

GREENPOWER

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QUARTERLY NEWSLETTER OF BHORUKA POWER CORPORATION LIMITED

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Editorial Board:
Team Bhoruka



Bhoomi Pooja at Yelisirur



MD's Message

Dear Friend

These are difficult times for the World in general and the Country in particular. It appears that a kind of restlessness has settled in the minds of people and reasons small or big are only force multipliers. The phenomena of Arab Spring is spreading everywhere, albeit in a Small way and not necessarily for Political Reasons but also for Economic Reasons.

This is the time for us to be on guard and not get carried away by Pessimism. With a Positive Attitude, I am sure all of us will come out of this de ja vu with a Cheerful outlook soon.

Thanks to a good spell of monsoon (except for late September/October 2011), we can expect reasonable generation from our Hydro Stations.

The most important good thing to have happened is that BPCL was allotted the 75 MW Yelisirur Wind Project in Gadag District. The wind potential has been studied for the last two years and the load factor is good. We are moving in fast to establish a capacity of 25.5 MW. The balance 50MW is being evaluated and a decision to go ahead soon will depend on getting the evacuation clearance from the State Utility based on their upcoming new EHT sub station .

The Current Project of 25.5 MW consists of 17 units of 1.5 MW WTG's from GE Energy. The project costing Rs. 185 crores is to be Commissioned before March 2012.

As always, I am sure we as a Company, will stand up to this challenging task. The coming new year should see a good capacity addition to the Company's Generation Portfolio.

S. Chandrasekhar
Managing Director

CORPORATE NEWS

KNOW YOUR COLLEAGUE



Vijay Joshi joined BPCL in August 2000 as Assistant Engineer, Trainee (Mechanical) at the Shivapur Site. A well qualified Vijay is armed with a Diploma in Mechanical Engineering and one in Industrial Safety from the prestigious All India Institute of Management, Chennai. A professional with a constant desire to acquire knowledge, he currently pursues a course in AMIE. A committed and competent employee, Vijay has moved

up the corporate ladder to the post of Senior Engineer, Mechanical, at the Corporate Office.

Hailing from Hospet, Vijay and his wife Sridevi have a daughter, Jahnvi who goes to LKG. He has a keen interest in technology and never spares a small opportunity to learn about new advancements in the field. Vijay is well liked by his team members who fondly address him as 'Joshi'. A helpful and considerate friend, he is ever ready to help anyone in trouble. Yoga, Internet surfing and reading are some of his passions. Vijay is also a member of many reputed NGOs. We are proud of Vijay and wish him the very best in his future.



Prahalad K joined BPCL in July, 1998. With more than a decade in the company he has used every opportunity to grow personally and professionally in BPCL's supportive work environment. Prahalad discharges his duties as a fitter with a great deal of responsibility and commitment. A good team player, he is competent and uses his rich experience to effectively solve issues. He is also innovative and contributes a lot in crisis situations so typical of hydel power plants. An encouraging and helpful team mate, Prahalad is liked by all his team members.

Prahalad and his wife Rani, have three children, Roopa Ramadevi the eldest daughter is married. His two other children are pursuing their education with commitment like their father. Prahalad is quite a sporty guy who loves a game of cricket, volley ball, badminton or even indoor games like carrom. He enjoys the spirit of competition that any sport brings with it. We appreciate Prahalad's role in BPCL's success story and we extend our best wishes to him and his family.

TRANSFERS

- **P Anand**, Deputy Manager, *Civil*, from Shivapur to Shahapur on 20th July
- **H M Jalgar**, Engineer, *Civil*, from Shahapur to Shivapur on 18th July
- **S R Raghavendra**, Deputy Manager, *Civil*, from Manjanadaka to Neria on 14th July
- **Santhosh Kumar**, Assistant Engineer, *Civil*, from Shivapur to SRD Katte on 19th August
- **Netaji P Hadadi**, Deputy Manager, *Civil*, from Kumaradhara to Chayabhadgavathi on 25th July
- **Mallikarjun S Petkar**, Assistant Manager, *Mechanical*, from Dadupur to Chayadevi on 1st August
- **Giribabu G**, Assistant Engineer, *Electrical*, from Rajankollur to Shivapur on 7th September
- **Suresh C**, Fitter, from Sugur to Shivapur on 1st August
- **H M Siddalingaiah**, Helper, from SRD Katte to Sugur on 1st August
- **C Ulgaiah**, Fitter, from Shivapur to SRD Katte on 1st August
- **Chandrashekar V**, Engineer, *Electrical*, from Dandela to Mandagere on 23rd August
- **H Hemanandh**, Assistant Engineer, *Electrical*, from Manjanadaka to Dandela on 5th September

