

VOLUME 10 • NO.4

minds AND mettle

MSPL NEWS BULLETIN



OCT.-DEC. 2007

SOARING HIGHER WITH THE WINDS OF CHANGE



First Prize for Independent Power Producer
under Wind Programme
(2002-07)



Her Excellency the President of India, Smt. Pratibha Patil presenting the Presidential award for Independent Power Producer under Wind Programme (2002 - 2007), to Shri Narendrakumar A. Baldota, CMD, MSPL Limited. Also seen are Shri Vilas Muttemwar, Union Minister and Shri V. Subramanian, Secretary, MNRE.

Investing in renewable energy has always been a rewarding experience

MSPL ended the last quarter of 2006-07 on another high note, with recognition coming from the highest office of the Nation.

MSPL was awarded the first prize by the Ministry of New and Renewable Energy (MNRE), Government of India for its excellence as an IPP (Independent Power Producer) under Wind Energy Programme during the 10th Five- year plan period (2002 - 2007).

The Award ceremony was an integral part of the Silver Jubilee celebrations of the Ministry of New and Renewable Energy, which were held at Vigyan Bhavan, New Delhi. The Hon'ble President of India, Smt. Pratibha Devisingh Patil presented the 1st Prize award to Shri Narendrakumar Baldota, Chairman & Managing Director, MSPL Limited and the Baldota Group.

Besides being another important landmark achievement in its repertoire, this is an affirmation of MSPL's commitment to leap forward in the Wind Power industry and propel India towards Energy Independence.

**from 1.5 MW
in 2001
to 191.6 MW
in June'07**



Excellence in Safety

Mines Safety Week - 2007



Even as MSPL achieves tremendous growth and imbibes the latest mining technologies, safety across mines remains a constant feature.

There is an omnipresent awareness of the need to protect the health and lives of our workers. From procedures, to awareness training, to best of breed equipment; safety is an active everyday feature across multiple levels at MSPL. So much so that it is a shining example for mines across the region. The recently concluded Mines Safety Week - 2007 was a case in point.

The Mines Safety Association Karnataka observed "Mines Safety Week - 2007" across its three zones between 19th November & 8th December, 2007.

This year the State level final day function was hosted by Vijayanagar Minerals Pvt. Ltd. at JSW Sports Complex, Toranagallu on 9th December, 2007.

Showcasing its continuing tradition of excellence in Mines safety, the Baldota Group Mines bagged the highest accolades.

MSPL won the following prizes in the individual trade test at both zonal & state levels:

First Rank in Trade Test prizes.

First-Aid team won the **State level First Prize**.

Employees bagged **16 prizes** in Zonal level trade test and **2 prizes** in State level trade test competitions.

THE AWARDS WON BY THE INDIVIDUAL MINES ARE AS FOLLOWS :

MSPL - VIOM	
Standard of Working	1st Prize
Drilling & Blasting	1st Prize
Operation & Maintenance of Machinery	2nd Prize
Welfare Amenities	2nd Prize
Hazard Identification & Risk Management	2nd Prize
Overall Performance	2nd Prize

RMMPL - SIOM	
Operation and Maintenance of Machinery	1st place
Welfare Amenities	1st place
Overall Performance (Both Zonal and State level)	2nd place

IYLI MINE	
Standard of Working	1st place
Hazard Identification & Risk Management	1st place
Drilling and Blasting	2nd place
Overall Performance (Both Zonal and State level)	1st place

PVS	
The PVS Mines Employees Bagged 4 Prizes in Trade Test competitions.	
Operation and Maintenance of Machinery	1st Prize
Welfare Amenities	2nd Prize
In addition to the above, PVS Mines also won the Finals of the Cricket match held on the occasion.	

