

Sl. No.	Diary No.	Questions	Replies
1	RSQ,-U-117, NEEPCO's reply Dtd. 12.07.2023.	a) the details of funds allocated to the state of Manipur for infrastructure development in the last five years;	NEEPCO doesn't have any project in the state of Manipur. As such no infra structure development activity was under taken by the corporation during the last five years and hence no fund was allocated in this regard.
		b) the details of major infrastructure projects under the Non-Lapseble Central Pool of Resources (NLCPR) completed / ongoing in Manipur;	NEEPCO has not under taken any project in Manipur under NLCPR.
		c) the details of total expenditure incurred on these projects;	Not applicable in view of (a) & (b) above.
		d) the details of project proposals sent by the state of Manipur and amount sanctioned in last three years	
		e) whether the Government is taking any steps to improve the infrastructure in Manipur; and	Not applicable in view of (a) & (b) above
		f) if yes, the details thereof?	Not applicable
2	LSQ,-U-177, NEEPCO's reply Dtd. 13.07.2023.	a) whether the Union Government Tamil Nadu Generation and Distribution Corporation Limited (TANGEDCO) has provided funds to for various power generation projects in Tamil Nadu.	NEEPCO doesn't have any project in the state of Tamil Nadu. Hence, not applicable.
		b) If so, the details thereof and the steps taken by the Govt. to develop power infrastructure in Tamil Nadu like installation of transformers, smart meters and power transmission centres;	Not applicable.
		c) the details of total power generation capacity installed in Tamil Nadu and power sharing agreements with other states; and	Not applicable.
		d) the funds allocated and disbursed to TANGEDCO during the last five years for the development of new power projects including the Kundah Power House and Tamil Nadu?	Not applicable.
3	RSQ,-S1132, NEEPCO's reply Dtd. 14.07.2023.	a) whether several power projects are lagging behind from its scheduled start time in various parts of the country?	NEEPCO does not have any project under construction at present. The upcoming projects of the Corporation are presently under different stages of study/ clearances/ approval. All these projects are located in the North-East States of India.
		b) if so, the reasons therefor and the details of the under construction power projects in various parts of the country, State/UT-wise including Odisha:	Refer reply at (a) above.
		c) the total amount incurred on these projects and the reasons for pendency of these projects; and	Not applicable
		d) the steps taken by the Government to complete these projects in various States including Odisha, State-wise?	Not applicable

4	RSQ,-U958, NEEPCO's reply Dtd. 14.07.2023.	c) How many states in the Country levy tax on the use of water for the generation of electricity.	The power projects of NEEPCO are located in different states within the North Eastern region and NEEPCO has not come across any such tax on the use of water by the States in the NER.			
		d) if so, the details thereof;	It may be mentioned that MoP, GoI vide letter dated 25.04.2023 has prohibited levy of taxes/ duties (including water tax) on generation of electricity by any State under any guise.			
5	RSQ,-S289, NEEPCO's reply Dtd. 14.07.2023.	a) Whether it is a fact that under prevention of Sexual harassment of women at workplace Act, Ministries are mandated to have an internal Committee;	Yes			
		b) If so, whether all organization/autonomous bodies/sub-ordinate offices under Ministry have functional internal complaints committee;	The Internal Complaints Committee has been functioning since 2005 in NEEPCO for prevention and redressal of complaints of sexual harassment of women at workplace			
		c) Whether Ministry has conducted any exercise to ensure compliance of this requirement by offices concerned;	Yes, Ministry ensures to conduct regular awareness programmes on Sexual harassment of women at workplace.			
		d) if so, the details thereof with organizations yet to set up an internal Committee;	Reply at (b) may be refer to;			
		e) if not, the reason therefor;	Not applicable			
		f) Number of cases referred to internal complaints committee in the last three years along with cases where action was taken on such complaints?	Reply at (b) may be refer to;			
6	RSQ,- S997,NEEPCO's reply Dtd. 19.07.2023.	a) quantum of increase in the cost of producing electricity through thermal, hydro, coal and from other means as compared to previous years;	(Rs. per Unit)			
			Source of electricity	2021-22	2020-21	Increase in 2021-22 over 2020-21
			Hydro	4.42	4.36	0.06
			Thermal (Gas based)	3.27	3.26	0.01
		b) increase in the percentage of Power Purchasing Cost in the last six months; and	NEEPCO is a power generating company and is not involved in bulk purchase of power.			
		c) steps taken by the govt. for maintaining Power Purchase Cost at an appropriate level?	Reply at (b) above may please be referred to. However, various steps taken by the Govt. to reduce the generation tariff of power projects in different sources which may lead to reduction in purchase cost. These include budgetary support for flood moderation and enabling infrastructure, RPO and HPO, bundling of hydro and thermal power with RE, waiver of ISTS charges for Solar, wind, hydro, PSPs and BESS etc.			