CAPABILITY BOOSTER

SHP's Plant Engineers: Ashish Singh Tomar, Engineer (Electrical) and **Yogesh Kumar**, Engineer (Mechanical), from Dadupur, attended a short-term training course from 20th to 25th June conducted by AHEC (Alternate Hydro Energy Centre) at IIT Roorkee.

Conference on Power 'Managing Demand for Sustainable Future': Vijay J, Senior Engineer (Mechanical) and **T Rajasekhar**, Manager (Electrical), Corporate Office, attended the conference conducted by CII Karnataka, on 25th and 26th August.

Workshop on "Time Management & Prioritization, Stress Management": Staff members from Shivapur, Shahapur, Chayadevi, Rajankollur, Sugur and Madhavamantri attended a one-day workshop conducted by M/s. HR Cornucopia Pvt. Ltd., Bangalore, on 25th June at Shahapur, and 27th at Hospet.

First Aid Training: The training programme was conducted by Mr. Malhar Rao Malle from Saint John Ambulance, for **engineers and workmen** on 30th June, at Shahapur.

Relay Maintenance: H K Venkatesh, Sr. Engineer (Electrical), Neria, and **E Subash Chandra Shekar**, Engineer (Electrical), Madhavamantri, attended the training held from 3rd to 5th August organized by National Power Training Institute (SR), Neyveli.

Prolific's Advanced Training Programmes on Industrial Automation on PLC, Drives, Electrical Engineering, Pneumatic & Hydraulics Technology: The four-day training programme conducted by M/s Prolific Systems and Technologies Pvt. Ltd., Thane, was held from 6th to 9th September, 2011 at Bangalore. The training session was attended by **K R Kamath**, GM (Technical), **H R Manjunath**, Senior Manager (Electrical Design), **T Rajasekhar**, Manager (Electrical), **G D Guruprasad**, Deputy Manager (Mechanical), **J Vijay**, Sr. Engineer (Mechanical), from Corporate Office; **Ramu Joshi**, Manager (Electrical), Shivapur; **P Saint John**, Manager (Electrical), Chayadevi; **Gangadhar**, Manager (Electrical), Sattigala; **Ganesh Shetty**, Manager (Electrical), Neria; **H Rajashekar**, Deputy Manager (Electrical), Manjanadaka; **Anand Badiger**, Sr. Engineer (Electrical), Shahapur; and **Neeraj Kamboj**, Engineer (Electrical), Dadupur.



Training session at Shahapur



PLC training at Bangalore

WELCOME ABOARD!

- **Ravi Naika K**, joined as Assistant Engineer - *Electrical*, at Corporate Office on 1st July
- **Chandra Shekar R**, joined as Assistant Engineer - Trainee, *Contract*, at Corporate Office on 11th July
- **Mallesh K**, joined as Assistant Engineer - Trainee, *Mechanical*, at Sugur on 12th July
- **Sathyararayana Ganugula**, joined as Assistant Engineer - Trainee, *Electrical*, at SRD Katte on 14th July
- **Ganesh**, joined as Assistant Engineer - Trainee, *Electrical*, at Manjanadaka on 15th July
- **Pradeep Kumar M N**, joined as Assistant Engineer - Trainee, *Electrical*, at Dandela on 1st August
- **Santhosh Kumar R Sagar**, joined as Assistant Engineer - Trainee, *Electrical*, at Neria on 19th August

Congratulations

Vasudhendra, Engineer, *Mechanical*, from Sugur on being blessed with a baby girl - **J Shreya** on 20th July

Shahapur wins Safety Award!

