

# COAL INDIA LIMITED

AR 1989



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ANNUAL REPORT AND ACCOUNTS 1989-90  
VOL: ONE

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## MANAGEMENT DURING 1989-90

### CHAIRMAN

Dr. M. P. Narayanan

### FUNCTIONAL DIRECTORS

Shri B. Swaminathan	- Finance
Shri K. A. Sinha	- Technical (Upto 13th July '90)
Shri A. V. Brahma	- Personnel & Industrial Relations (Upto 7th Feb. '90)
Shri U. K. Choubey	- Personnel & Industrial Relations (From 22nd May '90)

### DIRECTORS

Shri V. Krishnan	- Addl. Secy., Deptt. of Coal (Upto 7th June '90)
Shri R. S. Sane	- Jt. Secy. & FA, Deptt. of Coal (Upto 30th Sept. '89)
Shri K. Kosalram	- Jt. Secy. & FA, Deptt. of Coal (From 10th Nov. '89)
Shri Arun Bhatnagar	- Jt. Secy., Deptt. of Power (Upto 31st July '89)
Shri N. Ramji	- Jt. Secy., Deptt. of Power (From 31st July '89)
Shri V. Govindarajan	- Chairman-cum-Managing Director Singareni Collieries Co. Limited (Upto to 21st Aug. '90)
Shri M. Jha	- Chairman-cum-Managing Director Northern Coalfields Limited
Shri G. C. Mrig	- Chairman-cum-Managing Director South Eastern Coalfields Limited (From 17th Jan. '90)
Shri S. K. Chowdhary	- Chairman-cum-Managing Director Central Coalfields Limited
Shri P. R. Sinha	- Chairman-cum-Managing Director Bharat Coking Coal Limited
Shri S. P. Puri	- Chairman-cum-Managing Director Western Coalfields Limited ( From 30th May '89 )
Shri S. P. Mathur	- Chairman-cum-Managing Director Eastern Coalfields Limited (From 6th Jan. '90) Chairman-cum-Managing Director Central Mine Planning and Design Institute Limited (From 30th May '89 to 6th Jan. '90)
Shri Mahip Sing	- Chairman-cum-Managing Director Central Mine Planning and Design Institute Limited (Upto 30th May '89)
Shri J. N. Uppal	- Chairman-cum-Managing Director Central Mine Planning and Design Institute Limited (From 8th January '90 to 21st Sept., '90) Chairman-cum-Managing Director Eastern Coalfields Limited (Upto 6th Jan., '90)

### COMPANY SECRETARY

Shri U. Suryanarayana



## **BANKERS & AUDITORS**

State Bank of India  
Central Bank of India  
Indian Bank  
Punjab National Bank  
Syndicate Bank  
Allahabad Bank  
United Bank of India  
Canara Bank

### **Statutory Auditors**

M/s Gupta & Mitra  
Chartered Accountants  
Windsor House  
29, R. N. Mukherjee Road  
Calcutta – 700 001

### **Branch Auditors**

1. M/s N. Kumar & Co.  
Chartered Accountants  
1306 Dalamal Tower  
Nariman Point  
Bombay – 400 003

2. M/s G. S. Goel & Co.  
Chartered Accountants  
1-587, Katra Ishwar Bhawan  
Khari Baoli  
Delhi 110 006

3. M/s N. C. Mitra & Co.  
Chartered Accountants  
10, Old Post Office Street  
Calcutta 700 001



Dr. M.P. Narayanan



Shri B. Swaminathan



Shri U.K. Choubey



Shri K. Kosalram



Shri N. Ramji



Shri S.P. Mathur



Shri P.R. Sinha



Shri S.K. Chowdhary



Shri M. Jha



Shri G.C. Mrig



Shri S.P. Puri



## MEMBERS OF THE BOARD AS ON 1ST OCTOBER 1990

### CHAIRMAN

Dr. M. P. Narayanan

### FUNCTIONAL DIRECTORS

Shri B. Swaminathan – Finance

Shri U. K. Choubey – Personnel & Industrial Relations

### DIRECTORS

Shri K. Kosalram – Joint Secretary & Financial Adviser  
Department of Coal

Shri N. Ramji – Joint Secretary, Deptt. of Power

Shri S. P. Mathur – Chairman-cum-Managing Director  
Eastern Coalfields Limited

Shri P. R. Sinha – Chairman-cum-Managing Director  
Bharat Coking Coal Limited

Shri S. K. Chowdhary – Chairman-cum-Managing Director  
Central Coalfields Limited

Shri M. Jha – Chairman-cum-Managing Director  
Northern Coalfields Limited

Shri G. C. Mrig – Chairman-cum-Managing Director  
South Eastern Coalfields Limited

Shri S. P. Puri – Chairman-cum-Managing Director  
Western Coalfields Limited

### COMPANY SECRETARY

Shri U. Suryanarayana



## NOTICE OF THE SIXTEENTH ANNUAL GENERAL MEETING

### NOTICE OF THE SIXTEENTH ANNUAL GENERAL MEETING OF COAL INDIA LIMITED

Notice is hereby given to all Shareholders of COAL INDIA LIMITED that the Sixteenth Annual General Meeting of the Company will be held on Friday the 21st day of September, 1990 at 3.00 P.M. at the Registered Office of the Company at "COAL BHAWAN", 10, Netaji Subhas Road, Calcutta - 700 001 to transact the following business :

1. To receive, consider and adopt the Audited Balance Sheet as on 31st March, 1990 and Profit and Loss Account for the year ended 31st March, 1990 together with the Reports of Statutory Auditors', Comptroller & Auditor General of India and Directors' thereon.
2. To appoint a Director in place of Shri K. Kosalram who retires in terms of Article 33(d)(iii) of the Articles of Association of the Company and is eligible for reappointment.
3. To appoint a Director in place of Shri N. Ramji who retires in terms of article 33(d) (iii) of the Articles of Association of the Company and is eligible for reappointment.
4. To appoint a Director in place of Shri P. R. Sinha who retires in terms of Article 33(d)(iii) of the Articles of Association of the Company and is eligible for reappointment.
5. To appoint a Director in place of Shri S. K. Chowdhary who retires in terms of Article 33(d)(iii) of the Articles of Association of the Company and is eligible for reappointment.
6. To appoint a director in place of Shri M. Jha who retires in terms of Article 33(d)(iii) of the Articles of Association of the Company and is eligible for reappointment.
7. To appoint a director in place of Shri S. P. Mathur who retires in terms of Article 33(d)(iii) of the Articles of Association of the Company and is eligible for reappointment.
8. To appoint a director in place of Shri S. P. Puri who retires in terms of Article 33(d)(iii) of the Articles of Association of the Company and is eligible for reappointment.
9. To appoint a Director in place of Shri G. C. Mrig who retires in terms of Article 33(d)(iii) of the Articles of Association of the Company and is eligible for reappointment.
10. To appoint a Director in place of Shri J. N. Uppal who retires in terms of Article 33(d)(iii) of the Articles of Association of the Company and is eligible for reappointment.

By Order of the Board

U. Suryanarayana  
Company Secretary

Dated 29th August, 1990  
Registered Office  
"COAL BHAWAN"  
10, Netaji Subhas Road  
Calcutta - 700 001

NB : A member entitled to attend and vote at the meeting is entitled to appoint a PROXY to attend and vote instead of himself and PROXY need not be a member of the Company.



*I have great pleasure in welcoming you to the 16th Annual General Meeting of Coal India Limited. The Report of the Directors on the performance of your company and its Subsidiaries for the year 1989-90 is already with you.*

*I am happy to report that during the year under review Coal India Limited has achieved a production of 178.60 M.T. as compared to previous year's production of 171.50 M.T. registering increase of about 7 M.T. over the last year's production. The production would have been higher if the targets of Eastern Coalfields Limited and Bharat Coking Coal Limited were fulfilled. During the year, the overall OMS has gone upto 1.21 tonne from 1.15 tonne in 1988-89. Continuing efforts in optimisation of equipment utilisation, rationalisation of manpower and effective Cost Control measures have brought about a significant upswing in our productivity and profitability.*

*It is with immense pleasure and pride that I report a profit of Rs. 80.13 crores for CIL including its Subsidiaries during the year 1989-90. We had reduced losses from Rs. 224.64 crores in 1987-88 to Rs. 23.26 crores in 1988-89 even after absorbing the burden of NCWA - IV. A continuation of the trend of improvement in financial performance has resulted in CIL being able to turn the corner in the year under report. What is more satisfying is the fact that the upswing in financial performance could be realised mainly by achieving a reduction in cost of production in real terms.*

*The turn-around in financial performance has come at a time when it was needed the most. The budgetary support from the government for Capital Expenditure has declined sharply from 96% in 1987-88 to 73% in 1989-90 and is at its lowest at 31% during 1990-91. The growing deficit has to be funded through generation of internal resources.*

*In order to meet the resource gap, your company has for the first time, taken recourse to market borrowings. Bonds (both 9% (tax free) and 13% (taxable) worth Rs. 200 crores has been subscribed by nationalised banks on a private*

*placement basis. Your Company has also floated a Public Deposit Scheme which is open for subscription.*

*As reported last year an MOU was signed between the Department of Coal and Coal India Limited for 1989-90 for the first time and another one has been signed on 28th July, 1990 for the year 1990-91.*

*Besides profitability, this year is notable for the exemplary rescue operations in Mahavir Colliery in November '89.*

*The colliery was inundated with water and 71 miners were trapped in underground. The best of rescue expertise was rushed to the spot and in a span of 72 hours, 65 miners were brought to the surface by Capsule lowered through a hole drilled in a record time. The Capsule was of our own design and fabricated with utmost speed. What essentially made the rescue possible was the availability of improved communication between those trapped underground and the rescue team on surface. President of India sent a letter of appreciation for the rescue efforts.*

*In line with the worldwide emphasis now being laid on conservation of energy, we have already set in motion plans to contain our own consumption of energy and are vigorously promoting the concept among coal users. Within Coal India Limited, a saving of 2.3% in specific energy consumption in terms of KWH/tonne was achieved in 1989-90 as compared to the previous year.*

*Your Company is moving ahead towards achieving the targets of production in the future years. The massive investments called for in identified and new Projects shall have to be largely met from generation of internal resources. We are confident that with the measures for cost control in force the necessary resources can be generated even with coal price remaining constant in real terms in future. What of course, will be needed is a timely compensation for increase in input costs arising out of general inflation in the economy as recommended by BICP and a permanent solution in the problem of growing sales dues particularly with the Power Sector.*

*I am aware that bringing about major change in each and every sphere is not an easy task, but am confident that with the sincere efforts of the dedicated performance of our employees at all levels, CIL will continue to contribute to the alleviation of problems in the Energy Sector.*

*In line, I would thank our consumers, suppliers, employees and their families and specially the Department of Coal and its Executives and Government Officers at all levels, for their unstinted support and guidance during the year.*

M. P. Narayanan

Chairman



(Million Tonnes)

Year ending 31st March	1990	1989	1988	1987	1986	1985	1980	1976
<b>1. Production of Raw Coal</b>								
Under Ground	58.71	61.28	59.04	60.07	59.95	60.50	59.13	65.21
Opencast	119.89	110.22	99.98	84.70	74.16	70.31	32.31	23.77
<b>Total</b>	<b>178.60</b>	<b>171.50</b>	<b>159.02</b>	<b>144.77</b>	<b>134.11</b>	<b>130.81</b>	<b>91.44</b>	<b>88.98</b>
<b>2. Off-take (Raw Coal)</b>								
Power	100.38	89.24	82.18	71.26	65.03	54.65	30.71	23.41
Steel	19.49	20.32	19.47	19.11	20.30	19.64	18.05	16.90
Railway	5.11	5.57	6.36	6.83	7.91	9.50	10.70	13.00
Domestic & Boiler Use	3.47	3.50	3.48	3.54	3.62	3.61	3.25	2.55
Others	45.14	46.39	42.44	40.91	38.06	35.25	27.84	28.41
<b>Total</b>	<b>173.59</b>	<b>165.02</b>	<b>153.93</b>	<b>141.65</b>	<b>134.92</b>	<b>122.65</b>	<b>90.55</b>	<b>84.27</b>
<b>3. Average Manpower</b>	<b>669072</b>	<b>672231</b>	<b>674004</b>	<b>672960</b>	<b>671336</b>	<b>664847</b>	<b>595789</b>	<b>598099</b>
<b>4. Productivity</b>								
A. Average Production per man per year (tonnes)	267	255	236	215	200	197	153	149
B. Output (production) per manshift (OMS)								
i) Under Ground (Tonnes)	0.55	0.57	0.54	0.54	0.53	0.53	0.55	0.60
ii) Opencast (Tonnes)	3.06	2.91	2.65	2.44	2.24	2.10	1.26	0.90
iii) Overall (Tonnes)	1.21	1.15	1.08	0.99	0.92	0.87	0.68	0.66