BIOM	
The BIOM mine bagged a total of 3 prizes during the mines safety week celebrations.	
Human Resource Development Group "C"	1st Prize
Hazard Identification & Risk Management Group "C"	1st Prize
Operating & Maintenance of Machinery Group "C"	2nd Prize

The individual prizes won by Baldota Group employees, during the Mines Safety Week - 2007, at both zonal and state level are as follows:

Name of Winners	Trade Test	Zonal Level	State Level
Vyasanakere Iron Ore Mine of M/s MSPL			
Gajendra	Hy. Excavator 3 Cu.m.	1st	
K. Seenappa	Mine Mate	1st	
Karunakar Rao Chowduri	Mine Foreman (Dip)	1st	
Team	First Aid	1st	
Puttanna	Best Male (HPT) Consolation	1st	
Lakshmi Devi	Best Female (HPT) Consolation	1st	
Gurusiddappa	Tipper Driver	2nd	
N. Honnurappa	Kannada Slogans	2nd	
G. Thippanna	Rock Drill Assly.	3rd	
Imama Sab	Rock Drill Assly.	3rd	
M. Honnappa	Blaster	3rd	
G. Hanumantha	Welder	3rd	
Mallapur Dodda Balesab	Electrician (ITI)	3rd	
Venkatesh	Electrical Diploma	3rd	
Y.M. Nataraj	Hindi Songs	3rd	
Y.M. Nataraj	English Songs	3rd	
Pathikonda Iron Ore Mine of M/s PVS			
PVS	Cricket	1st	
D. Guraiah	Blaster	1st	
Ramanjini	Tug of War - HPT	1st	
Kiran Kumar	Tug of War - HPT	1st	
K. M. Srinivas	Tug of War - HPT	1st	
T. Santhosh	Tug of War - HPT	1st	
M.S. Suresh	Tug of War - HPT	1st	
Gangadhar Reddy	Hy. Excavator 3 Cu. m.	2nd	
Sachidananda Iron Ore Mine of M/s RMMPL			
M. Mallesh	Mechanical Fitter	1st	
Hulugappa	Tug of War - HPT	3rd	
U. Hanumantha	Tug of War - HPT	3rd	
Laxmana	Tug of War - HPT	3rd	
S.M. Sajeegh	Tug of War - HPT	3rd	
N. Yerriswamy	Tug of War - HPT	3rd	
Iyli Gurunath Iron Ore Mine of M/s RMMPL			
K.G. Naveen Kumar	Telugu Slogans	1st	
S. Satish	English Slogans	3rd	

Excellence in Safety



Mr. P.N. Krishnamurthy and Mr. K. Madhusudhan, DGM-Mines, receiving the award for overall performance during the safety week from Mr. M.M. Sharma, DGMS - Dhanbad. Also seen in the picture is Mr. Meda Venkataiah, ED-Mines.



Mr. Dasharath & Mr. M.V. Ramanamurthy receiving overall prizes from Dr. Vinod Nowal, Director - C, JSW. Mr. Meda Venkataiah, ED-Mines also graced the occasion.



Mr. Nagesh Shenoy and team receiving the 1st prize for overall performance from Mr. M.M. Sharma, Director General of Mines Safety, Dhanbad.



Mr. A. Soloman, MM - BIOM being presented the 1st prize from Mr. Somasekar Reddy.



The victorious PVS Mines Cricket team receiving the award from Mrs. Nowal.

Use your leisure for improvement.

5th Enviro International Expo & Conference

Shri Subbirami Reddy, Hon'ble Minister of State for Mines inaugurated the 5th Enviro International Expo & Conference at New Delhi along with Shri. Rahul N. Baldota, President, FIMI and Executive Director, MSPL Limited.

Enviro International (EI) series is a biennial international event aimed at engaging environmentalists, industrialists, policy makers, investors and international agencies for promoting environmentally sustainable trade and development.

The event is also aimed at projecting India as a production base for multi-national organisations in high growth mining and mineral sectors and its export potential markets.



CAPEXIL Award



MSPL Limited received CAPEXIL's Top Export Award, 2006-2007. Honourable Lok Sabha Speaker, Mr. Somnath Chatterjee presented the award to Mr. Vijay Shurpali at New Delhi on 1st October, 2007.

Winning Ways

Mr. K. Madhusudhan, Dy. General Manager - Mines, MSPL Limited, won the Smt. Bala Tandon Award for the year 2004-05. This award recognises and applauds the meritorious services rendered by him to improve Ecology, Environment and afforestation in Mining. Seen here is Mr. K. Madhusudhan receiving the award from Shri. R.P. Gupta, President, Mining Engineers' Association of India, while Shri. Meda Venkataiah, ED-Mines, MSPL Limited, looks on with pride.