The Shahapur Station participated in the Safety Competition conducted by **NSC-Karnataka Chapter**. Applications of all participants were scrutinized by NSC's expert committee which shortlisted 18 companies including the Shahapur Station. **The Shahapur Team made a brilliant presentation on best practices - Safety, as per the NSC mandate.** The presentation was made in the office of the Chief Inspector in Bangalore on 30th July before a team of NSC professionals and external experts who were called in to judge the participating companies. The results that were announced within a week from the presentation named **Shahapur as the winner of the prestigious Safety Award!**

On 9th September, the NSC Karnataka Chapter organized a **Safety Award Distribution Function at Bangalore**. Shahapur Team received the **"UNNATA SURAKSHA PURASKAR AWARD"** for the plant's



Gururaj Kulkarni is seen receiving the Safety Award

outstanding Safety Performance and Management Systems in Hydel Power Generation category of industries.

Bhoruka Power on Independence Day

As citizens of a great country rich in history and tradition, the National Independence Day is of immense significance. The day strengthens a personal bond between each one of us and our country. As India woke up to her 65th Independence Day on August 15th, BPCL burst into festivity and celebration. It was the dawn of a whole new year of Independence, a reiteration of our pride in our country! The National Flag was hoisted at various plant sites, sweets were distributed, speeches were made and there was much celebration.



C E L E B R A T I O N S

Ganapathy Bappa Moriya!

BPCL rejoiced in this year's Ganesh Chaturthi with great fervour and festivity. At **Shahapur** Lord Ganesh's idol came up to take up centerstage at the Scheme #3 Conference Hall as all employees gathered around singing praises to this great deity. A colorful and delightful cultural programme was organized in the evening. Rich classical music, captivating mythological skits and variety programmes kept the audience in rapt attention. All employees and their families were truly delighted to be part of the celebrations.

Sugur saw much colour and festivity as employees came together to celebrate the occasion and participate in the fun associated with idol immersion and other customs.



Rising Day: Anniversary Day Celebrations



On 6th August, **Rajankollur** celebrated its **11th Anniversary** with much festivity. The day began with a Pooja. T Rajashekar, from Shahapur was invited to be Chief Guest. A cultural programme was organized in which employees participated. The day ended with a sumptuous spread.

At **Madhavamantri**, the celebration of the site's **10th Anniversary** was as exciting with every one

participating to make a memorable day. Pooja was performed, speeches were made and food was served.

The **4th Anniversary of Chayadevi** was marked with celebration. Although low key, the spirit of oneness brought the employees together on 22nd July to begin the day with a pooja at the Chayadevi

temple. The pooja carried on to the powerhouse. The entire staff turned out on the occasion and shared great camaraderie.

Manjanadaka's 2nd Anniversary was marked with festivity and celebration. Pooja was performed to begin the day with prayer and song. Employees joined in to share sweets and good wishes.

Engineers' Day

Sir M Vishweswariah, India's greatest engineer is remembered on his birthday across India on 15th September. The day is marked as Engineer's Day in the country. BPCL celebrated Engineer's Day with functions organized across its plant sites. Engineers made inspiring speeches about Sir M Vishweswariah, his achievements were remembered and his photograph was garlanded.

Chayadevi: Speech by employee



Sattigala: Photograph garlanding



QUALITY QUOTIENT

ISO 9001:2008 Quality Management System

- We received the ISO 9001:2008 Certificate (valid up to 2014) from M/s. ICS. Laminated copies of the certificate has been sent to all 12 stations. The certificate will be renewed every 6 months followed by surveillance audits by ICS.
- The annual maintenance work has been completed in all power stations. Internal Audits were conducted to assess the effectiveness of maintenance as per the planning and budget allocation.
- Stores audit was conducted by inter plant auditors in August 2011 to assess material management, inventory control and statutory aspects.
- The half-yearly internal audit has been completed in the power stations as well as the Corporate Office.
- The documentation work on ISO 9001 is in progress at Dandela.



ISO-26000 Environment committee meeting

ISO 14001:2004 / OHSAS 18001:2007 (EOHS) Environment, Health and Safety Management System

- A Safety Committee has been formed in the Dandela Mini Hydel Station, with a regular schedule of tasks which are being executed for improvement of safety.
- Waste management schemes have been introduced in Sattelgala, Sugar and Manjanadka as per the pollution board norms.
- The Shivapur Station received 2 Merit Awards from CII for EHS and Excellence in the Power Sector.

