

42/1/2016-17/PVSE  
Ministry of New and Renewable Energy  
Government of India  
SPV Off-Grid Division

Block No14, CGO Complex,  
Lodi Road, New Delhi-110 003  
Dated: 31<sup>st</sup> August, 2017

**OFFICE MEMORENDUM**

**Subject: Suggestions to states for installation of solar street lighting systems**

The undersigned is directed to circulate issue related to solar street lighting systems observed by ASCI, Hyderabad during monitoring and evaluation study on solar street lights.

1. The Lead acid batteries should not be preferred for lighting systems. Compact maintenance free batteries based on Lithium Ion family should be adopted.
2. The states are advised that for the installation of street lighting systems, proper training should be given to the local youths and technicians for the maintenance of the solar systems.
3. Community participation should be encouraged for maintaining solar street lighting systems, cleaning of panels etc.
4. States should conduct a customized training program for local ITIs from time to time to provide information about maintenance of solar systems.
5. States need to provide suitable mechanism for creating healthy annual maintenance contract.

This is for your information.

  
31/8/17

(Nikhil Gakkhar)  
Scientist – B

Telefax: 011 24361151  
Email: [nikhil.mnre@gov.in](mailto:nikhil.mnre@gov.in)

To:

- All State Nodal Agencies
- Dir (NIC) to upload on website