**IMPORTANT FINANCIAL DATA & RELATIVE RATIOS**

A. Financial Information/Data									(Rs. in Crores)
Year ending 31st March	1990	1989	1988	1987	1986	1985	1984	1983	1982
1. a) Equity (Year end)	5223.86	4764.16	4120.34	3559.50	3012.31	2556.69	2131.65	1691.25	1286.89
b) Net Worth	3255.21	2728.13	2105.81	1777.20	1559.78	1503.32	1155.14	954.23	548.35
2. a) Loan from Govt. of India including overdue Interest	4430.50	3924.69	3670.18	2993.64	2869.64	2482.89	2191.59	1717.82	1453.45
b) Intercompany Loans & Foreign Credits	505.98	146.67	40.20	25.46					
<b>Total Loan</b>	<b>4936.48</b>	<b>4071.36</b>	<b>3710.38</b>	<b>3019.10</b>	<b>2869.64</b>	<b>2482.89</b>	<b>2191.59</b>	<b>1717.82</b>	<b>1453.45</b>
3. Capital Employed	5668.00	4533.98	3976.28	3530.58	3370.83	3040.65	2612.85	2135.41	1590.72
4. a) Gross Margin	916.59	679.26	471.02	141.15	89.36	322.13	76.20	255.69	198.03
b) Gross Profit	446.90	256.27	94.83	(-)165.63	(-)176.09	103.10	(-)103.63	114.91	93.87
c) Net Profit (before Invst. Allow. & Tax)	80.13	(-)23.26	(-)224.64	(-)331.75	(-)404.18	(-)78.03	(-)242.68	(-)5.34	5.63
5. a) Gross Sales	6278.32	5600.09	4398.47	3741.26	3294.10				
b) Net Sales (Net of Royalties, cess, Dev. Prod, b/d prov. etc.)	4819.03	4188.42	3424.01	2955.22	2712.91	2438.85	1992.03	1731.97	1444.27
c) Payment of Royalty, cess etc.	1327.34	1264.30	892.98	730.12	615.17	498.98	288.69	231.30	
6. Social Overheads (inclcd. LTC/LLTC etc.)	316.41	331.83	284.77	235.89	196.55	194.89	152.54	115.73	98.48
7. Earning per Manshifts (Rs.)	146.24	140.47	108.16	106.70	91.35	85.20	79.17	58.82	54.96
8. Average cost of Production of Raw Coal (Rs. per tonne)	264.69	252.91	229.46	221.54	213.97	190.63	183.69	152.02	137.15
9. Avg. Sale value of Raw Coal (Rs. per/tonne)	273.60	252.29	215.41	202.80	190.87	188.18	159.98	155.77	138.09
10. Value Added per Employee (Rs. 000)	59.44	54.34	41.26	35.76	32.14	31.20	25.00	22.90	19.80
11. Social Overhead Expenditure per Employee (Rs. 000)	4.74	4.94	4.23	3.51	2.93	2.93	2.34	1.81	1.50
<b>B. FINANCIAL RATIOS</b>	<b>1990</b>	<b>1989</b>	<b>1988</b>	<b>1987</b>	<b>1986</b>	<b>1985</b>	<b>1984</b>	<b>1983</b>	<b>1982</b>
1. a) Debt : Equity Ratio	0.94	0.85	0.90	0.85	0.95	0.97	1.03	1.02	1.13
b) Net Worth : Equity	0.62	0.57	0.51	0.50	0.52	0.59	0.54	0.56	0.43
c) Current Asset : Current Liability	1.38	1.21	1.24	1.26	1.48	1.70	1.62	1.80	1.66
d) Quick Asset : (C&B and Sundry Debtors)									
Current Liabilities	0.57	0.46	0.41	0.32	0.33	0.36	0.45	0.36	0.32
e) Inventory : Sales (net)	0.30	0.32	0.31	0.33	0.33	0.37	0.38	0.37	0.36
f) Sundry Debtors : Sales (net)	0.30	0.24	0.21	0.16	0.15	0.15	0.19	0.13	0.12
2. a) Gross Margin to Net Sales (%)	19.02	16.22	13.76	4.78	3.29	13.21	3.83	14.76	13.71
b) Gross Profit to Net Sales (%)	9.27	6.12	2.77	(-)5.60	(-)6.49	4.23	(-)5.20	6.63	6.50
c) Net Profit to Net Sales (%)	1.66	(-)0.56	(-)6.56	(-)11.23	(-)14.90	(-)3.20	(-)12.18	(-)0.31	0.39
d) Gross Margin to Capital Employed (%)	16.17	14.98	11.85	4.00	2.65	10.59	2.92	11.97	12.45
e) Gross Profit to Capital Employed (%)	7.88	5.65	2.38	(-)4.69	(-)5.22	3.39	(-)3.97	5.38	5.90
f) Net Profit to Capital Employed (%)	1.41	(-)0.51	(-)5.65	(-)9.40	(-)11.99	(-)2.57	(-)9.29	(-)0.25	0.35

**PROFITABILITY STATEMENT**

(Rs. in Crores)

Year Ending 31st March	1990	1989	1988	1987	1986	1985	1984	1983	1982
<b>Earned From</b>									
Gross Sales	6278.32	5600.09	4398.47	3741.26	3293.10				
Less : (i) Coal from									
Development Mines	51.01	97.58	27.69	26.82	6.22				
(ii) Levies (Royalty, cess etc.)	1408.28	1314.09	946.77	759.22	573.97				
Net Sales	4819.03	4188.42	3424.01	2955.22	2712.91	2438.85	1992.03	1731.97	1444.27
Accretion/Decretion in Stock	79.13	236.89	60.07	51.77	(-)32.88	92.41	32.20	67.76	39.63
Domestic & Boiler consumption of Coal, Coke etc.	123.31	115.60	97.66	92.05	87.21	80.74	71.71	46.59	48.93
Other Revenue Receipts :-									
CMPDIL	60.33	57.73	43.42	39.37	32.58	28.34	28.49	21.27	17.13
Others	167.74	136.23	119.03	104.86	100.87	82.46	71.00	56.47	43.26
Coal Price Regulation Account	—	36.62	59.82	(-)29.83	(-)48.45		42.79	(-)42.79	
<b>Total</b>	<b>5249.54</b>	<b>4771.49</b>	<b>3804.01</b>	<b>3213.44</b>	<b>2852.24</b>	<b>2722.80</b>	<b>2238.22</b>	<b>1881.27</b>	<b>1593.22</b>
<b>Paid and Provided for :</b>									
Employees remuneration & benefits	2212.10	1998.27	1689.76	1616.21	1366.80	1303.48	1185.71	903.03	808.94
Social Overhead (including domestic coal)	316.42	331.83	284.77	235.89	196.55	194.89	152.54	115.73	98.48
S. O. Dep. & Int. (incl. In int. & Dep.)	(-)18.89	(-)16.48	(-)14.22	(-)14.83	(-)10.50	(-)8.23	(-)6.30	(-)4.59	(-)3.23
Stores & Spares	742.77	631.29	568.93	486.02	432.44	382.28	342.41	284.23	222.36
Power & Fuel	329.41	314.72	275.02	246.04	209.81	181.01	149.32	122.03	95.60
Contractors (Transport & Repairs)	344.68	276.09	254.52	204.68	194.25	149.49	118.77	107.90	75.80
Misc. Expenses & Provisions	351.60	375.57	272.68	249.88	319.96	161.07	144.02	81.61	80.72
Interest	366.77	279.53	319.47	166.12	228.09	181.13	139.05	120.25	88.24
Depreciation	469.69	422.99	376.19	306.78	265.45	219.03	179.83	140.78	104.16
O.B.R. Adjustment	(-)29.67	42.56	49.89	(-)2.26	1.79	9.05	8.88	(-)4.39	(-)9.55
Prior Period Adjustment (excl. Int, Dep. & C.P.R.A)	84.53	138.38	(-)48.36	50.66	51.78	27.63	66.67	20.03	26.07
<b>Total</b>	<b>5169.41</b>	<b>4794.75</b>	<b>4028.65</b>	<b>3545.19</b>	<b>3256.42</b>	<b>2800.83</b>	<b>2480.90</b>	<b>1886.61</b>	<b>1587.59</b>
<b>Profit/Loss for the year</b>	<b>80.13</b>	<b>(-)23.26</b>	<b>(-)224.64</b>	<b>(-)331.75</b>	<b>(-)404.18</b>	<b>(-)78.03</b>	<b>(-)242.68</b>	<b>(-)5.34</b>	<b>5.63</b>
Investment Allowance Reserve	0.08	42.24		42.19	39.31	29.49	23.36	24.19	32.94
Income Tax	3.87	0.42	1.39	0.43		0.27	0.15	0.45	
Profit/Loss b/f from prev. year	(-)2325.77	2259.75	(-)2033.72	(-)1659.35	(-)1215.86	(-)1108.07	(-)841.88	(-)811.90	(-)784.59
Cum. Loss carried to B/S	(-)2249.59	(-)2325.67	(-)2259.75	(-)2033.72	(-)1659.35	(-)1215.86	(-)1108.07	(-)841.88	(-)811.90

\* Investment allowance of CMPDIL of last year was not adjusted in progressive Loss for the year 1988-89, now adjusted in the Prog. Fig. for 1989-90.

**FINANCIAL POSITION**

(Rs. in Crores)

As at 31st March	1990	1989	1988	1987	1986	1985	1984	1983	1982
<b>A. What is Owned</b>									
Gross Fixed Assets	7506.93	6425.84	5495.21	4701.06	4029.65	3202.10	2636.41	2098.01	1612.59
Less : Depreciation	2900.54	2417.72	2011.72	1661.19	1400.49	1119.34	872.43	691.04	532.83
<b>Net Fixed Assets</b>	<b>4606.39</b>	<b>4008.12</b>	<b>3483.49</b>	<b>3039.87</b>	<b>2629.16</b>	<b>2082.76</b>	<b>1763.98</b>	<b>1406.97</b>	<b>1079.76</b>
Capital Work-in-Progress	2133.83	1824.16	1443.68	1179.63	834.09	786.57	649.56	491.39	316.19
Misc. expenditure etc. to the extent not written off/adj./invested	27.33	4.67	5.81	8.34	5.23	2.74	2.94	3.21	25.63
<b>Current Assets</b>									
Inventories	1463.66	1323.12	1070.80	982.22	892.43	900.60	760.73	642.58	516.49
Sundry Debtors	1441.93	988.49	722.73	465.45	399.55	377.46	379.18	222.36	176.84
Cash & Bank Balances	174.90	161.71	142.37	141.70	118.68	121.81	235.23	107.50	72.71
Loans & Advances	820.06	564.97	651.68	780.70	883.09	933.52	847.40	662.88	524.30
Total Current Assets	3900.55	3038.29	2587.58	2370.07	2293.75	2333.39	2222.54	1635.32	1290.34
Less Current Liabilities (incl. unpaid interest on Loans)	2828.33	2512.43	2094.79	1879.36	1552.08	1375.50	1373.67	906.88	779.38
<b>Net Current Assets</b>	<b>1072.22</b>	<b>525.86</b>	<b>492.79</b>	<b>490.71</b>	<b>741.67</b>	<b>957.89</b>	<b>848.87</b>	<b>728.44</b>	<b>510.96</b>
<b>Total (A)</b>	<b>7839.77</b>	<b>6362.81</b>	<b>5425.77</b>	<b>4718.55</b>	<b>4210.15</b>	<b>3829.96</b>	<b>3265.35</b>	<b>2630.01</b>	<b>1932.54</b>
<b>B. What is Owed</b>									
Govt. Loan & overdue Interest	4430.50	3924.69	3670.18	2993.64	2869.64	2482.89	2191.59	1717.82	1453.45
Inter corporate Loan	125.00	100.00							
Other Loans (foreign credits, bonds, Public deposits etc)	380.98	46.67	40.20	25.46					
Bank Loan (over drafts) etc.	333.98	168.41	189.63	200.27	122.00	152.90	182.92	112.15	64.62
Less : Overdue interest incl. in Current Liabilities	(-)685.90	(-)605.09	(-)580.05	(-)278.02	(-)341.27	(-)309.15	(-)264.30	(-)154.19	(-)133.88
<b>Total (B)</b>	<b>4584.56</b>	<b>3634.68</b>	<b>3319.96</b>	<b>2941.35</b>	<b>2650.37</b>	<b>2326.64</b>	<b>2110.21</b>	<b>1675.78</b>	<b>1384.19</b>
<b>Net worth (A-B)</b>	<b>3255.21</b>	<b>2728.13</b>	<b>2105.81</b>	<b>1777.20</b>	<b>1559.78</b>	<b>1503.32</b>	<b>1155.14</b>	<b>954.23</b>	<b>548.35</b>
<b>Represented By</b>									
Equity Capital (incl. pending allotment)	5223.86	4764.16	4120.34	3559.50	3012.31	2556.69	2131.65	1691.25	1286.89
Reserves	280.94	289.64	245.22	251.42	206.82	162.49	131.56	104.86	73.36
Profit (+)/Loss (-)	(-)2249.59	(-)2325.67	(-)2259.75	(-)2033.72	(-)1659.35	(-)1215.86	(-)1108.07	(-)841.88	(-)811.90
<b>Total</b>	<b>3255.21</b>	<b>2728.13</b>	<b>2105.81</b>	<b>1777.20</b>	<b>1559.78</b>	<b>1503.32</b>	<b>1155.14</b>	<b>954.23</b>	<b>548.35</b>



## DIRECTORS' REPORT FOR THE YEAR 1989-90

To  
The Members,  
Coal India Limited.

Gentlemen,

I have great pleasure in presenting to you on behalf of the Board of Directors, the 17th Annual Report of the Company together with audited accounts for the year ended 31st March, 1990. The audited Statement of Accounts, the Statutory Auditors' Report thereon and the comments and review of the Comptroller and Auditor General of India are annexed to this report.

1. During the year under review, the Company continued to hold seven fully owned Subsidiary Companies viz :

Eastern Coalfields Limited  
Bharat Coking Coal Limited  
Central Coalfields Limited  
Northern Coalfields Limited  
Western Coalfields Limited  
South Eastern Coalfields Limited  
Central Mine Planning & Design Institute Limited.

The mines in Assam, through its NEC Division, and Dankuni Coal Complex continued to be managed directly by your Company.

The proposal for creation of a new Company for Talcher, Ib Valley and Mand-Raigarh Coalfields is under consideration of the government.

### 2. Working Results

Your directors are happy to report that during the year 1989-90, CIL make a profit of Rs. 80.13 Crores before taxes and Investment Allowance Reserve. Subsidiarywise figures are as below :

(Rupees in Crores)			
Company	1989-90		1988-89
ECL	(+)	76.43	(+) 33.75
BCCL	(+)	51.33	(-) 5.19
CCL	(+)	10.76 *	(+) 6.41
NCL	(+)	2.10 *	(+) 3.57
WCL	(-)	30.94	(-) 15.93
SECL	(-)	32.32	(-) 47.56
CMPDIL	(+)	2.42 *	(+) 2.42
NEC including Stockyards	(+)	0.35	(-) 0.73
<b>Total CIL</b>	<b>(+)</b>	<b>80.13 *</b>	<b>(-) 23.26</b>

\* Before Tax provision for Rs. 3.87 Crores (CCL, NCL & CMPDIL) and Investment Allowance Reserve of Rs. 0.08 Crores (CMPDIL). For the first time CIL has made a profit of this order.

### 3. Production Performance :

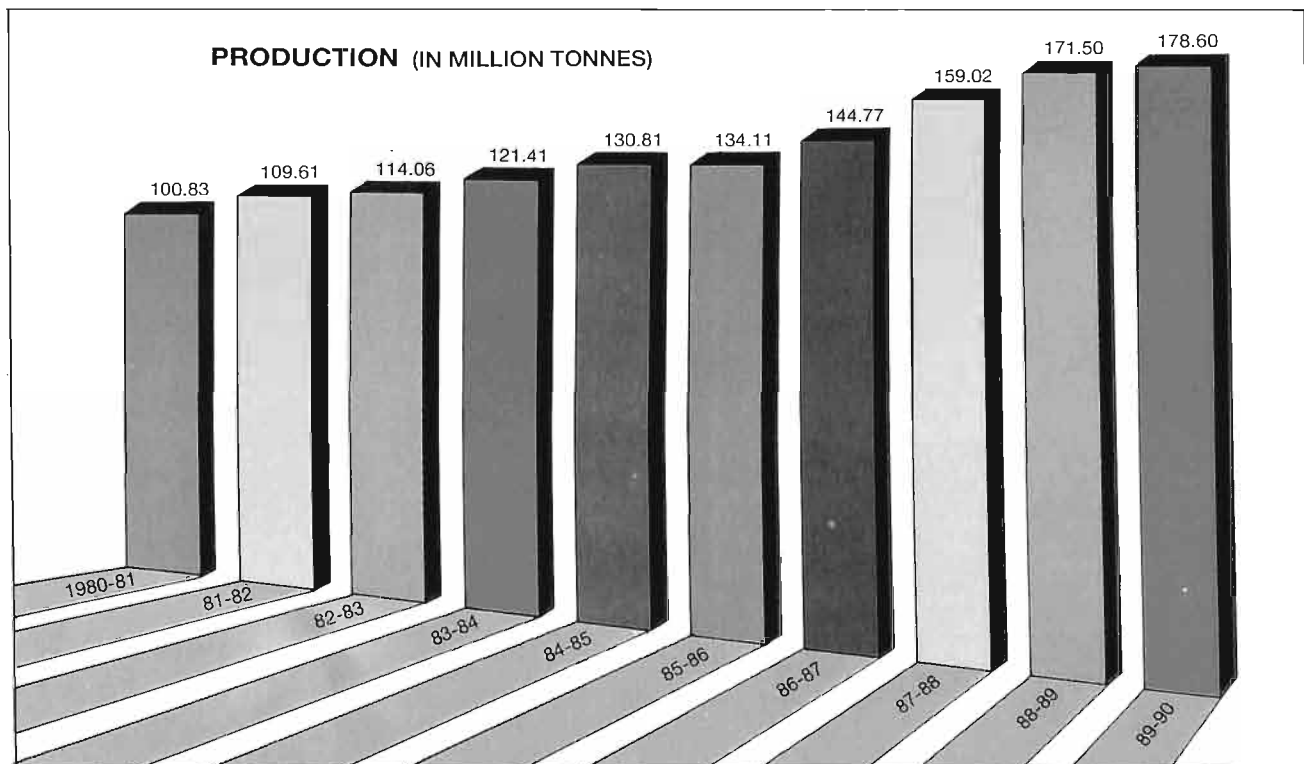
3.1 The production of Coal during the year 1989-90 was 178.60 Million Tonnes as against the previous year's production of 171.50 Million Tonnes. The overall annual growth during 1989-90 was 4.2% over the previous year. The subsidiarywise position is as below :

#### Raw Coal Production

(Figures in Million Tonnes)

Company	Coking Coal		Non-coking Coal		Total Raw Coal	
	1989-90	1988-89	1989-90	1988-89	1989-90	1988-89
ECL	0.21	1.42	24.28	28.71	24.49	30.13
BCCL	13.90	14.80	12.71	11.50	26.61	26.30
CCL	9.24	14.29	19.35	13.78	28.59	28.07
NCL	—	—	23.28	19.63	23.28	19.63
WCL	0.62	0.70	22.39	21.36	23.01	22.06
SECL	0.10	0.09	51.68	44.32	51.78	44.41
NEC	—	—	0.84	0.90	0.84	0.90
<b>Total CIL</b>	<b>24.07</b>	<b>31.30</b>	<b>154.53</b>	<b>140.20</b>	<b>178.60</b>	<b>171.50</b>

\* Coking Coal includes coal declared as coking but used for non-metallurgical purpose.



