

लगभग 1.35 लाख टन और 0.60 लाख टन सोडा ऐश का प्रायात किया गया था।

(ब) और (ख) अकार्बनिक रसायनों पर गठित कार्यकारी दल ने जिसमें तकनीकी विकास महानिदेशालय, विकास आयुक्त, लघु उद्योग, रसायन और उर्वरक विभाग तथा योजना आयोग के प्रतिनिधि सम्मिलित हैं, वर्ष 1979-80, 1980-81 और 1981-82 के लिए क्रमशः 6.20 लाख टन, 6.30 लाख टन और 6.80 लाख टन सोडा ऐश की मांग होने का अनुमान लगाया था। मै० टाटा परामर्शी सेवाओं ने वर्ष 1979, 1980 और 1981 में क्रमशः 8.08 लाख टन, 8.67 लाख टन और 9.32 लाख टन सोडा ऐश की मांग होने का अनुमान लगाया था।

(ज) वर्ष 1978-79 में 5.81 लाख टन सोडा ऐश का उत्पादन हुआ था। अकार्बनिक रसायनों पर गठित कार्यकारी दल द्वारा 6.00 लाख टन की मांग आंकी गई थी। वर्ष के दौरान कारखाने से बाहर निर्माताओं का मूल्य 1025.02 रु० से 1248.88 प्रति टन के मध्य था।

(झ) वर्ष के दौरान उत्पादन 6.32 लाख टन था। अकार्बनिक रसायनों पर गठित कार्यकारी दल द्वारा 6.80 लाख टन की मांग का अनुमान लगाया गया था। कारखाने से बाहर निर्माताओं का मूल्य 2050.35 रुपए से 2299.25 रु० प्रति टन के मध्य था।

(ड) वर्ष 1978-79 और 1981-82 में कारखाने से बाहर निर्माताओं के मूल्य एक समान नहीं थे अतः प्रश्न नहीं उठता।

Thermal Power Projects away from Pit Head during the Sixth Plan

9851. SHRI B. R. NAHATA : Will the Minister of ENERGY be pleased to state :

(a) how many thermal power projects are located away from the pitheads during the Sixth Five Year Plan;

(b) what is their cost;

(c) which of these projects have been completed and what is the quantum of coal required by these projects; and

(d) how much coal has been supplied to these thermal power projects and what is the transport cost of this coal to be borne by the thermal Projects individually during the last two years?

THE MINISTER OF STATE IN THE MINISTRY OF ENERGY (SHRI VIKRAM MAHAJAN) : (a) and (b). Thirty Power Projects aggregating to 7860 MW are planned to be located at sites away from pit heads during the Sixth Plan. A list of such projects with their estimated cost is enclosed at statement I.

(c) Out of the above projects, 7 thermal units were rolled/commissioned during 1980-81 and 1981-82 of the Sixth Plan period. A list of such projects as well as their ultimate coal requirements (when the units are fully stabilised) is enclosed at statement II.

(d) A statement showing the coal supplied to power stations referred to in part (c) during the last 2 years alongwith the cost of their transportation is enclosed at statement III.

Statement-I

List of Thermal Schemes away from pit heads likely to be commissioned during the Sixth Plan period i.e., 1980-85

Name of the Scheme	Capacity (MW)	Rev. Estimate Cost
1	2	3 (Rs. in lakhs)

(A) NORTHERN REGION

1. Panipat Extn.	2x110	11850
2. Faridabad 3rd Unit	1x60	3196*
3. Roper	2x210	32738
4. Kota St. I	2x110	14304
5. Prichha	2x110	15000
6. Tanda	4x110	27091
7. Badarpur Extn. Unit 5	1x210	8822*

(B) WESTERN REGION

1. Wanakbori	3x210	24200
2. Wanakbori Extn.	3x210	35060
3. Ukai Extn. Unit 5	1x210	8430
4. Satpura Extn. II	2x210	17524
5. Bhusawal 3rd Unit	1x210	9602
6. Nasik Extn. Units 4&5	2x210	14395*
7. Koradi St. III	1x200+ 2x210	24276
8. Parli Extn. 3rd Unit	1x210	11000*
9. Trombay	1x500	22000

