



PRESENTATION

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ON
SPECIAL SESSION ON WIND POWER GENERATION

AT
**R.E. REGULATION INDIA 2010 CONFERENCE – WISE,
PUNE**

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5000 MW BY 2015
(DO WE WANT IT OR **NOT?)**



INTRODUCTION

- The Prime Minister's clarion call for 15% by Renewables by 2020
- Is this call responded by thinkers and planners ?
- Black spots of the industry in the early days is thrown up again and again
- Oil and coal is not going to last for ever – there is no alternative to renewable energy. (TINA Factor).
- If we want to achieve 5000 MW then



ROLE OF REGULATORS

- Introduction of Renewable Energy Certificates (REC)
- Generation Based Incentive (GBI) is exclusive tariff or PPA.
- Carbon credit is also NOT a part of tariff.
- Grid Code : Implementation to be done carefully.
- Scheduling of power - Too early to introduce.



ROLE OF GOVERNMENT CENTRAL / STATE

- We thank Ministry of New and Renewable Energy for introduction GBI for 4000 MW.
- Revisit Rs.0.50 paise per unit and a cap of Rs.62.5 lakhs /MW at a later date.
- Continuation of TUF on a stand-alone basis as Textile sector is a big captive power segment.
- Make RPO obligation mandatory to all major foreign investments into the country.

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ROLE OF GOVERNMENT CENTRAL / STATE

- Encourage indigenous component manufacture for volume production and cost reduction.
- Continuity of Accelerated Depreciation – NOT a subsidy nor a negative incentive.
- Attitude of State governments towards wind power exploitation.



INDUSTRY AND RESEARCH

- Wind Resource Assessment and Wind Atlas – C-WET and other organisations.
- Retrofitment and Repowering – Draw up a policy with State and Central governments. (Wise initiative)
- Real Time Forecast (RTF) – To help utilities and remove the taboo of infirm power. (IWTMA)
- Industry to redefine Quality goals and cost goals by volume.

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INDUSTRY AND RESEARCH

- Entry of large players such as Siemens, GE and Gamesa and presence of Independent Power Producers such as CLP and Acciona demonstrate large capacity building and utilisation.
- Readiness for servicing turbines – creation of green collar jobs, support of academia for various educational courses.
- Propagate Wind Diesel as a stand alone power source.



CONCLUSION

- 12000 MW or Rs.60,000 Crores investment by private sector is no mean achievement
- Recession, which is now behind us, will ensure the industry to surpass 2000 MW milestone in 2010 – 11 – combination of Accelerated Depreciation projects and GBI projects.
- Irrespective or rethinking of Accelerated Depreciation projects beyond 11th plan period will not dampen the growth of GBI projects.

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CONCLUSION

- 5000 MW by 2015 is a achievable road map we can achieve if all stakeholders put their heads together.
- Land issues / Transmission lines may play spoilsport.
- The social impact of wind energy projects in rural areas in spite of stray negative connotation is still very positive.
- Wind energy or this benign power has its contribution towards Climate Change and prevention of Global Warming.



5000 MW by 2015 ?

The answer, my friend, is blowing in
the wind



Thank you