### 3.2 Production of Soft Coke, Hard Coke and Washed Coal :

The Production of Soft Coke, Hard Coke and Washed Coal in 1989-90 was 9.81 lakh tonnes, 3.94 lakh tonnes and 82.38 lakh tonnes respectively as against last year's production of 13.07 lakh tonnes, 3.95 lakh tonnes and 87.25 lakh tonnes respectively. The subsidiarywise position is as below :

(Figures in lakh tonnes)

Company	Soft Coke		Hard Coke		Washed Coal	
	1989-90	1988-89	1989-90	1988-89	1989-90	1988-89
ECL	4.49	6.09	-	-	-	-
BCCL	1.78	2.70	3.71	3.76	38.90	45.06
CCL	3.54	4.28	0.23	0.19	40.29	38.90
WCL	-	-	-	-	3.19	3.29
<b>Total CIL</b>	<b>9.81</b>	<b>13.07</b>	<b>3.94</b>	<b>3.95</b>	<b>82.38</b>	<b>87.25</b>

3.3 The production of Raw Coal from underground mines and opencast mines in 1989-90 was 58.71 million tonnes and 119.89 million tonnes respectively as against last year's production of 61.28 million tonnes and 110.22 million tonnes respectively. The subsidiarywise position is as below :

(Figures in Million Tonnes)

Company	Underground Mines		Opencast Mines		Total	
	1989-90	1988-89	1989-90	1988-89	1989-90	1988-89
ECL	14.72	16.40	9.77	13.73	24.49	30.13
BCCL	13.29	14.35	13.32	11.95	26.61	26.30
CCL	4.76	4.62	23.83	23.45	28.59	28.07
NCL	-	-	23.28	19.63	23.28	19.63
WCL	9.94	10.11	13.07	11.95	23.01	22.06
SECL	15.65	15.40	36.13	29.01	51.78	44.41
NEC	0.35	0.40	0.49	0.50	0.84	0.90
<b>Total CIL</b>	<b>58.71</b>	<b>61.28</b>	<b>119.89</b>	<b>110.22</b>	<b>178.60</b>	<b>171.50</b>

3.4 The total quantum of overburden removed in 1989-90 was 278.44 Million Cubic Metres as against last year's figure of 246.22 MM<sup>3</sup>. This was 32.22 MM<sup>3</sup> more than last year registering a growth rate of 13.6% over the previous year. Subsidiarywise quantum of overburden removed is as under :

Overburden Removed (in Million Cu. M)

Company	1989-90	1988-89
ECL	23.20	25.85
BCCL	28.07	26.77
CCL	46.70	45.03
NCL	83.54	69.39
WCL	39.77	32.58
SECL	53.06	42.48
NEC	4.10	4.12
<b>Total CIL</b>	<b>278.44</b>	<b>246.22</b>

View of a Washery.





#### 4. Population of Equipment (HEMM) :

Population of major HEMM as on 31.3.1990 showing the break-up of subsidiarywise deployment is as follows :

(Quantity in numbers)

Equipment	ECL	BCCL	CCL	NCL	WCL	SECL	CIL Total as on 31.3.90	Previous year total as on 31.3.89
Dragline	—	2	—	8	2	17	29	26
Shovel	80	128	122	81	153	138	702	608
Dumper	291	524	846	428	628	686	3403	3151
Dozer	89	163	189	133	145	181	900	854
Drill	47	120	145	89	84	118	603	561
Grader	15	11	22	31	21	34	134	111
Loader	135	152	158	17	41	65	568	575
Crane	17	18	32	44	25	47	183	162
Scraper	38	2	—	—	58	28	126	133
<b>Total</b>	<b>712</b>	<b>1120</b>	<b>1514</b>	<b>831</b>	<b>1157</b>	<b>1314</b>	<b>6648</b>	<b>6181</b>

*A Dragline in Operation.*





### 5. Constraints :

Due to various constraints, especially deterioration of power supply from DVC and BSEB, heavy absenteeism, industrial relations and breakdown of machines etc., the Company suffered a total loss of raw coal production of 10.32 million tonnes during 1989-90 compared to 4.67 million tonnes of the previous year. Factor-wise break-up of loss of production of raw coal is indicated below :

(Figures in Million Tonnes)

Factor	Loss of production of raw coal	
	1989-90	1988-89
Power	2.48	2.02
Absenteeism	2.18	0.44
Labour unrest	0.42	0.48
Other constraints	5.24	1.73
<b>Total :</b>	<b>10.32</b>	<b>4.67</b>

### 6. Availability of Power

The availability of power to mines in ECL, BCCL and CCL was far from satisfactory during 1989-90. ECL, BCCL and CCL received a major chunk of power from DVC either directly or through BSEB, DPS and WBSEB. The overall availability of power was around 380.8 MVA as against the demand of 505.5 MVA during the year leaving a heavy shortfall of 124.7 MVA. Besides this, the number of interruptions increased during the year from 15,823 (cumulative) to 23,778 (cumulative) compared to last year, delay in restoration of power resulted in 20,993 feeder hours loss (cumulative) as compared to 13,574 (cumulative) feeder hours loss during the previous year. To improve power availability in mines, Disergarh Power Supply Co. will install, operate and maintain 2 x 10 MW captive power plant at Chinakuri with stoker fired boiler, on lease term. The first Unit is expected to be commissioned by the end of October and the second Unit is also expected to be completed by the end of April, 1991. M/s BHEL was entrusted with the job of installation of 2 x 10 MW captive power plant with fluidised bed boilers at Moonidih (BCCL) and Kathara (CCL) and they are expected to be completed by 1990-91. Status of power supply from DVC source to ECL, BCCL and CCL during 1989-90 compared to 1988-89, as against the Demand, is indicated below :

Company	Demand in MVA		Availability in MVA		No. of interruptions		Feeder hours lost	
	89-90	88-89	89-90	88-89	89-90	88-89	89-90	88-89
ECL	130.0	103.5	92.5	93.6	6670	3493	5616	3077
BCCL	245.5	227.0	190.2	193.4	11099	7323	10255	6687
CCL	130.0	113.0	98.1	99.6	6009	5007	5122	3810
<b>Total</b>	<b>505.5</b>	<b>443.5</b>	<b>380.8</b>	<b>386.6</b>	<b>23778</b>	<b>15823</b>	<b>20993</b>	<b>13574</b>

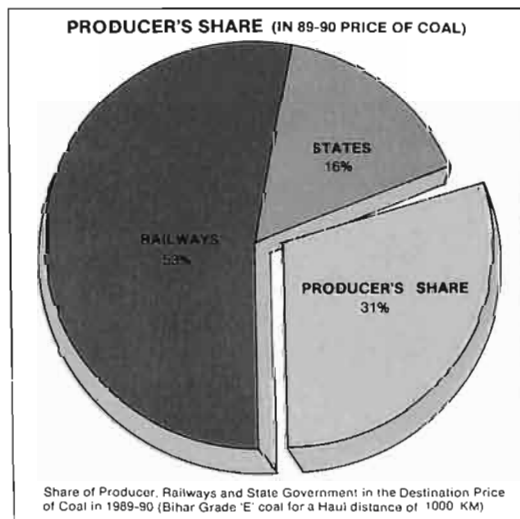
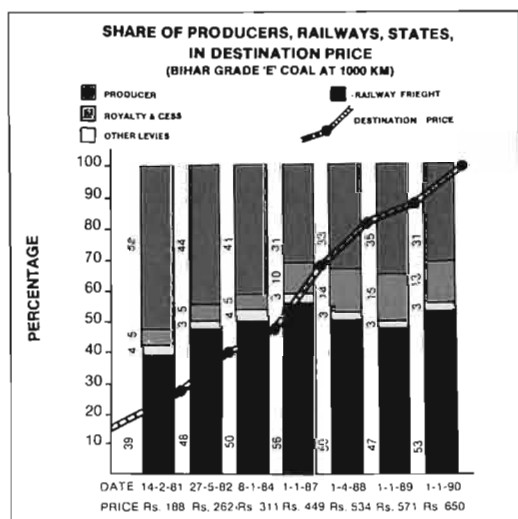
## 7. Productivity

The overall OMS during the year under review has gone up to 1.21 tonnes from 1.15 tonnes in 1988-89 registering a growth rate of 5.21%. The Companywise OMS position is given as :

Company	OMS (in Tonnes)		% increase/decrease in 1989-90 over the previous year
	1989-90	1988-89	
ECL	0.61	0.73	(-) 16.4
BCCL	0.76	0.75	1.3
CCL	1.20	1.14	5.3
NCL	8.73	8.18	6.7
WCL	1.32	1.26	4.0
SECL	1.99	1.77	12.4
NEC	0.79	0.86	(-) 8.1
<b>Overall CIL</b>	<b>1.21</b>	<b>1.15</b>	<b>5.21</b>



Inauguration of the Seminar on Productivity Challenges in the 90's in the Corporate Sector.



## 8. Coal Marketing

**Demand and Off-take of Coal :** Demand of 185.72 million tonnes of Coal was assessed for 1989-90. Against this demand, actual off-take was 173.59 million tonnes showing a demand satisfaction of 93.5% compared to 95.4% demand satisfaction in the previous year. Sectorwise details are given below :

(Figures in Million Tonnes of Raw Coal)

Sector	1989-90			1988-89		
	Demand	Off-take	% Satisfaction	Demand	Off-take	% Satisfaction
Power (Utility)						
Raw Coal	100.40	100.38	99.9	90.81	89.24	98.3
(Middlings)	(2.70)	(2.16)	(80.0)	(3.80)	(2.15)	(56.3)
Steel	22.80	19.49	85.5	22.50	20.32	90.3
Loco	5.40	5.11	94.6	6.00	5.57	92.8
Cement	8.00	7.40	92.5	7.67	7.65	99.7
Fertilizer	4.60	3.56	77.4	4.30	3.54	82.3
S/Coke making	3.30	1.30	39.4	2.85	1.73	60.7
Export	0.30	0.16	53.3	0.30	0.19	63.3
BRK / Others	37.40	32.72	87.5	35.35	33.28	94.1
Colliery consumption	3.52	3.47	98.6	3.52	3.50	99.4
<b>Total :</b>	<b>185.72</b>	<b>173.59</b>	<b>93.5</b>	<b>173.30</b>	<b>165.02</b>	<b>95.2</b>

The demand satisfaction for power sector was 99.9% which constitutes about 54.5% of the total demand. Demand satisfaction for Steel, Loco, Cement and other low priority consumers was above 87.5%. The stock of coal with all these priority sectors remained satisfactory throughout the year.

At the end of March '90, stock of coal with the power sector stood at 39.63 lakh tonnes equivalent to 12 days' of daily average consumption; with steel 4.70 lakh tonnes, equivalent to about 13 days' daily average consumption, with cement 4.20 lakh tonnes, equivalent to 10 days' requirement.

## 9. Despatches

9.1 The overall despatches of coal and coal products by various modes during the year 1989-90 was 166.25 million tonnes as against 157.36 million tonnes in the preceding year. Modewise break up during 1988-89 and 1989-90 are tabulated below :

(Figures in Million Tonnes)

Year	Mode of transport					Total
	Rail	Road	MGR	Ropeway	Belt	
1989-90	102.74	26.01	26.77	4.25	6.48	166.25
1988-89	98.22	28.82	20.55	4.01	5.76	157.36

During the year, the despatches through MGR increased from 20.55 million tonnes to 26.77 million tonnes registering a growth rate of 30%.

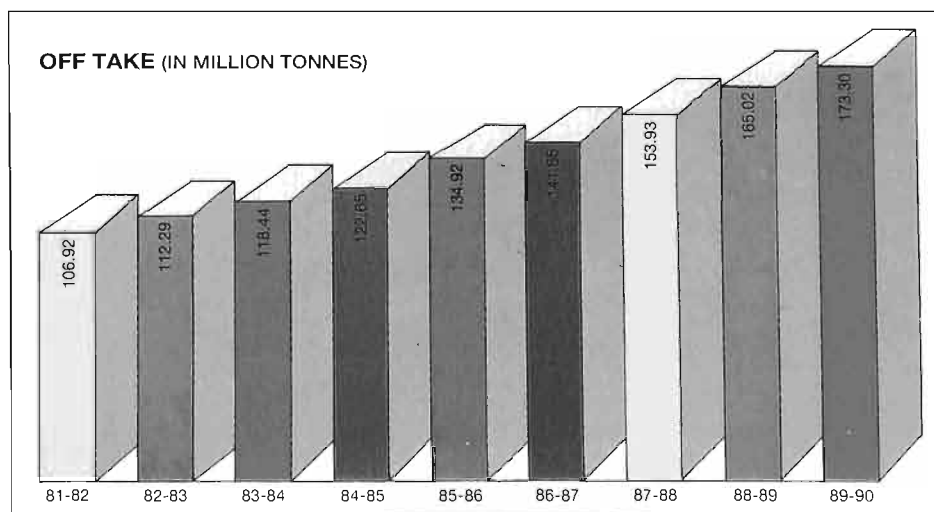
9.2 Daily average loading of wagons in 1989-90 attained a level of 12791 wagons per day which is 567 wagons per day higher as compared to last year. Following table gives daily average loading target and actual daily average offer, supply and loading of wagons. It would be observed that achievement of loading target was 94.3% in 1989-90.

