCESSORIES :

- Digital WTI with Marshalling Box
- Electronic unit for thermal control, with inputs for PTC, without temperature display (optional).
- Forced ventilation systems (for temporary power increase)(optional).
- Electronic unit for ventilation system (optional).
- Transformer protective enclosure (degree protection IP23 & IP31)
- Surge arresters kit (optional).
- Antivibration pads (optional).
- HV terminals for plug-in connections
- Antiseismic frame (in base of level of earthquake)
- OLTC (On-Load Tap-Changers)
- CT and VT instrument transformer



PERFORMANCE FEATURES

- Safety, fireproofing, non-polluting, direct operation on the load center.
- Strong mechanical strength, excellent insulation capacity, low partial discharge ,strong radiation capability, high reliability and long life.
- Low loss, low noise, energy-saving.
- High heat dispersion and strong serviceability , forced air cooling can improve the operation of capacity.
- High humidity-resistant, environmental protection, fire-retardant, explosion-proof, less maintenance compact design and light weight.



PVJ POWER EPOXY MIXING PLANT

We have a state of the art Epoxy Mixing cum Casting Plant to make Cast Resin Coils in Vacuum environment,





OUR CUSTOMER TESTIMONIALS:

HIMACHAL PRADESH STATE ELECTRICITY BOARD LTD
 43, State Government (Chandigarh)
 No. HPSERL/COMD-Texas/PJ2/062015-1-07- / 1919-23, Dated: 10-09-16

PERFORMANCE CERTIFICATE

This is to certify that 25 nos. 25 MVA 11KV/4 KV Amp Distribution Transformers supplied by M/s. PVJ Power Solutions against PO No. CD3889/PJ2/CL/07-19AC/0157 have been accepted as per delivery schedule & their performance has been found to be satisfactory in the period of 12 months since delivery.

(Sd/-) M/s. PVJ Power Solutions
 Chief Engineer (M&E)
 HPSERL, Village Bhawan,
 Chandigarh-171006 (Ph: 9177-2313136)

Copy Forwarded to:
 M/s. PVJ Power Solutions, Village Nawal, PO: Dhakka, Tehsil: 171001 (HP)



TO WHOMSOEVER IT MAY CONCERN

This is to certify that M/s. PVJ Power Solutions has supplied the following equipment for the project, accepted through various recent visits awarded to M/s. PVJ Electric, India:

- PVJ POWER MAKE 25 MVA 11KV/4 KV ELL COPPER WOUND ONAN TRANSFORMER
- PVJ POWER MAKE 25 MVA 11KV/4 KV ELL COPPER WOUND ONAN TRANSFORMER
- PVJ POWER MAKE 125MVA 11KV/4 KV ELL COPPER WOUND ONAN TRANSFORMER

The Transformer were delivered within the stipulated delivery time. The supplied material has been working smoothly since date delivery & their performance has been found satisfactory.

Jugdamba Contractors & Builders Ltd.

Performance Certificate

To Whomsoever it may concern

This is to certify that we have purchased PVJ make 0 nos. 3000 KVA 11/0.4 KV Copper Wound 3-Phase 50 Hz Distribution Transformer, supplied & commissioned on July 21/16 from PVJ Power Solutions, Nawalgarh, HP.

It is in operation, steady & Working Performance, with technical support & after sales service of the Transformer is found satisfactory.

The Transformer have been Commissioned & found working in the expected manner.

We express our support and appreciation with competent response. We wish them all the best for their future endeavors and look forward to work with them for future requirement.



(Sd/-) M/s. PVJ Power Solutions
 Chief Engineer (M&E)
 HPSERL, Village Bhawan,
 Chandigarh-171006 (Ph: 9177-2313136)

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 M/s. PVJ Power Solutions, Village Nawal, PO: Dhakka, Tehsil: 171001 (HP)

This is to certify that M/s. PVJ Power Solutions has supplied the following equipment for the project, accepted through various recent visits awarded to M/s. PVJ Electric, India:

- PVJ POWER MAKE 3000 KVA 11/0.4 KV COPPER WOUND ONAN TRANSFORMER

The Transformer was delivered within the stipulated delivery time. The supplied material has been working smoothly since date delivery & their performance has been found satisfactory.



