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Press Release

Delhi CM Inaugurates 500 KW of Rooftop Solar Plants in Dwarka

Total net metered solar rooftop capacity in Dwarka crosses 1000 KW (1MW)

- **Rooftop solar will help consumers reduce their electricity bill**
- **RESCO model entails zero cost on part of the consumers**
- **Initiative to maximize the utilization of solar roof top potential**
- **Societies will save between Rs 2 lakh and Rs 8.6 lakh annually**
- **Win-win proposition for BSES and its customers**

New Delhi: As part of BSES Rajdhani Power Limited's (BRPL) "Solar City Initiative – Solarise Dwarka", grid connected rooftop solar plants of 506 KW were energised today in seven cooperative group housing societies (CGHS) in Dwarka and will benefit over 700 flats. Of these, solar plants in four societies have been energised by Oakridge Energy and three plants by Revanta Energy.

Moreover, with the energisation of these solar plants, including the ones that will be energised soon, with the total installed grid-connected solar roof top capacity as part of BRPL' Solar City Initiative in Dwarka CGHS has crossed 1000 KW or 1 MW across more than 14 societies.

The plants are one of the largest under the BSES Rajdhani Power Ltd. (BRPL) 'Solar City Initiative - Solarise Dwarka' initiative launched on Jan 7 early this year. The Solarise Dwarka initiative is being implemented by BRPL in collaboration with TERI and Deutsche Gesellschaft für Internationale Zusammenarbeit (GIZ India) under its Indo-German Solar Partnership project.

The solar plants were inaugurated, today, by Delhi's Hon'ble Chief Minister Shri Arvind Kejriwal in the august presence of Shri Gulab Singh, Hon'ble MLA. BRPL CEO, Shri Amal Sinha and CEO of Oakridge Energy, Shri Shravan Sampath were also present on the occasion. The Hon'ble Chief Minister also presented appreciation certificates to societies who have put their green foot forward and joined BSES' Solar City Initiative.

Benefits to the Societies

On account of the solar plants, these housing societies will cumulatively save around 6.5 lakh units of energy and Rs 32 lakh annually. Out of the seven solar plants, five have been installed

following the RESCO business model and two through the Capex model. In the RESCO model, the residents didn't have to incur any capital expenditure. RESCO model entails providing electricity as a service at a cost identified through the competitive bidding which in this case is 2.66Rs/kWh net of generation based incentive and is around 2.50/kWh less than the tariff. The bidding was administered by SECI (Solar Energy Corporation of India) and Indraprastha Power Generation Company Limited.

Society Name	Number of flats	Installed Solar Capacity (KW)	Units Saved annually	Annual savings (Rs)
Ispat CGHS	195	120	153300	8.6 lakh
Nav Rattan CGHS	54	60	76650	2 lakh
Supriya CGHS	86	46.5	59787	3.78 lakh
Saksham CGHS	67	60	76650	2 lakh
Shree Balaji CGHS	103	130	166075	4.27 lakh
Guru Ram Das CGHS	90	40	51100	5.5 lakh
Kalka ji CGHS	111	50	63875	6.57 lakh

Besides helping BRPL in meeting its renewable purchase obligation (RPO), the pioneering initiative will help the discom minimise overloading issues in congested areas during the peak summer months.

According to a BSES spokesperson, *“BRPL is at the forefront of leading the solar revolution in the city and sees unique benefits of adding distributed generation in its network. We would like to achieve at least 2.5MW of solar installation within Dwarka. We are convinced of the increased role solar and other green energy would play going forward. We want to lead from the front”*

BSES plays the role of an anchor in bridging the gap between the consumer and the vendor. Post installation, BSES carries out inspection for assessing the quality and checking whether it has been done according to the minimum technical requirements. It also does net metering for the project.

Residents of housing societies are quite enthusiastic about the solar plant. One of the residents said, *“In view of the potential cost savings and environmental benefits, the society members took a unanimous decision for installing rooftop solar”*. He further added that *“the business model offered by the installer wherein society doesn't have to invest any amount, led to the quick decision”*.

BRPL' Solar City Initiative

This path breaking 'utility anchored rooftop program' aims to maximize the utilisation of solar roof top potential in South and West Delhi. Unlike conventional methods, under this program, roof top solar installations will be provided at a single point for the entire apartment complex. In the first phase (Solarise Dwarka), societies are being targeted in Dwarka. Looking at the response, the program will be expanded to other residential segments across BSES. BRPL & BYPL are premier distribution companies and Joint Ventures between Reliance Infrastructure Limited and GoNCTD

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