Keep your mind free from evil thoughts.

Making the world take Notice

6TH WORLD WIND ENERGY CONFERENCE

MSPL is playing a leadership role in the Wind Power industry in India. From small steps it has taken giant leaps forward to become one of the pioneers of wind power in India.

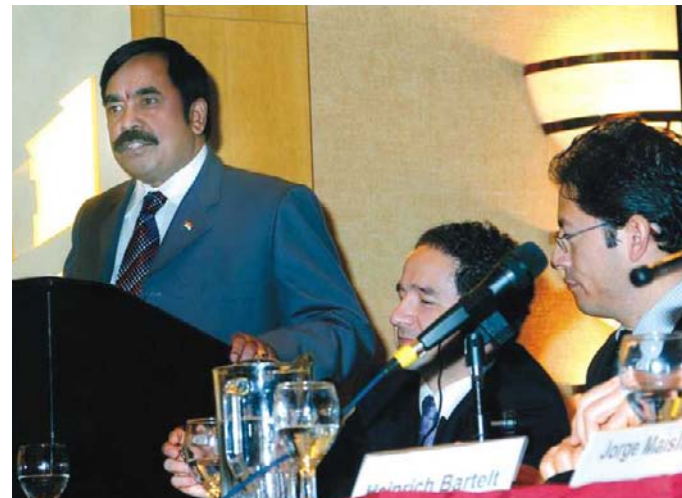
To enumerate MSPL's achievements and outline its future path, Mr. K.V.S. Subramaniam, General Manager (Power), MSPL Limited presented a paper at the 6th World Wind Energy Conference (WWEC) in Argentina.

The paper highlighted the factors conducive to the growth of wind power in India, in the state of Karnataka and also the unique contribution of MSPL (Baldota group) to the consistent growth of wind industry in India.

He started off by highlighting how the ever increasing energy cost and the power demand supply gap have compelled the Indian Industry to look at alternate energy sources. In this context, renewable energy, preferably, the wind energy will have a major role to play in complementing the conventional energy sources available.

INDIA & THE WIND

Power is vital for economic development. The state of Karnataka and for that matter our country visualises an annual GDP growth rate of 8%. In the national scenario of industrial and economic development, the electricity : GDP elasticity ratio is 1.5 which means the power requirement should grow at the rate of 12% per annum. Currently the national energy shortage is 11% and the peaking shortage is 14%. The same is the scenario in the state of Karnataka also. In a nutshell India and its



Mr. K.V.S. Subramaniam, GM-Power addressing VI World Wind Energy Conference and Exhibition at Argentina.

States need power. Disadvantages of generation using fossil fuel are well-documented and the pressing need for a sustainable source is well-accepted.

In this context, renewable energy, preferably, the wind energy will have a major role to play in complementing the conventional energy sources available. Wind is the only Renewable Energy source that has grown faster than the set targets. Interestingly most of this addition has been done by the private sector even as the Government has been vociferous about inadequate private participation. In fact the private participation in wind power in India is to an extent of 97%. From an installed capacity of 1167 MW at the end of 2000, the total installed capacity has increased to 6315 MW as of January 2007. The potential is far from exhausted. Indian Wind Energy Association has estimated that with the current level of technology, the 'on-shore' potential for utilization of wind energy for electricity generation is 65,000 MW.



Consider thoughtfully and then decide positively.

Factors conducive to the growth of wind power in the state of Karnataka

In Karnataka, the State Government as well as the Regulatory Commissions have taken a pro-active view in giving boost to the renewable sources of energy especially wind energy by giving a "Must-Run-Status" for the renewable projects and also such projects are not covered by "meritorder dispatch". By a recent order of the Government of Karnataka, the share of power from renewable sources has been enhanced up to 20% from the existing 10%.