No. DPSS/PJ/2015
 Dated: 25-08-2015

TO WHOMSOEVER IT MAY CONCERN

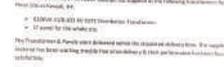
PERFORMANCE CERTIFICATE

This is to certify that M/s. PVJ Power Solutions has supplied the following equipment for the project, accepted through various recent visits awarded to M/s. PVJ Electric, India:

The Transformer have been Commissioned & found working in the expected manner.

We express our support and appreciation with competent response. We wish them all the best for their future endeavors and look forward to work with them for future requirement.

(Sd/-) M/s. PVJ Power Solutions
 Chief Engineer (M&E)
 HPSERL, Village Bhawan,
 Chandigarh-171006 (Ph: 9177-2313136)



This is to certify that M/s. PVJ Power Solutions has supplied the following equipment for the project, accepted through various recent visits awarded to M/s. PVJ Electric, India:

- PVJ POWER MAKE 3000 KVA 11/0.4 KV COPPER WOUND ONAN TRANSFORMER

The Transformer was delivered within the stipulated delivery time. The supplied material has been working smoothly since date delivery & their performance has been found satisfactory.

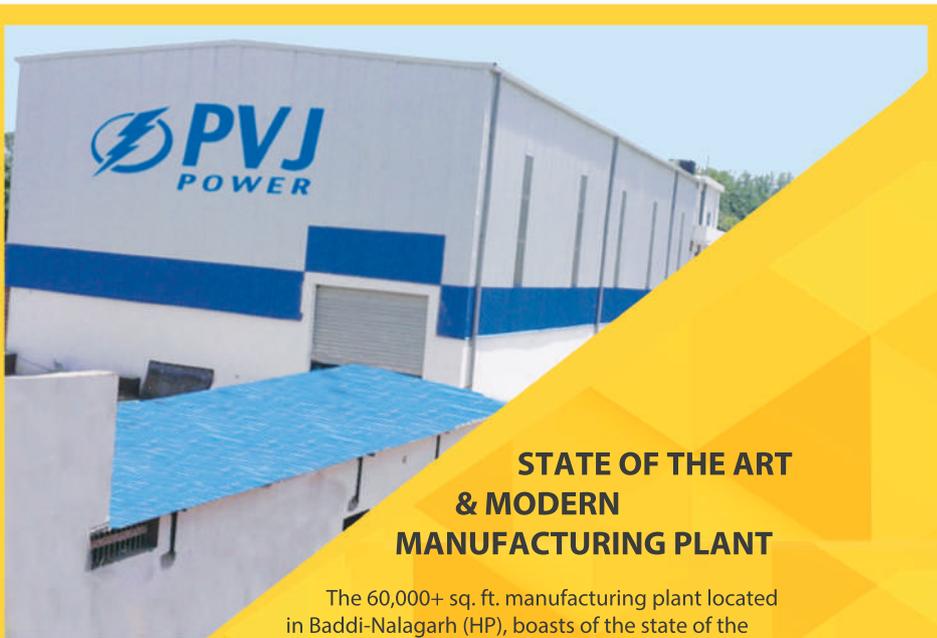


SUPPLY-CUM-PERFORMANCE CERTIFICATE - PVJ POWER SOLUTIONS

This is to certify that M/s. PVJ Power Solutions has supplied the following equipment for the project, accepted through various recent visits awarded to M/s. PVJ Electric, India:

