# tdps is relations

May 31, 2016

The Corporate Service Department **BSE Limited**P J Towers, Dalal Street
Mumbai - 400001

The Listing Department

The National Stock Exchange of India Limited

Exchange Plaza, Bandra- Kurla Complex

Bandra (East)

Mumbai 400051

Sirs,

Sub: - Intimation of Analyst /Institutional investors meet

Pursuant to regulation 30 of the SEBI (Listing Obligations & Disclosure Requirements) Regulations 2015 we give below the schedule of Investor meetings for information:

Date	Particulars	Meeting
June 3 2016*	Annual investor conference -B&K	Group/one -on -one
	Securities Pvt Ltd.	

<sup>\*</sup> subject to change if any.

Please take the same on record

Thanking you

For TD POWER SYSTEMS LIMITED

N. Srivatsa

Company Secretary

**TD Power Systems Limited** (CIN -L31103KA1999PLC025071)

REGISTERED OFFICE & FACTORY: 27, 28 and 29, KIADB Industrial Area Dabaspet, Nelamangala Taluk Bengaluru Rural District Bengaluru – 562 111 India

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# TD POWER SYSTEMS LIMITED March 2016

tdps<sup>™</sup>

# Company Presentation













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# **COMPANY OVERVIEW**



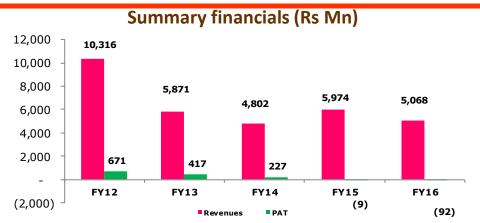




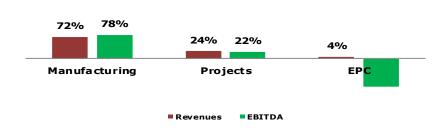


# tdps is power

- Incorporated in 1999, TD Power Systems is one of the leading manufacturers of AC Generators for a diverse range of prime movers with output capacity in the range of 1 MW to 200 MW and as of March 31, 2016 has supplied 2,990 generators with an aggregate output capacity of over 22,849 MW.
- ❖ Also undertakes execution of Power Projects and has till date, executed 121 projects aggregating 3,214 MW
  - Turbine Generator ('TG') island projects for steam turbine power plants up to 52 MW, and;
  - Engineering, Procurement & construction ("EPC") of steam turbine power plants with output capacity up to 150 MW through its subsidiary, DF Power Systems Pvt Ltd
- Has in-house technology for manufacturing generators up to 55 MW
- Granted license to GE, USA to manufacture generators for the Brazilian market, and on co-manufacturing basis for other countries in Central & South America
- As on March 31, 2016 the total outstanding order book stood at ~Rs. 3,751 million
- Promoted by Mr. Nikhil Kumar, Mr. Hitoshi Matsuo and Mr. Mohib N. Khericha, Mr. Nikhil and Mr. Hitoshi have extensive experience in the manufacturing and project businesses in the power sector in India and overseas



#### **Business segments (FY16)**



Segmental revenues without inter-segment elimination EBITDA – Earnings Before Interest, Taxes, Depreciation, Amortization, including Other Income

### **MILESTONES**



	000	
1	999	

Company was incorporated

2001

Technical Assistance, License and Transfer Agreement with Toyo Denki up to 30 MW for Steam Application

2007

Granted License to General Electric Company under a Technology License and Technical Assistance Agreement

2008

> Purchase Framework Agreement and License Agreement with Siemens AG

2009

Product Development Cooperation and Manufacturing Agreement with Voith Hydro Holding GmbH for jointly developing electrical generators

2011

> IPO of TDPS

2012

License & Supply Framework Agreement with Siemens AG for 2 Pole Generators in the range of 74 MVA to 250 MVA,

Commissioned second manufacturing facility in Nov 2012.

2013

Established Wholly Owned Subsidiaries at Ohio, USA and Tokyo, Japan

2014

Commissioned Manufacturing facility for large generators in April 2014

2016

Established Wholly Owned Subsidiary in Germany.



