

GOVERNMENT OF INDIA  
MINISTRY OF NEW AND RENEWABLE ENERGY  
**LOK SABHA**

**UNSTARRED QUESTION NO. 2925**

TO BE ANSWERED ON 04.01.2018

**POTENTIAL OF NEW & RENEWABLE ENERGY SOURCES IN J&K**

2925. SHRI THUPSTAN CHHEWANG:

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

- (a): whether any survey or investigation has been carried out in Jammu and Kashmir for harnessing various sources of available non-conventional energy sources;
- (b): if so, the details thereof;
- (c): whether the Union Government proposes to promote the non-conventional energy sources in the State as the State in general and Ladakh region in particular has tremendous potential for these sources;
- (d): if so, the details thereof;
- (e): whether the Union Government proposes to install a mega-solar power project in Ladakh; and
- (f): if so, the details thereof?

**ANSWER**

THE MINISTER OF STATE FOR POWER AND NEW & RENEWABLE ENERGY (I/C)  
(SHRI R.K. SINGH)

**(a) & (b):** An assessment was conducted on Solar and Wind Potential across the country by the National Institute of Wind Energy (NIWE) and for Small Hydro Power by AHEC, IIT, Roorkee. The assessment also covered areas of J&K. As per the assessment, the total estimated potential of non-conventional energy in J&K is 112.8 GW as detailed in **Annexure-I.**

**(c) & (d):** Besides various schemes and programmes run by the Ministry of New & Renewable Energy which are available to the State of J&K, the Ministry is implementing two special packages for J&K namely (a) Ladakh Renewable Energy Initiative (LREI) and (b) Prime Minister Development Package – 2015. The Details of these two packages are given in **Annexure – II.**

**(e) & (f):** The Ministry has accorded approval for setting up of one solar park of capacity 100 MW in J&K. Further, it is proposed to set up two Solar PV Projects of 7 MW each with battery storage facility in Leh & Kargil under the Prime Minister Development Package (PMDP) – 2015.

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**ANNEXURE - I**

REFERRED TO IN REPLY TO THE PART (b) OF LOK SABHA UNSTARRED QUESTION  
NO. 2925 FOR ANSWER ON 04.01.2018

Details of total Estimated potential of non-conventional Energy in J&K :-

S.No.	Renewable Source	Energy	Potential (In MW)
1	Solar		111050.00
2	Hydro		1707.45
3	Biomass		42.70
	<b>Total</b>		<b>112800.15</b>

**ANNEXURE - II**

REFERRED TO IN REPLY TO THE PART (f) OF LOK SABHA UNSTARRED QUESTION  
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Budgetary provision for Ladakh Renewable Energy Initiative-2010.

S.No.	Activity	Amount (In Rs.Crore)			Physical Achievement	
		LREDA	KREDA	Total	LREDA	KREDA
1	Small Hydro Projects	127.00	140.00	267.00	6 projects 3.6MW	6 projects 10.00MW
2	SPV Component	80.00	60.00	140.00	<b>Completed</b>	
3	ST Component	32.00	20.00	52.00		
4	Capacity building, training, consultancy Etc.	7.00	7.00	14.00		
	<b>Total</b>	<b>246.00</b>	<b>227.00</b>	<b>473.00</b>		

Budgetary provisions for PM announced Development Package-2015.

S.No.	Projects	Physical Target										
1	Generation – Solar: Two Pilot projects of 14 MW each in Leh and Kargil	14MW										
2	Solar off-grid Home System/Street lights	i. Street Lighting Systems – 20013 ii. Home Lightings Systems – 55000 iii. Solar power plants with aggregate capacity of 2100kWp at 401 locations in Kargil										
3	Small Hydro – Preparation of DPRs and Implementations of SHP projects	123nos. of DPR sanctioned aggregating to 410MW <table border="1" style="margin-left: 20px;"> <thead> <tr> <th>Agency</th> <th>Capacity (MW)</th> </tr> </thead> <tbody> <tr> <td>JAKEDA</td> <td>91</td> </tr> <tr> <td>JKSPDC</td> <td>294</td> </tr> <tr> <td>KREDA</td> <td>2.49</td> </tr> <tr> <td>LREDA</td> <td>23.3</td> </tr> </tbody> </table> 440MW (Estimated/Proposed Capacity addition)	Agency	Capacity (MW)	JAKEDA	91	JKSPDC	294	KREDA	2.49	LREDA	23.3
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