Sl. No.	Qty	Specs	Deliv.	Remark
1	1	3000 KVA 11/0.4 KV COPPER WOUND ONAN TRANSFORMER	25/08/2015	Accepted through visit
2	1	3000 KVA 11/0.4 KV COPPER WOUND ONAN TRANSFORMER	25/08/2015	Accepted through visit
3	1	3000 KVA 11/0.4 KV COPPER WOUND ONAN TRANSFORMER	25/08/2015	Accepted through visit
4	1	3000 KVA 11/0.4 KV COPPER WOUND ONAN TRANSFORMER	25/08/2015	Accepted through visit
5	1	3000 KVA 11/0.4 KV COPPER WOUND ONAN TRANSFORMER	25/08/2015	Accepted through visit
6	1	3000 KVA 11/0.4 KV COPPER WOUND ONAN TRANSFORMER	25/08/2015	Accepted through visit
7	1	3000 KVA 11/0.4 KV COPPER WOUND ONAN TRANSFORMER	25/08/2015	Accepted through visit
8	1	3000 KVA 11/0.4 KV COPPER WOUND ONAN TRANSFORMER	25/08/2015	Accepted through visit
9	1	3000 KVA 11/0.4 KV COPPER WOUND ONAN TRANSFORMER	25/08/2015	Accepted through visit
10	1	3000 KVA 11/0.4 KV COPPER WOUND ONAN TRANSFORMER	25/08/2015	Accepted through visit

The Transformer were delivered within the stipulated delivery time as per the technical specifications. The performance has been found satisfactory.



