

(c) whether this created great tension in the area; and

(d) if so, facts in details and the steps taken against those officers, security personnel and the contractors involved in this?

THE MINISTER OF PETROLUM, CHEMICALS & FERTILIZERS (SHRI VEERENDRA PATIL): (a): No. Sir.

(b) Does not arise.

(c) and (d). There was a clash on 5-6-1980 between the Contractor's workers and Kamgar Unions' representatives in front of the office of M/s. Ashok Engg. Corporation, Sub-Contractors of M/s. BHEL, inside the factory premises as a result of which tension developed in the township and the surrounding areas. The local authorities have taken necessary action to bring the situation under control. The Police investigation is in progress. A Peace Committee has also been formed with members from all sections of the society.

Proposal by the DVC Staff Association to resolve Power Crisis

3406. SHRI A. K. ROY: Will the Minister of ENERGY AND COAL be pleased to state:

(a) whether his attention has been drawn to the short term and long term proposals submitted by the D.V.C. Staff Association to resolve power crisis on the Workers' Declaration Day on 7-5-1980; and

(b) if so, details of those proposals and the reaction of Government on each point?

THE MINISTER OF STATE IN THE MINISTRY OF ENERGY (SHRI VIKRAM MAHAJAN): (a) A printed pamphlet containing various technical suggestions for improving the generation in DVC was sent by the DVC Staff Association, both to the Ministry and to the Management of DVC. The details of the suggestions

may be seen in the statement enclosed. The Management of DVC has been asked to examine each of them, and take appropriate action, wherever required.

(b) Government would welcome cooperation from all quarters to improve the power situation in the country.

Statement

Durgapur Thermal Power Station

1. To improve the Water Treatment Plant including the arrangement of Lime and Bleaching feeding.

2. To remove the gland leakage of the Pumps and to make arrangement for annual maintenance or preventive.

3 To renovate the Intake Pump House.

4. To improve the Fire Pump installation.

5. To take up immediate remedial measures on Ash Plant.

6. To take up immediate remedial measures on Seal Water Pump/Ash Water Pump.

7. To introduce arrangement for preventive maintenance of Ejector.

8. To take up routine maintenance on Slurry Pump.

9. To make Air Compressor serviceable.

10. To make all service Air Compressors in order.

11. To renovate the Demineralisation Plant.

12. To enquire about the position of Multi Port Valve.

13. To take immediate planning for re-generation of Exchanger.

14. To plan for a Level Controller Arrangement for controlling the level of the degasifier tank and maintaining the outlet flow of cation exchanger.

15. To enquire about the fate of the design put in by the Ionic Company as also the instrument installed by them.

16. To enquire about the fate of the additional battery for the D/M Plant which was built by M/s. Bird Company.

17. To see immediately the proper functioning of the two Booster Pumps.

18. To improve the capacity of the mill. All the Coal pipes should be changed immediately.

19. To introduce planned preventive maintenance in Coal Bunker Areas.

20. To renovate the Grinder (Roller and Bowl Plate) and put the original rollers.

21. To introduce three shift maintenance.

22. To install Electrostatic Precipitator for 1 & 2 Units to reduce erosion of I D Fan blades.

23. To install 'Mono' recorder for correct measurement of air for perfect combustion. (1, 2 and 3 Units).

24. To improve quality.

25. To check unwanted air infiltration to the Boiler 1 & 2 and repair Boiler Walls, high roofs.

26. To replace tubes in the firing zone of 1 & 2 Unit and Acid cleaning of the tube internals.

27. To rectify Air ducts (1&2 Unit).

28. To set aright all sorts of controlling instruments for Automatic Control (1 & 2 Units).

29. To change totally hydrogen embrittled tubes of Boiler 3.

Chandrapura Thermal Power Station Short Term Programme

1. To ensure supply of coal with less than 35 per cent ash content and VM content not less than 18 per cent and free from shale, stone or other foreign matters.

