



DIAMOND POWER INFRASTRUCTURE LTD.

A new **SUPER**
POWER
is taking charge...

And we are empowering it.

Power of Integration

Diamond Power was established with the objective of providing turnkey power T&D solutions. We have invested in, and built one of the finest manufacturing facilities backed by an expert team of professionals, to deliver excellence. With path breaking innovations and a proactive approach to innovations, we have grown exponentially in our offerings of products and services.



Integrated Capabilities

Diamond power is the only major EPC player with in-house manufacturing facilities for cables, conductors, transformers and transmission towers, enabling complete backward integration.

- **Equipment:** Design and manufacture power transmission equipment such as HV, LV & EHV cables, Power Cables Conductors, Power & Distribution Transformers and Towers
- **EPC Contracts:** Plan, design and commission turnkey T&D projects



Special Projects Expertise

Diamond Power has acquired extensive technical, financial and managerial capabilities to customize and execute the following range of projects:

- **Overhead Transmission Lines:** High Voltage and Extra High Voltage transmission line projects
- **Substation Projects:** MV, HV and EHV substation projects
- **Rural & Urban Distribution Projects:** Turnkey electrification & distribution, automation and upgradation projects



Super Reliability for the New Superpower

Dependable Range of Cables

Our power cables transmit a reassuring quality that can be counted on at all times. Our range includes the highly reliable LV/HV cables from 1.1KV to 132KV and the EHV cables from 220KV to 550KV. In order to deliver world-class power transmission products, we leverage our CCV method of manufacturing, coupled with German technology. What's more, we also offer a 10-year warranty on our products against manufacturing defects - a first of its kind assurance that helps build the client's confidence and trust in our products.

Product Range

Power and Control Cables include:

- **LV(1.1KV) grade** aluminum/copper, armoured/unarmoured, PVC/FRLS/XLPE cables up to 1000 sq mm in single core and 630 sq mm in multi core that conform to IS1554-I, IS 7098-I and other international standards
- Copper control cables up to 61 core with PVC/XLPE/FRLS that conform to international standards and specifications
- **HV cables** up to 132KV as per international specifications and standards
- **EHV cables** from 220KV to 550KV
- **Aerial Bunch Cables (ABC)**, both in LV & HV grade that conform to various standards
- Specialty cables which include control & instrumentation cables
- PVC / XLPE insulated ACSR & AAA conductors for special purposes
- **Flexible cables** with single core and multi core that conform to international standards and BS specifications
- Instrumentation & Computers Cables

Production Capacities

Our key equipment suppliers include global leaders such as Scholz, Nokia-Mallefer and Supermac among others. Amongst the top five power cable manufacturers in India, Diamond Power has also established India's first 'vertical lead extrusion facility' as well as the 'aluminum extrusion facility' for cables, ranging from 66KV and more. Our cable capacities include:

- LV cables (1.1KV) : 34300 KMPA
- HV cables (up to 132KV) : 5800 KMPA
- EHV cables (220KV & above) : 2500 KMPA

Approvals, Certifications and Testing

- Is ISO 9001-2008 certified & ISO 14000
- Products type-tested at ERDA and CPRI
- BIS certification for all LV / HV cables, conductors
- Products approved and accepted by leading electrical consultants, EPC contractors and corporate houses
- Products approved by most of the power utilities viz. Powergrid, NTPC, NHPC and State Electricity Boards



Super Efficiency for the New Superpower



Proficient Range of Conductors

Our range of conductors has been designed for superior efficiency and performance. Conductor manufacturing has been Diamond Power's core competency since inception; it has today evolved into the country's second largest player with a market share of over 25% and an installed capacity of over 50,500 MT. The product range comprises of 7 strand to 91 strand from 11KV HVDC lines. Diamond Power has supplied more than 1 million KM of conductors.



