Dear Colleagues,

I would like to take this opportunity to wish you and your families a safe and enjoyable Holiday Season on behalf of TBWES.

As you know, together we continue to strive towards our goal of securing our first breakthrough order booking even though there has been a temporary slowdown in the power equipment market in India. In this information age, I am sure that you follow the developments in our market from time to time.

Our Employee Engagement Group, led by Ms. Amruta Deshpande, has taken on an initiative to start an internal newsletter titled "The Employee Connect". The purpose of this newsletter is to create another vehicle for effective and open communication within the organization. "The Employee Connect" will focus on Company news, market news, employee news, special achievements, EAC cultural events, sports and social announcements.

We are sure this periodic newsletter will create greater awareness and involvement on the part of employees as well as offer a medium to exchange views and offer suggestions.

We look forward to your active participation and support.

Sincerely,

Deepak Chopra

"The Employee Connect" is the quarterly in-house newsletter of TBWES for internal circulation only.
The state of art manufacturing set up of TBWES at Shirwal for manufacturing of supercritical boilers with initial capacity of 3000MW is progressing very well with installation of major equipment & utilities.

The high spirited project team is all geared up and putting their best efforts towards completion of plant. The Civil work for all the three plants mainly Section shop, Panel shop and Header shop admeasuring 70,000 sq.m. (approx. 20 acres) of covered shed is complete & ancillary buildings annexed to the shop are at final stage of completion.

All the shops are well equipped with Electrical overhead traction (EOT) cranes 31 in numbers. The capacities of these cranes ranges from 10 MT to 50 MT are commissioned & load tested for use. The installation of equipment is supported by 500 KV Diesel Generating (DG) set in absence of electrical power and 250 CFM compressor. The focused efforts to get electrical power by laying 33KV cable line from our plot to Shirwal substation is in progress and charging of the line is planned for mid December 2012.

- Cross Functional Team of employees regularly visit Shirwal Site for better engagement and business connect.

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The “Coffee with COO” sessions are now being conducted for almost a year. This initiative is well appreciated by employees as it gives an opportunity to have direct interaction with the Top management. HR facilitates the meet and coordinates for action points discussed during the meet.

In the month of September 2012 we had another “Coffee with COO” session. The Invitees were: Ghanshyam Kharade, Pravin Kumbhar, Sameer Kulkarni, K Unnikrishnan, Vikram Deshmukh.

Our Guest of honor — P Manoharan who shared some valuable insights.

- Snapshot of the “Coffee Meet”

Naresh Khurge Quotes “Though, I am not a hard-core trekker but I adore trekking. Each and every journey of your life gives you some kind of learning experience which you cherish for lifetime. One such journey was our trek to Bhimashankar— A dream destination for any trekker, a paradise for a Naturalist, a spiritual journey for a religious person.

We five friends trekked to Bhimashankar hill from Karjat. I was aware that Bhimashankar has temple at the top which is one of the 12 Jyotirling (a temple of Lord Shiva) though I had been on the pilgrimage visit to this place earlier via road, I wasn’t aware of the difficult trek route, known as “shidichi wat” (Ladder route).

We started from Chinchwad station early morning and reached Karjat station. From Karjat to Khandas - the start point of our trek, we travelled through tumtum (a six-seated public transport vehicle). The trail from Khandas initially was a walk way through the plain fields but as we progressed, the climb got steeper and jungle turned out to be dense tropical forest.

Few patches were really risky, Climbing through hilly rocks was an eventual thrill of our entire trek, challenging our mental and physical capabilities, it ended in a great sense of accomplishment of lifetime.

It took us almost 6 hours to reach the top of Nagphani point. A walk through the old jungle of Bhimashankar is magical experience that energizes your spirit. Bhimashankar is a reserved forest area and wildlife sanctuary where variety of birds, animals, flowers, plants can be seen.

Bhimashankar is worth a visit for jungle lovers, trekkers as well as for the pilgrims.”
Devang, Ashish & Soumya shared their experience — “It was a seven day programme i.e. from 16th Sept to 22nd Sept, 2012. There were two 750 TPH capacity subcritical PC fired boilers. Boiler one was under final stage of commissioning and boiler two was under erection. We saw the different parts of the boiler as well as the auxiliaries used to run the boiler. The parts of boiler includes furnace, water-wall tubes, burners, soot blowers, economisers, super heaters, bottom ash handling system, etc. while in auxiliaries we saw different types of fan like forced draft fans, induced draft fans, primary air fan, seal air fan, ignite air fan. We also saw the B & W patented roll wheel pulverisers. Some other equipment includes rotary air pre-heater, electrostatic precipitator.

The visit was very nicely planned by TBWES and it helped us to gain practical knowledge about the steam generator.”
"Team of two from TBWES Performance Engg group attended an extensive training on 'SWUP boiler circulation check' at B&W Barberton Ohio USA for 6 weeks in July-August 2012. Evaluation of furnace tube/fin metallurgy, start-up system requirements etc. were analyzed in detail w.r.t a typical 660MW size of SWUP boiler.

Systematic & planned approach to such an 'on job' training, gave much insights to this peculiar design concept.

Visit also facilitated direct interaction with many functional experts at B&W, leading to identification of much more avenues for optimization from an Indian market perspective." - Raju Nair – Performance Engineering.