# **BUSINESS STRUCTURE**



### **BUSINESS STRUCTURE**



TD Power Systems
Ltd (TDPS)

AC Generator manufacturing up to 200 MW  For prime movers such as steam turbines, gas turbines, hydro turbines, wind turbines and diesel and gas engines

 Technology tie ups with international power equipment manufacturers Manufacturing \*

TG island projects up to 52 MW (Projects) Turbine-Generator ('TG')
 Projects – using Japanese turbine with TDPS Generators

Wholly owned subsidiary

DF Power Systems
Pvt Ltd
(DFPS)

EPC of Steam Turbine Power Plant Projects ( Upto – 150 MW)  Engineering, Procurement & construction ('EPC') of steam turbine power plants **Power Projects** 

<sup>\* -</sup> Excludes sale of generators manufactured in India and sold to branch office in Japan which are included as a part of the Power Projects business



# **BUSINESS SEGMENTS**



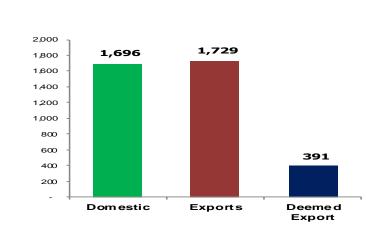
### **BUSINESS SEGMENT: MANUFACTURING**



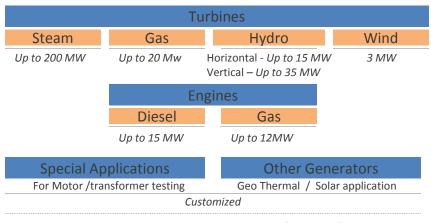
#### **Business highlights**

- One of the leading manufacturers of AC Generators in the range of 1 MW up to 200 MW for prime movers such as steam & gas, and upto 52 MW for hydro, wind turbines, diesel and gas engines.
- 2,990 generators supplied as of March 31, 2016 with an aggregate output capacity of over 22,849 MW in 72 Countries.
- Three manufacturing facilities in Bangalore equipped with the latest technology.
- Our generators have been approved by leading engineering consultants.

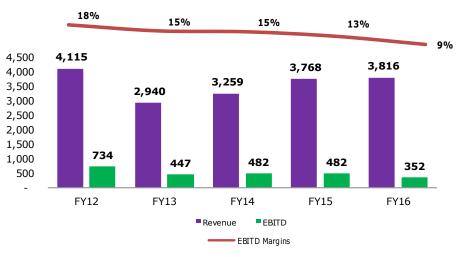
#### Revenue Analysis FY 16 (Rs. 3,816 Mn)



#### **AC Generators for various applications**



#### **Key Segment Financials (Rs Mn)**



Segmental revenues without inter-segment & inter-company elimination. Segmental EBITD margins is on consol levels after adjusting income/expenses of wholly owned subsidiary. EBITDA – Earnings Before Interest, Taxes, Depreciation, Amortization

### State of the Art Manufacturing Facilities and Cost Efficient Production



# Manufacturing units with advanced machines help in delivering competitively priced products with the highest quality standards

ISO 9001:2008 compliant manufacturing units in Bangalore

















**Unit I Factory** 



**Unit II Factory** 



**Large Generator Factory** 

#### Unit I - 157,624 sq ft

Core building, Coil making, Winding & Machining Impregnation and curing Balancing Final assembly and testing Material Handling & General Facilities Power House R&D Centre Quality lab and instruments

#### Unit II - 219,756 sq ft

Core building, Coil making, Winding & Machining Impregnation and curing Balancing Final assembly and testing Material Handling & General Facilities Power House R&D Centre Quality lab and instruments

