



WIND CHIMES

NEWS LETTER OF GWPL FAMILY

Issue-1

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www.gwpl.co.in



At the outset, I wish all GWPL staff and their families achievement and success in the new year.

The past year has been one of many firsts and giant strides. We successfully erected and commissioned our first 750kw wind turbine in the UK and our first 2MW wind turbine at Kayathar, Tamil Nadu. Even more significantly, our 2.5MW WTG has been listed in the latest CWET approved models of wind turbines - so not only are we setting standards for performance, but we are being recognised for them too.

The year 2010 has also been notable because we have favourably completed our learning phase, and now can boast of a product portfolio that comprises 225kw to 2.5MW.

In 2011 and the years to follow, we can expect all-round activity on a large scale. All our teams are currently hard at work preparing the groundwork for us to successfully meet and surpass our goals. I look forward to combined commitment towards excellence, from all of us, in our pursuit to be amongst the leaders in the wind energy sector.

To mark the beginning of the new year, I'm also happy to announce the issuing of the inaugural issue of our e-newsletter, "Wind Chimes", a commendable initiative from our HR department.

Wind Chimes interestingly combines informative articles like "Global Warming and how renewable energy helps mitigate this ecological threat," and a write-up on the Quality Department with lighter articles like "The views of a fresher at GWPL" as well as pictures of training programs conducted for staff at various locations. I am sure you will find it useful reading, and urge all of you to participate heartily in this venture.

Once again, Happy New Year

And look forward to the best from you and to you in 2011.

Warm Regards

M. N. Sudhindra Rao



"THE CASE FOR RENEWABLE ENERGY"

by **V. Vasudevan**,
Sr. Vice President - Marketing

Dear Friends,
NEW YEAR GREETINGS TO ALL.

As you are all aware, the entire world is concerned about Global Warming and Climate Change. What is Global Warming?

Over the last 100 years, the average air temperature near the Earth's surface has risen by a little less than 1 degree Celsius or 1.3 degrees Fahrenheit. Doesn't seem that much, does it? Yet, Scientists say it is responsible for the conspicuous increase in droughts, floods, snow, hurricane, volcano, etc, as seen in recent years.

Their data show that an increase of one degree Celsius makes the Earth warmer now than it has been for at least a thousand years. The top 11 warmest years on record have all been in the last 13 years, said NASA in 2007, and the first half of 2010 has already gone down in history as the hottest ever recorded.

Projections from the UN climate change body, the Intergovernmental Panel on Climate Change (IPCC), say that global surface temperature will probably increase (2.0 to 11.5 degrees Fahrenheit) during the 21st century.

Global Warming is defined as the increase of the average temperature on Earth. As the Earth is getting hotter, disasters like hurricanes, droughts and floods are getting more frequent.

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GLOBAL WIND POWER LTD.

e-newsletter - January 2011

Are climate change and global warming one and the same?

In a nutshell: global warming is the cause, climate change is the effect.

In the past, climate change was triggered by changes in the sun's energy output, the changing position of continental plates, or the rotating axis of the Earth itself. Many plants and animals were able to adapt to these slowly changing climate. Even humans have changed their habitat according to the appearance and disappearances of glaciers.

These entire so-called natural forces, however, have been ruled out as the cause for the warming visible in the last 30 years. Since 1980, temperatures have risen faster than ever before. Not since the dinosaurs died out has Earth suffered such a rapid loss of plants, animals, and ecosystems. Our destruction of nature could be even more costly than our greenhouse gas emissions.

Many species simply won't be able to adapt fast enough. According to the most recent UN assessment, 20 to 30 percent of the Earth's plant and animal species face extinction if the temperature increases by 1.5 and 2.5 degree Celsius.

The emission of Co2 increases global warming and Renewable energy is the alternate source for the world to save fossil fuels and to minimize global warming.

Wind Energy is the proven and dependable source among all available renewable energy options.

Wind Energy technology came to India in the late 80's and few 55/110kw turbines were installed in Gujarat and Tamil Nadu. These turbines were of Danish technology and functioned efficiently.

The commercial installations started in 1992 with 225/250 kw capacity. The design of these turbines was from Denmark and till 1994 these turbines were dominating the market. Then came the next range of capacities varying from 300kw to 750kw and many players were active.

Later the turbine size has gone up to 1.5MW and now we have a 6MW single turbine !!

The modern turbines are more sophisticated in terms of safety and performance and are quite suitable for low wind areas.

The offshore wind farms are also gaining momentum and shortly 15 to 20% of the world energy requirement will be met by Renewable power.

Let us all be proud that we are part of Green energy revolution and saving Mother Earth from global warming.

MY JOB TALK



by Saurabh Dhapodkar

Warm greetings to all the respected Gentlemen and the hard-to-find Ladies in Global Wind Power Ltd. Taking this opportunity to introduce myself, I have been recently incorporated as Business Analyst in the GWPL family based in Mumbai Office in the month of Oct-2010.

