1	2	3	4	5	6	7
38.	Meghalaya	0	0	61.4	0	61.4
39.	Mizoram	0	0	48.96	0	48.96
40.	Nagaland	0	0	84.21	0	84.21
41.	Tripura	0	0	36.57	0	36.57
42.	NEEPCO	0	5.51	0	0	5.51
	TOTAL	47482.24	19850	6814.86	11508.9	85655.99

Note: Data as received from State Load Dispatch Centre (SLDC) of the respective States of the electricity department.

Source: Central Electricity Authority (CEA)

Integration of renewable energy sources with the National Grid

1272. SHRIMATI SASIKALA PUSHPA: Will the Minister of NEW AND RENEWABLE ENERGY be pleased to state:

(a) whether it is a fact that out of 279 GW of installed capacity of renewable energy, only 36 GW is included in the National Electricity Grid;

(b) if so, the details thereof;

(c) the factors which hamper integration of renewable energy sources with the National Grid;

(d) whether Government has formulated any road map to enhance renewable based capacity of the National Grid; and

(e) if so, the details thereof?

THE MINISTER OF STATE OF THE MINISTRY OF NEW AND RENEWABLE ENERGY (SHRI RAJ KUMAR SINGH): (a) and (b) No Sir. As on 31.01.2018, the total renewable energy capacity installed in the country is about 65.9 GW, out of which 64.3 GW renewable energy power plants are connected to the National Electricity Grid, and the remaining 1.6 GW are Off-Grid/Captive Power Plants.

(c) to (e) Renewable energy sources (Wind and Solar) are characterized by variability and uncertainty. To address these aspects, a comprehensive plan comprising transmission as well as control infrastructure was identified as a part of "Green Energy Corridors", which includes:

Intra-State, Inter State transmission system strengthening and control infrastructure Establishment of Renewable Energy Management Centres (REMC) at State/Regional/National Load Dispatch Centre levels etc.

The Intra-State transmission scheme is being implemented by respective State Transmission Utilities and Inter-State scheme is being implemented by POWERGRID which are under various stages of implementation. REMCs are also under implementation by POWERGRID.

In addition, in order to integrate envisaged 20 GW capacity of solar power parks (mostly ultra-mega solar power projects), a comprehensive transmission plan including Intra State and Inter State system is also evolved as a part of "Green Energy Corridors-11". Transmission scheme for two nos. solar parks is already commissioned and balance is under various stages of implementation.

Solar Urja Lamps Project in Rajasthan

†1273. SHRI OM PRAKASH MATHUR: Will the Minister of NEW AND RENEWABLE ENERGY be pleased to state:

(a) whether the Solar Urja Lamps project is being successfully implemented in Rajasthan to promote the use of solar energy, under which the local women are provided training to manufacture solar lamps and the unemployed are provided 'Surya Mitra' Training;

(b) if so, the details thereof;

(c) whether there is any proposal to introduce the successful Solar Urja Lamps project of Rajasthan as solar energy utilization model at National level; and

(d) if so, the details thereof?

THE MINISTER OF STATE OF THE MINISTRY OF NEW AND RENEWABLE ENERGY (SHRI RAJ KUMAR SINGH): (a) and (b) This Ministry of New and Renewable Energy (MNRE) had sanctioned One Million Solar Study Lamps scheme in January, 2014 for empowering underserved communities of Rajasthan, Madhya Pradesh and Maharashtra, which has been completed successfully. Thereafter, another scheme

†Original notice of the question was received in Hindi.