MSPL'S LEAP INTO WIND POWER

MSPL Limited, being part of the Baldota group is a proactive business entity and firmly believes that it is viable to maintain a competitive edge through effective and efficient generation of green power and has thereby taken an initiative in establishing wind parks in Karnataka, Maharashtra and Gujarat. MSPL's premier position as the country's leading Wind Energy producer and its largest CDM project in the world are testimony of its commitment towards wind power.



Baldota Group Wind Installations In India

KARNATAKA	
Chitradurga	36.00 MW
Harpanahalli	97.50 MW
Kundur (Near Harihar)	6.60 MW
MAHARASHTRA	
Dhule	20.00 MW
Satara	1.50 MW
GUJARAT	
Surajbhari	30.00 MW

Total
191.6
MW

ECONOMICS OF WIND POWER

From just about 1% in 2000, Wind Power now contributes about 5% to the total installed capacity. Attractive incentives, decrease in costs, rising costs of conventional fuels, widening power demand-supply gap and enthusiastic private participation are playing a key role.

The typical cost dynamics of generating and pricing power using wind turbines relate to capital, operating and interest costs. Capital costs are those involved in developing a wind farm including cost of equipment, grid connectivity, preliminary studies and infrastructure development in the surrounding areas. They typically represent 70 - 90% of the total project cost. The main components of capital costs are turbines, civil works, electrical infrastructure and grid connection.

The key benefits are lower cost of power generation due to zero input cost coupled with low operational costs.

GRID INTEGRATION

The power generated by the windmill is transmitted to a step-up transformer to enhance the voltage. The electricity is then transmitted via the internal grid to the sub-station located near the site for evacuation.

Presently during the peak wind generation period the contribution of wind power to Karnataka grid is about 10% of its demand. This appreciable wind generation is causing operational problems to the system operators. The variations in wind generation are large and change in wind power output occurs rapidly over a very short duration of time. This type of variation does not give sufficient time for the system operator to respond and can affect the quality of power supplied. In addition, it also affects reliability of supply due to overloading of lines.

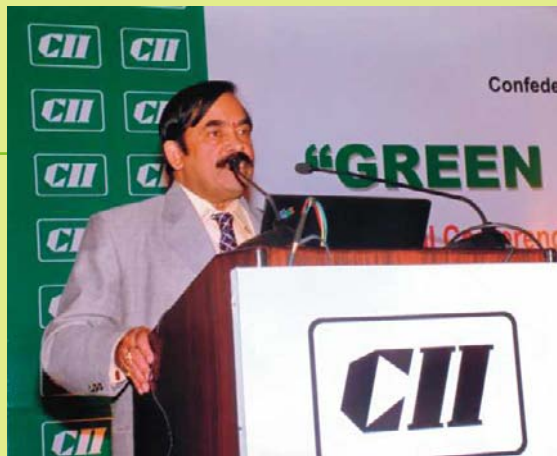
MSPL staunchly believes that a close co-ordination between the power system operator and the wind generator is required to ensure that the end user gets quality power at least cost.

Hold integrity sacred.

Showcasing its Green Prowess

GREEN POWER 2007

International conference and exposition on renewable energy



Mr. K.V.S. Subramaniam, General Manager (Power) addressing the Green Power Expo. organised by CII



Renewable energy assumes tremendous importance as India is witnessing phenomenal growth across sectors of the economy. While this is a welcome trend, there is a growing realisation that it is also imperative to grow in a sustainable and environmentally responsive manner.

To further enhance the promotion of green power in India and to attract more private sector participation in this sector, CII - Godrej GBC took a lead role in organising Green Power 2007.

The main objective of this International conference was to focus on Renewable Energy policies at both State and National level, attracting more corporate investments in Renewable Energy (RE) sector, Financing Mechanisms and latest technologies on green power generation.

The Conference was inaugurated by the Hon'ble Minister for Renewable Energy, Gol, Shri. Vilas

Muttemwar and presided over by the MNRE Secretary, Shri. V. Subramanian. The Conference was attended by more than 175 Delegates from different parts of the Country.

The conference saw 9 Technical Papers presented during the two days on various perspectives of Renewable Energy Technologies like Wind Farm Modelling, Solar Energy, Grid Integration of Wind Power, Grid Connected Power Generation through Bio-mass Gasification etc.