7	LSQ,-3808 , NEEPCO's reply Dtd. 20.07.2023.	a) whether it is a fact that the ban on mining, quarrying and sand mining in ecologically sensitive areas does not affect hydel projects; b) the Government proposes that incidental mining and quarrying in the early stages of hydel projects and Pumped Storage Projects (PSPs) should be exempted as they involve construction of water conductor systems and underground power houses; c) whether it is also true that the Government proposes to include a new clause in the notification permitting the construction of transmission lines associated with the hydroelectric projects and PSPs; and d) if so, the details thereof and the steps taken in this regard?	Hydro projects are undertaken for execution after Environmental Clearance is accorded for the respective projects by MoEF&CC besides other necessary clearances & approvals. During the process of environmental study and clearance, all related ecological aspects are examined including ecologically sensitive areas and availability/ demarcation of nearby quarries etc. and public hearing is also conducted involving the State Govt. and local populace. Mitigation measures for the assessed impacts are prepared in the Environmental Management Plan which is strictly adhered to as cleared by MoEF&CC. Further, clearance from the respective state is also obtained for procurement of construction materials from the available/ designated quarries. It may be worth noting that NEEPCO endeavours to make most use of the rock/muck from underground excavations based on their suitability as construction materials for the projects, thereby minimising the requirement of external quarries. Hydro projects cleared with demarcated/ designated quarries may not be affected unless there is a ban on these quarries. Various structures of hydro projects, both over ground and underground, are planned and constructed at appropriate locations after extensive and precise survey and investigation in consultation with different authorities/ expertise bodies like GSI, CSMRS etc. Availability of quarries for construction materials are investigated in the DPR stage. As per CERC Notification in 2017 generating Companies are to construct dedicated transmission lines from the generating stations to the nearest pooling stations along with their operation. This is applicable to hydro, thermal and Renewable Energy Projects. The notification was issued by CERC vide No. –L-1/(3)/2009-CERC dated 17.02.2017 titled as Central Electricity Regulatory Commission (Grant of Connectivity, Long-term Access and Medium-term Open Access in inter-State Transmission and related matters) (Sixth Amendment) Regulations, 2017. Accordingly, the transmission line cost upto the nearest pooling stations are being included in the project cost by NEEPCO in all its future projects.
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8	LSQ,-3962 , NEEPCO's reply Dtd. 20.07.2023.	a) whether the Government conducted study of future of hydroelectric generation in the country;	Yes. Accordingly, Government is putting thrust on expedited development of the hydro projects in the country.
		b) If so, the details thereof;	Studies conducted by the Government include: i) Central Electricity Authority carried out reassessment of the hydro power potential in the country for the period 2017 to 2023. ii) Examination of the stalled hydro projects by Ministry of Power, Gol for early revival based on which the stalled private sector hydro projects in hydro rich states are indicated to the hydro CPSUs along with constitution of a multidisciplinary Evaluation Committee to facilitate the acquisition of such projects. Accordingly, Gol has unleashed two such lists of stalled hydro projects totalling 48298.5 MW in Arunachal Pradesh besides indicating projects in other potential states to the hydro CPSUs. iii) Ministry has approved a number of measures like Tariff Rationalization, HPO, budgetary support for enabling infrastructure & flood moderation, bundling of hydro power with solar/ wind power, waiver of ISTS charges for hydro & PSP to promote the future hydro power sector. Some more measures are under consideration. Future prospect of NEEPCO envisages 2275 MW of allotted hydro projects which are under various stages of study/ clearance/ approval. Besides, some of the indicated hydro projects have also been prioritised for acquisition and early development.
		c) whether the frequent natural calamities like flood are causing concerns on the ongoing construction of hydro power projects; and	Presently there is no project under construction by NEEPCO. Hence not applicable.
		d) if so, the details thereof?	Not applicable.
9	LSQ,-1462 , NEEPCO's reply Dtd. 20.07.2023.	a) whether the Government has entered into Public Private Partnership (PPP) agreements with the private sector companies;	NEEPCO is a power generation company and presently does not have any Public Private Partnership (PPP) agreements with the private sector companies.
		b) if so, the number of PPPs entered by the Government from 2014 in the road, power, and gas distribution sector classified year-wise;	Not applicable.
		c) the list of these projects in the road, power, and gas distribution along with the details of the concessionaire involved under each project along with the cost of the project from 2014;	Not applicable.
		d) the total number of tender bids that have been received for each project for the purpose; and	Not applicable.
		e) the list of PPP projects that the Government is willing to call for tenders in the next five years, sector-wise?	At present, NEEPCO does not have any such plan.

