

stations. Similarly, the fuel cost per unit for the naphtha based power stations is higher than the gas-based power stations.

(b) and (c). An Inter-Ministerial Group set up by the Planning Commission, in June 1988, to consider the possibility of setting up of gas-based power generation units on a priority basis had recommended the setting up of various gas-based power projects aggregating to a capacity of 3930 MW.

(d) During the Eighth Five Year Plan period, a total capacity addition of about 7485 MW is envisaged from the gas-based power projects. These include the various projects identified by the Inter-Ministerial Group set up by the Planning Commission.

New Power Projects

128. SHRI DHARMESH PRASAD VARMA: Will the Minister of ENERGY be pleased to state:

(a) whether Government have taken a decision in regard to power projects to be undertaken during 1990-91;

(b) if so, the details of projects to be undertaken in each State; and

(c) the allocation made therefor?

THE MINISTER OF ENERGY AND MINISTER OF CIVIL AVIATION (SHRI ARIF MOHAMMAD KHAN): (a) to (c). The information is being compiled and would be laid on the Table of the House.

Shortage of Power in Bihar

129. SHRI DHARMESH PRASAD VARMA: Will the Minister of ENERGY be pleased to state:

(a) whether serious situation has arisen as a result of the severe power cut in Bihar;

(b) if so, the steps being taken by Union Government to solve the problem of power shortage;

(c) whether any plan has been prepared in this regard; and

(d) if so, the details thereof?

THE MINISTER OF ENERGY AND MINISTER OF CIVIL AVIATION (SHRI ARIF MOHAMMAD KHAN): (a) Bihar faced a power shortage of 12.9% during the period April, 1989 to February, 1990. There are no notified power cuts in Bihar and the power shortages are met by resorting to restrictions/load shedding depending upon day-to-day availability of power.

(b) to (d). Various measures being taken to improve the availability of power in Bihar include maximising the generation from the existing generating stations, implementation of Renovation and Modernisation programme of thermal power stations, reduction in T & D losses, effective load management and conservation of energy etc. Assistance from the neighbouring systems in the Eastern Region and the Northern Grid is also made available to Bihar whenever system conditions are conducive to such transfer.

[*Translation*]

Dulhasti Hydel Power Project

131. SHRI MADAN LAL KHURANA: Will the Minister of ENERGY be pleased to state:

(a) whether construction work on Dulhasti Hydro Power Project in Jammu & Kashmir has started;

(b) if so, the progress made so far;

(c) whether the project is expected to be completed as per schedule and the cost on

which contract was awarded;

(d) if not, the revised date of completion and cost; and

(e) whether penalty clause will be invoked?

THE MINISTER OF ENERGY AND MINISTER OF CIVIL AVIATION (SHRI ARIF MOHAMMAD KHAN) : (a) Yes, Sir.

(b) Basic infrastructure, like roads, buildings, construction power, communication is almost complete. Work on the access tunnel to power house, headrace tunnel audit, and the pilot tunnel boring have been completed. Collection of topographical, climatological, seismological data, geophysical investigation at site has also been completed. Drilling is in progress. Contracts for diversion channel and Kishtwar camp have been awarded. Mobilisation and excavation of diversion channel has commenced.

(c) Yes, Sir.

(d) and (e). Does not arise at this stage.

[English]

Import of Electric Trains (E.M.Us)

132. SHRI GOPINATH GAJAPATHI: Will the Ministers RAILWAYS be pleased to state:

(a) whether Government propose to import some electric trains (E.M.Us); and

(b) if so, the details thereof including the number, cost and special features of these trains?

THE MINISTER OF RAILWAYS (SHRI GEORGE FERNANDES) : (a) Yes, Sir.

(b) (i) There is a proposal to procure one

prototype train set of 21 coaches (including 4 spares) of EMU type with three phase technology through global tender, having operational capability of 160 K.M.P.H. on existing main line track.

(ii) The cost is not known at this stage.

(iii) Some of the special features include:—

(a) High Speed potential of 160 KMPH.

(b) Rapid acceleration and deceleration capability.

(c) Energy saving capability through regeneration.

(d) Improved reliability.

(e) Reduced maintenance cost.

Power Generation in States

133. SHRI HANNAN MOLLAH: Will the Minister of ENERGY be pleased to state:

(a) the latest position with regard to power generation in the country, State-wise;

(b) the deficit of power in each State, State-wise; and

(c) the steps taken to make up the deficit?

THE MINISTER OF ENERGY AND MINISTER OF CIVIL AVIATION (SHRI ARIF MOHAMMAD KHAN) : (a) and (b). A statement indicating the State-wise generation and power shortage during April, 1989-February, 1990 is given below.

(c) Various measures being taken to improve the availability of power include