Product Range



Our Transmission and Distribution Conductors include:

- Aluminum Alloy Conductor Steel Reinforced (AACSR)
- All Aluminum Conductors (AAC)
- All Aluminum Alloy Conductors (AAAC)
- Aluminum Conductor Steel Reinforced (ACSR)
- Aluminum Conductor Alloy Reinforced (ACAR)
- High Conductivity Alloy Conductors AL-59 etc

Production Capacities

- Installed capacity of over 50,500 MT
- Annual capacity of over 80,000 KMPA

Approvals, Certifications and Testing

- Is ISO 9001-2008 certified
- Products are type-tested at ERDA, NETFA, TAG and CPRI
- India's first plant with in-house alloy manufacturing capabilities with type-testing facilities for rods
- Products approved with Powergrid, NTPC, NHPC and SEB's
- First in India to develop and manufacture alloy conductors and proto-test HSHC (High Strength and High Conductivity) conductors
- First BIS mark holder for alloy conductors in India having ISI licenses for all types of conductors

Product Awards

- Winner of the International Gold Star Award & Quality Award from BID Spain



CONDUCTORS

Super Performance for the New Superpower

Power and Distribution Transformers

Diamond Power's transformer division has been formed with the takeover of Western Transformers and Apex Transformers. This merger brings in over 4 decades of manufacturing and technical excellence. To further fuel growth in the division, fresh investments in technology, capabilities and capacities have been made. Our transformer range comprises of state-of-the-art power, distribution and dry-type transformers. It includes 11KV to 220KV, all the way up to 315MVA. Each of our transformers undergoes stringent type-testing, ensuring higher efficiency as well as reliability. We have successfully manufactured and type-tested transformers with ratings starting from 10 KV to 315 MVA, up to 220 KV class.



Product Range

Power & Distribution Transformers include:

- Power transformers up to 220KV, 315 MVA
- Distribution transformers up to 33KV, 2500 KVA
- Single phase track side transformers up to 145KV, 10 MVA
- Single phase track side transformers up to 145KV, 31 MVA
- Cast resin transformers up to 36KV, 3150KVA
- Current transformers up to 245KV
- Voltage transformers up to 72.5KV
- Vacuum circuit breakers up to 36KV, 2500 A, 40KA
- Dry type transformers

Production facilities and Approvals:

- Three fully-integrated facilities in Gujarat with in-house facilities for products such as core laminations, wire drawing, strip mill, winding as well as an in-house transformer oil refinery
- A world class dry-type transformer facility
- Over 50,000 installed transformers worldwide and an annual production capacity of 5000 transformers

Approvals, Certifications and Testing

- Our type-testing facilities of up to 1000 KV have been installed with a view to cover anticipated increased needs in the future
- Over 500 type-tests of several sizes done in laboratories all over the world
- Our R&D facilities have been certified by DSIR, Govt. of India and ISO 9001-2008

TRANSFORMERS

Super Strength for the New Superpower

A Tough Range of Transmission Towers

Our transmission towers have been designed to withstand the roughest of weathers. Sturdily built and technically superior in quality, these towers can perform in the most demanding of conditions. Not surprisingly, Diamond Power's transmission towers are empowering every corner of the country by delivering power efficiently and reliably.

Diamond Power, India's most diversified power T&D company has commenced production at its transmission tower facility.

Product Facilities

Our state-of-the-art facility is located at Village Vadadala, Taluka Savli, Dist. Vadodara. It has been designed to manufacture a wide range of transmission towers with a capacity of 48,000 MTPA.



TOWERS

Super Control for the New Superpower



LT & HT Panels, Control & Relay Panels

- Control & Relay panels
- MV or HT VCB Panels
- LT Panels
- Lighting Panels
- Junction Boxes



Super technology for the New Superpower



Isolators

- Current Rating: 400 Amps - 3150 Amps
- Voltage Class: 12kV - 245kV and 400kV
- Short Time Withstand Current Rating: Up to 40 KA for 3 Sec
- Centre Break/Double Break
- Without Earth Switch / With Single / Double Earth Switches
- Upright Horizontal, Vertical, Under-hung and Tandem Type
- Manual / Reduction Gear Box / Motor Operated Operating Mechanism with Remote Control Facility
- In accordance with IS and IEC Standards



ISOLATORS

The Power of Integration- Our Key to Growth

Turnkey Projects

Our turnkey services in the power T&D sector are the key to our growth. We not only conceptualize the project, but also take charge of the various stages of the project including planning, design and development, procurement, right up to

the erection and commissioning. This has made us the country's largest integrated power solutions provider. With our vast product range, we have an in-house control over 80% of the average EPC project cost.

