

GOVERNMENT OF INDIA  
MINISTRY OF NEW AND RENEWABLE ENERGY  
**LOK SABHA**  
**UNSTARRED QUESTION NO. 4357**  
TO BE ANSWERED ON 19.03.2020

**SOLAR POWER PROJECT IN LADAKH**

4357. SHRI JAMYANG TSERING NAMGYAL

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

- (a) whether the 7500 MW Solar Power Project which was sanctioned in the year 2014 is executed on ground in Leh and Zaskar regions of Ladakh and if so, the details thereof and if not, the reasons therefor;
- (b) whether the Government has any targeted time to complete the project on ground;
- (c) if so, the details thereof and if not, the reasons therefor;
- (d) whether the Government has any data based report about the potential of Solar, Geothermal, Wind and other renewable energies in Ladakh and if so, the details thereof;
- (e) whether the Government has any plan to explore the renewable energies in Ladakh; and
- (f) if so, the details thereof and if not, the reasons therefor?

**ANSWER**

THE MINISTER OF STATE (I/C) FOR NEW & RENEWABLE ENERGY, POWER and MoS  
for SKILL DEVELOPMENT AND ENTREPRENEURSHIP

(SHRI R.K. SINGH)

(a) to (c) No such project was sanctioned in 2014. The Solar Energy Corporation of India (SECI) issued a tender for development of 7500 MW Solar PV Projects in Leh and Kargil districts on 31.12.2018. Site visits are required to be undertaken by prospective bidders and same would be taken up after melting of snow and gaining accessibility to the sites. Based on inputs from the prospective bidders, further tendering activities would be taken up. The last date of bid submission is 30.04.2020. As per the tender documents, implementation time for the project is 48 months from effective date of Power Purchase Agreement. This apart, two Solar plants of 7 MW capacity with 21 MWh Battery Energy Storage Systems, will be set up one each in Leh and Kargil.

(d) As reported by Union Territory of Ladakh, the details of potential of Solar, Geothermal, Wind and other Renewable Energies (RE) in Ladakh are as under:

RE Source	Leh	Kargil	Total
Solar	35,000 MW	25,000 MW	60,000 MW
Wind	1,00,000 MW	NA	1,00,000 MW
Small Hydro	2000 MW	72 MW	2072 MW
Biomass	Not assessed		
Geothermal	Not assessed		

(e) & (f) The Government has planned to set up following solar projects in Union Territory of Ladakh:

i) Two Solar plants of 7 MW capacity with 21 MWh Battery Energy Storage Systems one each in Leh and Kargil.

ii) 50 MW Solar Project in Leh through Solar Energy Corporation of India Ltd. (SECI).

This apart, National Institute of Wind Energy has taken initiative for setting up of 100 m high wind masks in Leh to collect wind data. The details of constructed / under construction Small Hydro Projects in the Union Territory of Ladakh are given in **Annexure**.

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**ANNEXURE REFERRED TO IN REPLY TO PARTS (E) AND (F) OF LOK SABHA  
UNSTARRED QUESTION NO. 4357 FOR 19.03.2020**

**LIST OF CONSTRUCTED AND UNDER CONSTRUCTION SMALL HYDRO PROJECT  
IN UT OF LADAKH**

**Table-A Constructed Small Hydro Power Projects**

<b>S No.</b>	<b>Name of the Project</b>	<b>Location</b>	<b>Capacity (MW)</b>
1	Iqbal	Kargil	3.75
2	Hunder	Nubra,Leh	0.40
3	Bazgo	Leh	0.30
4	Igo Mercellong	Leh	3.00
5	Marpachoo	Drass,Kargil	0.75
6	Haftal	Zanskar,Kargil	1.00
7	Stakna	Leh	4.00
8	Sanjak	Kargil	1.26
9	Hanu	Leh	9.00
10	Dah	Leh	9.00
11	Sangrah SHP	Sankoo,Kargil	1.50
12	Bairas	Drass,Kargil	1.50
13	Chillong	Taisuru,Kargil	1.00
14	Khandi	Sankoo,Kargil	1.50
15	Matayeen	Drass,Kargil	0.55
<b>Total</b>			<b>38.51</b>

**Table-B Under-construction Small Hydro Power Projects**

<b>S No</b>	<b>Project Name</b>	<b>Location</b>	<b>Capacity (MW)</b>
1.	Tsati MHP	Leh	0.5
2.	Chamshen MHP	Leh	0.55
3.	Henache MHP	Leh	0.6
4.	Bogdand MHP	Leh	0.8
5.	Chulungkha MHP	Leh	0.8
6.	Turtuk MHP	Leh	0.5
7.	Durbuk	Leh	0.35
8.	Shayok	Leh	0.6
9.	Waris-II	Leh	1.2
10.	Sumda dho	Leh	0.3
11.	Raru	Kargil	2.0
12.	Zunkul	Kargil	2.5
<b>TOTAL</b>			<b>10.70</b>