

crores, Rs. 114.7 crores and Rs. 132.0 crores for the alternative (i), (ii) & (iii) respectively. Government have approved these setting up of five fertilizer projects in the public sector during the Fifth Plan; these are to be located at Bhatinda (Punjab), Panipat (Haryana), Mathura (Uttar Pradesh), Paradeep (Orissa) and Trombay (Maharashtra). Resources position and other relevant factors may enable considerations of further capacity at an appropriate time later at other suitable locations including Cochin.

**Demands of all India Loco Running Staff, North Eastern Railway Branch**

\*138. SHRI BHOGENDRA JHA: Will the Minister of RAILWAYS be pleased to state:

(a) whether President and General Secretary of the North Eastern Railway Branch of the All India Loco Running Staff sent a memorandum concerning demands of the Loco Running Staff addressed to the General Manager, North Eastern Railway; and

(b) if so, a gist thereof and the action taken thereon?

THE DEPUTY MINISTER IN THE MINISTRY OF RAILWAYS (SHRI MOHD. SHAFI QURESHI): (a) and (b). No such memorandum has been received by the General Manager, North Eastern Railway.

**Supply of power by States in Emergencies**

\*139. SHRIMATI SAVITRI SHYAM: Will the Minister of IRRIGATION AND POWER be pleased to state:

(a) whether the Centre has a plan to direct the States to supply power to the nearest States in emergencies like power failures and on such other occasions; and

(b) if so, the board outlines thereof?

THE MINISTER OF IRRIGATION AND POWER (SHRI K. C. PANT): (a) and (b). No such plan has been prepared or is under preparation. However, in the event of emergencies like power failures, forced outages of thermal plants and stoppage or inadequate generation by hydel plants necessitated by the poor availability and low levels of water in the hydel reservoirs, the Centre uses its good offices to assist the needy States by persuading the neighbouring States to give assistance to the extent possible out of the power generated by them.

Government of India have set up Regional Electricity Boards in the Northern, Western, Southern, Eastern and North-Eastern regions of the country for enabling integrated operation of power systems on a regional basis so that not only is assistance during emergencies available from one State to the other but optimum utilisation of the generation and transmission facilities is facilitated to the mutual benefit of all the States concerned. For enabling integrated operation of power systems on a regional basis, Regional Load Despatch Stations are being established. These will enable the regional power system operation to be monitored round the clock and emergency assistance to be arranged to any State readily from the System. Interchanges of power between one State and another in a manner that would subserve the minimum economy in operation to the benefit of the concerned States is also facilitated by such regional system operation.

**Increase in the estimated cost of Cochin Fertilizer Project Phase—1.**

\*140. SHRI A. K. GOPALAN: Will the Minister of PETROLEUM AND CHEMICALS be pleased to state:

(a) whether the estimated cost of the Cochin Fertilizer Project Phase-1 has increased by over 100 per cent;

(b) if so, the present estimated cost;

(c) whether the project could not be commissioned in due time; and

(d) if so, the reasons therefor?

THE MINISTER OF STATE IN THE MINISTRY OF PETROLEUM AND CHEMICALS (SHRI SHAH NAWAZ KHAN) (a) and (b). The original estimated cost of the project was Rs. 2677 lakhs (before devaluation of the Rupee); the estimate has since been revised to Rs. 7600 lakhs.

(c) and (d). The plant was mechanically completed in July, 1971, but could not be commissioned thereafter on account of unforeseen technical problems and mechanical failures mainly in some of the imported equipments.

#### **Irrigation Projects in Kerala**

1202. SHRI VAYALAR RAVI: Will the Minister of IRRIGATION AND POWER be pleased to state:

(a) which are the main continuing irrigation projects in the State of Kerala; and

(b) a brief outline of the works completed so far in these projects and the steps taken by Government to provide adequate financial help for the speedy completion of the projects?

THE DEPUTY MINISTER IN THE MINISTRY OF IRRIGATION AND POWER (SHRI SIDDHESHWAR PRASAD): (a) and (b). Seven major irrigation projects viz., the Periyar Valley, Pamba, Kuttiyadi, Chittarpuzha, Pazhassi, Kanhirapuzha and Kallada are under construction in Kerala. The progress of works on these projects is given in the attached statement.

The State Government have in their Fifth Plan programmes proposed adequate funds to complete all the projects, except the Kallada project which may spill over into the Sixth Plan.

#### **Statement**

##### **1. Periyar Valley Project**

The work on the barrage and the main canal have been completed. On the major and minor distributaries, out of a total length of 502 Km, 296 Kms have been completed. Out of a total 3450 masonry structures, 2818 nos. have also been completed. On the field channels, 35 Km. out of a total length of 97 Kms. have also been completed.

The project is estimated to cost Rs. 11.50 crores and the expenditure to the end of June 1973 is Rs. 7.07 crores. On completion, the project would provide irrigation to an area of 56,660 hectares (gross) and by 1972-73 an irrigation potential of 28,328 hectares was developed.

##### **2. Pamba Project**

The work on the barrage has almost been completed while about half the length of tunnelling work has been done. On the canals 50 per cent of the earth work has been completed and work on lining, masonry and concrete structures etc. are in various stages of construction.

The estimated cost of the project is Rs. 17.89 crores and the expenditure to the end of June 1973, is Rs. 5.69 crores. On completion, the project would provide irrigation facilities to an area of 46,134 hectares (gross) and by the end of the Fourth Plan an irrigation potential of 4,050 hectares is expected to be achieved.

##### **3. Kuttiyadi Project**

The work on the dam and the main canal is nearing completion and other works on the distributaries and the cross drainage structures etc. were in progress. The estimated cost of the project is Rs. 12.60 crores and the expenditure was Rs. 10.10 crores. On completion the project would provide irrigation to an area of 31,161 hectares (gross) and to the end of