

## Refex Executes Two Solar PV Power Plants In Remote Bikaner

With 50 per cent annual increase in solar power installations executed by it during the last three years, Refex Energy Ltd.'s growth trajectory is a shining example of India's resurgent solar PV (photovoltaic) plants sector. The latest in the bouquet of installations done by Refex Energy is the successful commissioning of two large-scale grid connected solar PV plants with total installed capacity of 20 MW in the Bikaner district of Rajasthan on February 25. The two plants in Tehsil Kolayat have been developed by NVR Infrastructure and Services Pvt. Ltd. in village Kisnayat Budhan and by Sai Maithili Power Company Private Limited in village Gurha. Both the plants of 10 MW each have been developed under the Jawaharlal Nehru National Solar Mission Phase I, Batch II, and will produce approximately 34 million Kwhr of eco-friendly electricity every year.

According to Managing Director Refex Energy Anil Jain, "Refex Energy's long experience in clean energy segment along with a dedicated in-house team for design and execution and a very acute local knowledge base gives us a strong competitive advantage. Given the short period of time for installation of the two projects (four months), we pooled together the best of our talent and resources to ensure that the plants were engineered meticulously to generate maximum output possible". Refex Energy provided the entire range of services from design, engineering, procurement, logistics, construction and commissioning. Mr. Jain said, "In 2010 there was hardly any production and the installed capacity of solar PV plants that were grid connected was around 13 MWp and if we include off-grid, the figure would not go beyond 30 MWp.

The scenario has completely changed today with the initiation of the Jawaharlal Nehru National Solar Mission, state initiatives, stringent rules being established in the Power Purchase Agreements and provision of subsidies. Solar PV plants have taken a big leap forward and are all set to fulfill a target of 1500 MW by March 2013." The JNNSM aims at deploying 20,000 MW by 2022 in the country. The company has set up turnkey solar PV from concept to commissioning for



**NVR Infrastructure and Services Private. Limited**

well known companies like Aditya Birla, SunEdison, Videocon, Kirloskar who have very high qualifying criteria and selection process.

The company also provides operation and maintenance services throughout the life time of the project.

Mr. Anil Mehta, from NVR Infra Structures & Services Pvt. Ltd. says, "Rajasthan being one the highest recipients of solar insulation in the country and coupled with the state's aggressive approach towards promotion of solar power, ensured a very rewarding project for us and with Refex Energy as our technology partner, we hope to set new benchmark for excellence in the field. The penchant of Refex to learn continuously is one of the most heartening features."

CEO of Refex Arun Mehta says, "Continued optimal performance of our already installed plants and the output per KWp is what distinguishes Refex from its peers. Highest yield per MWp and competitive price along with the timely completion of the projects have been the key factors in drawing discerning clients to Refex."

Mr. Niranjan Gopinathan, Head Solar Projects of KSK Group of which Sai Maithili Power Company Private Limited is a subsidiary, said, "With the successful installation of the 10MW PV plant in Rajasthan, KSK Energy's commitment towards green and sustainable energy has gained big momentum. The engineering and execution capabilities of Refex Energy ensured a balanced and harmonious completion of the project in the given limited time frame". In less than four years since its inception, Refex Energy has now cumulatively installed nearly 50 MWp of solar power plants in the most varied and difficult terrains of the country.

Refex Energy has not only engineered the most technically and economically successful installations but is also credited with designing the best performing solar plants in the sector. With 50 MWp completed and more orders in the books Refex aims to have a portfolio of 150 MWp installations in FY13 – FY14 thus giving a significant boost to the nation's solar vision.



**Sai Maithili Power Company Private Limited**