

Department of Heavy Industry for the month of December, 2010

Bharat Heavy Electricals Ltd. (BHEL)

Up to December 2010, the company has achieved a turnover of Rs 24,250 Crores, a growth of 21 % with respect to corresponding period last year. This includes a provisional turnover of Rs. 3158 Crores achieved during the month.

• Order booking:

Up to the month of December 2010, orders worth Rs.37,179 Crores have been booked which include orders worth Rs. 874 Crores booked during the month. Business Sector-wise Order booking are as follows:

- Power sector has booked orders worth Rs.28,127 Crores upto December 2010, During the month orders worth Rs.360 Crores were booked.
- Order booking in Industry Sector has reached Rs.6,924 Crores upto December 2010, During the month orders worth Rs.513 Crores were booked which include:
 - Order for 66 sets of AC EMU Electricals (Conv.) from ICF, Chennai
 - 1x180 TPH AFBC (Atmospheric Fluidized Bed Combustion) Boiler Package from Jindal Steel & Power Limited, Orissa
 - Orders for three Solar Power Projects of 2 MW each from Citra Real Estate Limited Maharashtra, Priapus Infrastructure Pvt. Ltd. Uttar Pradesh and Sepset Constructions Limited Maharashtra.
 - International Operations has booked orders worth Rs. 2128 Crores up-to December 2010,

Significant Milestones:

- In power sector, major milestones achieved during the month include Capacity addition of Korba Unit-7 (500MW Thermal) of NTPC and UNIT-5 (1 X 210 MW) of Rayalaseema TPP, Stage-III of APGENCO. With this a Total capacity addition of 4258 MW has been achieved up-to December 2010 (i.e. in 9 months) as against 4095 MW achieved during the entire year of 2009-10. In addition 3 more sets

(totaling 875 MW) have been synchronized and awaiting inputs for full load operation.

- In Industry sector, major achievements during the month include
 - Successful completion of Full loading of Unit-1 &2 of “2xFr5 GTG + 2x100TPH HRSG” of IOCL Gujarat
 - Synchronisation & Full Loading of Unit-2 Dariba (2x80 MW BTG) of Hindustan Zinc Limited
 - Full load operation (27 MW in condensing mode) of BORL BINA -CPP Unit 2. Unit 3 Turbine rolling also achieved on 31.12.2010._
 - Synchronization of 1x28 MW STG of Krishnaveni Sugars
- In overseas market, the major achievements during the month include Completion of Erection and commissioning of all 16 nos. transformers in Myanmar.

- **R&D:**

BHEL spent around Rs.85 Crores on R&D initiatives during December 2010, and 23 Patents/ Copyrights have been filed during the month. The significant R&D achievements are as follows:

- Developed indigenous design of a new product variant and indigenous source of Steam Throw Device (STD) for Condenser for LP bypass system for 600 MW TG sets.
- Developed a new design of ESP & Bag filter for 1000 MW for addressing export tender requirement.
- Developed a new product variant for 1600 kW, 11 kV, 4 Pole Slip ring Induction Motor.
- Established the procedure and assimilated the knowledge for “DLN (Dry Low NOx) Tuning of the first of large 9FA advanced class Gas turbines.
- Development & testing of 16.5 m tall Collecting electrodes for ESP.

MOU/JV:

- Technical collaboration agreement (TCA) with Vogt Power International Inc. for Waste Heat Steam Generator executed on 13.12.2010

Awards & Appreciation:

- BHEL has won the prestigious “**SCOPE Excellence Award**”. The Gold Trophy was presented by Hon’ble Prime Minister of India to CMD BHEL in the Award Presentation Ceremony ‘SCOPE Award for Excellence, Outstanding contribution to the Public Sector Management’ and ‘MOU Award for Excellence in Performance’ on 15th December, 2010 at Vigyan Bhawan, New Delhi.
- BHEL has received the ‘IEI Industry Excellence award 2010’ for Overall Business Excellence & Industry Practices from The Institution of Engineers (India). The award was received by CMD, BHEL at Kochi on 18th December 2010.
- BHEL’s Hyderabad unit has received Safety Award instituted by Institution of Engineers during **Safety Convention 2010** held at Delhi on 28.12.2010. CMD BHEL received the award from Sh. Rakesh Mehta, Chief Secretary, Govt. of NCT of Delhi.

