

अध्यक्ष महोदय : थोड़ा बहुत भेद दीजिए ना ।

SHRI P. C. SETHI: The total installed capacity in UP is about 2,584 lakh litres but the production has been a little less. In 1977-78, it was 1489, 78-79—1435; In 1979-80 since when the bad year started it was 1013 and in 1980-81 it is estimated to be 1125 lakh litres. So, the installed capacity is much more, but the production is less. This year on account of increased production of molasses, we are hoping it to be better.

श्री हरीश कुमार गंगवार : यह जवाब नहीं है सवाल का । मैं जानना चाहता हूँ कि फरवरी, 1981 तक उत्तर प्रदेश के कितने भी अल्कोहल उत्पादन करने वाले यूनिट्स हैं, उन्होंने कितना उत्पादन किया और कितना दूसरों को उसमें से दिया गया ? क्योंकि यह उस जवाब से सम्बन्धित है । अध्यक्ष महोदय, मेरे सवाल का जवाब दिलवाईये । मैं जानना चाहता हूँ कि कितना बाकी है ? इससे पता चल जायेगा कि इन्होंने जो नो में जवाब दिया, वह सही है कि नहीं ।

श्री प्रकाश चन्द्र सेठी : मेरे पास जो राज्य सरकार से जानकारी आई है ; उसके अनुसार दिसम्बर, जनवरी में 257.78 लाख लीटर पैदा हुआ और उसमें से 244 लाख लीटर का एलोकेशन हुआ ।

श्री बाला साहिब दिखे पाटिल : अभी मंत्री जी ने कहा कि हर साल इंडस्ट्रियल अल्कोहल का उत्पादन कम होता जा रहा है । मैं जानना चाहता हूँ कि इंडस्ट्रियल अल्कोहल के काम होने के नाते इंडस्ट्रियल अल्कोहल का उत्पादन कम होने जा रहा है तो क्या इसके काम बढ़ाने के लिए सरकार कुछ सोच रही है या नहीं जिसे इसका उत्पादन बढ़ जाये और जिस राज्य में इंडस्ट्रियल अल्कोहल

काम मिलता है, उसको भी ज्यादा मिल जाये और कैम्पिगल इंडस्ट्रीज को बढ़ावा मिले ?

श्री प्रकाश चन्द्र सेठी : असल में इंडस्ट्रियल अल्कोहल का उत्पादन मालेसेज की कमी की वजह से है, भाव बढ़ने से कोई जहाँ फर्क नहीं होगा । दूसरी कमी जो है, मुश्किल हो रही है, उसका कारण यह है कि पोटैबल यूज के लिए अल्कोहल का ज्यादा यूज हो रहा है । प्राहीवीशन की संख्ती कम होती जा रही है, इसलिए पोटैबल यूज में अल्कोहल का यूज ज्यादा हो रहा है ।

Augmentation of Power Generation in the North Eastern States

*397. **SHRI CHITTA BASU:** Will the Minister of ENERGY be pleased to state:

(a) whether Government propose to formulate a comprehensive plan to augment the power generation in the North Eastern States; and

(b) if so, what specific steps have since been taken in that direction?

THE MINISTER OF STATE IN THE MINISTRY OF ENERGY (SHRI VIKRAM MAHAJAN): (a) Yes, Sir.

(b) The Sixth Five Year Plan has been prepared which envisages the increase of the installed generating capacity in the North-Eastern Region from 334 MW as on March, 1980 to 1003 MW at the end of the Sixth Plan. Also the Central Electricity Authority is presently engaged in formulating a 15-year perspective plan for power development in the country which will include the plan to augment the power generation in the North-Eastern Region.

SHRI CHITTA BASU: Sir, the Sixth Five Year Plan Projection for generation of power in North-Eastern Region is 1003 MW. May I know

from the Hon. Minister what are the hydel and thermal quantities of power out of this total quantity of 1003 MW?

In this connection, may I also know from the Minister whether it is not a fact that several Export Committees have made recommendations to the effect that there would be immense potentiality for generation of hydro-electricity if the river Brahmaputra is properly harnessed? If so, what are the reasons for not including any Project in the Sixth Five Year Plan for the purpose of harnessing the waters of the Brahmaputra for the production of hydel power?

SHRI VIKRAM MAHAJAN: Sir, so far as hydel power is concerned the generation during the Sixth Plan would be about 311 MW during 1980-85.

So far as the Sixth Plan is concerned, we have the list of projects which have been sanctioned for the North-Eastern States. We want to reduce the imbalance of hydro-thermal and, therefore, we have started investigation of many projects in the North-Eastern Region. We intend adding about 20,000 MW in the next ten years in the hydro sector. For that purpose, Brahmaputra river is one of the projects which we are investigating.

SHRI CHITTA BASU: May I know from the Hon. Minister whether the power ministers of the North-Eastern States recently met at Calcutta? If so, would the Hon. Minister be kind enough to enlighten the House as to the decisions taken in regard to the North-Eastern Region by the Conference of the Power Ministers held recently?

Secondly, may I know whether there was any proposal before the Conference to have a separate Central Electricity Authority for that region? If so, what is the reaction of the Government thereto?