(Figures in FWW/Day)

Year	Loading target	Offer	Supply	Loading
1989-90	13562	13742	12936	12791
1988-89	12690	12998	12361	12224

**9.3 Quality Improvement:** Great stress has been laid on consumer satisfaction. Complaints received from different sectors of consumers are being regularly monitored, analysed and corrective actions are taken. Coal seams being won by underground mining and opencast operations are being checked periodically and grades are revised depending on such periodical sample analysis. In the year 1990-91, 30 seams of CIL have been downgraded. Supervision of wagon loading at the collieries have been tightened. All classes of consumers have been given the option of supervising loading of wagons at the loading point itself. A complaint book is being maintained at the loading points for recording the observations of the consumers. Corrective actions are being taken on the spot on the basis of such observations. As a result, the total number of complaints has come down to 278 in the year 1989-90 from 466 of the previous year. The total number of complaints of CIL during first quarter of 1990-91 is 72, out of which 50 from power sector and 22 from other small consumers. CIL has already extended joint sampling facility with large consumers like Power, Steel, Loco and Cement. Payments are being made on the basis of such joint sample results. A high power committee was constituted with Director (Tech), CIL as the Chairman and the Director (Tech) of all the Subsidiary Companies as its members to assess accurately the status of implementation of various measures adopted towards consumers satisfaction and also to frame realistic action plan for completion of the residual portion as well as new actions to be recommended towards the same objectives.

In order to ensure loading of uniform sized coal free from extraneous materials, CHPs have been commissioned at various loading points. Places where CHP do not exist, collieries have been directed to arrange for the breaking of oversize coal and segregate extraneous materials by manual means. Till 1989-90, 232 CHPs (80 major and 152 minor) with installed capacity of 115.60 million tonnes per year have been commissioned. It is expected that 33 more CHPs with installed capacity of 50.15 million tonnes will be completed during this year.



## 10. Foreign Exchange Earning

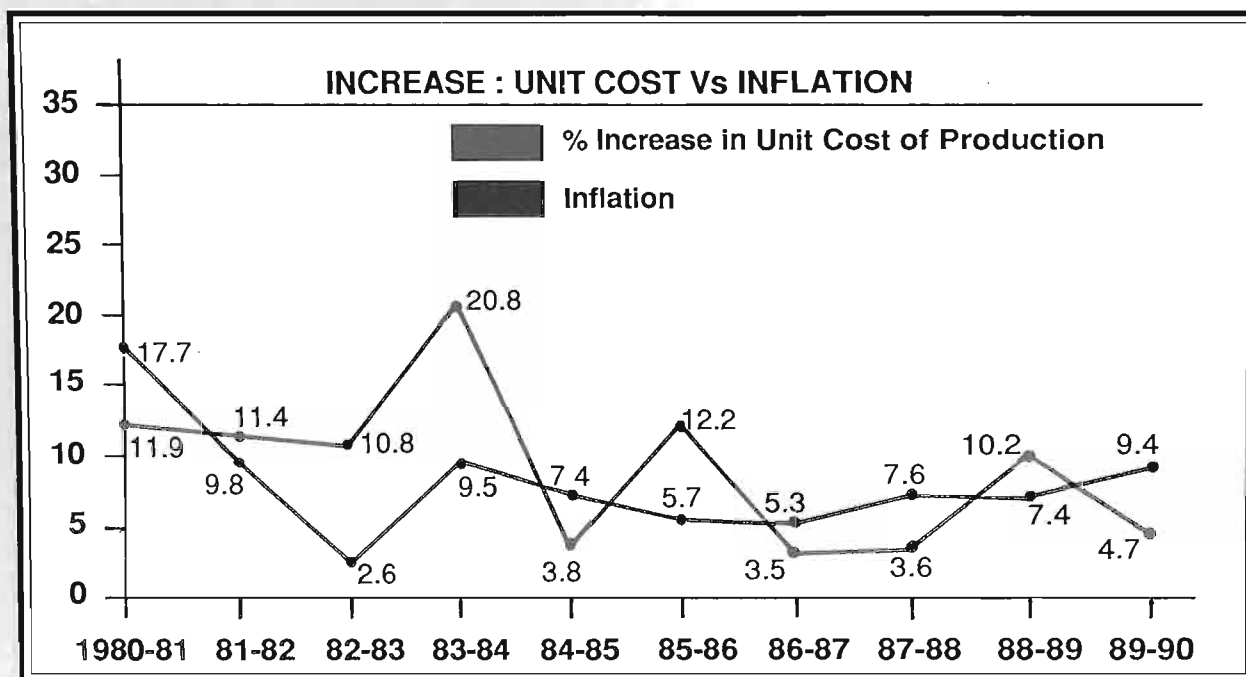
The overall coal/coke export from CIL during 1989-90 was about 1.37 lakh tonnes. Coal export was made to Bangladesh against Foreign Exchange resulting in foreign exchange earning of about US \$ 7.9 million which was received by MMTC, the canalising agency for export of coal.

## 11. Capital Expenditure

Expenditure on Capital Account during 1989-90 was Rs. 1419.15 crores against Rs. 1282.81 crores during the previous year as indicated below :

(Rupees in Crores)

Company	1989-90	1988-89
ECL	230.93	178.85
BCCL	206.06	204.27
CCL	216.14	135.31
NCL	343.08	304.29
WCL	154.84	158.37
SECL	243.52	262.30
CMPDIL	8.34	8.34
NEC	7.00	7.67
DCC	6.25	20.73
CIL (Headquarters)	2.99	2.68
<b>Total</b>	<b>1419.15</b>	<b>1282.81</b>



## 12. Capital Structure

Authorised Share Capital of the Company as on 31.3.90 was Rs. 6000 crores. The paid-up Capital of the Company as on 31.3.90 was Rs. 5221.82 crores (including Rs. 256.93 crores worth of Shares issued to the Government of India for consideration other than cash). An amount of Rs. 2.04 crores Equity pending allotment was received from the Government for payment of land compensation for which the Equity Shares were issued on 6th June '90.

Total Investment by the Government of India in CIL and Subsidiaries as on 31st March, 1990 was Rs. 8968.46 crores.

	Rs. in Crores
Share Capital including equity pending allotment of Rs. 2.04 crores	5223.86
<b>Loan Fund :</b>	
Plan Loan	3302.94
Non-Plan Loan	441.66
	<u>8968.46</u>

## 13. Borrowings

### 13.1 Borrowings from Government of India

During the year a sum of Rs. 588 crores was received from the Government of India as loan. A sum of Rs. 488.83 crores was paid to Government towards repayment of loan (Rs. 163.01 crores) and interest (Rs. 325.82 crores) as against Rs. 484.33 crores in the previous year. Government of India has waived penal interest of Rs. 73.19 crores for the year 1988-89.

### 13.2 Bonds and Public Deposits

During the year 1989-90, CIL has issued Rs. 200 crores worth of Bonds to Nationalised Banks/their subsidiary companies on private placement basis. Rs. 50 crores 13% non-convertible Secured Bonds redeemable at par in December 1996 and Rs. 150 crores 9% (tax-free) non-convertible Secured bonds redeemable at par in March 2000. During the year 1989-90, CIL has invited Public Deposits and an amount of Rs. 10.98 crores was received.

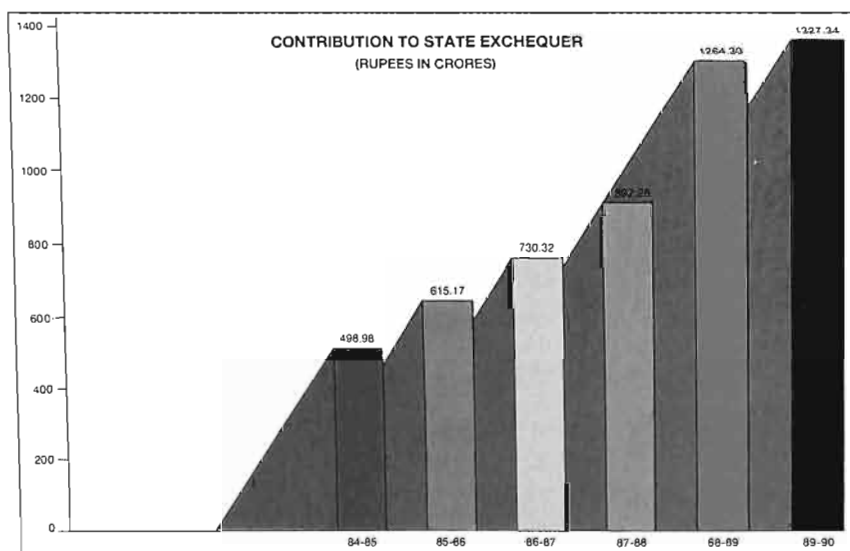


#### 14. Payment of Royalty, Cess and Sales Tax

CIL and its Subsidiaries, during the year 1989-90 paid Central and State Governments Rs. 1327.34 crores against Rs. 1264.30 crores in previous year. The break-up of Royalty, Cess and Sales Tax payments for 1988-89 and 1989-90 are indicated below :

(Rs. in crores)

	1989-90	1988-89
Royalty	80.32	81.35
Cess	995.47	958.65
Sales Tax (State and Central)	251.55	224.30
	1327.34	1264.30



84th Annual General Meeting of MGMI and the Holland Memorial Lecture. Dr. M.P. Narayanan assumed the Presidentship of MGMI.

Workshop on the Design of Executive Performance Appraisal System for CIL held at Bangalore.

## 15. Planning

Annual Action Plan drawn for the year 1989-90, as approved by Department of Coal, was monitored regularly. Annual Plan 1990-91 was also drawn up and approved at CIL and at Government level. Annual Action Plan 1990-91 was also approved at CIL. Performance during 1989-90 against the Annual Action Plan for the year and plan for 1990-91 are shown as below :

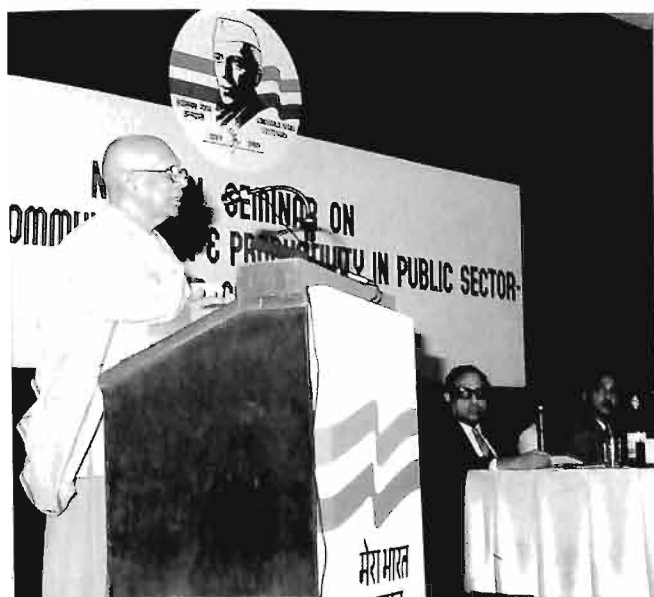
	1989-90		1990-91
	Plan	Actual	Plan
1. Production (Million Tonnes)	183.50	178.60	194
2. Productivity (OMS Tonne)	1.18	1.21	1.30
3. Plan Expenditure (Rs. crores)	1800	1419.15	2031

A MOU was signed on 28th July, 1990 with the Secretary, Department of Coal with a targeted Coal Production of 194 million tonnes during 1990-91.

### 15.1 Project formulation

During the year CMPDIL has prepared 235 Reports consisting of 66 Project Reports, 27 Revised Cost Estimates / Revised Project Reports, 61 Environmental Management Plan (EMP), 44 Geological Reports and other reports 37.

The Mining Projects with an additional investment of Rs. 4324 crores will generate an additional capacity of 74.39 million tonnes of coal.



Swami Ranganathananda delivering the Inaugural Address at the Seminar on Corporate Communication and Productivity in the Public Sector.



The Chairman, CIL, addressing the IIPE Seminar. Shri T.C. Dutt, Chief Secretary, West Bengal was also present on this occasion.



## 15.2 Capital Projects/Schemes

Presently there are 319 Coal Projects, each having an initial capital outlay of Rs. 2 crores and above with the total sanctioned capital outlay of Rs. 9600.88 crores and ultimate capacity of 247.78 million tonnes per annum. Out of these 319 Projects, 127 Projects are completed and balance 188 Projects are in different stages of construction.

Besides these Projects, there are 173 non-coal Projects/Schemes each having an initial capital outlay of Rs. 2 crores and above with the sanctioned capital outlay of Rs. 1853.21 crores. Among the Washery Projects Moonidih, Sudamdih, Nandan and Rajrappa have been completed. In Dankuni Coal Complex 5 retorts have been commissioned and gas making commenced.

The major non-coal Projects under construction are Madhuband Washery, Kedla Washery, Central Workshop at Singrauli, Captive Power Plants at Moonidih, Kathara and Chinakuri, modification of Patherdih Washery. 36 Advance Action Schemes for Coal Projects with a total capital outlay of Rs. 126.74 crores are also under implementation.

During 1989-90, CIL Board approved 24 Projects/Schemes (including Revision/Expansion and updated Cost Estimates), Companywise details of Projects/Schemes as approved by CIL Board during 1989-90 are given below :

	<u>New Projects</u>	<u>Expansion/ Revision/RCE</u>	<u>Advance Action Schemes</u>	<u>Total</u>
ECL	-	3	1	4
BCCL	-	1	-	1
CCL	1	2	1	4
NCL	2	1	1	4
WCL	2	2	-	4
SECL	1	5	1	7
Total :	<u>6</u>	<u>14</u>	<u>4</u>	<u>24</u>

During 1989-90, the following Coal Projects have been sanctioned by the Government.

<u>Sl. No.</u>	<u>Projects</u>	<u>Capacity (Mty)</u>	<u>Capital (Rs. Crores)</u>
1	Jambad OC, ECL	1.70	210.55
2	Kothadih OC & UG, ECL	2.48	267.52
3	Piparwar OC, CCL	6.50	542.43
4	Rajrappa (RCE) OC, CCL	3.00	133.63
5	Kakri (RCE) OC, NCL	2.50	137.80
6	Sasti (RCE) OC, WCL	1.00	66.71
		<u>17.18</u>	<u>1358.64</u>

54 Projects including RCE/RPR are pending with Government for sanction (CIL - 1, ECL - 5, BCCL - 7, CCL - 18, WCL - 8, NCL - 3, SECL - 12).

## 16. Communication System

CIL is in the process of developing its own reliable and efficient communication network for fast decision-making. The network is being developed for providing communication linkages both for voice and data from corporate office to all Subsidiary Company Headquarters and Department of Coal/CIL Office, New Delhi and Company Headquarters to Area Offices and Area to Mines.

The COALNET communication plans of CIL has been formulated to establish the aforesaid communication linkages over land as well as Satellite-based systems depending upon cost economic consideration.

"Computer Networking" has been envisaged over the COALNET communication links for inter-connecting various computers at CIL premises for creation of data base and MIS for effective management.

COALNET is being implemented in phases and DOT is executing the Phase - I & II programme on turn-key basis.

