

GOVERNMENT OF INDIA
MINISTRY OF NEW AND RENEWABLE ENERGY
LOK SABHA
UNSTARRED QUESTION NO. 652
TO BE ANSWERED ON 23.07.2015

NON-CONVENTIONAL ENERGY PROJECTS

652. SHRI THUPSTAN CHHEWANG:

Will the Minister of NEW AND RENEWABLE ENERGY be pleased to state:

- (a) whether the Government has carried out any survey or feasibility study of the availability of huge potential for harnessing non-conventional Energy sources in Jammu & Kashmir specially in the Ladakh region of the State and if so, the details thereof;
- (b) whether the Government is contemplating launching of Mega Projects in the State including the Ladakh region and if so, the details thereof; and
- (c) whether the Government is aware of existence of the huge potential for harnessing of Geo-thermal energy in this region and if so, the details thereof and the action taken by the Government in this regard?

ANSWER

THE MINISTER OF STATE FOR POWER, COAL & NEW AND RENEWABLE ENERGY
(INDEPENDENT CHARGE) (SHRI PIYUSH GOYAL)

(a): As per various studies undertaken in the past, a potential of about 1.18 lakh megawatt of non-conventional Energy sources has been estimated for the state of Jammu & Kashmir including the Ladakh region of the State. This includes:

- i Solar : 1,11,050 MW
- ii Wind : 5,685 MW
- iii Small Hydro : 1,430 MW
- iv Geo-thermal : 50 MW

(b): The Government has plans to develop Ultra Mega Solar Power Projects (UMSPP) of 2500 MW in Kargil and 5000 MW in Leh regions of Jammu & Kashmir.

(c): Ladakh region of Jammu and Kashmir has good Geothermal Energy potential based on the pre-exploratory study done in past by National Geo-physical Research Institute (NGRI), Geological Survey of India (GSI) and Central Electricity Authority (CEA). The project has been found to be techno-commercially non-viable at present due to lack of power load, high cost of evacuation and transmission of power, Power Purchase Commitment, unavailability of users in the area and due to huge project and evacuation cost.