(C) SOUTHERN REGION

1. Vijayawada	2x210	19350*
2. Raichur	2x210	23948
3. Tuticorin 3rd Unit	1x210	8875

(D) EASTERN REGION

1. Patratu Extn. IV	2x110	11500
2. Barauni Unit 6&7	2x110	9820
3. Muzaffarpur	2x110	14602
4. Santaldih	4x220	10323*
5. Bandel Extn.	1x210	8343
6. Kolaghat	3x210	28205
7. D.P.L. Extn.	1x110	7309
8. C.E.S.C.	4x6	17300
9. Durgapur Unit.IV	1x210	8571*

(E) NORTH-EASTERN REGION

1. Bongaigaon	2x60	8368* Unit
2. Bongaigaon Extn.	2x60	5383 unit only

Statement—II

List of Thermal units away from pit head Commissioned/rolled during 1980-81 and 1981-82 of VI Plan and their Ultimate coal requirements.

Sl. No.	Name of Units	Capacity in (MW)	Year of Commissioning/rolling	Ultimate coal requirement in million tonnes
1.	Parli Fxtn. (Unit No. 3)	210	1980-81	0.67
2.	Vijayawada (Unit No. 2)	210	1980-81	0.67
3.	Nasik (Unit No. 5)	210	1980-81	0.67
4.	Santaldih (Unit No. 1)	120	1980-81	0.34

*Units already commissioned

5.	Faridabad (Unit No. 3)	60	1980-81	0.21
6.	Bongagaon (1st Unit)	60	1980-81	0.21
7.	Badarpur Unit No. 5.	210	1981-82	0.57

Statement III

Statement showing Coal received by the following TPS during the period 1980 & 1981 and cost of Rail Transport.

Sl. No.	Name of Station	Year		Approximate cost of Transport (Rupees/Tonnes)
		1980	1981	
		(Figure in '000 tonnes)		
1.	Parli	380	616	77.00
2.	Vijaywada	466	1428	52.00
3.	Nasik	1446	2100	84.00
4.	Santaldih	634	679	16.00
5.	Faridabad	238	379	148.00
6.	Bongaigaon	nil	27	126.00
7.	Badarpur	1190	1495	148.00

Installed Capacity of Thermal/ Hydel Energy

9852. SHRI B. R. NAHATA : Will the Minister of ENERGY be pleased to state :

(a) what was the total installed capacity of Thermal, Hydel and Atomic energy in the country at the end of Fifth Five-Year Plan and what is its capacity today ;

(b) whether Government are taking any steps to improve the position of Thermal and Hydel mix in order to achieve the recommendations of Rajadhayaksha Committee ; and

(c) how many hydel project reports are pending clearance with

the Central Electricity Authority and the Government of India and since when ?

THE MINISTER OF STATE IN THE MINISTRY OF ENERGY (SHRI VIKRAM MAHAJAN) :

(a) The total installed capacity in utilities in the country at the end of Fifth Five Year Plan and as on 31-3-1982 is under :

	End of the 5th Plan (MW)	As on 31-3-82 (MW)
Hydro	10833.07	12171
Thermal	15206.99	19415
Nuclear	640.00	860
	<u>26680.06</u>	<u>32446</u>

(b) The Rajadhayaksha Committee have recommended that the Plans for the development of power industry should have a 15-20 year time frame and the Five Year Plans should be built into this Plan so as to optimise the mix of generating sources i.e. thermal, hydel and nuclear. The report of the Committee has been sent to the State Governments. Views from most of the States are still awaited. Prior consultation with the States is considered necessary before taking any action on the recommendation of the Committee. However, the Central Electricity Authority have already undertaken the formulation of a comprehensive long-term Plan for the development of power in the country. The Plan will cover a period of 15 years upto 1995 initially and later it will be extended to incorporate an optimal mix of thermal hydel and nuclear generation. The Plan will provide the basis for drawing up power programme for the Five Year Plans in future.

(c) 87 H.E. Schemes including multipurpose and Mini and Micro