- 6 Power stations received the prestigious Safety Award from the National Safety Council – Karnataka Chapter. The Shahapur station has been selected for the Unnatha Suraksha Puraskara. Uttama Suraksha Puraskara has been received by Rajankollur, Madavmantri and Mandagere. Prashamsa Suraksha Puraskara was given to Chayadevi and SRD Katte.
- National Safety Council conducted Safety audits in Madhavamantri, Dadupur and Sattelgala. All 3 stations implemented the safety points recommended by NSC in the audit report.

ISO 26000:2010 Guidance On Social Responsibility

- Documentation work on Social responsibility is in progress.
- A Central Committee has been formed to coordinate documentation on environment, community involvement and development.
- Regular meetings are conducted by committee members to finalize the documents.
- Core Committee and Grievance Committee has been reconstituted due to organizational changes in departments.
- The Management has revised the policy vision, mission and values. A policy on Human Rights has been introduced as part of Social Responsibility.

Mission

We will become the most admired company delivering sustainable values by:

- Achieving our additional targets year by year and providing green power energy, exceeding the expectation of Power Department of the Government to satisfy the ultimate customer.
- Innovating the power plants with eco –friendly technologies.
- Empowering our employees and creating an environment for them to perform excellently.
- Caring for safety, environment and living standard of employees and the communities.
- Ensuring prospective growth and enhancing values to all stakeholders.
- Contributing 5% of our net profit for the benefit of the community in which we operate.

Vision

To be the most admired Electric Power Company in renewable energy sector delivering sustainable values to all stakeholders.

Mutual trust	Respect for people
Integrity	Empowerment
Honesty	Fairness

Human Rights Policy

- We shall recognize, respect and promote the rights set out in the human rights ACT within our area of working.
- We are committed to conduct our business legally, ethically and with integrity everywhere in our operations.
- We shall never use or promote child labour in our works directly or indirectly.
- We are committed to honour standing order agreement.
- We honour and recognize the rights of our employees to open communication, resolving grievances etc.
- We provide a safe and healthy work environment to all types of employees in our work premises.
- We shall not discriminate our employees, partners, customers and other stakeholders on the basis of race, colour, gender, age, language, property, nationality, religion, caste and so on.

- We will identify vulnerable groups within our area of operations and assist them with possible help.
- We honour the civil and political rights of all our stakeholders.
- We shall respect and voluntarily contribute to the prosperity of surrounding communities in their economic, social and cultural welfare.
- We honour the norms of fundamental principles and rights to work as per ILO guidelines.
- We will contribute our best to attend to risky situations to human rights whenever such unexpected events take place.
- We will exercise due diligence to identify, prevent and address actual or potential human rights violation.

Complicity is associated with the concept of aiding and abetting an illegal act or omission. We will become aware of, prevent and address risk of complicity by integrating the common feature of legal and social benchmarks into our due diligence processes.

PROJECT

KUMARADHARA

MINI HYDEL PROJECT – 3X6 MW

The Kumaradhara plant site is moving at an amazing pace as the engineers work tirelessly on the long list of chores to be completed before commissioning.



Tunnel excavation in progress

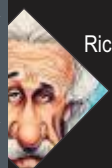
■ CIVIL WORK

- The monsoon rains failed to dampen the spirit of our team which worked on the tunnel's full face excavation from D/s portal. **Dewatering** was accomplished with 80 HP submersible pumps. As on date 1500 cum of excavation over a 25 m length has been completed. As part of the safety task list, rock bolting at the joints has been completed along with the tunnel excavation.
- Due to heavy rains, the excavation work was stalled in the power canal and at the powerhouse. All machinery put to work in these areas were demobilized from the site.
- Repair work has been completed on the diversion road in the power canal to help villagers from the surrounding areas commute easily. The road in the powerhouse area has also been repaired for the easy movement of tunnel vehicles.
- Catchment water drains have been made at the berm levels at both power canal and forebay for diversion of water and to avoid slippage of the sides.