Freshly out of college, I have worked as Business Analyst in a management consulting firm for a year. The processes were systematic to the level that the day the I-card is not recorded at the gate, a pop-up used to come the next time you login into the system which prompted us to record the leave. The employees were mechanized, and the task given to each and every one was fixed and limited.

GWPL offered me a wide variety of work, and the realization dawned upon me in the first month that the learning would be much higher and the scope is much wider. The systems are getting into place and a rare opportunity is presented to me to witness of how the functions are developed and be a part of the development process. I have been closely working with the marketing, strategy, IT, finance and the production team. With the huge forthcoming projects on the horizon, the necessity of co-ordination between various groups and their importance towards achieving the targets is huge. The building blocks have been laid; they just need to be connected.

With this, I would like to thank GWPL family for entrusting me this opportunity and I would work my best towards achieving the mammoth target.

Summing up,

Each day begins with a new challenge, each day is a real show and the performers are the ground level employees who are working very hard to achieve the goal.



DEPARTMENT INSIGHT

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QUALITY DEPARTMENT



by **Vikas Dighe**
Assistant Vice President
(QA & Design)

QUALITY : GLOBAL PERSPECTIVE

Concepts of Quality function have changed drastically since last two decades. Today's world looks at Quality Function in entirely different manner, which is as follows :

Characteristic	Old Concepts	Current Approach
Basics	Quality of product	Quality of all organizational output
Areas of work	Product line	All direct & indirect processes – organization wide
Approach	Quality by Inspection	Quality through process control
Philosophy	Cost is not my baby	Quality-Cost-Time triangle
Goals	Filtering un-acceptable products accurately	Achieving acceptance in sigma levels
Social Concepts	Limited to self	Covers all affected parts of Society within and outside the premises
Vision	Limited to product Quality Control	Expanded to consider global factors and covers QC, QA, Systems, Safety, Environment, Social etc. through Quality Management
Challenges	Local with limited customer base	Being globally recognized & cost competitive

QUALITY AT GLOBAL WIND POWER LIMITED

GWPL management has a very strong focus on quality and customer satisfaction. The quality system at GWPL is built on these twin principles, with emphasis on continuous improvement. The initial challenges like young staff, new technology and technology transfer issues, had to be addressed for establishing a robust quality system. Over the last 9 months significant and positive improvements have helped GWPL achieve consistency in process and product quality.

Perspective	Yesterday	Today
Product Quality Requirements	Flexible, with frequent changes	Well understood and maintained throughout product Cycle
Supply Quality	Failures were being identified at a later stage during manufacture, resulting in re-work.	Supplier Quality Control established, avoiding re-work.

Perspective	Yesterday	Today
Customer Satisfaction	Initially apprehensive customers	Happy and satisfied customers looking for long term association
Systems	Basic ISO 9001 – 2000	Upgraded to ISO 9001 – 2008 standard, implementation of Occupational Health & Safety (OHSAS 18001) and Environmental (ISO 14001) started

QUALITY : A SUCCESS STORY

GWPL management recognized a major challenge in towers section during process evaluations for improvements during first half of year 2010. Tower flange flatness control was in need of improvement. Hence a flange flatness control program was established and successfully implemented from August 2010.



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Sr. Executives in Green for Training Programme at Silvassa



A Joint Innovation



Joyous Interlude



Start to a New Horizon



The Winning Team



Another Winning Engine



Mumbai Marathon



Brainstorming is underway



Strength from Grass Root



Foot Soldiers at the class room

JOKES CORNER



Son goes out in the morning and does not return until late night. Mother is very worried and waits near gate with a Broom to punish her son. On seeing his mother, the son says "Mom are you still cleaning the house? Don't over-work"!!!

by
Mr. S.P.Raja,
Nacelle Dept., Silvassa.

A man, complaining of headaches, entered a hospital for diagnostic tests. A doctor examined the results for a brain scan and told the patient, "I have bad news and good news for you. The bad news is that you have a serious brain disease and will die without treatment. The good news is that this hospital has developed a new procedure for brain transplants and due to a car accident this morning two 'fresh' brains are available: one is from a taxi driver and the other is from a scientist. The brain of the taxi driver costs Rs.225,000, while that of the scientist is only Rs.29.95." Puzzled, the patient asked, "Why is the scientist's brain was so much cheaper?" The doctor replied, "It's used."

by
Mrs. Selvi,
Finance Dept., Chennai

A disappointed salesman of Coca Cola returns from his Middle East assignment. A friend asked, "Why weren't you successful with the Arabs?" The salesman explained. "When I got posted in the Middle East, I was very confident that I would make a good sales pitch as Cola is virtually unknown there. But, I had a problem I didn't know to speak Arabic. So, I planned to convey the message through three posters.



First poster: A man lying in the hot desert sand...totally exhausted and fainting.
Second poster: The man is drinking our Cola.
Third poster: Our man is now totally refreshed.

And Then these posters were pasted all over the place. "Then that should have worked!" said the friend. "The hell it should had!?" said the salesman. "Didn't realize that Arabs read from right to left".

by
Mr. Hari Asnani,
Marketing Dept. Mumbai