Tough times never last....



DIAMOND POWER INFRASTRUCTURE LIMITED 23rd Annual Report 2014-15

Forward Looking Statement

In this Report, we have disclosed forward-looking information to enable investors to fully appreciate our prospects and take informed investment decisions. This report and other statements – written and oral – that we periodically make, contain forward-looking statements that set our anticipated results based on the Management's plan and assumptions. We have tried wherever possible to identify such statements by using words such as 'anticipate', 'estimate', 'expects', 'project', 'intends', 'plans', 'belives', and words of similar substance in connection with any discussion of future performance.

We cannot, of course, guarantee that these forward-looking statements will be realised, although we believe we have been prudent in our assumptions. The achievement of results is subject to risks, uncertainties and even inaccurate assumptions. Should known or unknown risks or uncertainties materialise, or should underlying assumptions prove inaccurate, actual results could vary materially from those anticipated, estimated or projected. Readers should bear this in mind.

We undertake no obligation to publicly update any forward-looking statements, whether as a result of new information, future events or otherwise.



www.diatron.in

Tough times never last...

The cover of the annual report 2014-15 indicates the impending resurgence in the Indian Power Sector. We believe that the capital investment cycle is on the verge of take-off and our company will lead the growth wave going forward.



It's easy to be swayed by the unexpected downfalls, inordinate delays or waiting for the tides to turn your way. It's easy to wait for things to change. It's easy to sit quietly till the storms have exhausted their wrath. However, feeling comfortable has seldom helped anyone to do anything worthwhile.

On the other hand, it is hard to rise up and be tested. It's hard to continue taking strides forward, despite the incoming storm. It's hard to keep pushing and building the next resistance, despite the dwindling sentiments. It's hard to be persistent when it comes to maintaining quality and customer relations in wake of ever-growing input costs and elongated receivables cycle.

The tough times do tend to last forever, unless they are outlasted.

The past two years have been such tough times for the power industry as well as for the company. The quest to changing the course or turning the tide led us to be more persistent and in fact more focused to define our edge in a competitive industry. The numbers sometimes don't reflect the efforts and fruits that one associates with the concept of success. 2014-15 was one such year – where the huge efforts led to muted success, albeit immensely valuable. By the end of the year, we stand as a stronger, agile and growth-ready company. The tough times didn't last. We outlasted it.

Strong foundation of the past.

INTEGRATED BUSINESSES

- · India's only and fifth in the world to manufacture EHV cables
- Among the few integrated companies in the Power transmission and distribution, having presence across the value chain.
- Among the five largest cable manufacturers in India
- Among the three largest conductor manufacturers in India
- Among the fast-growing transformers manufacturers in India

SMALL STEPS CONQUER GREAT DISTANCES

- 1970 : Established operations
- 1971 : Established a Conductor Manufacturing unit
- 1995 : Setup an LV Cables Manufacturing unit
- 1999 : Setup an Aluminum Rod Mill
- 2006 : Setup the EPC Business

- 2007 : Acquired Western Transformers Acquired substantial stake in Apex Electricals Ltd.
- 2008 : Setup HV Cables manufacturing unit up to 132 KV
- 2010 : Capacity Expansion of LV & HV Cables units
- 2011 : Setup EHV Cables Manufacturing up to 550 KV Setup Transmission Tower unit

2012 : Acquired strategic stakes in Utkal Galvanizers and Maktel Control & Systems Acquired controlling stake in Danke Controls

> Commenced production of Power Transformers and control & relay panels Successfully commissioned 6.3 MW of wind energy at Jamanwada, Kutch

2013 : Acquired strategic stake in M/s Maktel Control & Systems, India's leading power and control panel manufacturer

Successfully established Ultra High Voltage Cable Testing Laboratory, a first of its kind in India having a capability to 500 KV capacity

Rebranded our range of wires and cables as Diatron

2014 : Successfully commissioned the first phase of ambitious expansion program for 3000 kms of MV cables and 50,000 MTPA of conductors in February 2014

Stepping stone to the future.

OUR PRODUCTS AND CAPACITIES

POWER	EPC SERVICES	SPECIAL PROJECTS
 Conductors upto 765 KV Transformers (Power and Distribution) upto 220 KV Cables (Low Tension, High Tension and Extra High Voltage) upto 550 KV Transmission towers Relay control panel Unitised substations 	Plan, design and commission power turnkey transmission and distribution projects	Customisation and execution of: Overhead transmission line projects Substation projects Rural & urban distribution projects Cable testing facility up to 500 kV

PRODUCTS	EXISTING CAPACITIES PER ANNUM
Bods	
Rods	
Aluminum and alloy rods	32,000 MT
Conductors	
Alloy and ASCR conductors	50,500 MT
Power cables	
LV XLPE Power & Control cables	34,300 KMS
MV cables up to 66 KV	5,600 KMS
Specialty cables	3,500 KMS
High tension cables up to 132 KV	2,800 KMS
EHV cables 220-550 KV	
	2,500 KMS
Power transformers	
40-315 MVA up to 220 KV	7500 MVA
5-40 MVA up to 220 KV	2500 MVA
Distribution transformers	
Up to 5 MVA	2500 MVA
Transmission towers	48,000 MT

OUR BRANDS

DIATRON

APEX (TRANSFORMERS)

CERTIFICATION

ISO 9001:2008

ISO 14001

100+ Distributors across 16 Indian cities

2000+ employees as on March 31, 2015

Rs. 203+ crore of market capitalization; Listed on BSE (522163) and NSE (DIAPOWER)

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KNOW OUR BUSINESSES

In the past four decades, we have evolved into a fully Integrated Power Infrastructure Solutions Company

At present your Company is generating revenues from Cables, Conductors, Transformers, Transmission and EPC Contracts. Company provides to its customers, numerous ranges of products in terms of best quality and ensures them optimum satisfaction level. We are glad to give you a brief look on the wide array of product range offered by our Company:

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

- LV (1.1KV) grade aluminum/copper, armored/ unarmored, 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.