#### Large Generator Factory – 78,449 sq ft

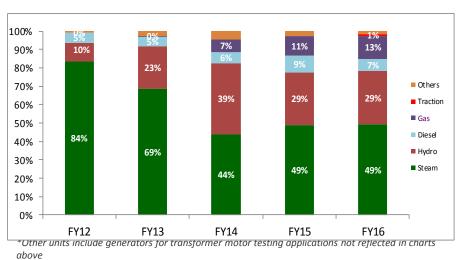
Core building, Coil making, & Winding Impregnation and curing Final assembly and testing Material Handling & General Facilities Power House (Common with Unit 2) R&D Centre (Common with Unit 2) Quality lab (Common with Unit 2) and instruments

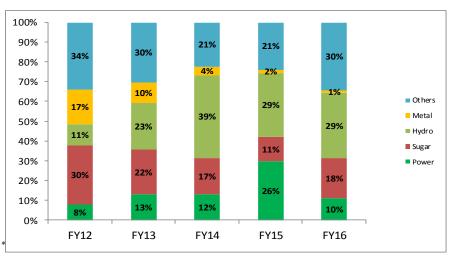
# **BUSINESS SEGMENT: MANUFACTURING**



**Product-wise sales (%)** 

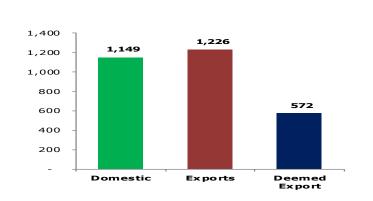


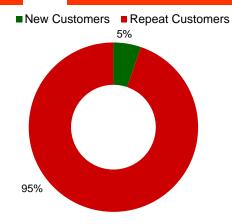


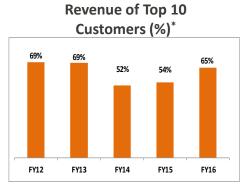


Pending Order FY16 (%) (Rs. 2,947 Mn)

**Customer Profile FY 16 (%)** 







\* Of Restated Consolidated Net Sales



# **STRENGTH & GROWTH STRATEGY**



# **KEY STRENGTHS**



- ➤ Leading manufacturer of AC Generators with diversified product portfolio
- > Technology ownership, relationships and in-house design expertise
- > State of the art manufacturing facilities and cost efficient production
- > Diversified Product portfolio across industry
- Customer centric approach with the ability to customize
- > Skilled senior management and technical team

### **BUSINESS SEGMENT: PROJECT BUSINESS**



#### **Business highlights**

- TG Projects for steam turbine power plants with output capacity of up to 52 MW done under TD Power Systems Ltd
- DF Power Systems Private Ltd, a wholly owned subsidiary, executes EPC projects for steam turbine power plants with output capacity up to 150 MW
- Executed 121 projects aggregating 3,214 MW in India and abroad (108 TG island projects and 13 BTG island projects)
- Experienced teams with established track record and reputation for efficient project management
- Power Projects order book as on March 31st, 2016 stands at Rs. 804 Mn (98% in TDPS, 2% in DFPS)

#### TG Projects including Japan WOS - Key Segment Financials (Rs Mn)

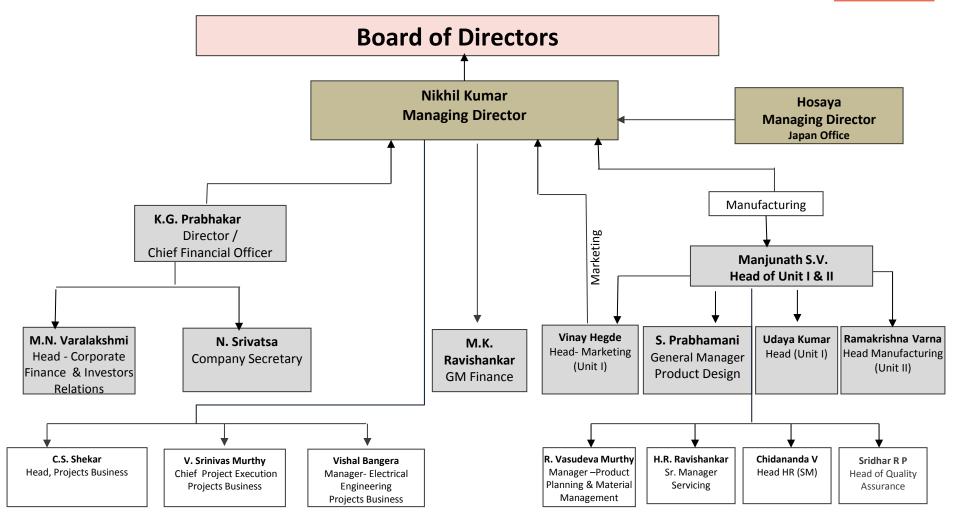
#### **EPC Projects – Key segment Financials (Rs Mn)**



