

**GOVERNMENT OF INDIA  
MINISTRY OF POWER  
LOK SABHA  
UNSTARRED QUESTION NO.896  
ANSWERED ON 07.12.2023**

**POWER GENERATION CAPABILITIES IN NORTH-EASTERN REGION**

**896. SHRI TIRATH SINGH RAWAT:  
SHRI SUNIL BABURAO MENDHE:  
SHRI BIDYUT BARAN MAHATO:  
SHRI RAJESH VERMA:**

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

- (a) whether the Government has taken any initiative to increase or expand power generation capacities/capabilities in the North-Eastern Region of the country;**
- (b) if so, the details thereof and if not, the reasons therefor;**
- (c) the details of the projects implemented to increase power supply capacity in the North-Eastern Region, including the specific States that are likely to be benefited from the said initiative; and**
- (d) the names of the projects, locations, capacity additions and their estimated completion dates?**

**A N S W E R**

**THE MINISTER OF POWER AND NEW & RENEWABLE ENERGY**

**(SHRI R.K. SINGH)**

**(a) & (b): Government has taken number of policy measures to increase or expand power generation capacities/capabilities in the country including North-East Region, details of which are enlisted below:**

✓ **During March, 2019, the Government approved 'measures to promote hydro power which are detailed below:**

- **Declaring Large Hydro Power (LHPs) (> 25 MW projects) as Renewable Energy source.**
- **Hydro Purchase Obligation (HPO)**
- **Tariff rationalization measures for bringing down hydro power tariff.**

- **Budgetary Support for Flood Moderation/Storage Hydro Electric Projects (HEPs).**
  - **Budgetary Support towards Cost of Enabling Infrastructure, i.e. roads/bridges. The guidelines for Budgetary Support towards Flood Moderation component as well as towards Cost of Enabling Infrastructure have also been notified by Govt. on 28.09.2021.**
- ✓ **Waiver of Inter State Transmission System (ISTS) Charges on the transmission of power from new Hydro Power Projects would be applicable, for which construction work is awarded and Power Purchase Agreement (PPA) is signed on or before 30.06.2025. Subsequently, part waiver of ISTS charges, in steps of 25% from 01.07.2025 to 01.07.2028, has been extended for HEPs for which construction work is awarded and PPA is signed up to 30.06.2028.**

**(c) : Since year 2014-15, nine (9) number of Hydroelectric Projects with aggregate installed capacity of 2,412 MW have been commissioned in the North Eastern Region including Sikkim. The details are as under:**

<b>Sl. No.</b>	<b>NAME OF PROJECT</b>	<b>STATE</b>	<b>CAPACITY (MW)</b>	<b>YEAR OF COMMISSIONING</b>
<b>1</b>	<b>JORETHANG LOOP</b>	<b>SIKKIM</b>	<b>96</b>	<b>2015</b>
<b>2</b>	<b>TEESTA-III</b>	<b>SIKKIM</b>	<b>1200</b>	<b>2017</b>
<b>3</b>	<b>TURIAL</b>	<b>MIZORAM</b>	<b>60</b>	<b>2017</b>
<b>4</b>	<b>NEW UMTRU</b>	<b>MEGHALAYA</b>	<b>40</b>	<b>2017</b>
<b>5</b>	<b>DIKCHU</b>	<b>SIKKIM</b>	<b>96</b>	<b>2017</b>
<b>6</b>	<b>TASHIDING</b>	<b>SIKKIM</b>	<b>97</b>	<b>2017</b>
<b>7</b>	<b>PARE</b>	<b>ARUNACHAL PRADESH</b>	<b>110</b>	<b>2018</b>
<b>8</b>	<b>KAMENG</b>	<b>ARUNACHAL PRADESH</b>	<b>600</b>	<b>2021</b>
<b>9</b>	<b>RONGNICHU</b>	<b>SIKKIM</b>	<b>113</b>	<b>2021</b>