10	LSQ,-3881 , NEEPCO's reply Dtd. 21.07.2023.	g) whether the Government has sanctioned new power projects in the country; and	The future projects of NEEPCO are under different stages of study/ clearances/ approval. All these projects are located within NER. Investment approval in respect of these projects shall be processed in due course.
		h) if so, the details thereof, State-wise including Jharkhand?	Reply at (g) above may please be referred to.
11	RSQ,-S1719 , NEEPCO's reply Dtd. 21.07.2023.	a) whether the government has prepared any action plan for power generation from the hydropower project; and	In persuasion of the 500 GW non-fossil target by 2030, Government is putting thrust on expedited development of the hydro projects in the country. NEEPCO also emphasizes hydro power projects in its future plan.
		b) if so, the details thereof?	NEEPCO has received allotment of a number of hydro projects (including some of the indicated projects) in two states in the NER for future development as detailed below: Arunachal Pradesh: 3166 MW <u>Meghalaya : 235 MW</u> Total : 3401 MW These project are presently under various stages of study/ clearance/ approval. Further, some more hydro projects totaling 4424 MW have also been indicated to NEEPCO by Ministry of Power, GoI for study and possible allotment in the state of Arunachal Pradesh besides two other projects totaling 12700 MW for joint development by NEEPCO and NHPC. For facilitating the development of hydro projects in the country Ministry has approved a number of measures like Tariff Rationalization, HPO, budgetary support for enabling infrastructure & flood moderation, bundling of hydro power with solar/ wind power, waiver of ISTS charges etc. to promote the future hydro power sector.
12	LSQ,-5962 , NEEPCO's reply Dtd. 21.07.2023.	a) whether accumulation of silt due heavy rains in Northern parts of the country has impacted operations at hydropower plants and if so, the details thereof, hydropower plant-wise;	All the hydro power plants of NEEPCO are situated in NER. Hence not applicable.
		b) whether several hydro power projects in the state of Jammu Kashmir, Himachal Pradesh and Uttarakhand have been shut for the past few days due to heavy rains;	Reply at (a) above may be referred to.
		c) If so, the details thereof, hydro power plant-wise and the amount of revenue loss to the Government due to non-operation of these hydro power plants;	Reply at (a) above may be referred to.
		d) whether the Government has sent any Central team to monitor the situation of the hydro power plants affected by the torrential rains and if so, the details thereof and if not, the reasons therefor;	Reply at (a) above may be referred to.

		e) whether the Government has also instructed the head of hydro power projects to constitute a high-level committee to closely monitor the situation at the areas around the projects ; and	Reply at (a) above may be referred to.			
		f) the time by which said hydro power plants is likely to be fully operationlized?	Reply at (a) above may be referred to.			
13	LSQ,-5987 , NEEPCO's reply Dtd. 26.07.2023.	a) the details of projects under which Corporate Social Responsibility (CSR) Funds were spent by the Public Sector Undertakings (PSUs) under the Ministry during the last two years, Company, year, project and NGO-wise;	The details of projects under which Corporate Social Responsibility (CSR) Funds were spent by NEEPCO under the Ministry of Power during the last two years, are as under:			
			(Rs in lakhs)			
			SI No	Project/ Unit	2021-22	2022-23
			1	Assam Gas Based Power Station (291MW), Dibrugarh District, Assam	4.77	59.82
			2	Agartala Gas Based Power Station (135 MW), West Tripura District, Tripura	15.81	57.99
			3	Tripura Gas Based Power Station (101 MW), Sepahijala District, Tripura	26.6	29.95
			4	Kopili Hydro Power Station (275 MW), Dima Hasao District, Assam	23.87	48.72
			5	Doyang Hydro Power Station (75 MW), Wokha District, Nagaland	13.12	47.94

6	Panyor Lower Hydro Power Station (405 MW), Lower Subansiri District, Arunachal Pradesh	49.91	66.05
7	Tural Hydro Power Station (60 MW), Kolasib District, Mizoram	32.03	15.16
8	Pare Hydro Power Station (110 MW), Papumpare District, Arunachal Pradesh	56.22	48.07
9	Kameng Hydro Power Station (600 MW), West Kameng District, Arunachal Pradesh	47.17	64.03
10	Wah Umiam Stage-III HEP (85 MW), East Khasi Hills District, Meghalaya	12.55	21.02
11	Kurung HEP (330 MW), Kra Daadi District, Arunachal Pradesh	0	14.08
12	Corporate Head Quarter, Shillong, East Khasi Hills District, Meghalaya	43.6	83
13	Guwahati, Kamrup(M) District, Assam	87.91	32.63