MSPL took this opportunity to highlight its green prowess and share its experiences with the industry. Shri K.V.S. Subramaniam, General Manager (Power), MSPL represented the company and presented his paper on "Techno Economics of Wind Investment-Industry Experience."

The paper was much appreciated by the delegates not only for its explicit appraisal on the achievements of MSPL and Baldota Group in the field of Wind Energy but also for its tinge of pragmatism.



Helping others help themselves

Promotion of Self Help Groups

In terms of making a real difference to the lives of people where we are located, MSPL follows a simple rule of thumb - "It is better to teach people to fish, than to feed them for a day". Our approach to Corporate Social Responsibility is hinged around efforts to make the society self-reliant.

Our aim is to make a difference that will last for a lifetime while we address some of the basic needs of village families in the form of assistance for education, health facilities and infrastructure. Our main focus has been to make women self-reliable.

Towards this objective, MSPL has started a drive to form as many women SHGs as possible. The endeavour is to improve their social status, strengthen their economic position, increase their bargaining capacity and bring out their leadership qualities. We have promoted 30 Self Help Groups in the adopted villages covering 477 families.



Family coverage in SHG

Village	Total Families	Covered by MSPL	
Danapura	302	75	25%
Hanumanahally	440	159	36%
Galammanagudi	203	40	20%
Ingaligi	210	38	18%
Kanvihally	392	165	42%
Total	1547	477	31%

The main activity of these SHGs is thrift and credit, but eventually they are involved in the decision making process of the society. The goal is that by bringing women in the mainstream of the village development process, the SHGs will start operating as an institution connected to the grassroots of the village issues.

During this quarter 10 SHGs were linked with banks for financial support to help members take up income generation programmes.

This initiative saw 102 loans being taken from SHGs by members for various purposes:

- Agriculture • Health • Toilet construction • Learn driving
- House construction & repair • Hotel business
- Child education • Site registration

The formation of these SHGs has been able to make a real difference to the lives of it members. It has:

Increased their leadership quality

Taught them to mobilize programmes

Increased their self confidence

Enhanced their borrowing capacity

EMPLOYEE OF THE MONTH

MSPL

VYASANAKERE IRON ORE MINE

OCTOBER 2007



T. PARAMESH

Mr. T. Paramesh, Purchase Assistant, merits recognition for being quick in picking up the art of floating enquiries for purchasing tools, data compilation and tabled presentation. His acumen has also shone through in learning the new ERP System / SAP. He deserves special mention for successfully getting custom clearance of imports to Mumbai, even though it was his first time and had no prior experience.

NOVEMBER 2007



K. NAGARAJ

Mr. K. Nagaraj, Asst. Technician, HEMM Dept., merits recognition for timely action and self initiation in organising the maintenance of TATRA trucks. He undertook the reconstruction work of the Cross Guider Assy. of Vehicle KA-35/3821, which was not under AMC. He is sincere, obedient and punctual, and efficiently attends to all types of machinery repairs.

DECEMBER 2007



V. BASAVARAJ

Mr. V. Basavaraj, Supervisor, merits recognition for his hard work, sincerity, Leadership qualities and skillful approach in maintaining vehicles and machinery reports. He is a multi skilled personality and punctual in duty.

RMMPL

SACHIDANANDA IRON ORE MINE

OCTOBER 2007



T. MARUTHI

Mr. T. Maruthi, Technician (Blacksmith), merits recognition for utilizing scrap material to make a service station. He has a good imagination and has the urge to take up the initiative in a new task.

NOVEMBER 2007



YOGESWARA REDDY

Mr. Yogeswara Reddy, Sr. Exca. Operator, merits recognition for his dexterity in operating both the Excavator as well as Wheel Loader. He is a safety conscious individual and good in maintenance work.

DECEMBER 2007



THAYAPPA

Mr. Thayappa, merits recognition for his excellent wheel loader operating skills. Sincere and obedient, he is diligent in the maintenance and upkeep of machines.