INSPIRING

Business opportunities are like buses, there's always another one coming.
Richard Branson



Let every man be respected as an individual and no man idolized.
Albert Einstein

DECADE SERVICE AWARD

A BPCL-branded wristwatch was awarded to employees who completed 10 years of service in the company, as a token of appreciation.

- **H S Manjunath**, Senior Manager, Civil, Donithanda Wind Project
- **Shivamurthy D M**, Helper, Shahapur
- **Channappa G H**, Store Assistant, Shahapur
- **Mallikarajuna Purad**, Electrician, Shivapur
- **Raju M B**, Assistant Manager, Civil, Donithanda Wind Project
- **Anjan Kumar**, Senior Engineer, Electrical, SRD Katte

⚡ Shivapur

Set up a milestone of 400 Mwh on 20th August, 2011, surpassing the previous best of 399 Mwh on 10th August, 2011.

Aug 2011: Highest monthly generation of **12077 Mwh** surpassing the previous best of 11549.30 Mwh in January 2002.

⚡ SRD Katte

Aug 2011: Highest monthly generation of **1194.3 Mwh** after commissioning and also highest day reading of 40.2 Mwh on 31st August 2011, surpassing the previous best of 39.75 Mwh on 4th August 2011.

⚡ Madhavamantri

Highest daily generation of **111.50 Mwh** on 6th October 2011 surpassing the previous best of 111.20 Mwh on 30th September 2011.

Record Generation!

⚡ Chayadevi

Aug 2011: Highest monthly recorded generation of **18532 Mwh** surpassing the previous record of 18473 Mwh in September 2009.

⚡ Sattegala

Highest daily generation of 133.8 Mwh was recorded on 7th October, 2011, surpassing the previous record of 133 Mwh on 12th August, 2011.

⚡ Manjanadaka

Highest day reading of **255 Mwh** on 12th August, 2011, chasing the previous best of 254.25 Mwh on 3rd August, 2011.



A walking economy

This guy is walking with his friend, who happens to be a psychologist. He says to this friend, "I'm a walking economy." The friend asks, "How so?"

"My hair line is in recession, my stomach is a victim of inflation, and both of these together are putting me into a deep depression!"

"If you want to make an apple pie from scratch, you must first create the universe." **Carl Sagan**

"The only thing you have to do is breathe: everything else is optional." **Anon**



OPERATING PLANTS

SHIVAPUR | SHAHAPUR | RAJANKOLLUR | SRD KATTE | MADHAVAMANTRI | MANDAGERE | CHAYADEVI | SUGUR | MANJANADAKA | DADUPUR | SATTEGALA | NERIA | DANDELA

SHIVAPUR HYDEL PLANT

Work on the powerhouse

Following the canal closure work, unit #1 and #2 have been synchronized to the grid on 28th July with a minimum load of 3 MW. A Ganga Pooja was performed before synchronizing the machines.

RAJANKOLLUR HYDEL PLANT

Post canal closure

The machines were started with a formal Ganga Pooja after canal closure work was completed successfully.



▲ Ganga Pooja is a solemn occasion before canal opens

MADHAVAMANTRI HYDEL PLANT

Audit for excellence

An audit on the annual maintenance works was carried out on 20th July by Prasad Rao from the Sugur Plant. Audit on 'Stores' (QMS) was carried out on 24th August by Mallikarjun from the Mandagera Plant.

Visitors

Mr. Mark and Mr. Balakrishna from M/s. Religare Energy Department visited the plant site on 8th July. The two-member team was impressed with the maintenance standards of the plant site and were delighted with the hospitality extended by the BPCL team.

SHAHAPUR HYDEL PLANT

Noble gesture on Founder's Day

At Shahapur, Founder's Day was observed on 17th September with a function which honored Shri PDji's memory. To pay tribute to the sense of charity associated with this day, the Shahapur team donated dictionaries to the 10th standard students of Naganatagi High School which is a rurally backward educational institution.

Power generation

After a long 3-month spell, the SBC canal reopened on 31st July. All machines including the one in D9 came to life and began the majestic process of power generation on the same day. A Ganga Pooja was performed before the start of the machines to mark the auspiciousness of the occasion.