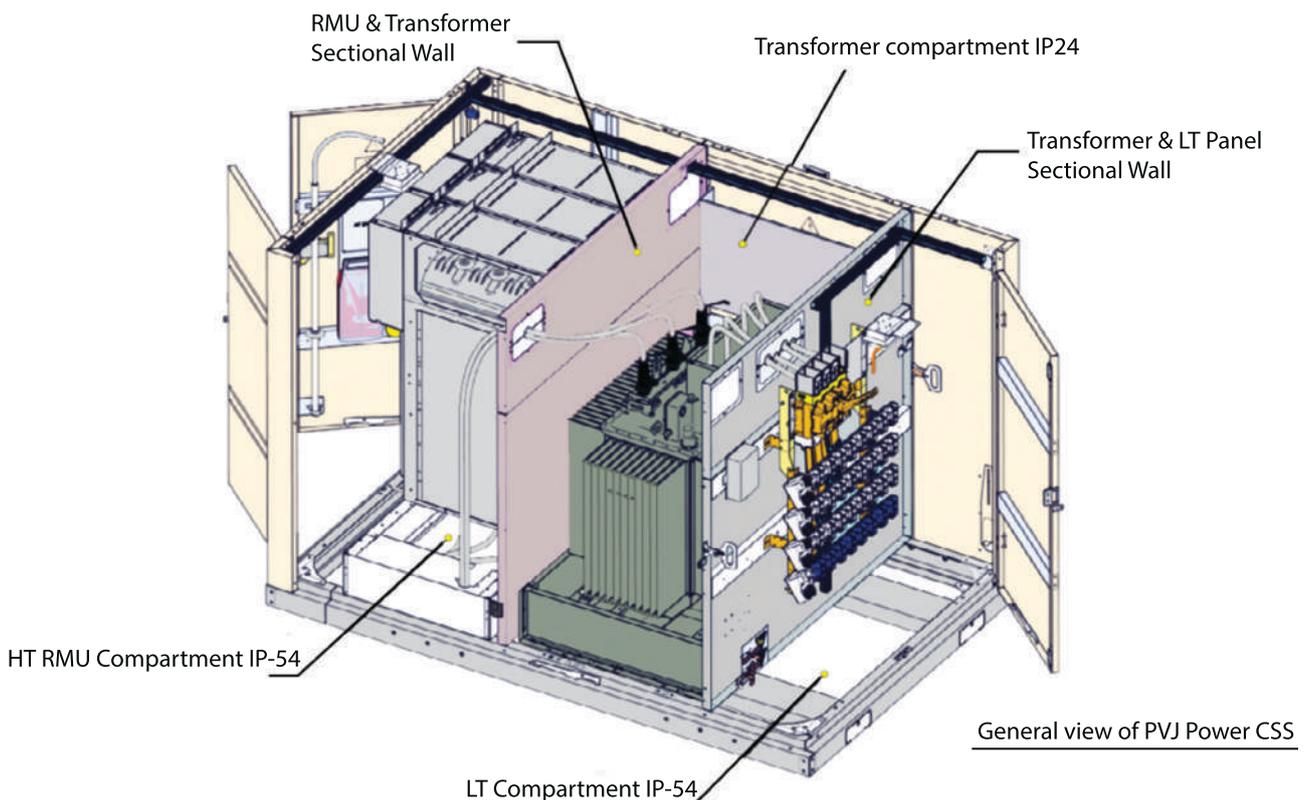
STATE OF THE ART & MODERN MANUFACTURING PLANT

The 60,000+ sq. ft. manufacturing plant located in Baddi-Nalagarh (HP), boasts of the state of the art manufacturing machinery & testing equipment. It makes us equipped to complete any customer requirement, 24 x 7 x 365.

COMPACT SUBSTATION / UNITIZED SUBSTATION

PVJ POWER CSS is a prefabricated substation, factory-designed, tested and ready-to-install and is fully compliant with IEC 62271-202. Our compact substations are engineered to the highest possible standards for personnel safety and aesthetics.

- Modular construction of enclosure provides high degree of flexibility to meet specific site requirements.
- Fully compartmentalized construction for MV switchgear, HV Transformer and LV switchgear.
- Appealing aesthetics.
- Specially designed ventilation system to suit local climatic conditions.
- Safety ensured for operator, public and environment.



PAINTING:

Enclosure is painted with PU paint with following advantages:

- Aesthetic, glossy finish
- Durability & Resistant to corrosion

VENTILATION:

Ventilation is achieved by natural air circulation from louvers in the wall to the top of the roof using thermo siphon effect.

FACTORY BUILT ENCLOSURE:

Factory-built MODULAR CSS Enclosure meet users' needs in reliability, safety and overall quality. 2mm thick painted MS enclosure fabricated with Modular design.

DOORS & LOCKING SYSTEMS:

CSS is equipped with SS hinges, with high mechanical strength & Press-fit type gaskets ensure IP protection.

**VARIOUS CLIENT INSTALLATIONS OF PVJ POWER CSS
ALL ACCROSS THE COUNTRY IN VARYING INDUSTRIES**



**COMPACT SUBSTATION
PRODUCTION LINE
IN OUR PLANT**

SERVO VOLTAGE STABILISERS:

Capacity : Upto 2.5 MVA
Voltage Range : 280V (Min.) to 500V (Max.)
Cooling : Oil Cooled
Output Voltage : 400V +-1%, 50 Hz, 3 Phase
Efficiency : >99.5%
Load Type : Balanced / Un-balanced

Why PVJ Power Solutions is Preferred
The use of variable speed servo motor along with proportional type of control circuit ensures that the voltage fluctuations are corrected quickly without any oscillations at the output so as to protect the end equipment.

Hunting, oscillation, and noise generation is eliminated. The rate of voltage correction is 2-3 times faster than our competitors. Designed to work on Unbalanced Line & Load conditions wherein each phase is individually controlled with separate variable speed Motor & Electronic Controls.

The response time of stabilizer quick at 10 msec. The improved efficiency of 98% compared to typical 95% available in the market will reduce running costs. Substantial saving in the electric bill (lower power losses) will pay back the cost of equipment in 2/3 years.

PVJ POWER SERVO MOTOR CONTROLLED AUTOMATIC VOLTAGE STABILIZERS (Servo type Automatic Voltage Stabilizers) are based on the principle of feedback information, and are manufactured from the highest quality raw materials available. These regulators are high speed electromechanical regulators and are manufactured using the latest technology so as to provide constant voltage for supplying the desired voltage without any harmonics and can even operate over a wide temperature range.