Overhead Transmission Lines

One of our core focus areas is high voltage and extra high voltage transmission line projects. Our technical capabilities, financial viability and superior execution skills ensures cutting-edge project development and implementation.

Rural & Urban Distribution Projects

Our solutions also encompass rural and urban electrification and distribution projects; wherein we offer end-to-end services – right from project design to commissioning.

Substation Projects

Diamond Power also undertakes MV, HV and EHV substation projects. Here again, our technical, financial and managerial prowess allows us to configure a project that fulfils client demands.



EPC CONTRACTS

Distributors

Sr. No.	Dealer	Address	Contact Person	Contact No. & E-mail ID
1	Tulsi Electricals	Shop No - 2, Service Complex, Pandesara Char Rasta, Surat	Mr. Sanjay Bothra	+91 98251 98902 tulsi.ele@rediffmail.com
2	Tulsi Electrical & Hardware	Showroom No-4, Kundlas Complex, Nr. Basanti Baug, Sai Road, Baddi, HP	Mr. Anil Bothra	+91 98251 98901 tulsi.badi@gmail.com
3	Nexus Enterprises	11, Ashwamegh Wear House, B/h. Ujala Hotel, Sarkhej, Ahmedabad	Mr. Rushi Chudgar	+91 98250 22782 marketing@nexusent.in
4	G.C. Shah & Company	Galav Chambers, Sayajigung, Vadodara	Mr. Harish Shah	+91 93762 21743 gcs43@hotmail.com
5	Shree Dutt Enterprises	7/8 Shreeji Apartment, Harni Road, Vadodara	Mr. Prateek Joshi	+91 97251 15166 shreeduttbrd@yahoo.com
6	Rahul Cables Pvt. Ltd.	111, East Wing, 1st Floor, Aurora Tower, M.G. Road, Pune - 411001	Mr. Ashok Kukreja	+91 98220 22558 abk@rahulcable.com
7	Iseacon Power Infrastructures	Green Complex, Shop No. 5, Nr. Ghanshyam Nagar, Airport Road, Ahmedabad	Mr. Hans Aloria	+91 99980 01080 iseacon@rediffmail.com
8	Sunil Electric & Company	1862/2A Bhagirath Palace, Chandni Chowk, New Delhi - 110 006	Mr. Anil Jain	+91 98100 73446 sunil@trintrin.com
9	Hansa Electricals	Near Vishwakarma Mandir, GT Road, Miller Ganj, Ludhiana	Mr. J P Talwar	+91 98140 22367 hansa_ldh@yahoo.co.in
10	Jaideo Enterprises	K-6, Ashokamarg, Behind Telephonic Exchange, Jaipur, Rajasthan - 302001	Mr. A.C. Bhargava	+91 99822 00021 jaideoent@gmail.com
11	Vinayaka Electrix	Shop no. 2, Gangotri, Shopping Centre -2, Vasai Mumbai.	Mr. Yogesh V Nayak	+91 99672 78085 dvcable@vsnl.com
12	Joshica Enterprise	Tavawala Building, Room No. 147, 1st Floor, Lohar Chawl, Mumbai	Mr. Bhavaya Joshi	+91 22220 84355 joshica.ent@gmail.com
13	P K Jain & Associates	407-A, Goyal Nagar, Indore, MP	Mr. PK Jain	+91 99269 09852 pkjainasst@rediffmail.com
14	Swastika Electricals & Fertilizers	16, Kamala Bhavan, Moti Lal, Atal Road, Jaipur	Mr. Vinay Gupta	+91 98996 41902 swastika001@hotmail.com