			<table><tr><td>14</td><td>Aspirational District, Ri Bhoi, Meghalaya</td><td>162.6</td><td>0</td></tr><tr><td>15</td><td>Pan India Contribution to PM CARES Fund</td><td>0</td><td>150</td></tr><tr><td></td><td>Total</td><td>576.16</td><td>738.47</td></tr></table>	14	Aspirational District, Ri Bhoi, Meghalaya	162.6	0	15	Pan India Contribution to PM CARES Fund	0	150		Total	576.16	738.47																								
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	b) the details of number of such Non-Governmental Organizations (NGOs) being given CSR funds every year by the PSUs under the Ministry and the details of development and awareness works being done in the society with the funds received by the said NGOs; and	All CSR activities undertaken by NEEPCO are in-house activities, as such no CSR fund was given to the Non-Governmental Organizations (NGOs).																																					
	c) the details thereof along with details of CSR funds, state wise, particularly spent in Bhagalpur of Bihar?	<table><tr><td colspan="3">The details of CSR amount spent by NEEPCO state wise are as below:</td></tr><tr><td>State</td><td></td><td>Expenditure Amount (Rs. in lakhs)</td></tr><tr><td></td><td>2021-22</td><td>2022-23</td></tr><tr><td>Arunachal Pradesh</td><td>153.3</td><td>192.24</td></tr><tr><td>Assam</td><td>116.55</td><td>141.17</td></tr><tr><td>Mizoram</td><td>32.03</td><td>15.16</td></tr><tr><td>Meghalaya</td><td>218.75</td><td>104.03</td></tr><tr><td>Nagaland</td><td>13.12</td><td>47.94</td></tr><tr><td>Tripura</td><td>42.41</td><td>87.95</td></tr><tr><td>Pan India (PM Care Fund)</td><td>0</td><td>150</td></tr><tr><td>Total</td><td>576.16</td><td>738.47</td></tr></table>	The details of CSR amount spent by NEEPCO state wise are as below:			State		Expenditure Amount (Rs. in lakhs)		2021-22	2022-23	Arunachal Pradesh	153.3	192.24	Assam	116.55	141.17	Mizoram	32.03	15.16	Meghalaya	218.75	104.03	Nagaland	13.12	47.94	Tripura	42.41	87.95	Pan India (PM Care Fund)	0	150	Total	576.16	738.47				
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		The power stations of NEEPCO are located in the North East Region of the country and accordingly NEEPCO is mostly utilizing its CSR fund in and around its operational areas.																																					
14	LSQ,-6143 , NEEPCO's reply Dtd. 26.07.2023.	a) The total MWs of Power generated in the country on an average, since 2014, year-wise;	<table><tr><td colspan="3">The total power generated by NEEPCO (in MW) since 2014 are provided below year wise:</td></tr><tr><td>Year</td><td>Total Power</td><td>Hydro Power</td></tr><tr><td>2014</td><td>1130</td><td>755</td></tr><tr><td>2015</td><td>1251</td><td>755</td></tr><tr><td>2016</td><td>1251</td><td>755</td></tr><tr><td>2017</td><td>1317</td><td>785</td></tr><tr><td>2018</td><td>1457</td><td>925</td></tr><tr><td>2019</td><td>1457</td><td>925</td></tr><tr><td>2020</td><td>1757</td><td>1225</td></tr><tr><td>2021</td><td>2057</td><td>1525</td></tr><tr><td>2022</td><td>2057</td><td>1525</td></tr><tr><td>2023</td><td>2057</td><td>1525</td></tr></table>	The total power generated by NEEPCO (in MW) since 2014 are provided below year wise:			Year	Total Power	Hydro Power	2014	1130	755	2015	1251	755	2016	1251	755	2017	1317	785	2018	1457	925	2019	1457	925	2020	1757	1225	2021	2057	1525	2022	2057	1525	2023	2057	1525
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2020	1757	1225																																					
2021	2057	1525																																					
2022	2057	1525																																					
2023	2057	1525																																					

		b) Whether it is true that Telangana has potential of generating 1100 MW of hydro Power;	NEEPCO does not have any project in Telengana. Hence not applicable.			
		c) If so, the details of hydropower being generated from Telangana so far; and	Not applicable.			
		d)The efforts made by the Government to exploit the maximum potential of Telangana in generating hydropower?	Not applicable.			
15	LSQ,-6945 , NEEPCO's reply Dtd. 27.07.2023.	a) the total number of functional dams in the country at present. State/UT-wise. especially in Maharashtra, Gujarat, Rajasthan, Chhattisgarh, Karnataka, Jharkhand, and North Eastern States :	NEEPCO is a power generation company and has constructed 8 (eight) dams in the North Eastern States for its hydro power projects. All these Dams are functional as on date. The State wise details are as follows:			
			Sl. No.	States	No. of Dams	
			1	Assam/ Meghalaya	1	
			2	Assam	1	
			3	Nagaland	1	
			4	Arunachal Pradesh	4	
			5	Mizoram	1	
		b) the details of functional dams, which are more than 100 years old, which is considered as useful/ functional age of dam, State/UT-wise, particularly the aforesaid States ;	All the dams of NEEPCO are less than 100 years.			
		c) whether the Government has taken any steps to evolve a viable mechanism to assess the lives and operations of the dams : and	Yes.			
		(d if so, the details thereof and if not, the reasons therefor ?	Comprehensive Evaluation of Safety of the Dams including life assessment is taken up by the Dam Safety Review Panel (DSRP), comprising of Specialists in line with the Guidelines of CWC & Dam Safety Act' 2021.			
16	LSQ,-7342 , NEEPCO's reply Dtd. 27.07.2023.	a) Whether Scheduled Castes (SCs) and Scheduled Tribes (STs) posts in various grades are lying vacant in undertakings under the Ministry including NTPC Ltd., Power Grid Corporation Ltd., Power Finance Corporation, Rural Electrification Corporation Ltd., NHPC;	Yes.			

b) If so, the details thereof, undertaking-wise;	Details are as per Annexure- I.									
	ANNEXURE – I									
	Name of the Organization: North Eastern Electric Power Corporation Limited (NEEPCO)									
	Sl. No.	Group A		Group B		Group C		Group D		Total
		SCs	STs	SCs	STs	SCs	STs	SCs	STs	SCs STs
	1	8 (2 Backlog + 6 current)	3	0	0	1	5	0	0	9 8
	Note: The vacancies will be filled very soon as recruitment process is in advanced stage for Group A & C.									
c) whether the employees working in these undertakings have given promotion or new appointments have been made during the last three years;	During the last three years promotion has been given to the employees in NEEPCO and one backlog vacancy for PwD (VH) in Group A has been filled up during March, 2023.									
d) If so, the details of appointments made under various grades during the above period and the current year till date; and	Details are as per Annexure – II.									
	Annexure – II									
	Details of Employees promoted during the calendar year 2020, 2021, 2022 &2023 (upto 26.07.2023)									
	2020									
	Sl. No.	Group A		Group B		Group C		Group D		Total
		SCs	STs	SCs	STs	SCs	STs	SCs	STs	SCs STs
	1	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil Nil
	2021									
	Sl. No.	Group A		Group B		Group C		Group D		Total
		SCs	STs	SCs	STs	SCs	STs	SCs	STs	SCs STs
	1	25	27	1	1	4	8	Nil	Nil	30 36
	2022									
	Sl. No.	Group A		Group B		Group C		Group D		Total
		SCs	STs	SCs	STs	SCs	STs	SCs	STs	SCs STs
	1	18	51	3	31	13	8	Nil	Nil	34 90
	2023									
	Sl. No.	Group A		Group B		Group C		Group D		Total
		SCs	STs	SCs	STs	SCs	STs	SCs	STs	SCs STs
	1	2	6	1	Nil	Nil	Nil	Nil	Nil	3 6