Segmental revenues without inter-segment elimination, including Japan subsidiary EBITDA – Earnings Before Interest, Taxes, Depreciation, Amortization

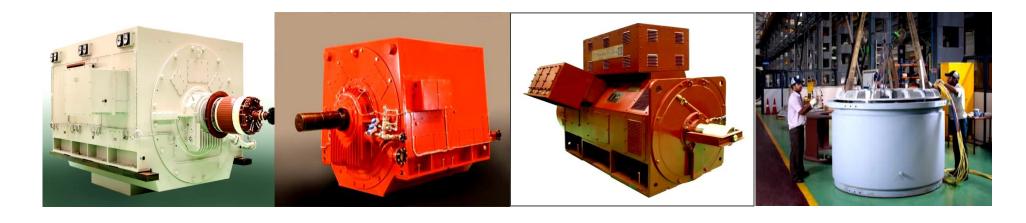
### **Managerial Organization Structure**







# **MANAGEMENT TEAM**



#### **Board Of Directors**

# Nikhil Kumar Managing Director B.E - REC Karnataka, General Management Harvard Business School

- Over 22 years of work experience in manufacturing business of electrical rotating machines
- Responsible for overall management of operations, strategic planning, technology alliances and sales and marketing. Prior to this he has worked in Kirloskar Electric Company

# Mohib N. Khericha Non-Executive Chairman B.Com, Chartered Accountant - ICAI

- Over 42 years of work experience in capital structuring, restructuring, financial management and loan syndication before venturing into merchant banking in the year 1994
- Currently, also the MD of Chartered Capital And Investment Ltd

#### Nandita Lakshmanan Independent Director M. Arts in English Literature – Delhi University

- Over 12 yrs of work experience in PR consultancy
- Currently heads the knowledge forum at Public Relations Consultants Association of India

# Nithin Bagmane Independent Director B. Arts – St Josephs College, Bangalore

- Over 22 yrs of work experience in business and industry
- Currently manages a SEZ for IT activity in Bangalore

#### Dr. Arjun Kalyanpur Independent Director MBBS – AIIMS

- Over 12 years of work experience in diagnostic radiology and internal medicine
- He is also an assistant clinical professor at Department of Diagnostic Radiology at Yale University School of Medicine

#### Mr. Ravi Mantha Independent Director BA, Chartered Financial Analyst

- An author, social entrepreneur, angle investor, & corporate advisor. As a portfolio manager for over a decade, he co-managed select global equity portfolios.
- Chairman & President, of TiE Singapore Chapter, & a trustee of TiE global, global network of entrepreneurs.

# K G Prabhakar Director / Chief Financial Officer B.Com, Chartered Accountant - ICAI

- Over 30 years of work experience in accounting, corporate finance, and tax management.
- Responsible for Accounting, Financial and tax management of the Company and Group.

### **Senior Management Team at TDPS**



# N. Srivatsa

Company Secretary B.Com, Company Secretary - ICSI

- Over 22 years of work experience in corporate legal, banking and secretarial practice areas.
- Responsible for all the secretarial, legal and compliance matters of the Group.

#### M N Varalakshmi

Head - Corporate Finance B.Com - Pune University, Cost Accountant - ICWAI

- Over 20 years of work experience in cost and financial accounting.
- Responsible for Accounts of Unit, Financial Management, Taxation of the company and Group and investors Relations.

