



NEYVELI LIGNITE CORPORATION LIMITED

NAVRATNA - Government of India Enterprise

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PRESS NOTE

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NLC Plans to set up 4000 MW Solar Power Plants

Shri B. Surender Mohan, CMD, NLC informs,

while inaugurating 10 MW Solar Power Project at Neyveli

NLC is planning to establish, 4000 MW Solar Power Projects in Southern States, in line with the National Solar Mission announced by the Government of India, said Sri B. Surender Mohan, CMD, NLC, while inaugurating 10 MW Solar Power Project at Neyveli, the 1st Renewal Energy project of the company.

RENEWABLE ENERGY

NLC is now operating, Thermal Power Stations of 4240 MW capacity in Neyveli, Barsingsar in Rajasthan State and Thoothukudi. The company is expanding its power generating capacity by setting up of Coal based Power Station and Renewable Energy Projects like, Wind Mills and Solar Power Plants.

GREEN ENERGY PROJECT

To start with, the company has established a 10 MW Solar Photo Volatic project at Neyveli, at a cost of Rs.74.60 Crores. This is the 1st Renewable Energy Project, commissioned by NLC, M/s. Bharat Heavy Electricals Limited, The Engineering, Procurement and Commissioning Contractor of this project, will operate and maintain the project for a period of 3 years, after the performance guarantee period of 1 year.

48,000 SOLAR PANELS

This power plant installed in an area of 54 acres and 48,000 Solar Photo Voltaic modules (Solar Panels), each with the power generating capacity of 240 Watt are fitted for the project. This Solar Panels are fitted in 2000 Module Mounting Structures, each contains 24 Nos. Solar Panels. Solar PV Modules generate electricity (Direct Current (DC)) on receipt of photons from sun. And was, subsequently, converted into Alternative Current (AC), by special instruments. The power generated from this plant is evacuated through 33 KV Power Station and transmitted to the Switching Station of Neyveli Thermal Power Station-I and finally fed to the Tamilnadu Generation and Distribution Corporation, the former TNEB. TANGEDCO - the sole beneficiary.

TANGEDCO-THE SOLE BENEFICIARY

The projected power generation of this project in 1st year is 164 lakh units. Till date, the project has generated 8.65 lakh units of electricity during the trial-run period. The entire power will be fed to Tamilnadu Generation and Distribution Corporation. The power purchase agreement for the project had already been signed. NLC is setting up 51 MW Wind Power Plant at Kazhuneerkulam Village of Tirunelveli District. Among the 34 units of each 1.5 MW capacity, 9 wind mills have already been commissioned. The balance units are expected to be commissioned, during this year. TANGEDCO is the sole beneficiary for the wind power plant, also.

NATIONAL SOLAR MISSION

As part of the National Solar Mission, Government of India, has set a target to achieve 1 lakh MW of Solar Power by the year 2022. NLC is joining hands with Government of India for the mission and plans to establish around 4000 MW Solar Power Projects in the State of Tamilnadu, Pondicherry, Karnataka, Kerala, Telungana and Rajasthan by participating in the Solar Power Parks, announced by the State Governments. These projects will be implemented based on land availability and techno economic viability of the project.

EXPANSION OF SOLAR POWER PROJECT

To start with, land has been identified in Neyveli Township for the installation of 130 MW Solar Power Project. Apart from that, the company has taken a decision for setting up 25 MW Solar Power Project in Barsingsar, Rajasthan at a cost of Rs.167.29 Crores. By this project, NLC power generating capacity and its renewable energy will be increased.

SOLAR ENERGY FULFILLS 27% ENERGY DEMAND

In his speech, Shri B. Surender Mohan, CMD, NLC quoted the International Energy Agencies Survey and informed that, by the year 2050 Solar Energy will fulfill about 27% of the world's electricity demand. These solar projects will replace Thermal Power Stations, which otherwise would produce about 600 Crore Ton Carbon-Di-Oxide, to generate this quantum of power. Considering the importance of Solar Energy, NLC is planning, its capacity addition in the solar energy field, also, he said.

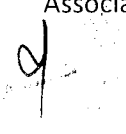
Good Cooperation from Govt. of Tamilnadu

While stating the cooperation extended by Govt. of Tamilnadu, Shri B. Surender Mohan, informed that the Chief Secretary, Chairman, TANGEDCO and District Administration are extending very good cooperation to NLC. TANGEDCO is the major customer of NLC and getting about 45-50% of power generated by NLC. He happily announced that, TANGEDCO came forward to buy the Solar Energy from NLC at the cost of Rs.7.01, the highest price in the country for solar energy.

PARTICIPANTS

Shri Sarat Kumar Acharya, Director (HR) and CMD designate, NLC, Shri Rakkesh Kumar, Shri S. Boopathy, Shri V. Thangapandian, Directors of NLC, Shri S. Rajagopal, Former Director(Power), NLC, Shri Shivraj Singh, CVO, NLC, Shri K.M. Suresh Babu, Executive Director (Thermal Power Stations), Shri K. Sridhar, Executive Director (Neyveli New Thermal Power Station) graced the occasion.

Senior officials & employees of NLC and BHEL, representatives of Trade Union, Engineers and Officers Association participated in the event.


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