

## **The Department of Heavy Industry for the month of November , 2010**

### **I Bharat Heavy Electricals Ltd. (BHEL)**

The company has achieved a turnover of Rs. 21,092 Crores up-to November, 2010, an achievement of 21.38 % with respect to corresponding period last year.

This includes a provisional turnover of Rs. 2884 Crores achieved during the month.

#### **Order booking:**

- Up-to the month of Nov'10 orders worth Rs. 36,305 Crores have been booked which include orders worth Rs.2,717 Crores booked during the month. Business Sector-wise Order booking are as following:
  - Power sector has booked orders worth Rs. 27,767 Crores as on November, 2010. During the month orders worth Rs.197.40 Crores were booked which include Orders for Spares and contracts of Services after sales worth Rs.111.71 Crores.
  - Order booking in Industry Sector has reached Rs. 6,411 Crores up to Nov'10. During the month orders worth Rs. 544 Crores were booked which include Order for 1 no. Super Rapid Gun Mount (SRGM) from Goa Shipyard Ltd; 1x50 MW STG from India Cement,Vishnupuram,AP; O&M contract of 1 MW Solar power plant from LED, Lakshadweep.
  - International Operations has booked orders worth Rs. 2,127 Crores as on November, 2010 During the month Letter of Intent(LOI) worth USD 436 Million (Equivalent INR 1976 Crs) received from Public Electricity Company, Yemen for 400 MW Gas based power project at Marib, Yemen

#### **Significant Milestones:**

- In power sector, major milestones achieved during the month include synchronization of Unit:7 (500 MW) of Korba NTPC Stage- III.
- In Industry sector, major achievements during the month include synchronization of BORL BINA -CPP Unit 1 (33 MW). The unit has been loaded up-to a maximum load of 26 MW as available from Customer.
- In International arena, the major achievement during the month include Synchronization (ahead of the agreed schedule) of Unit 1 & 2 of 3x5 MW Devighat Hydro RMU (Renovation Modernisation & Uprating) Project, Nepal with New Control Systems.
- BHEL has added generation capacity of 3548 MW & has further synchronized 1585 MW which is awaiting capacity addition in the year 2010-11 by end of November 2010.

#### **R&D:**

- BHEL spent around Rs. 82 Crores on R&D initiatives during November, 2010 and 23 Patents/ Copyrights have been filed during the month. Significant R&D achievements are as follows:
  - Development of 1<sup>st</sup> IGBT based “Traction Propulsion system” for 6000HP (WAG9i) AC Locomotive of Indian Railways.
  - Establishment of a new product “2000pF Capacitor Voltage Transformer (CVT)” for futuristic 1200KV transmission line business.
  - Development of Light Weight state of the art Traction Alternator for 1600HPAC-AC DEMU applications of Indian Railways.
  - Development of indigenous design for “Human Machine Interface(HMI) Tool for C&I applications”, thus eliminating dependence on external software suppliers.
  - Development of a new product variant of “Turbine Oil Cooler for 500/600MW ratings” eliminating dependence of vendor for special materials.
  - Development & testing of a prototype of a cost-effective, compact,

indigenous bellow type “Spray Nozzle” module for building high capacity Deaerators.

- Establishment of a new welding process for “Site welding of Flanged joints of Power Plant Ceiling Girders”.

#### **MOU/JV:**

- Manufacturing Associate Agreement signed with GE India Industrial Private Limited (**GEIPL**), a 100% owned subsidiary of GE, USA for Engineering, Manufacture and Supply of Water Treatment Systems.
- Joint Venture Agreement with Mahagenco executed for setting up of a 2x660 MW Coal or 1500MW Gas based power plant in Latur, Maharashtra.

#### **Other Significant Events:**

- BHEL participated in “International Conference for Accelerated Power Development in Bhutan” organized by the Central Board of Irrigation and Power (CBIP), India and Punatsangchhu-I Hydroelectric Project Authority, Bhutan at Thimpu, Bhutan from 16<sup>th</sup> to 18<sup>th</sup> November 2010.

#### **II NTPC-BHEL Power Project Pvt. Ltd.**

- A team of senior officials consisting of CMD, NBPPL & Joint Secretary, DHI visited Italy during 26<sup>th</sup> -28<sup>th</sup> November 2010 to hold preliminary discussions with M/s Ansaldo, Genoa and M/s Franco Tossi Legnano of Italy for technology tie up for Turbine & Generator equipment manufacturing.