#### Manjunath S. V

Head - Manufacturing B.E Bangalore University, MBA, Central College, Bangalore

- Over 30 years of work experience in the manufacturing industry.
- Responsible for manufacturing operations.

# S. Prabhamani

Head – Product Design M.Tech- IIT Delhi

- Over 29 years of work experience in product design.
- Responsible for product design and engineering.

# Vinay Hegde

- Head Marketing B.E - NMAIT, Mangalore
- Over 20 years of work experience in marketing of generators and power plants.
- Responsible for business development and sale of generators, power plants

#### Ramakrishna Varna

Head-Manufacturing (Unit II) BE - Bangalore University, MBA -Central College, Bangalore

- Over 20 years of work experience in the manufacturing industry.
- Responsible for Manufacturing Operations of Unit II.

#### **Udaya Kumar**

Head-Manufacturing (Unit I) BE - BMS College. MBA - Bangalore Unicersity

- Over 25 years of work experience in in Procurement and Project Management
- Responsible for Manufacturing Operations of Unit I.

#### Sridhar R P

**Head-Quality Assurance** BE - BMS College.

- Over 17 years of experience in Quality Assurance of electrical machines.
- Responsible for Quality Assurance of Unit -I and II..

### **Senior Management Team at DFPS**

M K Ravishankar GM Finance -Subsidiary M.Com - Mysore University

- Over 30 years of work experience in finance and accounts.
- Responsible for accounts and administration of DFPS and investors relations of TDPS.

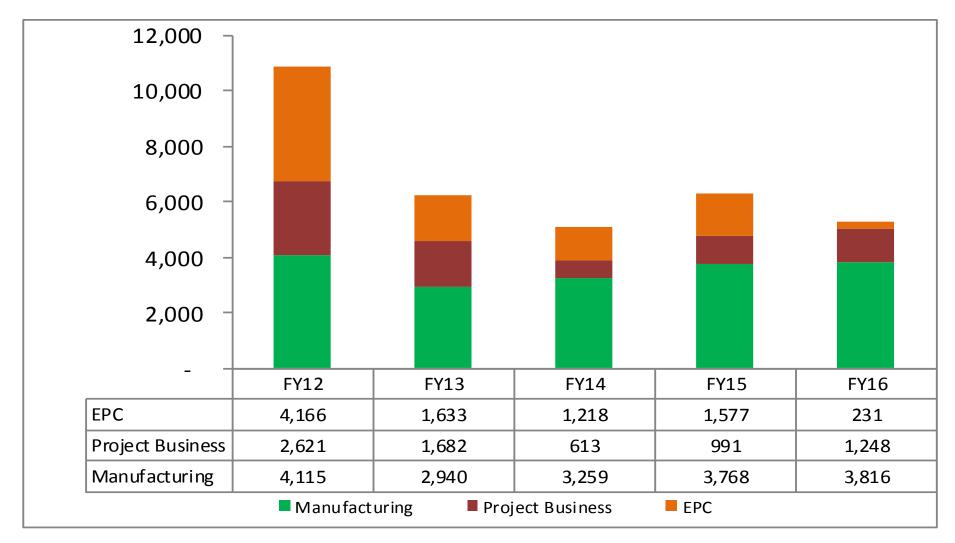
C S Shekar Head Mechanical Engineering Group I Power Projects-Subsidiary BE - Gulbarga University

