

VMC INITIATIVES

- The Ministry of New and Renewable Energy, Government of India has included Vijayawada City as Solar City as one among the 60 cities selected in the country, under “Development of Solar Cities” programme during 11th plan period.
- The programme aims at minimum 10% reduction in projected demand of conventional energy at end of next five years.
- Accordingly, Master Plan for Rs.256.50 Crores for development of Vijayawada as Solar City was submitted to MNRE, New delhi

➤ **Master Plan consists of the following proposals:**

1. Renewable Energy:	Physical	Financial
• Solar Energy – On grid	- 10 MW	80.0 Cr.
• Solar SPV	- 5 MW	40.0 Cr.
• Waste to Energy	- 10 MW	100.0 Cr.
• Bio – Methanization	- 02 MW	15.0 Cr.
2. Energy Efficiency:	Physical	Financial
• Solar Water Heating system	- 8.5 Lakhs LPD	17.0 Cr.
• Reduction in the connected Load	- 2.5 MW	2.5 Cr.
• Awareness Generation and capacitive building	- 15 MW	2.0 Cr.

Initiatives Taken up by Vijayawada Municipal Corporation under Development of Solar City.

1. Vijayawada Municipal Corporation has installed 40 KWp off-grid solar power pack system with costing Rs.50.50 lakhs to the School building at JNNURM – BSUP, Jakkampudi Housing Colony in the month of September 2014.
 - HUDCO Grant - Rs. 35.35 Lakhs
 - MNRE Subsidy - Rs.15.15 Lakhs
2. 86 No's of solar street lights have been provided at various locations in the city in December 2011, January 2012 and June 2012.

3. Seminars were conducted to create awareness on Renewable Energy and Energy Efficiency from June 15th 2012 to 17th 2012, 3rd April 2013, 16th March 2015 and 6th April 2015.
4. Energy audit was conducted for the Water supply sewerage pump sets and motors in the year 2010.
5. VMC have provided solar signaling with wireless system at 3 major junctions and Solar Blinkers at 9 major junctions on dt. 6-8-2011.

New Proposals:

1. Vijayawada Municipal Corporation has proposed to install 5 Nos of 100 KW each solar power packs at following locations of the city with each costing at Rs.1.00 Cr. to a sum of Rs.5.00 Cr. with 30% Subsidy from MNRE and approved in council Vide CR,No 488, dt. 14-11-14 then forwarded to NREDCAP, Hyderabad to call the tender to execute the project on BOOT basis vide Lr.No.148888/08,dt. 12-12-14.
 - VMC Main Office.
 - VMC Council Hall
 - Head Water Works
 - Singh Nagar STP
 - Ramalingeswara Nagar STP
2. Vijayawada Municipal Corporation has proposed to install solar powered Modern traffic signaling system at 54 junctions in the city.
3. VMC has proposed to replace existing indoor tube lights in its offices, stadiums and schools with LED lights