15	Indian Cables & Electricals Pvt. Ltd.	S. No.261/3/1, A, Marunje Road, Tal. Mulshi, Hinjewadi, Pune	Mr. Suresh Jethwani	+91 98220 26270 suresh@indiancables.net
16	Thakurshroff Thakur Shroff & Electric Co.	475, Budhwar Peth, Near Pasodya Vithoba Temple, Pune	Mr. J D Thakur	+91 9371002437 tshroff@pn3.vsnl.net.in
17	Shree Ganesh Electrical	Lugadi Lane, Nr. Municipal Corporation office, Kolhapur	Mr. Balashaib Patil	+91 99234 58006 Shreeganeshelec@gmail.com
18	Jabalpur Power & Tech Pvt. Ltd.	No.1657 New Adarsh Colony, Behind Mehta Petrol Pump, Jabalpur (MP)	Mr. Manish Sinha	+91 93256 90089 jbpower77@yahoo.in
19	Aakruthi Engineering	Plot No. 87 Railway Colony, Sikh Road, Secunderabad	Mr. M.R.Moorthy	+91 94408 22379 aakruthiengg@gmail.com
20	B & B Engineering	Old No.28/1 New No 60, P V Koil street, Mylapur, Chennai - 600 005	Mr. N.Balamurugan	+91 944505 3377 bala@bandbengg.com
21	AB Pal Electricals	1826 Bhagirath Place, Chandni Chowk, Delhi	Mr. Davinder Singh	+91 98100 08081 abpal_jasmeet@yahoo.com
22	Garg Trading Company	Opp. Power House, Nr Ramlila Ground, Delhi Road, Meerut	Mr. Vijay Kumar Garg	+91 98370 38567 info@gtcmeerut.com
23	Electrical Energy Equipment	76, Mountain Rd, 1st Block East Jayanagar, Bangalore	Mr. N Aswanth Reddy	+91 98451 98633 aswath@eee-india.com
24	Green Electricals Pvt. Ltd.	GIDC, Makarpura, Vadodara	Mr. Bhavin Shah, Mr. Arpit Choksi	+91 98255 07585 arpit@greenelectricals.co.in bhavin@greenelectricals.co.in
25	Green Electricals Pvt. Ltd.	408, Baleshwar Avenue, Opp. Rajpath Club, S.G.Road, Bodakdev, Ahmedabad	Bhavin Shah, MV Dani Arpit Choksi	+91 99090 08700 mvdani@greenelectricals.co.in,
26	Desai Agencies	P - 66, M.I.D.C. Area, Kupwad - 416 436 C26 Dist. Sangli, Maharashtra	Mr. Hardik Desai	+91 9370333337/9822533337 kdgsangli@gmail.com
27	Super Agencies	426, F.I.E. Patparganj Industrial Area, Patarganj, Delhi	Mr. Priyank Agrawal	+91 98110 80646 superagencies@gmail.com
28	eNarayan Elex India (P) Ltd.	#203 tskchamber, Opp Ranigunj bus Depot, MG Road Secunderabad - 500 003	Mr. Chetan Ghia	+91 99482 93341 chetan@enarayan.com
29	Metro Electricals	Moti Mohan Complex, 75, Central Avenue, Nagpur - 440 018.	Mr. Rajesh Kriplani	+91 98225 70026 tkriplani@dataone.in
30	India-Cab	11/1, Takwadi, Opp. Edward Cinema, Kalbadevi Road, Mumbai - 400002.	Mr. Ajay Saboo	+91 98193 70555 ajaysaboo@gmail.com

Business Associates

31	Bitu Enterprises	98/14-15, 2nd Floor, Sagar Bhuvan, Lohar Chawl, Mumbai - 400 002	Mr. Bitu Rawal	+91 98210 33370 bitu.bituindia@gmail.com
32	DV Enterprises	147, Lohar Chawl, 9, Tavawala Building, 1st Floor, Mumbai	Mr. Dharmesh Sodha	+91 98201 48398 dvcable@gmail.com

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