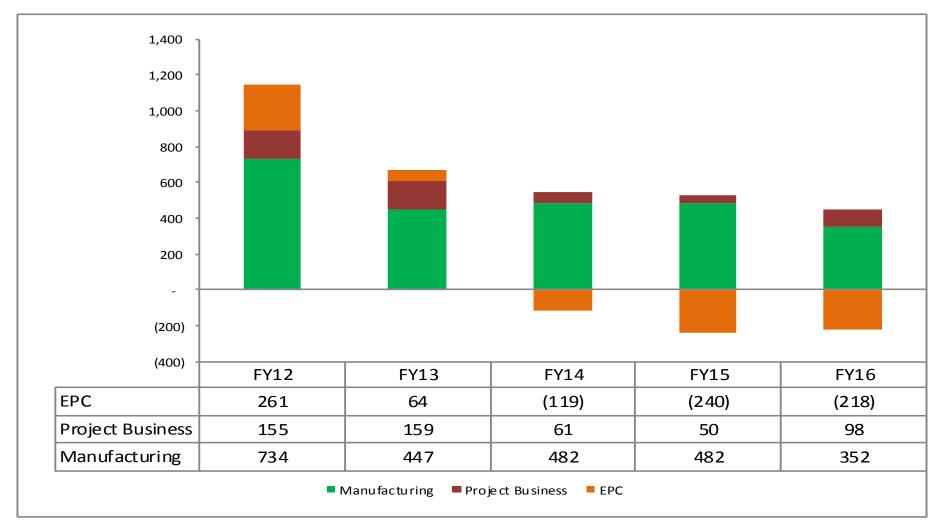
- Over 20 years of work experience in system and mechanical engineering.
- Overall Responsible for power projects business.

# **Financial Track Record**

#### Segmental Revenues Consolidated (Rs Mn)

Consolidated





# P & L Snapshot

#### Consolidated

Rs Mn	FY12	FY13	FY14	FY15	FY16
Sales	10,316	5,871	4,802	5.974	5,068
EBITDA	919	495	198	141	67
Depreciation (incl. Amortization)	91	124	150	288	288
EBIT	827	371	49	(147)	(221)
Other Income	224	308	341	245	202
Interest and Finance Charges	66	34	36	40	50
PBT	986	644	354	59	(69)
Tax	326	227	126	68	23
Restated PAT	671	417	227	(9)	(92)
Minority Interest	0	0	0	0	0
Restated PAT after minority interest	671	417	227	(9)	(92)
EBITDA margin (%)	8.6%	8.4%	4.1%	2.40%	1.32%
PAT margin (%)	6.1%	7.1%	4.7%	(-0.2%)	(-1.8%)

# **Balance Sheet Snapshot**

	Consolidated					
_	As on					
Rs Mn	Mar-12	Mar-13	Mar-14	Mar-15	Mar-16	
Source of Funds	5,035	5,348	5,851	5,691	5,162	
Net Worth	4,603	4,941	5,076	4,940	4,733	
Minority Interest						
Borrowings	346	270	630	574	276	
Deferred Tax Liability	85	137	146	177	153	
Uses of Funds	5,035	5,348	5,851	5,691	5,162	
Gross Block	1,641	2,447	2,788	3,542	3,681	
Less :- Depreciation	326	449	594	876	1,136	
Net Block	1,315	1,998	2,194	2,667	2,545	
CWIP	126	162	540	-	7	
Technical Knowhow	-	-	-	49	37	
Net Working Capital incl. cash	3,593	3,188	3,117	2,975	2,574	
Current Assets	7,413	6,259	6,946	6,245	5,340	
Inventories	830	530	863	760	881	
Sundry Debtors	2,402	1,778	2,218	1,551	1,552	
Cash and Bank Balances	3,022	2,905	2,404	2,721	2,258	
Loans & Advances	1,159	1,046	1,461	1.212	648	
Current Liabilities	3,676	2,938	3,680	3,095	2,567	
Provisions	144	133	149	175	200	

# **Order Book**

	As at March 31st 2016		
	Value (Rs. Mn)	Quantity	
Manufacturing	2,946.65	227	
Domestic	1,720.85	145	
Export*	1,225.80	82	
Projects Business (Including Japan WOS)	788.60		
Domestic (Including Japan WOS value of Rs. 96.61 Million)	788.60	2	
Export	-	2	
EPC Business	15.70		
Domestic	15.70	0	
Total	3,750.95	229	

The value of our order book may not necessarily indicate what our actual sales will be

<sup>•</sup>includes orders for AC Generators placed through our branch office in Japan

# tdps

# **THANK YOU**



