

**Loktak Multipurpose Hydrel Project**

4227. SHRI NGANGOM MOHENDRA: Will the Minister of ENERGY AND COAL be pleased to state:

(a) when was the actual work of the Loktak Multipurpose Hydrel Project started;

(b) what was the original date for commissioning the project; and

(c) if delayed, the reasons therefor and the date now fixed for commissioning?

THE MINISTER OF STATE IN THE MINISTRY OF ENERGY (SHRI VIKRAM MAHAJAN): (a) Although work on the Loktak Multipurpose Hydrel Project formally started in October, 1970 the construction on major works started during 1971-72 only.

(b) and (c). Due to serious geo-technical problems, major changes were required in the designs, thus causing delay. Quite unexpectedly, Methane gas was encountered in the tunnel, and the resolution of this problem also caused further delay in the construction. A change of scope in the project by the addition of a 35 MW unit, was also one of the major reasons for the delay. In these circumstances, the original schedule of commissioning in March 1974, had to be postponed to March, 1982.

**Thermal power station at Manuguru in Andhra Pradesh**

4228. SHRI V. KISHORE CHANDRA S. DEO:

SHRI S. R. A. S. APPALA NAIDU:

Will the Minister of ENERGY AND COAL be pleased to state:

(a) whether the Central Government have received any proposal from the Andhra Pradesh State Government for a 1000 Mega Watts Thermal Power Station at Manuguru in Andhra Pradesh; and

(b) if so, the action taken by Government in this regard?

THE MINISTER OF STATE IN THE MINISTRY OF ENERGY (SHRI VIKRAM MAHAJAN): (a) and (b). The Project Report for installation of  $2 \times 210$  MW in the first stage (with further scope for expansion upto 1000 MW) at Badrachalam was submitted by the Andhra Pradesh Electricity Board to the Central Electricity Authority in December 1976. The Project Report was examined and additional information/clarifications were called for which have been received from the Andhra Pradesh Electricity Board in part, in December 1979. The techno-economic appraisal of this Project Report has not been completed as the coal linkage for this Project has not yet been established.

पन बिजली, तापीय बिजली तथा परमाणु बिजली के द्वारा बिजली का उत्पादन

4229. श्री सत्यनारायण जाडिया : क्या ऊर्जा और कोयला मंत्री यह बताने की कृपा करेंगे कि :

(क) मई, 1979 से मई, 1980 तक की अवधि में पन-बिजली ताप, बिजली और परमाणु बिजली के उत्पादन के आकड़े क्या-क्या हैं ;

(ख) देश में विद्युत उत्पादन की कुल अर्घिष्ठापित क्षमता क्या है ; और

(ग) पन-बिजली, तापीय बिजली और परमाणु बिजली घरों में मई, 1980 से मई, 1981 तक की अवधि के दौरान कितना-कितना विद्युत उत्पादन होने की आशा है ?

ऊर्जा मंत्रालय में राज्य मंत्री (श्री विक्रम महाजन) : (क) मई, 1979 से मई, 1980 तक की अवधि के दौरान देश में वास्तविक ऊर्जा उत्पादन 113631 मिलियन यूनिट हुआ था । इसमें 62,761 मिलियन यूनिट ताप विद्युत तथा 3225 मिलियन यूनिट न्यूक्लियर और 47,645 मिलियन यूनिट जल विद्युत उत्पादन था ।

(ख) 31-3-1980 की स्थिति के अनुसार देश में कुल प्रतिष्ठापित क्षमता 31024.71 मेगावाट थी ।

(ग) बिजली उत्पादन के लिए कार्यक्रम वर्ष के आधार पर (अप्रैल से मार्च) तैयार किया जाना है । वर्ष 1980-81 के लिए ऊर्जा उत्पादन कार्यक्रम 115000 मिलियन यूनिट निर्धारित किया गया है, जिसमें 66495 मिलियन यूनिट ताप