OUR FOOTPRINT:

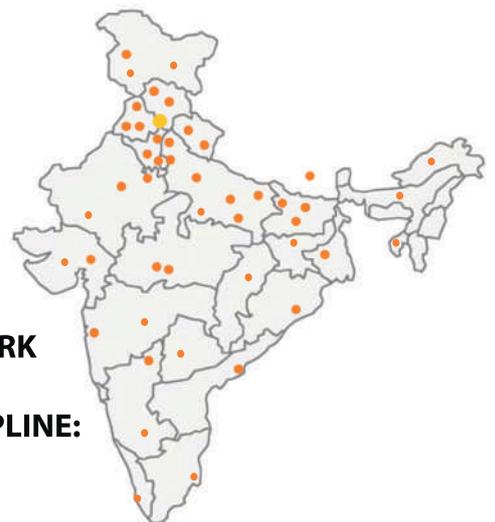
Within a short span of time PVJ Power has spawned its supply footprint all over India & in neighbouring countries. The clients vary in industry from DISCOMs to Industries to PSUs to Real Estate Companies, Turnkey Companies & Hospitality Institutions. All this has been possible due to our consistent focus on delivering quality through our product & service.

OUR AFTER SALES SERVICE CENTERS :

-SRINAGAR -BADDI
-GURGAON -LUCKNOW
-PATNA -KOLKATA
-AHMEDABAD -CHENNAI

**PAN INDIA
SALE & SERVICE NETWORK**

**OUR 24X7 CUSTOMER HELPLINE:
98166-38097**





We are proud to provide the following clients with our efficient products

 PSPCL PUNJAB STATE POWER CORPORATION LTD.	 GAIL			
 Smart City MISSION TRANSFORMATION	 MUMBAI METRO	 NHSRCL	 SIGNATURE GLOBAL HEALTHY. RELIABLE. RESPONSIBLE.	
 DELHI METRO	 DELHI METRO	 Uttar Pradesh Rajkiya Nirman Nigam U.P. Government Undertaking	 IndianOil	 Bhakra Beas Management Board
 AIIMS Bilaspur	 NHAI	 एन.एच.पी.सी. NHPC	 Jio	 airtel
 SUZLON	 Dabur	 SIEMENS	 FRESENIUS KABI caring for life	 HPL
 SKODA	 HP	 SUZUKI	 LARSEN & TOUBRO	 KIA
 TATA TATA POWER SOLAR	 ASHOK LEYLAND	 BLU SMART MOBILITY	 TATA MOTORS	 TOYOTA
 NCC Infra	 TDI RISE ABOVE	 OMAXE Turning dreams into reality	 ANSAL API	 RFL EVOLUTION IS CONSTANT
 DILIP BUILDCON LIMITED	 H. G. INFRA ENGS. LTD. सुदृढ बल	 Crompton	 AFCONS AFCONS INFRASTRUCTURE LIMITED	 Patel Since 1989
 Reliance MARKET	 SAROVAR HOTELS & RESORTS	 BIG BAZAAR	 GreenCell MOBILITY	 DECATHLON
 Radisson BLU	 RAMADA	 Best Western	 TAJ Hotels Resorts and Palaces	 ITC HOTELS RESPONSIBLE LUXURY
 PNC INFRA TECH LIMITED	 OLD MONK RUM	 lemon tree HOTELS	 दैनिक जागरण	 T SERIES
 Greenlam	 Anant Raj Group	 SAMSUNG	 PHILIPS	 L'ORÉAL
 GD GOENKA GLOBAL SCHOOL	 Godrej	 Flipkart	 Steelbird Helmets	 Campus
 RUCHI FOODLINE	 कमिला पशु आहार	 CHANDIGARH UNIVERSITY Discover. Learn. Empower.	 Cadbury	 Coca-Cola
 THE LAWRENCE SCHOOL	 IIT Mandi	 DELHI PUBLIC SCHOOL	 Shoolini University	 Nalanda UNIVERSITY



HIGH QUALITY RAW MATERIALS USED



TYPE TESTED EQUIPMENT FROM NABL LABS



STATE OF THE ART MANUFACTURING FACILITY



ALL PRODUCTS SUBJECTED TO RIGOROUS TESTING



HIHGLY ENERGY EFFICIENT TRANSFORMERS



BEE & BIS APPROVED PRODUCTS



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marketing@pvjpower.in
+91-9816638097; 9816022997



REGD. OFFICE & WORKS AT:
Dabhota Industrial Area,
Nalagarh-Bharatgarh road,
Nalagarh, HP - 174101.

Our Local Channel Partner

