

## **Department of Heavy Industry for the month of June, 2010**

### **I Visit to France & UK**

**Hon'ble Minister (HI &PE) led a team of officers comprising Secretary, DHI, CMD, BHEL to France and UK during 15-19 June, 2010**

#### **(A) Alstom, France (June 15-17 2010)**

- A meeting was held on 16<sup>th</sup> June 2010 in Paris between Hon'ble Minister (HI&PE) and Mr. Patric Kron President and CEO, Alstom SA. Hon'ble Minister expressed confidence at improving the relationship between India and France through strong business relations between the two major entities. Hon'ble Minister expressed satisfaction at the ongoing business relationship between BHEL and Alstom in the area of super critical boilers and appreciated Alstom's willingness to participate along with NPCIL and BHEL in the proposed Joint Venture Company for setting up nuclear power plants on EPC basis. Hon'ble Minister spoke at length about the role being played by BHEL in the national mission of providing power to all, Hon'ble Minister pointed out to the President & CEO of Alstom that closer co-operation between BHEL and Alstom in various sectors would go a long way and hoped that details could be worked out to the satisfaction of both the companies. Hon'ble Minister wanted Alstom to work with BHEL to jointly explore the opportunities available in various segments of the transportation business.
- Mr Patric Kron outlined three areas of interest to Alstom viz. (i) satisfactory ongoing co-operation with BHEL in the field of power which Alstom would like to strengthen further; (ii) getting back the Transmission business from Areva, which had been divested by Alstom during their financial problem nearly five years back and expanding the same; and (iii) investing in manufacturing steam turbines in India itself rather than bring machines from China. Mr. Kron admitted that Alstom has not been very active in India in the transportation sector particularly because of

Indian Railways being fully integrated but wanted to play a more active role along with BHEL in the changing scenario citing the joint partnership concluded recently between BHEL and Alstom for modernizing the locos.

- The meeting was followed with a meeting with the President & CEO of Alstom Transportation business where the desire to work together for the emerging opportunities was reiterated. A tour of Alstom's coach factory at Valenciennes and the propulsion systems factor at Tarbes was also made to see the facilities and interact with the management of two facilities.

**B) Sheffield Forgemasters International Ltd (SFIL), UK (June 18-19 2010 )**

- During a formal ceremony, the Technical Collaboration Agreement executed between BHEL and SFIL was exchanged between the Hon'ble Minister (HI&PE) and Dr. Graham Honeyman, CEO. Hon.ble Minister expressed his satisfaction and happiness at successful conclusion of the Agreement which would enable state-of-the art technology being made available to BHEL for manufacturing larger size of forgings required for power plants

**II Bharat Heavy Electricals Ltd. (BHEL)**

- New State-of-the-art Core and Tank Shop of Transformer Manufacturing facility at BHEL, Jhansi dedicated to the nation by Hon'ble Union Minister of HI&PE on 02.06.2010.
- BHEL has achieved a turnover of Rs.6723 Crore up to the month of June 2010, an achievement of 16% growth with respect to corresponding period last year. This includes a provisional turnover of Rs.3005 Crore achieved during the month.

### **Order booking:**

- Up to the month of June'2010 orders worth Rs.10518.22 Crore have been booked which include orders worth Rs.3479.42 Crore booked during the month. Business Sector-wise Order booking are as follows:
  - Power sector has booked orders worth Rs.8970 Crore as on June 2010 which include orders worth Rs.2784 Crore during the month.
  - Order booking in Industry Sector has reached Rs.1542 Crore up to June 2010. During the month Rs.694 Crore orders were booked which includes a significant order from EIL, New Delhi for 49 MW CPP(2xFr5,GTG+2x96TPH,HRSG+1X6MW,STG+BOP)of GSPC Kakinada-AP worth Rs.390 Crore.
  - Order booking in International Operations has reached Rs.6.22 Crore as on June, 2010.

### **Significant Milestones:**

- In power sector, major milestones achieved during the month include Synchronisation of Barsingsar Unit-2 (125MW Thermal) on 05.06.2010 and all the three units of SEWA-II HEP (3x 40MW Pelton) in J&K were synchronized during the month.
- In Industry sector arena, major achievements during the month include Synchronisation of HZL Dariba unit-1(80MW) on 29.06.2010, synchronization of STG Unit-3 (37MW) of IOCL Panipat on 17.06.2010 and Commissioning of Co-generation plant of BPCL Kochi Refinery (Fr6GTG+ 72.5 TPH HRSG) on 18.06.2010.
- In overseas market, the major achievements during the month include Synchronisation of Unit-1 (157 MW) Gas Turbine Generator of Western Mountain (Extn) in Libya and Commissioning of Fr 5 Gas Turbine Generator Unit-1 of HIICO, Dubai.