COALNET Phase - I aims to provide communication links with Company Hqrs. and Deptt. of Coal, New Delhi for voice and data covering 9 locations. Six locations are Satellite-based and three on land-based system. The proposed Satellite Stations at CIL premises are Singrauli, Margherita, New Majri, Bilaspur. DOT's Earth Station at Calcutta and Delhi have been used for COALNET links with suitable augmentation. The land based systems are at Dhanbad (BCCL), Ranchi (CCL & CMPDIL) and Sanctoria (ECL). The Satellite Station at Singrauli and the land based system at Ranchi and Dhanbad have already been commissioned, including the augmentation work of D.O.T. earth station at Calcutta. The work at the remaining stations has also made considerable progress during the year and expected to be completed shortly.

COALNET Phase - II programme, aiming to provide connectivities with four important areas and projects, also made a headway during the year with the establishment of voice link with Rajmahal Project of ECL from CIL, Calcutta. The work for the satellite stations to be established at Patharkera and Pench (WCL) and land based system at North Karanpura made progress.

In order to bring down the investment level of the COALNET communication network to minimum, a relook was given into the approach for the final COALNET scheme using DOT facilities to the fullest, wherever considered dependable and adequate to meet CIL's requirement. The revised scheme has also been approved by CIL Board and further action is in progress.

Based on the above, the COALNET Phase - III & IV programme has been firmed up for developing the network to cover the area levels of the subsidiary companies and finally the colliery level. The Phase - II programme is to be developed during the VIII Plan period. The technology to be adopted has been finalised. Analog/Digital MART, HF-ISB/UHF system and low cost data terminals using DOT's Remote Area Business Message Network (RABMN) for computer data communication shall be utilised. However, the areas of SECL have already been connected over HF-ISB systems which could bring improvement in the communication needs of SECL HQ Station with its areas.

In Phase - IV programme, COALNET network is proposed to cover colliery levels and during the VIII Plan period about 80 locations would be taken up over land based MART/Satellite based RABMN System.

During the year FAX facility has been introduced in DOC/CIL Office, Delhi and CIL, Calcutta. Bilingual Telex machines at CIL, Calcutta and BCCL (Dhanbad) and SECL (Bilaspur) have been installed which are helping in quick transmission of messages and documents. Electronic Exchanges (EPABX) have been commissioned at CIL, Delhi and at some locations at Subsidiary level. One 224 line (EPABX) Electronic Exchange is in advance stage of commissioning at CIL, Calcutta.

## 17. Computerisation

In recent years attention has been focussed mainly on design, development and implementation of Integrated Information System in CIL which will cut across functional boundaries to serve operation in a timely fashion. To achieve this, more sophisticated software is under development and implementation and new advanced computers have been installed in two subsidiary headquarters.

For Mine Planning and Design a VAX 11/780 Computer System with sophisticated software has been installed. MINEX software will help in automating the opencast mine planning taking raw data from borehole surveys. The software is already in operation and extensive training is planned starting from August '90. DISCO software will help in interpreting Seismic Survey data. GTSTRUDL will help in better structural design. Parallely the Regional Institutes are gearing themselves up for automating design and drafting through computers. By 1990-91 the CMPDIL design aspects are planned to be automated.

To record medical history of workers a plan has been drawn to computerise Periodic Medical Examination Centres. A study to develop the system has been completed with the help of doctors. All PME centres, totalling about 70 will be covered under this plan by 1990-91.

*Computerisation used extensively from Seismic Data processing to record medical history from the Periodic Medical Examination Centres.*

*A drilling operation for coal exploration in progress.*



Computerisation of Marketing Information System for consumer satisfaction, quality control and proper billing and realisation of outstanding has been taken up and will be completed by 1990-91. To serve the consumers effectively and efficiently in terms of linkage, financial coverage system, programming and despatch in time, minimisation of backlog, reconciliation of outstandings and refund/adjustment, quality control etc. and accordingly to generate reports to act as aid to planning and control mechanism, computerisation has been felt necessary to be introduced and implemented in all companies in a phased manner. On priority basis, in the first phase during 1990-91, Road Sales operation at all the companies has been envisaged to be brought under computerisation. Computerised rail rake information system will be implemented in 1990-91 for better customer satisfaction.

CIL has developed in-house software on Maintenance Management System and has implemented it in some specific opencast projects. During 89-90, Maintenance Management System was implemented in five projects and it is under implementation in seventeen projects. Plan has been drawn up for integrating Maintenance Management System with ON-LINE MMS to achieve better monitoring & control. Extension of this project for breakdown analysis and proper Warning System is under implementation.

CIL has developed a software named "COALPROM" which can generate information on the slipping projects, slipping activities, cost overrun of projects and action required to be taken to keep the projects within cost & within time. This system is being introduced through PC in all projects costing Rs. 100 crores and above in first phase and in projects between Rs. 20 to Rs. 100 crores in the 2nd phase. "COALPROM" is an on-going project. It was implemented in ten such mines and 250 officials were exposed to this programme.

In view of increasing production and large volume of Materials Management activities to be monitored, an Integrated on-line MM System covering Inventory Control, Stores & Purchase Management has been developed for implementation in all the subsidiaries. The system will generate accurate & timely MIS for proper monitoring and controlling inventory of about Rs. 570 crores blocked in several lakhs of items of stores and spares held at various Central and Regional Stores scattered all over the country.

Data communication is already tested between Calcutta and Delhi, Dhanbad and Ranchi and in various stages of implementation. By 1990-91 all the subsidiary headquarters and Delhi will be linked with CIL, Calcutta through computer communication.

To cope-up with the above mentioned plan, a large number of computers were installed and training programmes were organised. Total number of computers installed so far is 321. There is a plan to install 152 computers in the year 1990-91. During the year 1989-90, 116 computers were installed and 1328 persons were trained.

## **18. Geological Exploration & Drilling**

During the year 1989-90, main thrust was given as in the past for detailed coal exploration to meet the increased demand of coal in future and for providing comprehensive geological data for mine planning and design, colliery development, Hydrogeological investigations and Geo-Engineering studies etc. Exploration activities were mainly directed towards proving of coking coal resources in the Jharia, Shohagpur, Pench-Kanhan Valley and East and West Bokaro Coalfields and quarriable coal resources suitable for power generation in the Rajmahal, North Karanpura, Singrauli, Korba Ib and Talcher Coalfields. For detailed coal exploration, an average of 152 Nos. of drills per month were engaged and a total of 357083 mtrs. of Drilling was carried out in about 105 blocks spread over 26 coalfields in the States of West Bengal, Bihar, Orissa, Madhya Pradesh, Maharashtra, Assam and Meghalaya. The above task was carried out by CMPDIL in association with MECL, State Govt. and Private Agencies.

During 1989-90, drilling carried out by CMPDIL own drills for coal exploration was 148904 mtrs.

During the year 1989-90, 44 Nos. of Geological Reports were prepared through CMPDIL, based on which 4959 million tonnes of coal reserves were estimated of which 3213 million tonnes were under proved category, out of which 1902 million tonnes were quarriable.

## 19. Research and Development

CMPDIL, a subsidiary of Coal India Limited has been entrusted with the function of co-ordination and monitoring of research and development activities in the Coal Sector funded through Science and Technology grant of Department of Coal.

The Exploration laboratory of CMPDIL in collaboration with Bhaba Atomic Research Centre (BARC), Bombay has taken up a joint project under the S & T Scheme for determination of Ash Percentage of Coal by Nuclear Techniques using 'Coal Ash Monitor' fabricated by BARC on gamma ray transmission method.

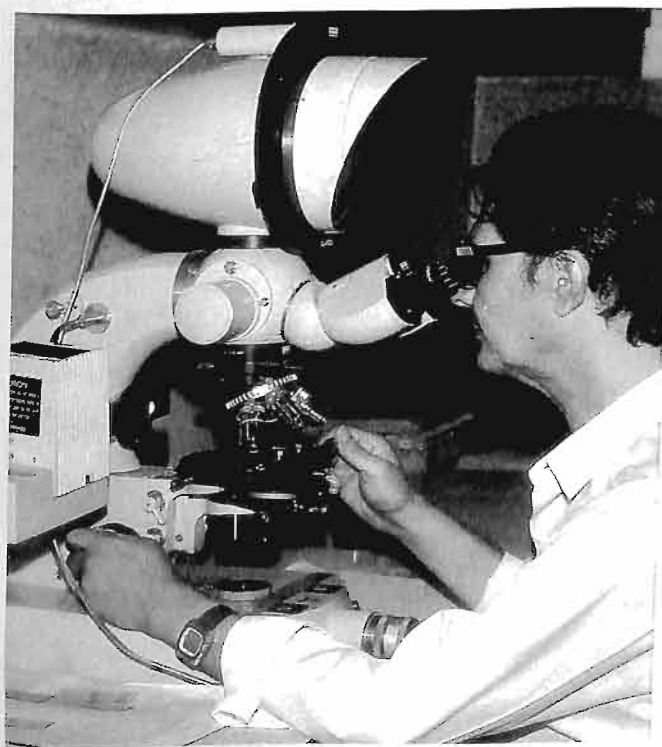
The Petrological laboratory of CMPDIL is working on a 'Round Robin' exercise in consultation with other institutions like ISM, CFRI, SAIL (R & D), BHU, GSI and BSIP, Lucknow for standardisation of norms for petrological studies on coal.

A paper on "Petrology of Some permeable coals of India" was presented to the 28th International Geological Congress held in July 1989 in Washington, USA by the Exploration Division of CMPDIL.

CMPDIL is also involved in planning, programming, budgeting and overseeing the implementation of Research Projects in Coal Sector.

The Govt. of India & UNDP sponsored project "Mathematical Modelling of Water system under different mining conditions as institution building" continued in Rajmahal area of ECL and Chanda-Wardha Coalfield in WCL. Status Report on this project was submitted by CMPDIL to the Tripartite Review Committee meeting on UNDP project.

Airborne Multi Spectral Scanner Survey for detection in Jharia Coalfield was undertaken in collaboration with NRSA Hyderabad under R & D programme.





## 20. Environmental Engineering

During the year 1989-90, continued thrust was given for strengthening environmental data base CMPDIL formulated Environment Management Plan for 57 mining projects and 4 non-mining projects.

Indo- US Workshop was held on Conceptual Environmental Management Plan for Jharia Coalfield at Ranchi on 15-18th January, 1990.

During the year, a detailed topographical and hydrological survey connected with Wardha Valley Embankment Protection Scheme (WCL) was organised through CMPDIL and completed.

A proposal under Indo-French collaboration on 'cause-effect' relationship between Mining and water (ground and surface) Quality and Quantity for optimal water management in Damodar Valley."

## 21. Foreign Collaboration

CIL has collaboration arrangements with USSR, France, FRG, UK, Poland, Canada, Australia and GDR for selective import of technology consistent with the local requirement for improving production, productivity, safety and high rates of coal recovery. To achieve the objective of importing high technology, bilateral meetings at Government level were held with the collaborating countries of FRG, France, UK, USSR, GDR and Australia. Specific areas for bilateral co-operation are identified by the Joint Working Groups.

The co-operation includes assistance on specific projects from the initial stage of planning, project implementation and completion.

Major areas of co-operation are -

- i) Preparation of economically viable detailed project reports for large capacity opencast and underground mines.
- ii) Introduction of new mining methods such as 'Blasting Gallery', 'Sub-level caving', Multi-lift longwall mining, working of seams with powered support longwall equipment in difficult geo-mining conditions, hydraulic mining, shield mining, etc. All these methods facilitate coal mining without sand stowing.
- iii) Introduction of new technologies in opencast projects like
  - a) Inpit crushing plant with mobile crusher
  - b) Application of bucket wheel excavator
- iv) Assistance in shaft sinking, fast incline drive, etc.
- v) Electronification packages for integrated mine management system for underground and opencast mines for monitoring mine environments transport system, equipment condition information system.
- vi) Development of Training Skills

While considering equipment imports for such bilateral projects, the availability of foreign assistance for purchase of equipment and other technical services are always given weightage.

## 22. World Bank Assistance

Foreign assistance through IBRD has been made available in respect of :

- i) Dudhichua Coal Project of NCL
- ii) Jharia Coking Coal Project, Block-II OCP of BCCL
- iii) Coal mining and coal quality improvement projects comprising of :
  - (a) Gevra Expansion OCP (SECL) and (b) Sonapur Bazari OCP (ECL).

Activities of Dudhichua Coal Project and Gevra Expansion OCP progressing satisfactorily and expected to achieve their targetted capacity ahead of the schedule by one year.

### 23. Safety

For improving the performance on the 'Safety' front during the year 1989-90, emphasis was put upon correct implementation of the recommendations made by various Safety Conferences, Standing Committee on Safety in coal mines and consultative committee etc. In order to facilitate the timely implementation and to monitor the progress thereof, Safety Action Plan of the Subsidiary Companies were drawn with the aim to achieve the implementation of the above mentioned recommendations covering each important aspect of mine safety.