"We, Mechanical Engineering team of 4 members went to B&W, Barberton. The purpose of visit was to conduct mechanical design review by B&W on standard model of 660MW supercritical boiler developed by TBWES for Indian market.

In the B&W programs, Stress Calculation of Pressure, Non-pressure Parts and Arrangement Drawing were elucidated by B&W with sample detail calculation, drawing & photography which helped us a lot in gaining technical knowledge.

We visited Avon Lake power plant (660MW), Ohio. It is 42 years old plant, which has unique arrangement like Vertical furnace Tube, Horizontal shaft Air Preheater etc. This visit helped us in understanding the arrangement of supercritical boiler". - P. Selvakumar (Contract Engineering)

Laugh it out!!

**Husband** (calls up Hotel Manager from his Hotel room) : “Please come fast! I am having an argument with my wife and she says she will jump off the window of your Hotel !!!”

**Manager** : Sir, I am sorry but its your personal matter.

**Husband**: (Yells) Stop all the crap! The window is stuck and we are not able to open it!!

..This is a Maintenance matter !!"
Independence Day celebration has now become an Annual phenomenon at TBWES. TBWES Office was tastefully decorated with tri-colour balloons, National flags, flowers and Rangoli to create the ambience befitting the occasion. At the onset, the auspicious lamp was lighted.

Cultural Programme steered by Mr. Dilip Pawse was an enigmatic mix of beautiful rendition of patriotic songs. The event also celebrated cultural diversity. Our employees from southern part of India enthralled audience with regional dance performances. Prizes were distributed to many winners including the best dressed Male and Female employees.

Did You Know?

1. The first significant commercial application of once through boilers was made by Mark Benson, a Czechoslovakian inventor, when he in 1923 provided 4 TPH unit for English Electric Co., Ltd. at Rugby, England.
2. B&W continued with their experimental work on once through boilers in the 1920s as boiler and power plant engineers envisioned the efficiency gains that could be achieved by the use of ultra-supercritical pressure cycles.
3. Advanced ultra-supercritical is a term used to designate a coal-fired power plant design with the inlet steam temperature to the turbine at 700 to 760°C. Average metal temperatures of the final super-heater and final re-heater could run higher, at up to about 815°C.
4. World’s largest supercritical boiler with a capacity of 1,300 mw, more than 9 boilers supplied by B&W of this size.

Industry News !!

1. Controller and Auditor General of India (CAG) report, stating estimated Rs.1.8 lakh crores (US$ 33 Billion) loss to the exchequer, on coal block allocation has generated political turmoil.
2. Custom Duty Imposition: The Government has now issued gazette notification for imposition of custom duty even on mega power projects of more than 1000 MW size.
3. Pushing new reforms in the power sector, the Center Monday approved restructuring of Rs 1.9 lakh crore debt of State Electricity Boards in a move to turnaround the near-bankrupt power distribution companies.
4. During 11th Five year Plan (2007-2012), the actual capacity addition was only 70% of the targeted capacity i.e. 55000 MW achieved versus 78000 MW targeted capacity, out of which 44000 MW was coal based power plant (80%).
5. In order to bridge the gap between peak demand and peak deficit, the target for the 12th Plan (2012-2017) has been fixed at 88,000 MW. Coal base power plants shall be 74,000 MW (84%), Private IPP’s shall be more than 60%. Supercritical power plants shall be more than 62%.
**Quiz Buzz...**

Welcome to the Quiz World! You need to send us the answers to this Quiz by email. First email received deserves a Prize!! Set.. GO!!!

1. Who has taken over as new CEO of Yahoo?
2. Name the country and the city where Winter Olympics would be held in 2014.
3. Which Google product was called a "Stolen product" by Steve Jobs?
4. Who is considered as the inventor of cellular phones?
5. World famous tourist attraction “Bolshoi Theatre” is in which country?

Email answers to: amruta.deshpande@tbwes.com

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**Employees Birthday Celebrations**

Birthdays can be more of fun …. If you celebrate it with your office colleagues.

We successfully conduct the Monthly birthday celebrations on every month.

**Games People Play @TBWES !!**

Ramnath Nayak from Finance at his best!!!

Matt Kurian from Projects & Proposal Management giving it a try !!

**Cake Cutting @ Shirwal**

We celebrate with lots of fun and laughter by playing games, cake cutting and snacks distribution.

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**Bundle of Joy!! New Born Babies of 2012 !!**

- Trupti Tapkir's—Baby Boy : Avaneesh
- Nandini Yadav's —Baby Girl : Shravani
- Jagannivas Sutar's—Baby Girl : Saee

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**Impact of job change**

A taxi passenger tapped the driver on the shoulder to ask him a question. The driver screamed, lost control of the car, nearly hit a bus, went up on the footpath, and stopped centimeters from a shop window.

For a second everything went quiet in the cab, and then the driver said: Look mate, don't ever do that again. You scared the daylights out of me!"

The passenger apologized and said, "I didn't realize that a little tap would scare you so much."

The driver replied, "Sorry, it's not really your fault. Today is my first day as a cab driver - I've been driving a van carrying dead Bodies for the last 25 years......u can imagine what went into my mind when u touched my back!!"