Details of new appointment made during the calendar year 2020, 2021, 2022 & 2023 (upto 26.7.2023)									
2020									
Sl. No.	Group A		Group B		Group C		Group D		Total
	SCs	STs	SCs	STs	SCs	STs	SCs	STs	SCs STs
1	0	0	0	0	0	0	0	0	0 0
2021									
Sl. No.	Group A		Group B		Group C		Group D		Total
	SCs	STs	SCs	STs	SCs	STs	SCs	STs	SCs STs
1	0	0	0	0	0	0	0	0	0 0
2022									
Sl. No.	Group A		Group B		Group C		Group D		Total
	SCs	STs	SCs	STs	SCs	STs	SCs	STs	SCs STs
1	0	0	0	0	0	0	0	0	0 0
2023 (upto 26.7.2023)									
Sl. No.	Group A		Group B		Group C		Group D		Total
	SCs	STs	SCs	STs	SCs	STs	SCs	STs	SCs STs
1	0	0	0	0	0	0	0	0	0 0
Note: One backlog vacancy for PwD (VH) in Group A has been filled up during March, 2023.									

e) Whether the rules prescribed for recruitment and promotion of persons belonging to Schedules Castes (SCs) and Scheduled Tribes (STs) have been compiled with in these public undertakings and if so, the details thereof?

In Direct Recruitment:			
Percentage of reservation as per Gol for CPSE for Group A induction level Posts i.e. SC – 15%, ST – 7.5%.			
State-wise reservation at Induction level of Group C as per Gol is followed for local recruitment through Local Employment Exchange.			
Details are as per Annexure – III.			
Annexure – III			
Rules prescribed for recruitment and promotion of persons belonging to Schedules Castes (SCs) and Schedules Tribes (STs):-			
Mode of Recruitment	Category of Recruitment	Percentage of Reservation	
		SCs	STs
Open Advertisement	Group – A	15%	7.5%
Through Local	Arunachal Pradesh	1%	45%
	Assam	7%	12%
	Meghalaya	1%	44%

			<table><tr><td rowspan="3">Employment Exchange for Group C</td><td>Mizoram</td><td>0</td><td>45%</td></tr><tr><td>Nagaland</td><td>0</td><td>45%</td></tr><tr><td>Tripura</td><td>17%</td><td>31%</td></tr></table>	Employment Exchange for Group C	Mizoram	0	45%	Nagaland	0	45%	Tripura	17%	31%																				
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As per GoI guidelines reservation in promotion is maintained upto lowest rank of Group A, i.e. SC – 15% & ST – 7.5%.																																	
17	RSQ,-U272 , NEEPCO's reply Dtd. 27.07.2023.	a) current status of the ongoing maintenance of dams in the country: b) details of the total expenditure incurred on maintenance of each dam in the country during the last three years; and <																															