## **R&D:**

- BHEL spent around Rs.58 Crore on R&D initiatives during June' 2010 and 11 Nos. of Patents/Copyrights have been filed during the month. Other significant R&D achievements include:
  - Development 4.5 KW & 25KW Compact & Efficient PM Alternators alongwith controllers for railway applications for varying load conditions.
  - Development, manufacture and type test of highest rating Class H Insulated Cast Resin Dry Type Transformer, 6300 kVA, 13.8/11 KV to cater to increasing requirement of Ultra Mega Thermal, Hydro and Nuclear Power Plants.
  - Development of a "Novel Multiple Port Device for Ash Extraction from the Side of Pressurised Fluidized Bed Gasifiers" that will be used in the commercial IGCC plants.
  - Development of design for HP & IP Steam Turbine flow paths for 500 MW with new generation 'Three dimensional variable reaction blading' (3DV) leading to higher efficiency product.
  - Development of a new variant Electrostatic Precipitator for new boiler application involving 'High Sulphur Vacuum Residue' as fuel in place of coal.

## **MOU/JV:**

- Technical collaboration agreement (TCA) with Nuovo Pignone S.p.A, Italy for Centrifugal Compressors executed on 15.06.2010.
- Extension of MoU to Explore setting up Joint Venture for Transmission & Distribution business inked with Toshiba Corporation Japan on 21.06.2010.

### **Representation in Exhibition:**

- Participated in 'Empower India 2010' exhibition organised by Urjavarn Foundation at Chennai from 25th June 2010 to 27th June 2010

### **Appreciation:**

- HICO-Muscat (Oman), the Overseas Customer, has appreciated BHEL's efforts & timely support for completion of 2xFr5 GTG project .

### **III Auto Sector**

- NATRIP through its centre I-cat at Manesar (Haryana) has launched a novel online certification system aimed at effective usage of IT in certification and homologation activities of this centre which would greatly benefit its clients.
- Shri Ambuj Sharma, Joint Secretary, Department of Heavy Industry and Chairman of the Informal Group on Environmentally Friendly Vehicle (EFV) visited Geneva during 8-11 June, 2010 to attend 60<sup>th</sup> Meeting of Working Party on Pollution and Energy (WP 29/GRPR) and the 7<sup>th</sup> Meeting of the Informal Group on EFV.
- Shri Shashank Goel, Director, Department of Heavy Industry also visited Geneva as a part of delegation led by Secretary, Department of Road, Transport & Highways, to attend the 151<sup>st</sup> Session of WP-29 held during 22-25 June, 2010.

### **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-May 2010 was 25.12% higher as compared to corresponding period last year.

Department of Heavy IndustryPerformance of major PSEs of DHI during April-May 2010

S.No.	Name of PSE	Production (Rs. Crore)			Profit(+)/ Loss(-) (PBT) Rs. Crore
		April-May 2010	April-May 2009	Growth % age	April-May 2010
1.	Andrew Yule & Co. Ltd.	24.70	25.26	<b>-2.22</b>	-3.27
2.	Bharat Heavy Electricals Ltd. (BHEL)	3718.00	2901.00	<b>28.16</b>	435.00
3.	Burn Standard Co. Ltd. (BSCL)	46.62	40.80	<b>14.26</b>	-40.15
4.	Braithwaite Co. Ltd.	26.79	13.53	<b>98.00</b>	-3.15
5.	Bharat Pumps & Compressors Ltd	25.33	31.12	<b>-18.61</b>	0.19
6.	Richardson & Cruddas Ltd.	20.52	26.84	<b>-23.55</b>	-5.09
7.	Heavy Engg; Corpn. Ltd. (HEC)	85.47	69.33	<b>23.28</b>	-2.80
8.	HMT Ltd. (hold.) Co. Ltd.	26.29	20.65	<b>27.31</b>	-12.37
9.	HMT Machine Tools Ltd.	17.12	19.55	<b>-12.43</b>	-13.76
10.	Instrumentation Ltd.	32.64	40.35	<b>-19.11</b>	-5.74
11.	Scooters India Ltd.	26.69	18.36	<b>45.37</b>	-4.04
12.	Cement Corporation of India Ltd.	56.27	68.52	<b>-17.88</b>	3.94
13.	Hindustan Paper Corpn. Ltd.	79.29	80.76	<b>-1.82</b>	-27.55
14.	Hindustan Newsprint Ltd. (HNL)	48.58	24.80	<b>95.89</b>	-3.04
15.	Engg. Projects (India) Ltd. (EPI)	157.04	130.79	<b>20.07</b>	3.08
16.	Bridge & Roof Co. Ltd.	217.67	172.03	<b>26.53</b>	5.88
Total		4609.02	3683.69	25.12	327.13

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