Other Significant Events:

- BHEL participated in ADNUTECH-2010 (Advances in Nuclear Technology) Conference and Exhibition at Nabhikiya Urja Bhavan, Mumbai during December 2- 3, 2010.
- BHEL participated in India Electricity 2010 event organized by FICCI together with Ministry of Power, during December 9-12, 2010 at Pragati Maidan, New Delhi.
- BHEL participated in SAARC Trade Fair 2010 at Kathmandu, Nepal during December 15-19, 2010.

II NTPC-BHEL Power Project Pvt. Ltd.

- NTPC-BHEL Power Projects Private Limited which is a Joint Venture Company

of NTPC and BHEL on 50:50 basis, has commenced civil activities at the project site in Mannavaram, Andhra Pradesh. NIT for plant & machinery has been floated. Action has been initiated for floating of tender for small and miscellaneous equipment worth Rs 20 Cr by march, 2011. NBPPL is presently executing two projects, one in Palatana in Tripura for Balance of Plant (BOP) and one at Namrup Thermal Power Station in Assam for civil work and BOP. Further orders from NTPC, BHEL and other Customers are awaited. The company is in the process of finalizing technology tie ups in the areas off Ash Handling Plant; Coal Handling Plant and system; Turbine and Generator; Boiler etc with various foreign technology partners.

II Capital Goods Sector

- The EFC Note on the subject of Scheme for Enhancement of Competitiveness in the Indian Capital Goods Sector was sent to Department of Expenditure vide this Department's D.O. letter No 9/17/2004-HE&MT dated 20.10.2010. EFC meeting was scheduled on 15.12.2010. EFC meeting is likely to take up the scheme in the near future.

III Auto Sector

- The 1st Meeting of EFC on the Cost Escalation Proposal of NATRIP was held on 15.12.2010 at Department of Expenditure, Ministry of Finance. During the EFC meeting, certain points needing additional clarifications had emerged. These details have since been compiled and sent to Department of Expenditure on 28.12.2010 with a request to hold the 2nd meeting of EFC on this proposal at the earliest. Meeting was held last week. Proposal has been cleared by EFC.

IV Performance of major PSEs

A brief tabular statement on the performance of some of the major PSEs under the Department of Heavy Industry is enclosed at Annex-I. The production of these companies' during April-November 2010 was 19.20% higher as compared to corresponding period last year.

Annex-I

Department of Heavy Industry

Performance of major PSEs of DHI during April-November 2010

S.No.	Name of PSE	Production (Rs. Crore)			Profit(+)/ Loss(-) (PBT) Rs. Crore
		April-Nov. 2010	April-Nov. 2009	Growth % age	April-Nov. 2010
1.	Andrew Yule & Co. Ltd.	175.13	144.90	20.86	16.60
2.	Bharat Heavy Electricals Ltd. (BHEL)	21072.00	17391.00	21.17	3603.00
3.	Bharat Pumps & Compressors Ltd	129.29	165.14	-21.71	12.81
4.	Richardson & Cruddas Ltd.	88.93	163.03	-45.45	-20.22
5.	Heavy Engg; Corpn. Ltd. (HEC)	426.70	310.78	37.30	6.95
6.	HMT Ltd. (hold.) Co. Ltd.	116.87	106.41	9.83	-52.32
7.	HMT Machine Tools Ltd.	102.22	105.10	-2.74	-51.61
8.	Instrumentation Ltd.	157.78	196.65	-19.77	-29.39
9.	Scooters India Ltd.	108.11	87.29	23.85	-14.07
10.	Cement Corporation of India Ltd.	176.90	220.30	-19.70	9.39
11.	Hindustan Paper Corpn. Ltd.	345.09	364.73	-5.38	-86.45
12.	Hindustan Newsprint Ltd. (HNL)	198.81	150.56	32.05	-2.92
13.	Engg. Projects (India) ltd. (EPI)	631.13	538.46	17.21	11.18
14.	Bridge & Roof Co. Ltd.	842.82	669.71	25.85	38.46
	Total	24571.78	20614.06	19.20	3441.41

Note : Companies with average monthly production/turnover exceeding Rs. 10 crores have been regarded as major PSEs