#### i) Use of improved technology

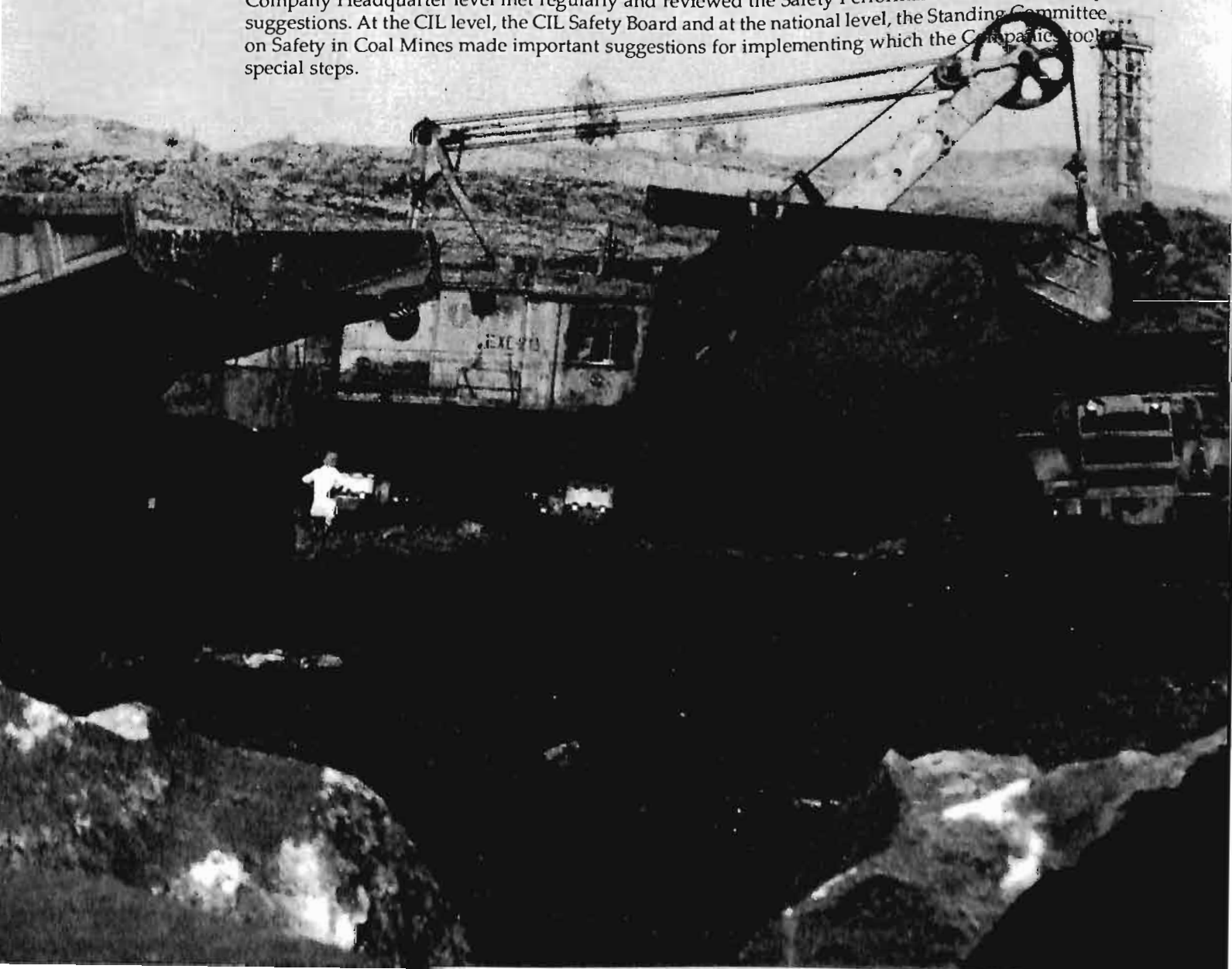
- (a) Roof Bolting - A wider use of roof bolting techniques as a system of regular support, specially in the development galleries was made for which a number of roof drilling equipment were procured and put to use. Roof bolts using quick setting cement capsules and resin capsules were used increasingly. The advantages gained by the system include the employment of face workers below supported roof and a marked improvement in the face ventilation as well as free movement of the face machinery like mechanical loaders.
- (b) Use of Mechanical Loaders - In order to reduce the number of workers exposed to the hazards at the working faces, increased use of mechanical loading by Side Discharge Loaders (SDL) and Load Haul Dumpers (LHD) was made in the Companies.
- (c) Suppression of Airborne Dust - To reduce the exposure of the miners to the injurious effect of the air borne respirable dust on the working places in the mines, dust surveys were conducted using the Gavimetic Dust Samplers. Corrective actions, wherever needed, were taken for reducing the incidents of excessive dust.
- (d) The importance of communication using the Modern Methods was established firmly by the incident of Mahavir Colliery in ECL where the morale of trapped miners was kept high by establishing speech communication with the Surface Office. Throughout the incident, a drive was taken to establish communication system from working districts below ground to the Surface Mine Offices.
- (e) Special attention was given to the preventive maintenance of the Heavy Earth Moving Machinery (HEMM), for this the aid of computers was freely made. This is expected not only to increase the productivity but also will certainly ensure the safe operation of the HEMM.

*Shri R.C. Jain, Secretary, Department of Coal, in a Review Meeting prior to signing of MOU with CIL.*



ii) **Workers' Participation in the Safety Management :**

- (a) In order to make this a reality, the Pit level Safety Committees were accorded prime importance — Senior Officers like Agent and GM attend these meetings frequently in order to exchange the views on the minewise safety states in each company with the workers' representatives at the grass root level. Special meetings of the Pit Safety Committees were arranged immediately after the incidence of mine accidents. The enquiry into the mine accidents was conducted by a committee on which the members of Pit Safety Committee were also represented.
- (b) Workmen Inspectors were actively involved in the Safety Management in each mine during the year. They made independent inspections and contributed to a large extent for bringing about the improvement in the Safety Standards of the mines.
- (c) The Bi-partite Safety Committees at area headquarters level and Tripartite Safety Committees at Company Headquarter level met regularly and reviewed the Safety Performance and made timely suggestions. At the CIL level, the CIL Safety Board and at the national level, the Standing Committee on Safety in Coal Mines made important suggestions for implementing which the Companies took special steps.





### Thrust on training for improving Safety

Realising that the presence of a trained worker at a work-site contribute to improve safety, the programme for imparting safety-oriented training was chalked out with the help of such outside agencies as NCSM. Among other activities in this regard, a special mention may be made about the organisation of training camps for 'on-the-job' training of support personnel which were arranged for groups of collieries, in turn, throughout the Subsidiary Companies.

Training courses were arranged for skill upliftment for the Supervisory Staff and for the persons engaged on shot-firing. In order to reduce the chances of accident of HEMM all new operators were imparted a compulsory training before allowing them on the job.

The Companywise position of fatal accidents and fatalities and number of seriously injured persons during 1988-89 and 1989-90 is tabulated below :

Company	No. of Fatal Accidents		No. of fatalities		No. of seriously injured persons	
	1989-90	1988-89	1989-90	1988-89	1989-90	1988-89
ECL	30	33	37	40	124	91
BCCL	42	39	51	41	124	85
CCL	14	17	16	18	38	32
NCL	4	5	5	5	7	7
WCL	16	18	20	19	190	192
SECL	24	16	27	19	84	107
NEC	4	—	4	—	2	1
Total	134	128	160	142	569	515

### 24. Mine Rescue Services :

In order to provide needed thrust to Rescue Services, a separate Rescue Services Organisation (RSO) was created during the year at CIL and in each producing Subsidiary Company (except NCL which operates only Opencast Mines).

Important areas in Rescue Organisation i.e. construction and improvement of existing rescue stations and provision of necessary equipments and staffing rescue stations were also given necessary thrust during the year.

Construction of 3 Rescue Station Buildings at Ramgarh, Manendragarh and Nagpur was started during the year. In addition to this, construction of 18 Nos. Rescue rooms with Refresher Training Facilities (RRRT) and 8 Rescue Rooms were completed and rest are expected to be completed during 1990-91. New Rescue Stations have been provided with modern training galleries.

With officials of erstwhile Central Coal Mine Rescue Station Committee as nucleus, a programme was drawn up for inducting suitable persons in Rescue Services and imparting them necessary training. As a result, a substantial number of executives and field volunteers have been trained in rescue recovery work. For providing incentive to employees who join rescue services, Rescue Station Allowance was introduced and Refresher Practice Allowance was enhanced.

In order to provide minimum number of required self-contained breathing apparatus at Rescue Stations, action was taken to rehabilitate some apparatus and keeping other available apparatus in constantly useable condition.

Selection of main rescue equipment to meet the present and future needs of rescue services was done by the Committee on rescue equipment constituted by Deptt. of Coal. In order to meet emergent requirement of equipment till 1990-91, 54 Nos. of self-contained breathing apparatus (SCBA) have already been made available and some new apparatus have been ordered for. As a result of actions taken during the year, about 200 Nos. of SCBA are expected to be made available to rescue stations at Ramgarh, Manendragarh and Nagpur during 1990-91.

Staffing pattern of rescue stations for their effective operation has been drawn up and is expected to be implemented shortly after approval of CIL Board.

All Director's offices (executive and non-executive) of erstwhile CCMRSC have been suitably fixed in CIL's scale of pay during the year.

Action for procurement of large dia. boring machine and accessories for evacuation of trapped miners has been initiated. Specifications for drilling equipment for rescue of trapped miners from the surface have already been drawn and NIT is under process of issue.

### Commendable rescue of 65 trapped miners at Mahavir Colliery (ECL)

On 12th November '89, 71 underground workers were trapped inside the Mahavir Colliery of Eastern Coalfields Limited due to inrush of water for upper abandoned seam workings. In order to take out these workers, a multipronged action was put in operation of which the first to succeed was drilling a large dia. bore hole through which 65 trapped miners were rescued successfully within 72 hours of the incident of inundation. Such a large scale successful rescue operation is unprecedented in the history of Indian Coal Industry and also a landmark in the history of Coal Mining. President of India has commended the rescue operation of CIL and its team made at Mahavir Colliery.

## 25. Human Resources Development and Training

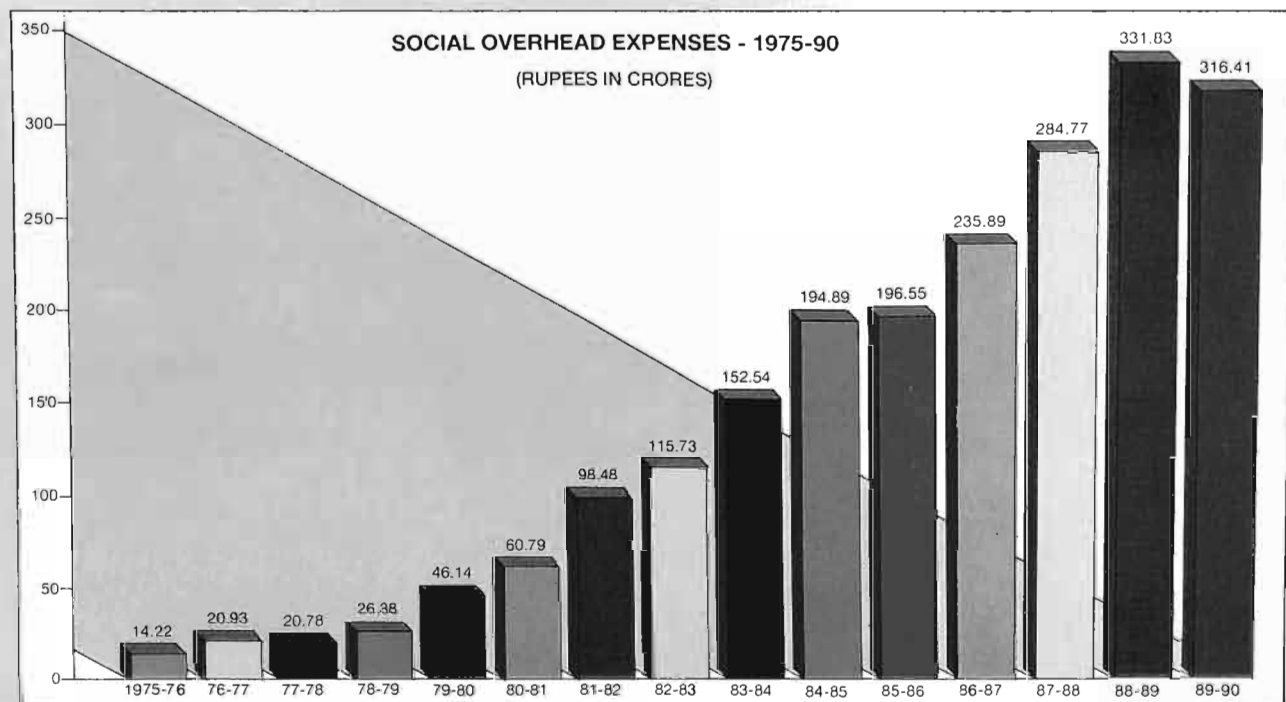
Coal India Ltd. has launched a special drive to improve Organisational health through education and training for employees in the areas, such as Stress Relief, Quality of living, commitment to work, Mentor Protege and Quality Circle programme, have been adopted to institutionalise the system in the companies. Efforts have been made to implement the same during the year 1989-90. The benefits on the special efforts are as follows :

### Quality Circles

Training on Quality Circle and implementation through 27 circles have been achieved in 1989-90. More circles are being formed.

### Stress Relief

Series of Stress Relief programme have been organised and around 440 persons have been trained in the year 1989-90. Major benefits arising out of such efforts have reduced stress amongst employees at all level and helped combat psychosomatic diseases and create healthy attitude towards work and environment.



### Mentor Protege

Concept of Mentor Protege has been adopted in Coal India after successful implementation in North Eastern Coalfields Limited. The programme is being launched in BCCL and ECL. This is based on "GURU-SHISHYA" relationship and helps sharing experience of Seniors with Juniors.

The details of training and development activities during the year 1989-90 and 1988-89 are indicated below :

Category	No. of Persons trained	
	1989-90	1988-89
Executives	11615	10605
Supervisors	6505	7884
Workers/Miners	123057	113322
Trainees	1893	1522
Total	143070	133333
IN-COMPANY TRAINING		
Executives	9125	8489
Supervisors	6123	7622
Workers/Miners	122398	112748
Total	137646	128859
EXTERNAL (WITHIN INDIA)		
Executives	2490	2116
Supervisors	382	262
Workers/Miners	659	574
Total	3531	2952
EXTERNAL (ABROAD)		
Executives	102	111
Non-Executives	16	10
Total	118	121

### 26. Manpower

Total manpower of your company and its subsidiaries was reduced by 2735 from 6,70,440 as on 31-3-1989 to 6,67,705 as on 31-3-1990. Companywise manpower is as given below :

Company	As on	Executives	Supervisory/ Clerical	Skilled/ Semi- skilled/un- skilled	Non-cate- gorised (others)	Total
ECL	31-3-89	3251	20508	159127	1216	184102
	31-3-90	3329	20149	152580	2646	178704
BCCL	31-3-89	3590	17185	147912	708	169395
	31-3-90	3687	17780	143093	2355	166915

Company	As on	Executives	Supervisory/ Clerical	Skilled/ Semi-ski- lled/un- skilled	Non-cate- gorised (others)	Total
CCL	31-3-89	3002	11798	87621	173	102594
	31-3-90	3049	11861	84824	858	100592
WCL	31-3-89	1879	8142	70841	—	80862
	31-3-90	1980	8514	69625	2790	82909
SECL	31-3-89	2733	12127	94241	—	109101
	31-3-90	2907	12448	93148	4354	112857
NCL	31-3-89	928	2160	9957	4	13049
	31-3-90	1014	2258	10657	4	13933
NEC	31-3-89	112	578	4676	—	5366
	31-3-90	118	585	4645	—	5348
CMPDIL	31-3-89	1141	910	2058	—	4109
	31-3-90	1219	919	2099	2	4239
CIL (Hqrs) & DCC	31-3-89	405	932	532	3	1862
	31-3-90	487	1027	683	11	2208
CIL as a whole	31-3-89	17041	74340	576955	2104	670440
	31-3-90	17790	75541	561354	13020	667705

Casuals, Badlies and Company Trainees included.

## 27. Industrial Relations

During the year under review, industrial relations remained cordial. Pursuant to the National Coal Wage Agreement - IV dated 27th July, 1989 Standardisation Committee of JBCCI - IV was constituted and it is meeting regularly every month to sort out the issues referred to and since Aug '89 ten meetings were conducted. Subsidiarywise number of strikes, law and order disturbances, mandays lost and loss of coal production are indicated below :

	No. of Strikes		Law & order disturbances No. of incidents		Mandays lost (Lakhs)		Coal Production Loss (Lakh tonnes)	
	1989-90	1988-89	1989-90	1988-89	1989-90	1988-89	1989-90	1988-89
ECL	15	13	50	72	0.130	0.237	0.360	0.237
BCCL	11	11	20	27	0.736	0.196	1.308	0.359
CCL	7	7	81	59	0.015	0.963	0.041	0.260
WCL	15	10	48	47	0.434	0.396	0.671	1.141
SECL	12	24	101	76	0.195	0.297	1.603	0.164
NCL	1	1	8	20	0.001	0.440	0.002	—
NEC	—	—	—	—	—	—	—	—
CMPDIL	—	—	—	—	—	—	—	—
CIL & DCC	—	—	2	—	—	—	—	—
	<u>61</u>	<u>66</u>	<u>310</u>	<u>301</u>	<u>1.511</u>	<u>2.529</u>	<u>3.985</u>	<u>2.161</u>

- (1) There was no much effect of Bharat Bandh on 30.8.89 in the Coal production of Subsidiary Companies except ECL and NEC. The Mandays loss and production loss due to Bharat Bandh on 30.8.89 of the following companies which was not included in the Statement as detailed below :

<u>Company</u>	<u>Mandays loss</u>	<u>Production loss</u>
ECL	0.769 lakh	0.064 lakh tonnes
NEC	0.005 lakh	0.002 lakh tonnes
CIL (Hqrs) & DCC	0.005 lakh	—

- (2) There was no General Strike during the year 1989-90 affecting the Coal Industry as a whole.