			To conduct comprehensive dam safety evaluation of its dams, NEEPCO has constituted a Dam Safety Review Panel (DSRP) comprising of eminent experts. The DSRP has already inspected the Tuirial HPS, Kopili HPS, Panyor Lower HPS & Pare HPS. Inspection of Doyang HPS & Kameng HPS shall be conducted shortly. Emergency Action Plans (EAP) for Kameng HPS, Pare HPS, Doyang HPS, Tuirial HPS & Kopili HPS have been prepared (for Panyor Lower HPS, EAP is under preparation) as per the “Guidelines for Developing Emergency Action Plans (EAP) for Dams” by CWC and are in different stages of approval by the concerned downstream District Authorities. The reservoirs are operated as per the formulated Standard Operating Procedure (SOP) of respective Hydro Power Station (HPS). Flood warning system has been installed in all the projects by which information on water release through spillway gates are shared with the concerned downstream community/ District Administration/ District Disaster Management Authorities and CWC, Guwahati. Safety notice board display and adequate number of sirens (both manual and electrically operated) have been installed and operated. Weather infrastructure has been developed with installation of 41 (forty-one) nos. of Automatic Weather Station (AWS) and 4 (four) nos. of Doppler based Digital Water Level Recorder (DWLR) with dual data communication system (INSAT Satellite and GSM/GPRS) in the catchment area of hydro power stations. Installation of 2 (two) nos. of discharge measuring instrument with satellite and GSM/GPRS communication system is under progress.																																												
18	LSQ,-7117 , NEEPCO's reply Dtd. 27.07.2023.	a) whether the Government has fixed any target for private investment in various hydro power projects in the country;	Not pertaining to NEEPCO.																																												
		b) if so, the details thereof;	Not applicable.																																												
		c) the details of pending hydro power projects in the country, State-wise; and	There is no under construction project with NEEPCO at present. Further, projects for which allotment have been received from the respective State Govts. are under different stages of study/ clearance/ approval. These projects are as under: <table><tr><td></td><td>Projects</td><td>Installed Capacity (MW)</td><td></td></tr><tr><td></td><td colspan="3">Arunachal Pradesh:</td></tr><tr><td></td><td>Tato-I HEP</td><td>186</td><td></td></tr><tr><td></td><td>Tato-II HEP</td><td>700</td><td></td></tr><tr><td></td><td>Heo HEP</td><td>240</td><td></td></tr><tr><td></td><td>Naying HEP</td><td>1000</td><td></td></tr><tr><td></td><td>Hirong HEP</td><td>500</td><td></td></tr><tr><td></td><td>Nafra HEP</td><td>120</td><td></td></tr><tr><td></td><td>New Melling HEP</td><td>90</td><td></td></tr><tr><td></td><td>Kurung HEP</td><td>330</td><td></td></tr><tr><td></td><td colspan="3">Meghalaya:</td></tr></table>		Projects	Installed Capacity (MW)			Arunachal Pradesh:				Tato-I HEP	186			Tato-II HEP	700			Heo HEP	240			Naying HEP	1000			Hirong HEP	500			Nafra HEP	120			New Melling HEP	90			Kurung HEP	330			Meghalaya:		
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				Wah Umiam St - III HEP	85
				Wah Umiam St - I HEP	50
				Wah Umiam St - II HEP	100
		d) the steps being taken by the Government in this regard?	As stated above the future projects of NEEPCO are under various stages of study/ clearance/ approval. Govt. has also taken several measures for facilitating development of the future hydro projects.		
19	LSQ,-7046 , NEEPCO's reply Dtd. 28.07.2023.	a) the total number of storage hydro projects presently operational, under construction and those allotted by States under different stages of development, State/UT-wise and especially in the State of Punjab;	NEEPCO has been indicated 8 (eight) potential PSP sites in three NE States as listed below state wise:		
				Assam	: 1 no.
				Manipur	: 2 nos.
				Mizoram	: 5 nos.
			Based on preliminary study for viability, PFR for three PSPs in Mizoram with a combined installed capacity of 3550 MW are being taken up in the first phase.		
			Further, two more PSPs identified by NEEPCO in the reservoirs of existing projects are under investigation. State wise details are as under:		
				Assam/ Meghalaya	: 1 no.
				Arunachal Pradesh	: 1 no.
			There is no Pumped storage hydro project (PSP) presently operational/ under construction by NEEPCO.		
		b) whether the Government proposes to have tax exemptions, green clearances for pumped storage hydro projects in the country and if so, the details thereof:	The "Guidelines to promote development of Pumped Storage Projects" issued by the Govt of India vide letter dated 10.04.2023 mentions the following points in regard to tax exemptions for PSPs:		
			State Government shall consider reimbursement of SGST on PSP project components.		
			States may exempt land to be acquired by off-the-river PSPs from payment towards stamp duty and registration fees.		
			In line with double taxation avoidance principles, Electricity Duty (ED) and Cross Subsidy Surcharge (CSS) shall not be applicable to pumping power for charging PSPs, as PSPs are merely facilitating conversion of energy. ED and CSS may only be levied on the final consumption of electricity.		
			No water css shall be levied on PSPs.		
			It has been proposed that the PSPs can receive support through concessional climate finance. The development of PSPs, which use renewable energy for charging, can be facilitated by deploying sovereign green bonds issued as part of the Government's market borrowings for green infrastructure.		
		c) the details of the measures being taken by the Government to ease the issues like cumbersome environmental and forest clearances being faced by the pumped storage hydro power projects in the country;	The off-river PSPs, located away from the river course with minimal impact on riverine ecology, are eligible for a differentiated approach in granting of Environmental Clearance (EC). As per the draft notification issued by Ministry of Environment, Forest & Climate Change (MoEF&CC) on 11.10.2022, off-river PSPs fulfilling the following criteria will be appraised under B2 category for EC, regardless of power generation capacity:		
			a) Projects which do not attract Forest Clearance (FC) and/or Wildlife Clearance (WC)		
			b) Projects wherein no new Reservoir(s) is (are) created		