**(d) : Currently, eight (8) no. of hydroelectric projects with aggregate installed capacity of 6,037 MW are under construction in the North Eastern Region of the country. The details are enclosed at Annexure.**

**Further, as per Section 8 (1) of the Electricity Act, 2003, any generating company intending to set up a hydro generating station shall prepare and submit to the Authority for its concurrence, a scheme estimated to involve a capital expenditure exceeding such sum, as may be fixed by the Central Government, from time to time, by notification (presently, ₹1,000 crores).**

Accordingly, Central Electricity Authority (CEA) accorded concurrence to 17 number Hydro Electric Schemes (14,589 MW) in North Eastern Region including Sikkim. The details are given below:

Sl. No.	Name of Scheme	State	Installed Capacity (MW)	Estimated Year of Completion
1.	TEESTA ST-IV	Sikkim	520	2031-32
2.	TAWANG ST-I	Arunachal Pradesh	600	Beyond 2031-32
3.	WAH-UMIAM STAGE-III	Meghalaya	85	2029-30
4.	TAWANG ST-II	Arunachal Pradesh	800	Beyond 2031-32
5.	HEO	Arunachal Pradesh	240	2028-29
6.	TATO-I	Arunachal Pradesh	186	2028-29
7.	TATO-II	Arunachal Pradesh	700	Beyond 2031-32
8.	DEMWE LOWER	Arunachal Pradesh	1750	2031-32
9.	KALAI-II	Arunachal Pradesh	1200	Beyond 2031-32
10.	TALONG LONDA	Arunachal Pradesh	225	2031-32
11.	ETALIN	Arunachal Pradesh	3,097	2030-31
12.	NAFRA	Arunachal Pradesh	120	2027-28
13.	HIRONG	Arunachal Pradesh	500	Beyond 2031-32
14.	NAYING	Arunachal Pradesh	1,000	Beyond 2031-32
15.	ATTUNLI	Arunachal Pradesh	680	2030-31
16.	LOWER SIANG	Arunachal Pradesh	2,700	Beyond 2031-32
17.	DIKHU	Nagaland	186	2030-31

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**ANNEXURE****ANNEXURE REFERRED TO IN REPLY TO PART (d) OF UNSTARRED QUESTION  
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**List of Hydro Electric Projects (above 25 MW) under implementation**

<b>Sl. No.</b>	<b>Name of Project</b>	<b>Sector</b>	<b>Cap. Under Execution (MW)</b>	<b>Estimated Year of Completion</b>
<b>Arunachal Pradesh</b>				
<b>1</b>	<b>Subansiri Lower</b>	<b>Central</b>	<b>2,000</b>	<b>2023-26 (May'25)##</b>
<b>2</b>	<b>Dibang Multipurpose Project</b>	<b>Central</b>	<b>2,880</b>	<b>2031-32 (Feb'32)</b>
<b>Assam</b>				
<b>3</b>	<b>Lower Kopli</b>	<b>State</b>	<b>120</b>	<b>2024-25 (Mar'25)</b>
<b>Sikkim</b>				
<b>4</b>	<b>Teesta St. VI</b>	<b>Central</b>	<b>500</b>	<b>2026-27 (Aug'26)</b>
<b>5</b>	<b>Rangit-IV</b>	<b>Central</b>	<b>120</b>	<b>2024-25 (Aug'24)</b>
<b>6*</b>	<b>Bhasmey</b>	<b>Private</b>	<b>51</b>	<b>*</b>
<b>7*</b>	<b>Rangit-II</b>	<b>Private</b>	<b>66</b>	<b>*</b>
<b>8*</b>	<b>Panan</b>	<b>Private</b>	<b>300</b>	<b>*</b>

**##: 2 units (500 MW) likely during 2023-24 ,4 units (1,000 MW) during 2024-25 and remaining 2 units (500 MW) during 2025-26.**

**\* The project is presently stalled.**

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