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Press Release

BSES Solar City Initiative

Dwarka CGHS Energises a 100 KW Roof-Top Solar Plant Becomes the First to do so as part of the ambitious utility anchored program

- Each of the 60 flats will save around Rs 4500 annually in their electricity bills
- Solar plant will be able to offset around 32 per cent of a resident's annual carbon emission
- Initiative to maximize the utilization of solar roof top potential
- Initiative in partnership with Indo German Collaboration (GIZ India)

New Delhi: By installing a 100 KW grid-connected rooftop solar plant, the Shiv Bhole Cooperative Group Housing Society in Dwarka has become the first CGHS to go live as part of BSES Rajdhani Power Limited (BRPL) ambitious 'Solar City Initiative - Solarise Dwarka'. By doing so, the residential society has set an example not only for the roughly 250 housing societies in this sub-city, but also for the entire national capital.

The solar plant is first under the initiative launched on Jan 7 early this year. The Solarise Dwarka initiative is being implemented by BRPL in collaboration with Deutsche Gesellschaft für Internationale Zusammenarbeit (GIZ India) under its Indo-German Solar Partnership project.

The plant was inaugurated by Dr Wolfram Klein – Head of Division India; South Asia German Federal Ministry of Economic Cooperation and Development in presence of Mr. Amal Sinha, CEO-BRPL. Dr Klein is visiting India on the occasion of annual Indo-German bilateral consultations. Others present on the occasion included Ms Susanne Dorasil (Head of Economic Cooperation and Development, German Embassy, New Delhi), senior officials from BMZ, GIZ and residents from the CGHS..

Speaking on the occasion, Dr Wolfram Klein, said, *“It is quite encouraging to witness people participating in the energy transition in India: that is the only way to have a sustainable energy transformation; similar to what we saw in Germany”.*

On this occasion, Mr Amal Sinha, CEO BRPL said, *“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.”*

Benefits to the Society

The 100kWp solar plant installed at the housing society would save roughly Rs 4500 annually for each of the 60 households in the society. The plant has been installed by Green Ripples Pvt Ltd following

RESCO business model. 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 2.40/kWh less than the tariff from BRPL. The bidding was administered by Indraprastha Power Generation Company Limited for 84MWp capacity.

Residents of Shiv Bhole housing society are quite enthusiastic about the solar plant. Mr Anant Kumar, President of the Association of the society said that *“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”*.

Solarise Dwarka initiative aims at raising awareness through outreach campaigns for aggregating demand of solar rooftop systems. **On the occasion Dr Winfried Damm Energy Cluster Coordinator at GIZ said** *“The solar plant will be able to offset around 32 per cent of a resident’s annual carbon emission”*. GIZ is proud to be associated with the initiative and plans to upscale the demand aggregation model in other cities in coming years for supporting the Indian Government in achieving its rooftop solar targets until 2022.

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 power distribution companies and Joint Ventures between Reliance Infrastructure Limited and GoNCT.

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