Production Capacities

Our key equipment suppliers include global leaders such as Scholz, Nokia-Maillefer 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
- ۲ EHV cables (220KV & above): 2500 KMPA

Approvals, Certifications and Testing

- ISO 9001-2008 Certified
- 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



In addition to the above wider range of Cables, your Company took toddler steps to enter into the market of flexible wires, multi core cables, and special instrumentation and automation cables for domestic and industrial purpose with the brand name of DIATRON.

DIATRON Flame Retardant Cables are made of Electrolytic grade, bright plain annealed copper conductor, as per IS:8130-1984. These cables are suitable for all Industrial & Domestic wiring applications.

The cables have high oxygen and temperature index and insulation of Flame Retardant- FR PVC compound, giving it additional safety. The cables have twin coating giving it superior insulation. Further the wires have uniform diameter and are available in standard lengths.

DIATRON flexible wires are made of bright, plain multi-stranded annealed copper conductor, as per Class 5 of IS 8130: 1984 with PVC insulation. These wires are used for all industrialwiring applications and are available in single and multi cores in standard lengths.

CONDUCTORS

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

- 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

Production Capacities

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

Approvals, Certifications and Testing

- 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

TRANSFORMERS

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 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
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- Dry type transformers



Diamond Power Infrastructure Limited

Production facilities and Approvals

- Three fully-integrated facilities in Gujarat with inhouse 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
- ۶ Our R&D facilities have been certified by DSIR, Govt. of India and ISO 9001-2008





TRANSMISSION TOWERS

A Thorough 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 Phase II, 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.

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 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 ensure a cuttingedge 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 fulfills client demands.



Managing Director's Speech

...The beginning is always the hardest.

Dear Shareholders,

2014-15 was among the most testing years since our inception. Having seen our fair share of downturns, we are certain of one thing – times change. However, we continued to do what we do best - make the change instead of waiting for it. But in doing so, the adversities were much higher than anticipated. The Indian economy, which had a long road to recovery, started moving, but lacked momentum. Being at the middle of investment cycle, our high leveraging coupled with lack of new orders and longer receivables cycle, led an adverse impact on our fiduciary condition. Having built an integrated business model, comprising of scale, diverse products and flexible production capability, we were to a large extent able to fend off major repercussions emanating from economic and business slow down. We also used the downturn yet again to strengthen our processes, systems and businesses. We are confident that the impact of the same will be more visible with the impending upturn in the economy in the coming months.



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We have always believed that the night is darkest when the dawn breaks. The year was full of landmarks and milestones for the country as well as the economy. Never before in the history of democratic India, did we witness the rise of a leader such as our Hon. Prime Minister, Shri Narendrabhai Modi. Having taken over the reigns of a fledging economy, Shri Modi has been persistent to try new initiatives, garner public awareness and push his vision for sustained development across the country and relevant international platforms. However, the beginnings are always the hardest. The year 2014-15 was also a year of new beginning for us at Diamond Power. Ever since the company's inception, Shri SK Bhatnagar, founder and Chairman, has been the driving force of the company. In his leadership that spanned more than four and a half decade, the company has evolved from a small entity to a globally renowned integrated power solutions player. He has not only served the company with great resolve, but more importantly has helped create a superior team which has largely remained intact as well as shared his vision for growth and sustained excellence. Owing to his age, Shri Bhatnagar has vacated the Chairman's position and will now guide us through his advisory position on the company's Board. I am well aware that his shoes are too large to be filled by me, but being with the company since past twenty five years makes me confident to further drive his vision to greater glory.

Future is promised to no one and therefore belongs to people who are ready to create it. At Diamond Power, we have built a well-integrated company with leadership across product and solutions of presence. Our no-compromise policy on quality and penchant for offering world-class engineered products to our customers each time has helped us carve a respected brand. We have ensured our pace with technology and research by investing into specialized products and research infrastructure. Our scale of operations have enabled us to deliver superior solutions are competitive cost, thereby enabling us to expand to newer global markets. I am sure we would come out much stronger in a couple of years. The turnaround has started to become visible in the first quarter of 2015-16. The resolve of the Indian government to infuse a double-digit growth has taken off but still has some time to gain strong momentum. Power being at the core of any economic activity or program will be among the first sectors to rejuvenate.

The vision of the Hon. Prime Minister encompasses programs like Make in India, Digital India and Smart Cities. The need for efficient power infrastructure solutions will be among the basic investments. Having built a strong product line and reputation as a one stop shop, we at Diamond Power Infrastructure believe that its time to start a new journey. Towards greater heights. Towards better solutions. We remain committed to the vision of our founder and are focused to deliver. For the tough times never last; tough people do.

I would like to thank, all our shareholders, for your trust and your wholehearted support.

Shri Amit Bhatnagar Managing Director