			c) Projects wherein the existing reservoir(s) is (are) not expanded and/or structurally modified {i.e. no increase in the capacity of reservoir (s) and no increase in submergence area of reservoir (s)} In addition, further liberalisation would be taken up for allowing base line data collection for one (1) season for off-stream closed loop PSPs and two (2) seasons for off-stream open loop PSPs (excluding monsoon season) for the purpose of carrying out Environment Impact Assessment (EIA) and preparing Environment Management Plan (EMP) required for EC, and for allowing collection of baseline data for carrying out EIA/EMP studies before issuance of Terms of Reference (ToR).									
		d) whether the proposed incentives would help to promote pumped storage hydro power projects in the country as well as attract foreign participation therein; and	The proposed incentives mentioned above are expected to be helpful.									
		e) if so, the details thereof and if not, the reasons therefor?	The measures discussed above like tax exemptions, concessional climate finance and sovereign green bonds, differentiated approach in granting of EC besides liberalisation in base line data collection for EIA/EMP studies in the aforesaid guideline of MoP, Gol are intended to promote the development of PSPs in the country. Besides, Govt. has also taken some measures towards budgetary support for enabling infrastructure, wavier of ISTS charges, energy storage obligation etc., for facilitating PSP development. All such measures are expected to reduce the financial burden on the developers and investors apart from facilitating the regulatory process for some clearances.									
20	DoNER,LSQ-7151, NEEPCO's reply Dtd. 28.07.2023.	(a) the details and the status of the key infrastructural development projects being undertaken in the North Eastern region; and	NEEPCO is a power generation company and has commissioned 10 (ten) projects totalling IC of 2057 MW along with their associated infrastructures in the North Eastern region. Further, 11 nos. of hydro projects with total IC 3401 MW have been allotted to NEEPCO by the respective State Govts. Details of the future hydro projects are as under: <table><tr><th>State</th><th>No. of Project</th><th>Installed capacity (MW)</th></tr><tr><td>Arunachal Pradesh</td><td>8</td><td>3166</td></tr><tr><td>Meghalaya</td><td>3</td><td>235</td></tr></table> These projects are under different stages of study/ clearance/ approval. Necessary infrastructure shall be created during their construction subject to techno commercial viability and approval of the respective projects. Further, some Pumped Storage projects are also being taken up for study by NEEPCO, which may involve associated infrastructure development, if materialized subject to techno - commercial viability.	State	No. of Project	Installed capacity (MW)	Arunachal Pradesh	8	3166	Meghalaya	3	235
State	No. of Project	Installed capacity (MW)										
Arunachal Pradesh	8	3166										
Meghalaya	3	235										
		b) the details of the progress of major road, rail, and air connectivity projects in the region?	Reply at (a) may be referred to.									
21	LSQ,-10429, NEEPCO's reply Dtd. 07.08.2023.	f) the steps taken by the Government to prevent such incidents in future at hydro-electric sites across the country?	Various steps taken by NEEPCO for preventing incidents due to electrocution at its Hydro Power Stations are as under: Work on electrical equipment and conductors only when de – energized/ made dead by isolating and disconnecting switch. Providing proper PPE viz. safety shoes, gloves, helmets etc. during execution of works in the power Providing the right tools for the respective jobs									

		Adopting LOTO in electrical works.
		Providing well - insulated cables.
		nsulating mats are provided in front of electrical panels.
		All electric equipment are properly earthed at the earthing terminal
		Avoiding use of defective electrical devices.
		Safe ground clearance is provided in the overhead lines.
		Avoiding working near transmission lines when possible.
		Maintaining proper supervision & monitoring.
		Providing proper barricades for vital electrical installations.
		Putting cautionary notice at all vital electrical installations.
		It may also be mentioned that all the power stations under operation of NEEPCO are under ISO certification. Being an ISO certified organization, all proactive and required measures are adhered as regards to the safety in due compliance with the norms of various Statutory Agencies.

Parliament Questions asked and Replies given

SI No.	Diary No.	Questions	Replies										
1	RSQ,-S939 , NEEPCO's reply Dt. 02.02.2024.	(a) whether the funds allotted to Kerala Maharashtra and Assam state under various schemes of the Ministry of Power during the period of 2014-15 to 2023-24 is higher than that of the ten years from 2004-05 to 2013-14:	NEEPCO has not received any funds from MoP in respect of any scheme in Kerala, Maharashtra and Assam during the period of 2004-05 to 2023-24.										
		(b) if so, the allotment of funds thereof annually from 2004-05 to 2023-2024 may be given;	Not applicable										
		(c) whether the Government of India approved any special projects in the Power sector for the States from 2004 to 2024; and	There was no proposal of power projects of NEEPCO in the said states of Kerala Maharashtra and Assam for approval during the period from 2004 to 2024.										
		(d) if so, the details thereof annually during the period 2004-2024?	Not applicable										
2	RSQ,-S811 , NEEPCO's reply Dt. 24.01.2024.	(a) Which are the various Institutions under the ministry?.	NORTH EASTERN ELECTRIC POWER CORPORATION LTD. is a CPSU under Ministry of Power, Govt. of India.										
		(b) Vacancies in each Institution. Give year-wise institution wise data since 2014.	Vacancies since 2014 financial year are as follows :-										
			Year	2014-15	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	
			Vacancy	1747	1885	1998	2122	2255	2413	NIL	NIL	NIL	
			N.B.:	1. Up to the financial year 2019-2020, the overall sanctioned strength of NEEPCO was 4306.									
			2.In the financial year 2020-2021, the overall sanctioned strength of NEEPCO has been revised from 4306 to 1223 as approved by Board of Directors and the current sanctioned strength is 1223 only.										
	3.The vacancy position has been shown as the sanctioned strength mentioned above.												
(c) Number of contract workers and permanent staff in each institution. Give institution wise data since 2014.	Numbers of contract workers and permanent staff since 2014 are as follows :-												
Year	2014-15	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23				
Regular	2559	2421	2308	2184	2051	1893	1761	1641	1517				
Contractual	0	0	48	47	48	48	48	48	47				
3	LSQ,-8679 , NEEPCO's reply Dt. 13.12.2023.	(a) Whether the Government has recently approved or proposes to introduce Viability Gap Funding (VGF) for Pumped Storage Projects (PSPs);	VGF was previously discussed in some meetings. Ministry of Power, Government of India on 10th April 2023 circulated guidelines to promote development of PSPs in the Country. The guidelines inter-alia include Budgetary support for enabling infrastructures besides various other measures and incentives like Green Finance, Energy Storage obligation, Waiver of ISTS charges, Waiver of upfront premium, Concession in taxes and duties, etc. to promote PSPs in the country. The guidelines also consider the financial viability aspect of PSPs and mention to notify a benchmark tariff of storage for investment decisions of PSPs and to treat PSPs at par with other renewable energy projects while extending long term loans by Financial institutions like PFC, REC, and IREDA.										