#### **III Engineering Projects (India) Limited (EPI)**

- MOU signed between EPI & Scomi Engineering Berhad, Malaysia for taking up Monorali/MRTS Projects in India & Overseas.

#### **IV Capital Goods Sector**

- The EFC Note on the subject of Scheme for Enhancement of Competitiveness in the Indian Capital Goods Sector vide this Department's D.O. letter No 9/17/2004-HE&MT dated 20.10.2010 was sent to Department of Expenditure. EFC meeting is scheduled to take place on 13.12.2010 in Ministry of Finance. EFC meeting has been postponed to 15.12.2010.
- 1<sup>st</sup> meeting of the Joint Working Group (JWG) on Textile Machinery Industry was held on 16<sup>th</sup> November, 2010 at Udyog Bhawan, New Delhi under the Chairmanship of Joint Secretary (H), Department of Heavy Industry. It was recommended that the JWG visit textile industry as well as textile machinery industry and on the basis of feedback received, a strategy paper covering all relevant and concerned issues applicable to the textile machinery industry will be prepared. The strategies so prepared should form the agenda for the next meeting.
- In connection with the issue of technology denial in Machine Tool Sector, Director (GR) and Industrial Adviser (SL) from DHI held discussion with Shri Arya Sandeep, Director, Disarmament & Internal Security Affairs Division (D&ISA), M/o External Affairs on 22.11.2010. MEA has sought details of technology denials at individual company level for last 3-years to enable MEA to take up matters with the concerned countries. Accordingly, Indian Machine Tools Manufacturers Association has been requested on 6.12.2010 to furnish the details.

#### **IV Auto Sector**

- The EFC Note on the subject of Cost Escalation under NATRIP project has been sent to Department of Expenditure, and the EFC meeting for the same is scheduled to take place on 15.12.2010 in Ministry of Finance.
- Shri Ambuj Sharma, Joint Secretary, Department of Heavy Industry visited Geneva during 9-12 November, 2010 to attend 152<sup>nd</sup> Session of W.P. 29

(World Forum for Harmonization of Vehicle Regulation), as a member of delegation.

**V 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-October 2010 was 19.11% higher as compared to corresponding period last year.

**Department of Heavy Industry****Performance of major PSEs of DHI during April-October 2010**

S.No.	Name of PSE	Production (Rs. Crore)			Profit(+)/ Loss(-) (PBT) Rs. Crore
		April-Oct. 2010	April-Oct. 2009	Growth % age	April-Oct. 2010
1.	Andrew Yule & Co. Ltd.	149.76	127.82	<b>17.16</b>	15.37
2.	Bharat Heavy Electricals Ltd. (BHEL)	18177.00	14959.00	<b>21.51</b>	3082.00
3.	Bharat Pumps & Compressors Ltd	116.27	136.18	<b>-14.62</b>	12.19
4.	Richardson & Cruddas Ltd.	81.23	149.03	<b>-45.49</b>	-17.68
5.	Heavy Engg; Corpn. Ltd. (HEC)	361.42	269.71	<b>34.00</b>	5.78
6.	HMT Ltd. (hold.) Co. Ltd.	62.33	90.88	<b>-31.42</b>	-45.01
7.	HMT Machine Tools Ltd.	87.30	90.95	<b>-4.01</b>	-45.31
8.	Instrumentation Ltd.	129.56	174.45	<b>-25.73</b>	-28.29
9.	Scooters India Ltd.	94.66	75.40	<b>25.54</b>	-12.16
10.	Cement Corporation of India Ltd.	154.71	198.93	<b>-22.23</b>	8.08
11.	Hindustan Paper Corpn. Ltd.	309.19	329.73	<b>-6.23</b>	-73.22
12.	Hindustan Newsprint Ltd. (HNL)	172.56	128.52	<b>34.27</b>	-4.12
13.	Engg. Projects (India) Ltd. (EPI)	553.13	472.27	<b>17.12</b>	9.97
14.	Bridge & Roof Co. Ltd.	738.72	585.68	<b>26.13</b>	31.34
	<b>Total</b>	<b>21187.84</b>	<b>17788.55</b>	<b>19.11</b>	<b>2938.94</b>

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