Replacement in machinery

In the Gogi sub station, D9 11KV outdoor vacuum circuit breaker operating mechanism failed and the machinery had to be run by temporarily adjusting the breaker mechanism.



▲ Breaker operating mechanism replacement



A new breaker operating mechanism has been installed, checked and found ok as a permanent solution. The work was carried out department wise by our team of engineers and workmen. The in-house effort saved the company, service engineer charges of approximately Rs. 50,000/-.

Oil leakage plugged

In Scheme #3, a Servo motor oil leakage was detected in the BFV bye-pass valve while the machine was operating. A team of engineers quickly set out to dismantle and clean the Servo Motor thoroughly. The seals were completely inspected for any malfunction. The top and the bottom seals were found to be damaged. New seals were procured and installed in the Servo Motor. A leakage test was conducted and the motor was found to be ok. This task also was internally completed by our team of engineers and workmen.

Visits

Assistant Director of Factories, visited the Shahapur site on 15th July. The visiting official was extremely satisfied after verifying all statutory records on plant safety and work environment.

» MANDAGERE HYDEL PLANT



▲ The HO team visits our site

■ Ganga Pooja

The team at Mandagera turned up in full strength at a pooja that was performed after the annual maintenance work was completed. There was an atmosphere of solemnity as prayers for a trouble-free operation and good generation in the coming year filled the air.

■ Management on site visit

A 2-member team from the Head Office comprising General Manager (Technical) and Deputy General Manager (Operations) paid a visit to our plant site. During talks with our team, they made valuable suggestions for re-stringing the 11 KV double circuit transmission line across the river crossing towers which would improve ground clearance and other O&M issues.



▲ Employees participating in the mock drill

The necessary papers were approved and the work schedule is being planned and will be executed during the lean water period.

■ Mechanical seals

In unit #2, the bottom and top halves of the conical covers had slipped out of position while the machine was in operation. The team of engineers got into immediate action to analyze and set right the machine in a brief 2-day period. The delightful bit was when there was no loss of generation recorded during the repair work. Well done team!

A noise-level check across the powerhouse and TG equipment premises was made as part of our annual routine work. The recorded levels are well within limits.



▲ Ganga Pooja - a precursor to our success

■ DG sets stack emission test

The emission levels of the 75KVA and 15KVADG sets have been tested by M/s. Sunray Environ System, Bangalore. Observations made by the team, which was approved by a KSPCB agency, stated that the emission levels were within permissible limits.

■ Be prepared to blow out the fire

A mock drill was conducted for the entire Mandagera team, including workmen and staff. The mock drill on the use of fire extinguishers during an emergency in the powerhouse premises proved to be a brilliant learning opportunity for all who participated. The team was truly appreciative of the learning and hands-on experience in a 'created' emergency situation.

» CHAYADEVI HYDEL PLANT



▲ CDM Audit under progress

■ Water seepage reduces

Rasin grouting on the periphery of both units in the penstock pipe taper piece at the DT gallery has been ensured for stopping water leakage. M/s. Sundaram Associates was commissioned to complete the assignment. The team did a fine job to reduce the water seepage to a great extent.

■ Canal reopens

The machines were loaded on 20th July after all canal closure work was completed successfully. A Ganga Pooja was done before the intake gates opened for water release.

■ CDM Audit

On 19th August, the 4th CDM Audit was conducted by M/s TUV NORD. The auditing team was impressed and was full of appreciation for the housekeeping and maintenance practices adhered to by the plant site. They were overwhelmed by the world class appearance of the plant site.

■ Vimochana Diwas

Hyderabad-Karnataka Vimochana Diwas was celebrated with the unfurling of the National Flag at powerhouse premises on 17th September. All employees came together to celebrate.

■ Visitor

Labour Inspector, Shorapur Circle, visited the plant site on 11th August for annual inspection. He spoke with key personal who took him around the plant. The visiting official was happy with the safety standards maintained.



▲ Vimochana Diwas ceremony

» NERIA HYDEL PLANT

■ Visitors

The Mescom Staff and their training faculty visited the Neria plant site on 12th August as part of their training session. There is immense learning in a BPCL plant site mainly due to the international standards maintained by the sites. The visitors were highly impressed with the hygiene levels and safety standards of the Neria plant site.