## 28. Environmental Management and Social Amenities

Sustained efforts were being continued during the year to provide more welfare and social amenities by constructing more hospital buildings, water supply arrangements and also providing more medical and educational facilities, the position of which is indicated in the table given below :



*From Housing to Afforestation, Hospitals to Schools, Cultural activities to Sports, CIL provides all the amenities for the coal family.*





Amenities	Units	1989-90	1988-89
1. Houses	Additional Construction	12601	9185
2. Water Supply	Additional population covered	73059	62570
3. School/College	Actual number	1048	1020
4. Co-operative Credit Societies	Actual number	187	168
5. Co-operative Stores	Actual number	169	174
6. Banks and Bank Counters	Actual number	207	205
7. Ambulances	Actual number	568	562
8. Hospitals	Actual number	77	77
9. Hospital Beds	Actual number	4776	4688
10. Creches	Actual number	126	217
11. Canteens	Actual number	381	388

During the year under review, a housing complex at Ultadanga, Calcutta was completed and allotted to the Executives/employees of CIL. As in the previous years thrust has been bestowed on more welfare amenities and games through Coal India Welfare Board and Sports Control Board of CIL.

*A Stress-relief session in progress at a Value-orientation programme for executives.*



## 29. Progressive use of Hindi

As per the official language policy of Government of India, effective steps were taken to step up the pace for use of Hindi in official work. Hindi teaching is being given prime importance. All the letters which are received in Hindi are replied in Hindi only and it is widely used in other notings in some of the departments. All the departmental examination question papers have an option for Hindi too. A compilation of often used words in the Coal Industry has been transformed in a book form English to Hindi. All publications of CIL and its Subsidiaries, is having a section in Hindi apart from publication of 'Khanan Bharati' magazine by WCL.

'Indira Gandhi Rajbhasha Shield' was awarded to CIL on 23rd March, 1990 by Vice President of India for the wide use of Hindi in Coal India.

Official language Department of Govt. of India nominated Dr. M. P. Naryanan, Chairman, Coal India Limited as the Chairman of Calcutta Town Official Language Implementation Committee to encourage other Public Sector Undertakings at Calcutta for implementation of Hindi in their offices.

## 30. Dankuni Coal Complex

The plant is completed and the Expert from CTEUK is expected to carry out the pre-commissioning checks of TDP and thereafter the commissioning activities of the plant will be taken up.

### Gas supply agreement with GCGSC

Supply of gas to Greater Calcutta Gas Supply Corporation from Dankuni at a price of Rs. 8.50 per therm for three years had totally upset the viability of the project due to increase of coal price effective from 1.1.89 and escalation of other input costs. Hence, CIL initiated negotiation for increase in earlier agreed gas price per therm with West Bengal Govt. and finally it was agreed that :

- i) The price of Gas Rs. 8.50 per therm inclusive of Sales Tax would remain firm for one year promotional period from the date of supply gas.

*Honourable Vice President of India, Shri Shanker Dayal Sharma releasing a Hindi book on the Growth of Coal. CIL has a creditable record in the propagation of Hindi.*





- ii) The price of Gas to be paid on expiry of one year promotional period would be reviewed by CIL, M/s GCGSC, Govt. of West Bengal and Govt. of India, after six months of commencement of Gas supply taking into consideration of many factors, particularly the linkage with LPG price.

Memorandum of understanding incorporating the above was signed on 21.5.90 by Greater Calcutta Gas Supply Corporation and Dankuni Coal Complex.

#### **Off-take Schedule of Dankuni Gas**

Though the present potentiality of the plant is to produce 8 m.cu.ft. of gas per day to be augmented by 4 m.cu.ft. per day in every alternate month for reaching full capacity of 20 m.cu.ft. per day level by six months time, GCGSC potentiality of off-take was limited to only 1.5 m.cu.ft. gas per day and thereafter it will be increased by 1.5 m.cu.ft. by every month progressively to reach the level of 10 m.cu.ft. per day in one year time. This is as stated by M/s GCGSC because of inadequate Gas consumers in and around Calcutta.

### **31. Energy Conservation**

Realising the importance of Energy conservation in today's context, the work of energy conservation in an organised manner on total system approach basis was taken up in 1987-88. First Annual Action Plan was launched in 1987-88 and projected target successfully achieved.

Annual Action Plans as a part of long-term plans are being drawn year after year with successful implementation and achievement. First Annual Action Plan of 1987-88 resulted in a saving of 2.5% over previous year in specific energy consumption (KWH per tonne). Second Action Plan of 1988-89 resulted in a saving of 4.3% over 1987-88 against a target of 2.6%.

Besides Energy Conservation in production and despatches of Coal, CIL's efforts in the sphere of energy conservation are also directed towards

- Conservation of Coal at source and in exploitation
- Energy conservation in transportation
- Efficient utilisation of Coal at consumer end.

The efforts on the above are on long-term and continuing basis and are showing results though they cannot be quantified on yearly basis.

#### **Highlights of Achievements in 1989-90**

- i) An overall saving of 2.3% in specific Energy Conservation per tonne of Coal.
- ii) An overall saving of about 6% in specific Energy Conservation per tonne of Coal with respect of 1987-88 as against the target of 5% saving laid down by committee of secretaries, Govt. of India for 1989-90 with respect to 1987-88 for all industries. Achievement of this saving in Coal Mining Industry is of greater significance as normally the specific energy consumption in mining increases year by year due to increase of lead and lift.
- iii) Implementation of Energy Audit work done in mines of subsidiary companies.
- iv) Training of 222 employees in Energy Conservation techniques.
- v) Completion of 58 Energy Audits.
- vi) Co-sponsoring and participation in Energy Conservation seminar at Dhanbad organised by Institution of Engineers (India) and Mining Geological & Metallurgical Institution of India.
- vii) Participation in various Energy Conservation Seminars, award presentation etc. related to conservation in utilisation of Coal and its conversion to usable form of Energy.



### 32. Board of Directors

During the year under review, Dr. M. P. Narayanan continued as Chairman and Shri B. Swaminathan as Director (Finance).

Since the last Annual General Meeting, the whole-time Director S/S A. V. Brahma, Director (P & IR) and K. A. Sinha, Director (Technical) retired on superannuation and Shri U. K. Choubey was appointed on 22-5-1990 as Director (P & IR).

S/S R. S. Sane and V. Krishnan, Part-time Official Directors retired from the Board and Shri K. Kosalram was appointed as Director on the Board.

During the year 1989-90, six meetings of the Board of Directors were held.

In terms of Article 33 (d) (iii) of the Articles of Association of the Company, all the Directors excepting Chairman and whole-time Directors shall retire at this meeting and they are eligible for reappointment.

### 33. Accounts of the Subsidiaries

The copies of Accounts of the Subsidiaries for the year 1989-90 are attached in Vol - II of the Annual Report and Accounts of your Company in compliance with requirement of Sec 212 of the Companies Act, 1956.

#### Acknowledgement

Your Directors sincerely appreciate the contribution made by the employees at all levels of your Company and its Subsidiaries and are confident that the employees would continue to strive hard to improve performance in the years to come. Your Directors also wish to place on record their sincere thanks for the support and guidance received from the various departments of the Central Government particularly from the Department of Coal, as also the concerned State Governments. The Directors also acknowledge with thanks the assistance and guidance rendered by Statutory Auditors, Tax Auditors, the Comptroller and Auditor General of India, members of Company Law Board, Registrar of Companies, West Bengal.

#### Addenda

The following are annexed :

- i) The comments and review of the Comptroller and Auditor General of India,
- ii) Replies on observation made by the Statutory Auditors on the Accounts for the year ended 31.3.1990,
- iii) Statement pursuant to Sec. 212(i) (e) of the Companies Act, 1956 and
- iv) The names and other particulars of the employees of the Company who are in receipt of remuneration not less than Rs. 6,000/- per month stated in Annexure in compliance with the provisions of Sec. 217(2A) of the Companies Act, 1956 read with the Companies (Particulars of Employees) Rules, 1975.

Dated : 20th September, 1990  
Calcutta.

For and on behalf of the  
Board of Directors

Dr. M.P. NARAYANAN  
Chairman



# BALANCE SHEET AS AT 31ST MARCH, 1990

(Rupees in lakhs)

	Schedule		Current year	Previous year
<b>SOURCES OF FUND</b>				
<b>Shareholders Fund</b>				
Share Capital	A		522182.14	476255.27
Amount and/or consideration received against equity pending allotment	B		204.26	160.62
Reserve & Surplus :	C		344.77	344.77
<b>Loan Fund</b>				
Secured	D	41716.86		21673.28
Unsecured	E	466647.47	508364.33	392469.37
Total Funds Employed			<u>1031095.50</u>	<u>890903.31</u>
<b>APPLICATION OF FUNDS</b>				
<b>Fixed Assets</b>				
A. Fixed Assets	F			
Gross Block		8205.08		6406.52
Less : Depreciation		<u>2762.51</u>	5442.57	<u>2274.00</u>
B. Capital work-in-progress			9397.05	9373.83
C. Expenditure during construction period			3186.85	3268.53
Investment	G		484416.70	402458.08
<b>Current Assets, Loans &amp; Advances</b>				
Inventories	H	3995.66		3881.68
Sundry Debtors	I	415.15		403.89
Cash & Bank Balance	J	1631.78		758.50
Loans & Advances	K	528312.67		471529.18
		<u>534355.26</u>		<u>476573.25</u>
Less : Current liabilities & Provision	L	18983.40		16046.80
Net Current Assets			515371.86	460526.45
A. Miscellaneous Expenditure (to the extent not written off or adjusted)	M	2501.78		330.62
B. Profit & Loss Account		<u>10778.69</u>	<u>13280.47</u>	<u>10813.28</u>
			<u>1031095.50</u>	<u>890903.31</u>
<b>Accounting Policy and Notes to the Accounts are forming part of the Accounts.</b>				
	N			

U. SURYANARAYANA  
Company Secretary

S. V. R. RAO  
General Manager  
(Finance)

B. SWAMINATHAN  
Director  
(Finance)

M. P. NARAYANAN  
Chairman

Calcutta  
Dated 12th Sept. 1990

As per our separate report of even date  
For M/s. Gupta & Mitra  
Chartered Accountants  
S. S. DHAR  
Partner



## PROFIT & LOSS ACCOUNT FOR THE YEAR ENDED 31ST MARCH, 1990

(Rupees in lakhs)

Income :	Schedule	Current year	Previous year
Sale of Coal, Coke etc.	1	11164.54	11039.03
Coal issued for other purposes per contra	2	129.24	129.60
Other Receipts	3	2062.31	1461.96
Accretion in Stock	4	-	1237.63
		<u>13356.09</u>	<u>13868.22</u>
<b>Expenditure :</b>			
Decretion in Stock	4	99.00	-
Purchase of Coal, Coke etc.	5	5892.18	6413.51
Employees Remuneration & Benefits	6	2519.44	2153.83
Consumption of Stores & Spare Parts	7	301.18	262.75
Power & Fuel	8	241.41	180.18
Repairs	9	122.30	63.74
Contractual Expenses	10	1601.28	1890.37
Social Overhead	11	601.78	426.25
Depreciation		391.91	304.61
Interest	12	1262.98	448.18
Provision	13	20.91	24.75
Contribution to Coal Price Regulation Account		37.82	622.48
Coal issued for other purposes per contra	14	-	-
Other Expenditure	15	<u>1669.67</u>	<u>1092.83</u>
		<u>14761.86</u>	<u>13883.48</u>
Less : Excess of Expenditure over Income of DCC for the year deferred for future amortisation.		(-)1400.00	-
		<u>13361.86</u>	<u>13883.48</u>
Profit/Loss (-) for the year		(-) 5.77	(-) 15.26
Prior Period Adjustment	16	122.04 Cr.	57.92 Dr.
Less : Excess of Income over Expenditure of DCC relating to Prior Period transferred to Expenditure during Construction Period		81.68 Cr.	57.92 Dr.
		<u>40.36 Cr.</u>	<u>57.92 Dr.</u>
Profit/Loss (-) for the year (after Prior Period Adjustment)		34.59	(-) 73.18
Balance of loss carried forward from previous year		(-) 10813.28	(-) 10740.10
Balance of loss transferred to Balance Sheet		(-) 10778.69	(-) 10813.28

U. SURYANARAYANA  
Company Secretary

S. V. R. RAO  
General Manager  
(Finance)

B. SWAMINATHAN  
Director  
(Finance)

M. P. NARAYANAN  
Chairman

Calcutta  
Dated 12th Sept. 1990

As per our separate report of even date  
For M/s. Gupta & Mitra  
Chartered Accountants  
S. S. DHAR  
Partner



## SCHEDULE TO BALANCE SHEET AS AT 31ST MARCH, 1990

### Schedule - A

(Rupees in lakhs)

#### Share Capital

##### Authorised Capital

6,00,00,000 Equity Shares of  
Rs. 1000/- each (previous year  
6,00,00,000 Equity Shares of  
Rs. 1000/- each)

Current year

Previous year

6,00,000.00

6,00,000.00

##### Issued, Subscribed & Paid up

4,96,48,875 Equity Shares of  
Rs. 1000/- each fully paid in  
cash (previous year 4,50,56,188  
Equity Shares of Rs. 1000/- each)

4,96,488.75

4,50,561.88

25,69,339 Equity Shares of Rs. 1000/-  
each allotted as fully paid up for  
consideration received other than  
cash (previous year 25,69,339 Equity  
Shares of Rs. 1000/- each)

25,693.39

25,693.39

5,22,182.14

4,76,255.27

### Schedule - B

Current Year

Previous Year

Amount and/or consideration  
received against Equity  
pending allotment

Fund received from Government of India  
for land compensation

204.26

160.62

204.26

160.62

### Schedule - C

#### Reserve & Surplus :

Investment Allowance

344.77

344.77

344.77

344.77



## SCHEDULE TO BALANCE SHEET AS AT 31ST MARCH, 1990

( Rupees in lakhs )

### Schedule – D

#### Secured Loans

Cash Credit from Scheduled Banks  
(Secured by Hypothecation of  
Stock of Stores & Spare Parts,  
Stock of Coal & Coke, Book Debts  
& Other Assets).

State Bank of India  
Punjab National Bank  
United Bank of India  
Canara Bank

20140.22  
2966.42  
1403.55  
0.24

24510.43

11596.29  
76.99  
—  
—

11673.28

Term loan from ONGC  
(Secured against Guarantee given  
by Government of India and also  
by second charge on stock of  
Stores & Spare Parts, Stock of  
Coal & Coke, Book Debts & Other Assets)

10,000.00

10,000.00

Term loan from Punjab National Bank  
(Secured against Fixed Deposit)

7000.00

—

Interest accrued and due

206.43

—

41716.86

21673.28

### Schedule - E

#### Unsecured Loans

Long Term loan from  
Government of India

374459.58

331960.45

Short Term Loan from  
Neyveli Lignite Corporation Ltd.

