



25th February 2016, Chennai

FICCI Tami Nadu State Council had conducted the annual Energy Conference on 25th February 2016 at Hotel Vivanta by Taj Connemara, Chennai. The event was well received with more than 130 participants from core energy and related sectors.



Mr. M. Rafeeqe Ahmed, Chairman, FICCI TNSC Tamil Nadu said that Tamil Nadu constitutes 9% of the total installed electricity generation capacity of India, which is mainly from fossil fuels. The private sector has a 47% share in the total installed capacity. Renewable power forms 52% of the total installed capacity (including small hydro). The total renewable energy potential here is over 720,000 MW (including grid connected and off-grid power). He added with about

one-fifth of all rooftop solar installations concentrated in Tamil Nadu, the state has emerged as the largest rooftop solar market in the country.

Mr M Nandakumar, Convener – Energy Panel, FICCI TNSC, Director & Chief Operating Officer , EDAC Engineering Ltd said that the energy is the key driver of economy and the portfolio continues to be a challenge at every. He mentioned that the present installed capacity was 288,005 MW as on 18 Feb 16, the projected requirement by 2032 would be estimated at 960 GW that should be at 9 percent growth with constant elasticity of demand is a big gap. The Renewables on the other hand has installed 38,822 MW-13.5 % and would likely increase 29 % by 2047.



The energy demand is constituted by majority by energy intensive industries to the extent of 45 %. As a matter of fact these energy intensive units contribute 25% of our GDP of 2.07 trillion USD. The energy demands of these big ticket consuming industries depend primarily of fossil fuel still he quoted.

Mr. K.E. Raghunathan, Managing Director, Solkar Solar Industry Ltd., said it would not be right to compare power purchase agreement pricing in different States. The pricing depends on various factors and cannot be uniform across the country. He said that the government has set a target of 100 GW of solar power in the next six years. In the past 30

years, we have achieved only 5 GW. The target for achieving 1,60,000 million units of electricity every year requires evacuation and transmission facilities.

Mr. Murari IAS (Retd) , Adviser to FICCI President and Former Secretary to President of India said that considerable importance has to be given to avoiding Transmission and Distribution losses he said overloading of exiting lines and substations, Higher amount of current flow, poor repair and maintenance and non-installation of sufficient capacitors or reactive power equipment increases transmission and distribution losses. He also added that theft, pilferage of electricity should be prevented to ensure conserving power in the state.

Mr. Ruban Hobday, Head, FICCI TNSC gave the vote of thanks and mentioned that FICCI would actively take up activity to focus on the energy sector in Tamil Nadu in the forthcoming days with seminars, workshops and related conferences.



L – R : **Mr. Murari IAS (Retd)** , Adviser to FICCI President and Former Secretary to President of India, **Mr. Ruban Hobday**, Head, FICCI TNSC, **Mr. M. Rafeeqe Ahmed**, **Chairman**, FICCI TNSC, **Mr. K.E. Raghunathan**, Managing Director, Solkar Solar Industry Ltd., **Mr M Nandakumar**, Convener – Energy Panel, FICCI TNSC