

Dear Sir/Madam,

Energy 2016

Current & Emerging Trends in Energy Sector

Thursday, 25th February 2016, Vivanta by Taj – Connemara, Chennai

We are glad to inform you that FICCI TNSC is organizing its annual **Energy Conference “Energy ‘16”** on **25th February 2016** the **Vivanta by Taj**, Connemara, Binny Road, Chennai.

The Indian power sector is undergoing a significant change that is redefining the industry outlook. Sustained economic growth continues to drive power demand in India. The Government of India's focus to attain "Power for All" has accelerated capacity addition in the country. At the same time, the competitive intensity is increasing on both market side as well as supply side (fuel, logistics, finances and manpower). The Planning Commission's 12th Five-Year Plan estimates total domestic energy production to reach 669.6 million tonnes of oil equivalent (MTOE) by 2016–17 and 844 MTOE by 2021–22. By 2030–35, energy demand in India is projected to be the highest among all countries according to the 2014 energy outlook report by British oil giant, BP. As of July 2015, total thermal installed capacity stood at 191.6 gigawatt (GW), while hydro and renewable energy installed capacity totalled 41.9 GW and 36.5 GW, respectively. At 5.8 GW, nuclear energy capacity remained broadly constant compared with the previous year.

Indian solar installations are forecasted to be approximately 2,200 megawatt (MW) in 2015, according to Mercom Capital Group, a global clean energy communications and consulting firm. India's wind energy market is expected to attract investments totalling Rs 1,00,000 crore (US\$ 15.7 billion) by 2020, and wind power capacity is estimated to almost double by 2020 from over 23,000 MW in June 2015, with an addition of about 4,000 MW per annum in the next five years.

Rising GDP and the changing structure of the economy in India has resulted in a significant growth in energy consumption over the past 30 years, even as the energy mix appears to be stubbornly dominated by fossil fuels. However, the significant shifts in the energy mix, away from coal and towards oil until 2000s, and the subsequent recovery in coal's share, followed by a period of competition between coal and gas, illustrates the potential for change. This change is most affected by changes in domestic production, especially of gas and renewables. Going forward, India's primary energy consumption is expected to grow at a rate outpacing most large developing countries. Coal will continue to dominate the energy mix, though it will lose some market share to gas and renewables. This increased share of energy imports as a percentage of GDP would place a significant burden on the economy.

With reference to the above this conference is being organized with the following objectives

- ◆ Overview and current trends of the Energy Sector in India and Tamil Nadu
- ◆ Growth Potential of the energy sector
- ◆ Current trends in the renewable energy sector
- ◆ Financing the energy sector and government policies

The Eminent speakers who have been invited for “Energy 16” are **Thiru Natham R Viswanathan**, Hon'ble Minister for Electricity, Non-Conventional Energy Development, Government of Tamil Nadu, **Thiru Mangat Ram Sharma, IAS**, Chairman and Managing Director, Tamil Nadu Energy Development Agency, **Mr Vineet Mittal**, Co-Founder & Managing Director, Welspun Energy, **Mr P Elango**, Managing Director, Hindustan Oil Exploration Company Limited, **Mr John Wood**, International Business Director, AMG Utility Solutions, UK **Mr. Abhijit**, MD, Green Fuel, **Dr M.J. Xavier**, Executive Director, VIT University, **Mr. Denis Bauer**, Managing Director, Areva Renewable Energies India Pvt Ltd, **Mr. G. Pandian**, Engineering Officer, Electrical Appliances Technology Division, Central Power Research Institute, Ministry of Power, GOI, **Mr. Vishnu Vardan**, Head, Regional Centre, BSE.

The conference would have participation from Senior professionals and experts in the Energy sector, Manufacturing sector, Network & Distribution Companies, Oil & Gas Producers and Refiners, Fuel Suppliers, Research & Development Organizations, Environmental Consultants, Operations Managers, Energy Auditors, Consultants and Project Developers, PV plant installers and system consultants, Wind farm developers, energy consultants and others involved in the energy Sector.

The special attraction in the conference would be the B2B meetings at the end of the conference which will serve as an excellent opportunity for you to meet your potential organizations. The list of companies participating for the B2B meeting will be shared prior to the event. The delegate fee for the event would be Rs. 2000/- (with B2B participation) Rs. 1500/- (without B2B participation)

We would be grateful if you could kindly confirm your participation through mail/ e-mail at the earliest, along with the duly filled up Registration Form attached with this email. For further details, you may please contact Mr. Rufus HK George, Asst. Director (Tel: 044 42849613 – 15 Fax: 044 42849618, E-mail: rufus.george@ficci.com/ tnsc@ficci.com)

We look forward to your kind confirmation.

Yours faithfully,

Ruban Hobday
Head
FICCI TNSC

