

Diu Smart City becomes first to run on 100% Renewable Energy during Daytime

Ministry of Housing & Urban Affairs

Diu Smart City becomes first to run on 100% Renewable Energy during Daytime**Prototype being tested in Bengaluru Smart City to develop Intelligent Traffic Management Solution****Night bazaar envisaged as part of Jaipur Smart City**

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Diu Smart City has become the first city in India, that runs on 100% renewable energy during daytime setting a new benchmark for other cities to become clean and green. Diu had been importing 73% of its power from Gujarat until last year. It has now adopted a two-pronged approach whereby a 9 MW solar park spread over 50 hectares rocky barren land has been developed besides installing solar panels on the roof tops on 79 government buildings thereby generating 1.3 MW annually. To further enhance its solar capacity, Diu offers its residents a subsidy of Rs 10, 000-50,000 for installing 1-5KW roof top solar panels. Diu is saving about 13,000 tonnes of carbon emissions every year. Due to low-cost solar energy, power tariffs have been cut in residential category by 10% last year and 15% this year.

To improve traffic management in **Bengaluru Smart City**, a prototype of an intelligent traffic management solution is currently being tested in collaboration with the Electronics City Township Authority (ELCITA). It will provide traffic information that is currently unavailable, and help improve management of commuter traffic. It involves capturing video streams from several cameras and processing them using artificial intelligence so that typical traffic management tasks such as vehicle detection, traffic density estimation and control of traffic lights can be automated for real-time performance.

To revitalise urban public spaces and socially activating the area besides generating economic activity, **Jaipur Smart City** Ltd (JSCL) has planned to develop night bazaar at Chaura Rasta, in the heart of Pink city. The JSCL would register up to 700 vendors who will be allowed to set up stalls, including eateries, between 9pm and 1am. The project will provide entertainment, culture and shopping to citizens after office hours.

RJ/SB

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