■ Greener!

Located in the heart of Dakshina Karnataka is Neria, breathtakingly beautiful as natural green belt. As environment enthusiasts, the Neria team strives to add to the greenery with landscaping and gardening of its immediate premises.

» DADUPUR HYDEL PLANT



▲ Pir Baba pooja under progress

■ Round up

- Forebay work has been completed on all fronts and the powerhouse was restarted on 5th June after the Ganga Pooja.
- All machines were restarted after completion of canal closure work.
- A special pooja was organized at the 'Pir Baba Temple' in front of the powerhouse premises for the good performance of the plant. Sweets were distributed among the devotees.

» **MANJANADAKA** HYDEL PLANT



▲ Team from IIT Roorkee during the inspection

■ **Visits**

AHEC team headed by Prof. B K Gandhi and two professionals from IIT - Roorkee, conducted the performance testing on the machines on 15th and 16th August.

■ **Plant Progress**

On the electro-mechanical front, auxiliary transformer #2 on the HV side of the 11KV

cable termination kit and the supporting insulators have been replaced with new one.

On the civil side one small pantry has been built near the control room. Barbed wire concrete fencing has also been done for the company land near the power canal.

On the safety front, handrails have been provided in the turbine pit of units 1 and 2.

» **SRD KATTE** HYDEL PLANT



▲ Garden landscaping is a visitor's joy

■ **Plant progress**

In our concerted effort to increase the greenery around the powerhouse premises, 'Buffalo Grass' was laid across the garden giving it a fresh, new look. The grass which is grown in the neighbouring villages is thick and lush green.



▲ Participants have a great day at the mock drill

■ **Safety**

As part of the safety and EOHS requirement, a mock drill was conducted on 27th July on Electric Shock. The participants were greatly appreciative of the learning in the sessions and came forward with enthusiastic queries.

» **SATTEGALA** HYDEL PLANT

■ **High floods**

The river was in spate between 3rd and 7th September due to a heavy discharge of about 90,000 cusecs from the KRS and Kabini dams together at the same time. The power generation was considerably affected during this period due to low head and heavy trash accumulation.

■ **Safety works**

A list of safety enhancements were implemented to ensure world-class work conditions for our workers.

- Construction of platform cum walkway and hand rails as an access to emergency exit, and powerhouse windows.
- Modification of staircases leading to control room slab, EOT crane.
- Fencing at intake tail pond and right bank embankment.
- Mock drill on fire safety and first aid.



▲ Automatic gates operate during the floods



▲ The emergency exit walkway

It is not the strongest of the species that survive, nor the most intelligent, but the one most responsive to change. *Charles Dickens*

I don't pay good wages because I have a lot of money; I have a lot of money because I pay good wages. *Robert Bosch*

In the business world, everyone is paid in two coins: cash and experience. Take the experience first; the cash will come later. *Harold Geneen*

» **SUGUR** HYDEL PLANT



▲ Fire fighting at the mock drill was a 'real' experience for the participants

■ **Cross Audit**

A cross audit was conducted on the canal closure works at Sugur by A Swaminathan from the Rajankollur Plant. The visiting auditor was happy with the works completed on time.

■ **Fire fighters**

Fire fighting - the spirit and the expertise associated with it is invaluable in a high voltage industry like ours. At BPCL, no stone is left unturned in deploying the best learning methods to keep the employees well armed. On 12th August, a demonstration was held at the premises to spread awareness among the employees on fire fighting techniques and responsibilities in a fire emergency.

■ **Inspection**

The 33 Kv transmission line was inspected from the plant site to 33 Kv T. Kote substation. The team of engineers who worked on the inspection did a thorough job and furnished a complete report.

» **DANDELA** HYDEL PLANT

■ **O&M**

The operation staff ensures round-the-clock service for optimization of power generation and the maintenance staff stay alert for minimizing the machine down time through a timely preventive maintenance effort.

The defective synchronous generator of unit # 3 was rectified by a team at M/s Rajamane Hegde, Tumkur. The system was normalized within a short period and power generation restored.

