

**GOVERNMENT OF INDIA
MINISTRY OF POWER**

**LOK SABHA
UNSTARRED QUESTION NO.914
TO BE ANSWERED ON 21.11.2019**

HYDRO PROJECTS IN NORTH-EASTERN REGION

914. MS. MIMI CHAKRABORTY:

**Will the Minister of POWER
be pleased to state:**

- (a) whether North-Eastern region of the country has a potential of 60 thousand megawatt of hydro-electric power production and if so, the details thereof;**
- (b) whether the said region has achieved only 2.4% of the generation target and if so, the details thereof;**
- (c) the action plan of the Government to achieve full potentiality thereof; and**
- (d) the status and new proposal of setting up of hydro and other power projects for North-Eastern region?**

A N S W E R

THE MINISTER OF STATE (INDEPENDENT CHARGE) FOR POWER, NEW & RENEWABLE ENERGY AND THE MINISTER OF STATE FOR SKILL DEVELOPMENT & ENTREPRENEURSHIP

(SHRI R.K. SINGH)

(a) & (b) : The assessed Hydro-electric power potential from major/medium schemes (i.e. schemes having capacity above 25 MW) in North-Eastern region is 62604 MW as per reassessment studies by CEA. Out of this, schemes totaling to 3596 MW (5.74%) are in operation. The state-wise details of potential and its status of development in North-Eastern region is enclosed at Annexure-I. The list of projects in operation in North-Eastern region is enclosed at Annexure-II.

(c) : Government had taken several policy initiatives in the past to give a boost to hydropower development in the country including its North-Eastern region viz., National Electricity Policy 2005, Hydro Power Policy 2008, Tariff Policy, 2016, Right to Fair Compensation & Transparency in Land Acquisition, Rehabilitation and Resettlement Act, 2013. Further, Govt. of India in March, 2019 has approved the following measures for promoting hydropower in the country and improving viability of the sector:

- i. Declaring Large Hydro Power (LHPs) (> 25 MW projects) as Renewable Energy source.**
- ii. Hydro Purchase Obligation (HPO) as a separate entity within Non-Solar Renewable Purchase Obligation (RPO).**
- iii. Tariff rationalization measures for bringing down hydro power tariff in the initial years.**
- iv. Budgetary Support for Flood Moderation/Storage Hydro Electric Projects (HEPs).**
- v. Budgetary Support towards Cost of Enabling Infrastructure, i.e. roads/bridges.**

Rs. 1.5 crore per MW for projects upto 200 MW.

Rs. 1.0 crore per MW for projects above 200 MW.

(d) : A total of 8 Number of Hydro Electric Projects in North Eastern Region aggregating to 3733 MW are under construction. The details of these projects are enclosed at Annexure-III.

ANNEXURE-I

ANNEXURE REFERRED TO IN REPLY TO PARTS (a) & (b) OF UNSTARRED QUESTION NO. 914 TO BE ANSWERED IN THE LOK SABHA ON 21.11.2019.

STATUS OF HYDRO ELECTRIC POTENTIAL DEVELOPMENT IN NORTH-EASTERN REGION

(In terms of Installed capacity - Above 25 MW)

Region/ State	Identified Capacity as per reassessment study		Capacity In Operation	
	Total	Above 25 MW	(MW)	%
	(MW)	(MW)		
NORTH EASTERN REGION				
Meghalaya	2394	2298	322	14.01
Tripura	15	0	0	0.00
Manipur	1784	1761	105	5.96
Assam	680	650	350	53.85
Nagaland	1574	1452	75	5.17
Arunachal Pradesh	50328	50064	515	1.03
Mizoram	2196	2131	60	2.82
Sikkim	4286	4248	2169	51.06
Total (NER) including Sikkim	63257	62604	3596	5.74

ANNEXURE-II

ANNEXURE REFERRED TO IN REPLY TO PARTS (a) & (b) OF UNSTARRED QUESTION NO. 914 TO BE ANSWERED IN THE LOK SABHA ON 21.11.2019.

List of hydro power stations (of >25 MW) in operation in NER

SL. NO.	UTILITY/STATIONS	SECTOR	DEVELOPER	CAPACITY (MW)
ARUNACHAL PRADESH				
1	RANGANADI	Central	NEEPCO	405.00
2	PARE	Central	NEEPCO	110.00
ASSAM				
3	KOPILI	Central	NEEPCO	200.00
4	KHONDONG	Central	NEEPCO	50.00
5	KARBI LANGPI	State	APGCL	100.00
MANIPUR				
6	LOKTAK	Central	NHPC	105.00
MEGHALAYA				
7	UMIAM ST-I	State	MePGCL	36.00
8	NEW UMTRU	State	MePGCL	40.00
9	UMIAM ST-IV	State	MePGCL	60.00
10	MYNTDU ST-I	State	MePGCL	126.00
11	KYRDEMKULAI	State	MePGCL	60.00
MIZORAM				
12	TUIRIAL	Central	NEEPCO	60.00
NAGALAND				
13	DOYANG	Central	NEEPCO	75.00
SIKKIM				
14	RANGIT-III	Central	NHPC	60.00
15	TEESTA-V	Central	NHPC	510.00
16	TEESTA-III	State	TEESTA URJA	1200.00
17	CHUZACHEN	Private	GIPL	110.00
18	DIKCHU	Private	SKPPPL	96.00
19	TASHIDING	Private	SHIGA ENERGY	97.00
20	JORETHANG LOOP	Private	DANS ENERGY	96.00
Total				3596.00

ANNEXURE-III

ANNEXURE REFERRED TO IN REPLY TO PART (d) OF UNSTARRED QUESTION NO. 914 TO BE ANSWERED IN THE LOK SABHA ON 21.11.2019.

8 Under Construction Projects of 3,733 MW in NER

As on 31.10.2019

Sl. No.	Name of Project	State	Developer	I.C. (MW)
1	Subansiri Lower	Ar. Pradesh	NHPC	2000
2	Teesta- VI	Sikkim	NHPC	500
3	Kameng	Ar. Pradesh	NEEPCO	600
4	Rangit-IV	Sikkim	Jal Power Pvt. Ltd.	120
5	Bhasmey	Sikkim	Gati Infrastructure Pvt. Ltd.	51
6	Rangit-II	Sikkim	Sikkim Hydro Power Ltd.	66
7	Rongnichu	Sikkim	Madhya Bharat Power Corporation Ltd.	96
8	Panan	Sikkim	Hingiri Hydro Energy Pvt. Ltd.	300
Total				3733