	Sl. No.	Generating Stations	Allocation (MW)	Tariff* (Rs./ unit)	
	1	Kopili HPS (275 MW), Assam/ Meghalaya			
	i)	Kopili PS (200 MW)	106.91	2.35	
	ii)	Khandong PS (50 MW)	28.14	Not operational	
	iii)	Khandong St.-II PS (25 MW)	13.09	3.04	
	2	Panyor Lower HPS (405 MW), Arunachal Pradesh	175.48	2.81	
	3	Kameng HPS (600 MW), Arunachal Pradesh	65	5.0 (Prov.)	
	4	Pare HPS (110 MW), Arunachal Pradesh	44.56	5.34	
	5	Doyang HPS (75 MW), Nagaland	32.86	6.97	
	6	Assam Gas Based PS (291 MW), Assam	164.42	3.99	
7	Agartala Gas Based PS (135 MW), Tripura	56.84	4.57		
*Based on Normative Parameter 2023-24					
(b) What is the peak demand and off-peak demand of power in Assam/APDCL and what are the various source of power availability including Assam's own actual generation?	Not applicable to NEEPCO. However, as mentioned at (a) above, power from NEEPCO to Assam includes power from hydro and Gas based Plants.				
(c) Is there any proposal from Assam/APGCL for setting up of new Generating project either ongoing or under consideration?	Presently NEEPCO is contemplating on development of one FSP in its existing reservoir in Assam at Kopili HPS.				
(d) What is Grid capacity of Assam/AEGCL within the state of Assam?	Not applicable.				
(e) Is it sufficient to meet the demand of power in the state and what are Grid augmentation projects either ongoing or under consideration?	Not applicable.				
(a) The details of the current Information Technology (IT) load and capacity of data centres in the country including the extent to which it is expected to grow;	NEEPCO does not have its own data center. However, for hosting the SAP ERP application it is availing the data center services in Infrastructure as a Service (IaaS) model from ESDS data centers in Nashik & Bengaluru in Government Community Cloud (GCC) platform. The present contract is for a period of 5 years starting from March, 2022. The load on the Data centers are as under:				
	(i)Primary Data Center, Nashik:				
		Landscape	No. of VMs (Virtual Machines)		
		Development	16		
		Quality	12		
		Production	20		
		Sandbox	3		
	(ii)Disaster Recovery Center, Bengaluru:				
	Landscape	No. of VMs (Virtual Machines)			

[illegible]

		(d) Whether it is true that the existing potential was assessed between 1978-87;	Refer reply at (a) above. However, reassessment study 2017-23 has been carried out by CEA for exploitable identified hydro capacity.									
		(e) If so, will the Ministry consider reassessing the hydro power potential in Karnataka.	Refer reply above (d).									
9	LSQ,-1893 , NEEPCO's reply Dt. 29.11.2023.	(a)whether electricity consumption has increased in the country during the last three years and current year and if so, the details thereof, State/UT-wise including Jharkhand;	NEEPCO is a power generation Company, hence not applicable.									
		(b)the measures being taken by the Government to fulfill the electricity demand in Jharkhand;	NEEPCO is a power generation Company with all its power projects located in the NER and no PPA has been signed for supply of power from these projects to Jharkhand so far.									
		(c)whether new power projects have been established/approved by the Government across the country;	NEEPCO has established 10 power projects in the NER so far with total Installed Capacity of 2057 MW. Further, NEEPCO is exploring some new hydro projects besides PSP, Solar projects and FSP which are presently under various stages of study/ clearances/ approval.									
		(d)if so, the details thereof, State/UT-wise including Jharkhand; and	State wise details of established power projects are as under:									
					State	Commissioned Potential (MW)						
					Assam	291						
					Assam/ Meghalaya	275						
					Arunachal Pradesh	1115						
					Mizoram	60						
					Nagaland	75						
					Tripura	241						
					Total	2057 MW						
		(e)if not, the reasons therefor?	Not applicable.									
10	LSQ,-1481 , NEEPCO's reply Dt. 28.11.2023.	(a)Whether the required amount of hydropower is not being produced from the generated despite immense potential of the same in the country;	As per the Reassessment Study (2017-23) of CEA, the hydro power potential in the country (above 25 MW) is 1,33,410 MW out of which 42,105 MW has been commissioned as on October 2023. Besides, PSPs of 4746 MW have also been installed.									
			Besides the commissioned capacity stated above, another 15,254 MW of hydro projects are under construction stage. Thus an overall 57,359 MW are exploited/ under development. Further, 51,865 MW are presently under various stages of exploration. NEEPCO has so far developed 1525 MW hydro power capacity in the North Eastern Region and is currently exploring another 3,401 MW of hydro power projects. State wise details are as under:									
					State	Exploited Hydro Potential (MW)						
					Assam/ Meghalaya	275						

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