Bhoruka Welfare

MANDAGERE

■ Computer Course

10 Students have successfully completed three months computer training for Diploma in Office Management (Windows, MS-Office and Nudi). The students have received certificates from PRDT (Prabhudhan Rural Development Trust). Another 10 students have enrolled for the same course. Till date 20 students passed out of this course with certificates.

■ Health Camp

An intensive counseling and testing camp was organized in collaboration with the Taluk Health Department, K.R. Pet, at Mandagere. Blood tests were conducted on 52 people who were screened for HIV/AIDS. No positive cases were found. Mr. Raje Gowda, Lab Technician, Ms. Sujatha, Counsellor, and staff participated.

SHAHAPUR

■ Check Dam

To control the soil erosion, a check dam was constructed with the help of irrigation department for Mr. Basavaraj, who is a member in one of our SHGs.

■ Cottage Industry Boost

In an effort to give a fillip to cottage industries such as carpentry, electrical appliances repairs, etc., Bhoruka Welfare organized a meet at Sagara Village and distributed free tool kits through the Irrigation Department and Village Panchayat to select persons in each trade. The recipients belong to the SHGs.

■ Micro Finance

Bhoruka Welfare is proud to announce that the circulation of Micro Finance assistance is touching the **Rupee One Crore Mark!**



Check Dam constructed for SHG member



Distribution of free tool kits

Doctor administers treatment at the health check up camp



Faculty of the health check up in Hemmige



Women participate in the health check up



Students who passed out of the computer course in Mandagere



GULBARGA

■ Bhuruka Netralaya

Bhuruka Netralaya, Gulbarga, is making steady progress and has crossed 7400 free operations. This is a record for any NGO in Gulbarga District.



The Eye Hospital has also dedicated itself to environment friendly activities by observing the Vanamahotsava with Bharatiya Vidya Kendra, and has planted 500 saplings on its campus.

HEMMIGE

■ Women Welfare

A women health check up and awareness programme was conducted at Madapura Village which had the participation of a record number of 87 women from five villages. The women were very happy with the learning.

TALKAD

■ Adolescent Training

An adolescent training programme was organized in Talkad with a member of the faculty educating the young girls on the various mental, emotional and physical changes that can occur as they grow. The significance of hygiene, the concerns associated with early marriage and the pain of infant mortality were the other topics discussed.

■ Animal Health

A programme on Dairy Development and Animal Health Awareness was conducted by Dr. Krishna Shetty of Talkad. About 200 domestic animals were treated and given free medicine.



Founder's Day

■ Annual Blood Donation Camp

As our tradition would have it, Founder's Day was marked by The Annual Blood Donation Camp. The camp began with the garlanding of Sri. P D Agarwalji's statue and floral tributes to this big hearted philanthropist who makes us all so proud today. Sri. Purohit was full of enthusiasm as he spoke about the contribution of Sri. PDji to society with the sole objective of uplifting the masses socially and economically, with particular attention to the poor in rural India.

Sri. Krishnamadhav spoke convincingly on the importance of blood donation. The camp was organised through Rastrothana Blood Bank, a professional social organisation. 60 units were collected from the employees and well wishers of Bhoruka Group.

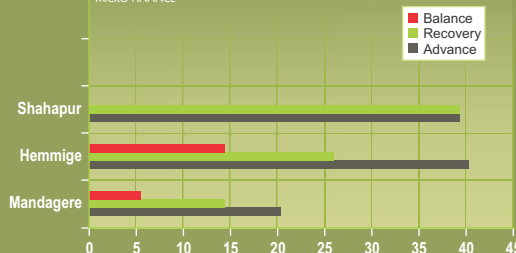


Sri. Krishnamadhav speaks at the Blood Donation Camp



Our Blood Donors

PRABHUDHAN RURAL DEVELOPMENT TRUST
MICRO FINANCE



Total from the start (in lakhs)

	Advanced	Recovered	Balance	Groups
Hemmige	40.72	25.84	14.88	62
Mandagere	20.25	14.88	5.37	21
Shahapur	38.75	38.75	0.00	87
Total	92.72	75.44	20.25	



BHORUKA

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