Weather Station	MONTH	Avg. Wind Speed (Km/Hr)	Min Temp. Degree Celcius	Max Temp. Degree Celcius	Total Rainfall mm
	October '07	1.92	15.5	36.5	96.5
	November '07	2.63	17.0	37.0	0
	December '07	2.62	17.0	36.5	0

Join hands with the virtuous.

EMPLOYEE OF THE MONTH

PVS

PATHIKONDA IRON ORE MINE

OCTOBER 2007



S. SALIM AHMED

Mr. Salim Ahmed, TATRA Operator, merits recognition for his excellent driving skills, which have significantly reduced vehicle breakdown time, enhanced safety and increased productivity. He is also very regular & punctual in attending to his duties.

NOVEMBER 2007



SIVARAM RAMUDU

Mr. Sivaram Ramudu, Mines Foreman, merits recognition for his excellent monitoring of slope stability and continuous watch on any bench failures. He has also commendably contributed in achieving the monthly production target of November, 2007.

DECEMBER 2007



E. PALANI

Mr. E. Palani, merits recognition for initiating timely action in welding work of all types of Machines and Buckets, including vehicles. He was especially able to reduce the down time during the excavator buckets welding. He is sincere, obedient, punctual and has established himself as a worker who is excellent at multi tasking.

RMMPL

IYLI GURUNATH IRON ORE MINE

OCTOBER 2007



MURALI J.

Mr. Murali J., Blacksmith helper, merits recognition for his sincerity and hard work in both welding and blacksmith department. His contribution towards fabrication of dining room and oil room is commendable.

NOVEMBER 2007



K. SHIVKUMAR

Mr. K. Shivkumar, Bus Driver, merits recognition for his contribution in the upkeep and maintenance of the bus. He is sincere, hard working, obedient and punctual in his duties.

DECEMBER 2007

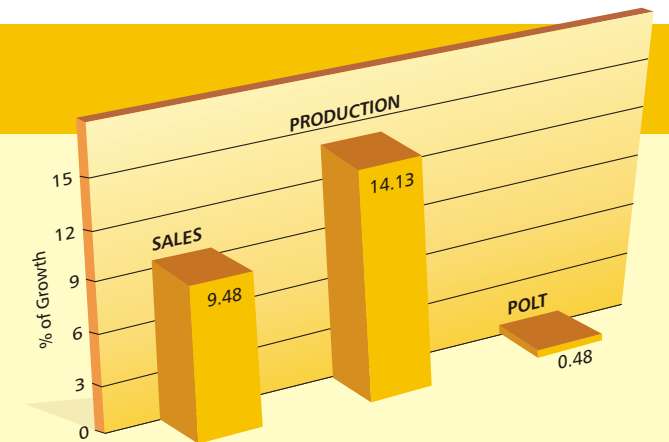



M.K. MANJUNATH

Mr. M.K. Manjunath, merits recognition for his contribution towards maintenance of vehicles. He is sincere, and hardworking, obedient and punctual in his duties.

GROUP GAS DIVISION

The Group Gas Business has shown consistent growth performance in the 3rd quarter of 2007-2008. The Group Gas Business of Baldota Group recorded a growth of 9.48% in Sales (in cum.), 14.13% growth on production and 0.48% growth in Plant Online Time in comparison to the previous year, 2006-2007.

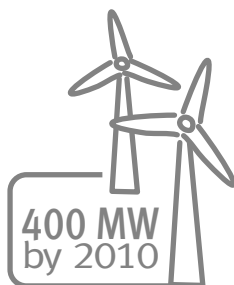




My tomorrow depends
on what you do today

Decisions of today will shape the world of tomorrow.

Representing future generations and their interests in today's decision-making processes is ingrained in the ethos of MSPL. Our approach therefore transcends regulatory, programmatic and jurisdictional constraints, and emphasizes on synergizing ecology and economy.



It is this responsibility towards mother earth and its future residents that has led us to invest in wind energy. An initiative which shall ensure availability of much-needed power for accelerated progress, at a minimal environmental footprint. Today with an installed generation capacity of 191.6 MW we are the largest producer of wind energy in the country and we are on course to double this capacity by 2010.

At MSPL, we want to make a difference and it is our endeavour to gift our children a more sustainable world than the one we inherited.



MSPL LIMITED

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