SHRI VIKARAM MAHAJAN: The minutes' of the Power Ministers Con-

ference are not available at present. I will lay the minutes on the Table of the House.

श्री राम बिलास दासवान : मंत्री महोदय ने कहा कि उन्होंने पन्द्रह वर्षीय योजना कोई बनाई है तो मैं यह जानना चाहता हूँ कि उस पन्द्रह साल की योजना की समाप्ति पर आप ने क्या लक्ष्य रखा है कि कितनी बिजली उस से पैदा होगी और प्रति व्यक्ति कितनी बिजली मिलेगी ? उस में से कृषि कार्यों के लिए बितनी बिजली खर्च की जायेगी ?

श्री विक्रम महाजन : जो पन्द्रह साल का हम ने प्लान बनाया है उस के तहत जितनी क्षमता भारतवर्ष में इस वक्त है उस से तिगुना ज्यादा पैदा करने की योजना है । इस वक्त भारतवर्ष में 30 हजार मेगावाट बिजली की क्षमता है । अगले पांच साल में 20 हजार मेगावाट उस में और ऐड करना है, उस से अगले पांच साल में 28 हजार और आखीरी पांच सालों में 30 हजार मेगावाट और बढ़ाने की योजना है । इस तरह से तीन गुना ज्यादा बिजली हमें भारतवर्ष में पैदा करनी है जिस से हम उम्मीद करते हैं कि सौ प्रतिशत हम गांवों को बिजली दे सकेंगे और जो डेफिसिट है उसे भी पूरा कर सकेंगे ।

SHRI NIREN GHOSH: Government is aware that the North-Eastern Regions has been suffering from acute power shortage for the last 12 years. From the statement that has been given to us, it seems that in the Sixth Five year Plan, the entire power generation in the North-Eastern Region will be only one-third of the Western Region. Does it mean that at the end of the Sixth Five Year Plan the power shortage position in the North-Eastern Region would further worsen and, if so, what steps are the Government going to take during the Sixth Five Year Plan to see that by the end of the plan period there would be no acute power shortage in the North-Eastern Region?

SHRI VIKRAM MAHAJAN: I have mentioned about this matter in my earlier reply also that by the end of the Sixth Plan we hope to have installed generating capacity in the North Eastern Region to the extent of 1003 MWH. So, after the completion of the Sixth Plan, instead of deficit there will be surplus power in the North Eastern Region.

So far as the Western and Eastern Regions are concerned, the hon. Member is aware of the problems that are arising in the Eastern Region and the advantages of the Western Region. If I repeat them, he will get angry. The main problem in the Eastern Region is the labour problem. Because of that the plant load factor in the Eastern Region is lower than in the Western Region. This is causing shortage.

SHRI KRISHNA CHANDRA HALDER: Earlier his senior Minister has said that one thermal power station would be established near Asansol-Raniganj coalfields pithead. But this has not been included in the list. May I know whether one thermal power station would be established near the Asansol-Raniganj coalfields pithead?

SHRI VIKRAM MAHAJAN: We plan to establish it and the work has already started on the Farakka super thermal power station which will go on up to 2000 to 3000 MW. It will cover all the demands of the hon. Member.

Financial Assistance to Gujarat for Generation from Tidal Waves

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*399. **SHRI R. P. GAEKWAD.**

SHRI NARSINH MAKWANA:

Will the Minister of ENERGY be pleased to state:

(a) whether Gujarat Government or Gujarat Electricity Board has made a proposal for financial assistance towards undertaking the survey and feasibility project about finding energy from tidal waves in the Gulf of Cambay and Kutch; and

(b) if so, whether the proposal has been approved and the amount of assistance sanctioned?

THE MINISTER OF STATE IN THE MINISTRY OF ENERGY (SHRI VIKRAM MAHAJAN): (a). Yes, Sir. The Government of Gujarat had submitted in early 1977 at an estimated cost of Rs. 82.5 lakhs a proposal for conducting investigations required for collection of data for the mathematical model studies for tidal power stations in the Gulf of Cambay and Gulf of Kutch.

(b) Since the work of tidal power development would involve a number of specialists agencies to carry out investigations and studies which needed coordination a Standing Coordination Committee under the Chairmanship of Chairman, CEA was constituted to consider further course of action for coordinating investigations for tidal power development in the country, formulate programme of investigations and studies relating to tidal power development and make recommendations to the Government as might be required. Based on the report of the Committee, Government have recently approved a proposal for taking up investigations and studies in the Gulf of Kutch to establish the feasibility for generating energy from tidal waves, at an estimated cost of about Rs. 2.18 crores. These studies would be carried out by various institutions and the coordination of the project will be done by the Central Electricity Authority. The funds would be made available by the Central Government for this purpose.

SHRI R. P. GAEKWAD: I would like to know from the hon. Minister whether the Government is aware that Dr. Edward Lumsdaine, Director of the Energy, Environment and Resources Centre at the University of Tennessee in Knoxville (USA), is at the moment visiting this country lecturing on the subject. Has the Government had any talks with him? Does the Government wish