2. To supply of LDO in place of FO to reduce burner problems.

3. To implement of the recommendation of Renovation Committee, on indigenous units.

4. To complete the DM Plant and 3rd DM Storage tank.

5. To replace the recirculation system of B F Pump in Unit 6 with tried and proven system and components.

6. To detect leakages and to effect improvement of condenser vacuum in Unit 1, 2, 3, & 4.

7. To regularly supply Chlorine of shock treatment of water.

8. To install 2nd 100 MW auto-transformer.

9. To install the 4th clarifloculator.

10. To introduce three shift maintenance.

Long Term Programme

1. To replace tube bundles of HP heaters of Units 1, 2, & 3.

2. To renovate the boiler feed pumps of units 1, 2 and 3.

3. To replace BFP recirculation valves by good quality imported valves by good quality imported valves in units 1, 2 & 3.

4. To renovate ID Fans.

5. To complete 2nd raw water intake.

6. To replace air preheater elements in boiler of Units 1, 2 & 3.

7. To make provision for a fourth Hydrovector Pump for every two units.

8. To desiltage the reservoir.

9. To re-engineer the coal feeding arrangement to blending plant.

Bokaro Thermal Power Station

1. To re-engineer the Coal Conveying System.

2. To make regular arrangement of orstat analysis of gas & air.

3. To renovate the I D Fans.

4. To improve the Vacuum.

5. To condition the service Water pressure.

6. improve mills performances.

7. To detect the leakages and improvement of Condenser Vacuum.

8. To introduce direct method of measuring Coal

9. To improve crusher and foreign material separator.

10. To improve the method of ash cleaning system and Boiler cleaning system.

11. To introduce three shift maintenance.

12. To de-siltage the Barrage reservoir.

Target of Coal Production of Eastern Coal Fields Limited

3407. SHRI DINEN BHATTACHARYA: Will the Minister of ENERGY AND COAL be pleased to state:

(a) the target of production of Eastern Coalfields Limited during the last three years; year-wise;

(b) the achievements made in the same period; and

(c) the amount of allocation in terms of rupees by the Centre during that period; year-wise?

THE MINISTER OF STATE IN THE MINISTRY OF ENERGY (SHRI VIKRAM MAHAJAN): (a) and (b). The targets for coal production for Eastern Coalfields Limited and the

coal production achieved, year-wise for the last 3 years are as under:

(milliontonnes)

Year	Production target	Production achieved
1979-80	26.06	20.52
1978-79	28.30	22.5
1977-78	27.80	25.23

(c) The investment year-wise in Eastern Coalfields Limited has been as under:

(Rs. in crores)

1979-80	58.70
1978-79	42.29
1977-78	40.01

मध्य प्रदेश में सुपर तापीय विद्युत् केन्द्र

3408. श्री प्रताप भानु शर्मा : क्या ऊर्जा और कोयला मंत्री निम्नलिखित जानकारी दर्शाने वाला एक विवरण सभा पटल पर रखने की कृपा करेंगे :

(क) क्या केन्द्र सरकार मध्य प्रदेश में विभिन्न स्थानों पर सुपर तापीय विद्युत् केन्द्र स्थापित करने के प्रस्तावों पर विचार कर रही है और यदि हां, तो इन केन्द्रों को कहाँ-कहाँ स्थापित करने का प्रस्ताव है ;

(ख) इनमें से प्रत्येक केन्द्र में कितने मेगावाट बिजली उत्पादन करने की क्षमता होगी ;

(ग) केन्द्र सरकार इन परियोजनाओं को कब तक मंजूरी दे देगी ;

(घ) उक्त एकक कब तक अपनी उत्पादन प्रारम्भ कर देंगे ; और

(ङ) इन परियोजनाओं पर संभवतः कुल कितनी राशि खर्च होगी ?

ऊर्जा मंत्रालय में राज्य मंत्री (श्री विक्रम महाजन) : (क) विद्युत् की तेजी से बढ़ती हुई मांग को समुचित रूप से पूरा करने के अपने योजना कौशल के एक भाग के रूप में केन्द्रीय सरकार ने मिट-हैडों पर बृहत ताप विद्युत् केन्द्रों का निर्माण करने की आवश्यकता को स्वीकार किया है। ये केन्द्र जिन्हें सामान्यतः सुपर ताप विद्युत् केन्द्र कहा जाता है, देश