2500.00

—

13% Non-Convertible Secured Bonds

5000.00

—

9% Non-Convertible (Tax free) Secured Bonds.

15000.00

20000.00

—

—

(Both to be Secured by equitable  
mortgage/hypothecation of  
Fixed Assets of Northern  
Coalfields Limited)

Public Deposits

1098.12

—

Interest accrued and due on Govt. Loan

68589.77

60508.92

466647.47

392469.37



# SCHEDULE TO BALANCE SHEET AS AT 31ST MARCH, 1990

(Rupees in lakhs)

## Schedule – F

### FIXED ASSETS

	COST				DEPRECIATION				NET BLOCK TOTAL	
	As on 1.4.89	Add during the year	Adj./Sales/ Trn during the year	Total 31.3.90	As on 1.4.89	Add during the year	Adj./Sales/ Trn during the year	Total 31.3.90	As on 31.3.90	As on 31.3.89
Land (a) Free hold	178.80	26.33		205.13					205.13	178.80
(b) Leasehold	8.25	–	–	8.25	0.50	0.09	–	0.59	7.66	7.75
Building - Freehold	1095.86	698.66	15.69	1810.21	168.86	28.09	2.73	199.68	1610.53	927.00
Plant & Machinery	3143.26	371.73	5.93	3520.92	1597.82	335.81	(–) 2.92	1930.71	1590.21	1545.44
Furniture Fittings/ Office Equipment	204.11	67.78	(–) 21.70	250.19	55.14	10.31	(–) 0.28	65.17	185.02	148.97
Railway Siding	72.97	295.33	–	368.30	14.53	5.03	–	19.56	348.74	58.44
Vehicles	153.89	28.96	(–) 0.77	182.08	46.83	14.08	–	60.91	121.17	107.06
Aircraft	102.44	13.20	–	115.64	53.76	16.51	–	70.27	45.37	48.68
Telecommunication	15.06	3.65	–	18.71	1.65	0.89	–	2.54	16.17	13.41
Development	1208.87	208.54	19.08	1436.49	311.86	65.34	0.28	377.48	1059.01	897.01
Prospecting & Boring	223.01	66.15	–	289.16	23.05	12.55	–	35.60	253.56	199.96
<b>TOTAL :</b>	<b>6406.52</b>	<b>1780.33</b>	<b>18.23</b>	<b>8205.08</b>	<b>2274.00</b>	<b>488.70</b>	<b>(–) 0.19</b>	<b>2762.51</b>	<b>5442.57</b>	<b>4132.52</b>
Expenditure during Construction Pending allocation	3268.53	–	(–) 81.68	3186.85	–	–	–	–	3186.85	3268.53
Capital work-in- progress	9373.83	768.45	(–) 745.23	9397.05	–	–	–	–	9397.05	9373.83
<b>GRAND TOTAL :</b>	<b>19048.88</b>	<b>2548.78</b>	<b>(–) 808.68</b>	<b>20788.98</b>	<b>2274.00</b>	<b>488.70</b>	<b>(–) 0.19</b>	<b>2762.51</b>	<b>18026.47</b>	<b>16774.88</b>
<b>PREVIOUS YEAR</b>										
Fixed Assets	5523.25	883.31	(–) 0.04	6406.52	1876.67	383.18	14.15	2274.00	4132.52	3646.58
Expenditure during Construction	2387.51	881.01	0.01	3268.53	–	–	–	–	3268.53	2387.52
Capital work- in-progress	6857.52	2559.21	(–) 42.90	9373.83	–	–	–	–	9373.83	6857.52

(Rupees in lakhs)

Allocation of Depreciation	Current Year	Previous Year
Profit & Loss Account	391.91	304.61
OBR	69.21	47.00
Prior Period Adjustment	(–) 0.16	14.18
Social Overhead	22.85	13.47*
Development	4.73	18.10
Adjustment/Sale/Disposal	(–) 0.03	(–) 0.03
<b>Total</b>	<b>488.51</b>	<b>397.33</b>

\* N.B. Net of depreciation transferred to Expenditure during Construction Period in respect of Dankuni Coal Complex.





## SCHEDULE TO BALANCE SHEET AS AT 31ST MARCH, 1990

### Schedule - G

	(Rupees in lakhs)	
	Current year	Previous year
<b>Investment</b>		
90,00,000 fully paid Equity Shares of Rs. 1,000/- each in Eastern Coalfields Ltd. (previous year 64,15,000 Equity Shares of Rs. 1,000/- each)	90,000.00	64,150.00
67,51,107 fully paid Equity Shares of Rs. 1,000/- each in Central Coalfields Ltd. (previous year 67,51,107 Equity Shares of Rs. 1,000/- each)	67,511.07	67,511.07
95,00,000 fully paid Equity Shares of Rs. 1,000/- each in Bharat Coking Coal Ltd. (previous year 81,50,274 Equity Shares of Rs. 1,000/- each)	95,000.00	81,502.74
50,00,000 fully paid Equity Shares of Rs. 1,000/- each in Western Coalfields Ltd. (previous year 38,55,000 Equity Shares of Rs. 1,000/- each)	50,000.00	38,550.00
90,00,000 fully paid Equity Shares of Rs. 1,000/- each in Northern Coalfields Ltd. (previous year 72,56,610 Equity Shares of Rs. 1,000/- each)	90,000.00	72,566.10
90,00,000 fully paid Equity Shares of Rs. 1,000/- each in South Eastern Coalfields Ltd. (previous year 76,27,254 Equity Shares of Rs. 1,000/- each)	90,000.00	76,272.54
1,90,400 fully paid Equity Shares of Rs. 1,000/- each in CMPDIL (previous year 1,90,400 Equity Shares of Rs. 1,000/- each)	1,904.00	1,904.00
16,334 fully paid Equity Shares of Rs. 10/- each in Management and Technology Application (India) Ltd. (previous year 16,334 Equity Shares of Rs. 10/- each)	1.63	1.63
	48,44,16.70	4,02,458.08



## SCHEDULE TO BALANCE SHEET AS AT 31ST MARCH, 1990

### Schedule – H

(Rupees in lakhs)

	Current year		Previous year	
Inventories (As valued and certified by the Management)				
Stock of Stores & Spare Parts (at cost)	698.10		495.85	
Less : Provision of slow-moving/non-moving obsolescence/shortage	18.73		18.73	
	<u>679.37</u>		<u>477.12</u>	
Stores-in-transit (at cost)	<u>—</u>	679.37	<u>1.21</u>	478.33
Stock of Coal, Coke etc. (at net selling price in NEC and at cost in CMO and DCC)	3,192.98		3,283.95	
Coal & Coke-in-transit	78.53		87.21	
Coal & Coke Fines	<u>1.68</u>	3,273.19	<u>10.39</u>	3,381.55
Coal Tar		1.72		—
Stock of Bricks (at cost)		20.06		12.27
Work-in-progress (at cost)				
In Workshop	21.32		9.38	
In Brick Kilns	<u>—</u>	<u>21.32</u>	<u>0.15</u>	<u>9.53</u>
		<u>3,995.66</u>		<u>3,881.68</u>



## SCHEDULE TO BALANCE SHEET AS AT 31ST MARCH, 1990

### Schedule - I

	(Rupees in lakhs)	
	Current year	Previous year
<b>Sundry Debtors (Unsecured) :</b>		
Debts Outstanding for a period exceeding six months	94.70	97.68
Other Debts	<u>372.42</u>	<u>357.79</u>
	467.12	455.47
<b>Less : Provisions for Doubtful Debts</b>	<u>51.97</u>	<u>51.58</u>
	<u>415.15</u>	<u>403.89</u>
<b>Classification :</b>		
Considered good	415.15	403.89
Considered doubtful	51.97	51.58

	Maximum amount due at any time		Closing Balance	
	During Current year	During Previous year	Current year	Previous year
Due by the Companies under the same management with the names of the Companies SECL	-	0.24	-	0.24
Due by the Parties in which the Director(s) of the Companies is/are interested				

### Schedule - J

	(Rupees in lakhs)	
	Current year	Previous year
<b>Cash &amp; Bank Balances :</b>		
Cash, Cheques, Drafts, Stamps etc. in hand	84.76	95.82
Remittance-in-transit	1,272.25	254.65
In Current Account with Scheduled Banks	263.74	403.73
With Post Office Savings Bank Account	0.16	4.30
Balance with Public Deposit Account	10.87	-
	<u>1,631.78</u>	<u>758.50</u>



## SCHEDULE TO BALANCE SHEET AS AT 31ST MARCH, 1990

### Schedule – K

(Rupees in lakhs)

#### Loans & Advances (Unsecured)

(Advance recoverable in cash or for value to be received)

#### Advances to Suppliers

For Capital

227.49

139.30

For Others

214.01

441.50

80.49

219.79

#### Advances to Contractors

For Capital works

5.71

281.26

For Others

19.03

24.74

0.86

282.12

#### Advances to Employees

For House Building

154.78

132.13

For Motor Car & other Conveyance

27.49

25.14

For Others

19.23

201.50

25.83

183.10

#### Deposits

For Custom duty & Port charges

256.76

1,593.40

For Short Term Deposit with Bank

12,500.00

—

For soiled Notes to RBI

—

0.38

For Other Deposits

156.98

12,913.74

160.19

1,753.97

#### Other Advances

110.45

15.60

#### Amount due from the Government of India

For transactions on behalf of Ex-owners of

Non-Coking Coal Mines

484.54

495.53

For transactions on behalf of Ex-Coal Board

12.03

12.67

For interest subsidy on non-plan loan

1,551.62

1,551.62

For Subsidy receivable

90.03

2,138.22

50.74

2,110.56

#### Claims receivable

238.45

174.19

#### Prepaid Expenses

17.50

25.21

#### In Current Account with Subsidiaries of Holding Company

5,12,314.80

4,66,834.88

5,28,400.90

4,71,599.42

#### Less : Provision

88.23

70.24

5,28,312.67

4,71,529.18

#### Classification

Considered good

5,28,312.67

4,71,529.18

Considered doubtful

88.23

70.24



## SCHEDULE TO BALANCE SHEET AS AT 31ST MARCH, 1990

### Schedule – K (contd.)

(Rupees in lakhs)

Amount due from Subsidiary Companies :	Maximum amount due at any time during the year :		Closing Balance	
	Current year	Previous year	Current year	Previous year
Eastern Coalfields Limited	1,39,161.22	1,44,126.92	90,004.17	1,13,745.11
Bharat Coking Coal Limited	1,96,318.60	1,79,151.72	1,56,555.78	1,53,985.24
Central Coalfields Limited	57,580.70	35,530.57	57,554.67	35,530.57
Western Coalfields Limited	52,934.80	44,382.20	52,215.22	44,382.20
Northern Coalfields Limited	93,034.74	74,160.76	93,234.74	70,433.20
South Eastern Coalfields Limited	63,207.69	1,04,322.97	63,207.69	47,211.32
Central Mine Planning & Design Institute Limited	3,288.14	4,350.99	(-) 457.47	1,547.24

- Notes :
- 1) Loans & Advances (unsecured) considered good includes Rs. 122.16 (Previous year Rs. 75.86 lakhs) in respect of which the company holds guarantee from Banks.
  - 2) House Building and cars/scooters advance for Rs. 182.27 (Previous year Rs. 157.27 lakhs) included under Loans & Advances (unsecured) considered good and are secured by equitable mortgages on assets concerned.



## SCHEDULE TO BALANCE SHEET AS AT 31ST MARCH, 1990

### Schedule – L

(Rupees in lakhs)

Current Liabilities & Provisions	Current year	Previous year
Current Liabilities		
Sundry Creditors		
For Capital including Revenue Stores	242.59	183.31
For Coal	<u>604.04</u>	<u>916.31</u>
	846.63	1,099.62
Advance from Customers	970.77	657.01
Deposits	207.84	191.63
Advance Deposit pre-Nationalisation	20.85	30.05
Employees Remuneration & Benefits :		
Salaries, Wages & Allowances	296.19	477.55
Attendance Bonus	1.04	0.81
Ex-gratia	66.54	85.12
Unpaid Salaries, Wages etc.	<u>4.82</u>	<u>1.21</u>
	368.59	564.69
Other Expenses :		
Power & Fuel	18.26	22.26
Contractual Expenses	449.78	551.62
Others	<u>24.23</u>	<u>79.69</u>
	492.27	653.57
Due to Government of India	554.05	554.05
Interest accrued but not due on loans	14,136.43	11,986.20
Assam Land Tax	294.78	-
Sales Tax		
State	10.09	37.85
Central	<u>18.58</u>	<u>15.38</u>
	28.67	53.23
Royalty & Cess on Coal	24.53	9.65
Stowing Excise Duty	-	6.22
Provident Fund	89.94	19.81
Discount on Bonds	487.50	-
Income Tax		
Public Deposit	0.41	-
Employees	30.12	11.30
Contractors	<u>4.83</u>	<u>3.93</u>
	35.36	15.23
Professional Tax	2.63	2.49
Other Liability	<u>422.56</u>	<u>203.35</u>
	<u>18,983.40</u>	<u>16,046.80</u>





## SCHEDULE TO BALANCE SHEET AS AT 31ST MARCH, 1990

### Schedule – M

(Rupees in lakhs)

	Current year		Previous year	
<b>A. Miscellaneous Expenditure</b> (To the extent not written off or adjusted)				
Overburden Removal As per last account		330.62		221.49
Expenditure during the year				
Contractual	1,157.37		1,104.96	
Departmental	<u>684.60</u>	<u>1,841.97</u>	<u>606.04</u>	<u>1,711.00</u>
		2,172.59		1,932.49
<i>Less : Adjustment</i>				
Contractual	878.96		1,005.52	
Departmental	<u>684.60</u>	<u>1,563.56</u>	<u>596.35</u>	<u>1,601.87</u>
		609.03		330.62
Discount on Bond		492.75		—
Excess of expenditure over Income of DCC deferred for future amortisation		<u>1,400.00</u>		<u>—</u>
		<u>2,501.78</u>		<u>330.62</u>
<b>B. Profit &amp; Loss Account :</b>				
Balance of loss transferred from Profit & Loss Account		(-) <u>10,778.69</u>		(-) <u>10,813.28</u>



## SCHEDULE TO PROFIT & LOSS ACCOUNT AS AT 31ST MARCH, 1990

### Schedule – 1

	(Rupees in lakhs)	
	Current year	Previous year
Sales of Coal Coke etc.		
Coal	11,452.33	11,241.32
Coke	187.41	278.16
CIL Coke, Coal Tar etc.	<u>216.87</u>	<u>—</u>
	11,856.61	11,519.48
Less : Statutory levies		
Royalty on Coal	52.27	54.98
Stowing Excise Duty	28.17	29.63
Assam Land Tax	<u>233.84</u>	<u>—</u>
Sales Tax :		
Central	91.43	89.43
State	<u>286.36</u>	<u>306.41</u>
	692.07	480.45
	<u>11,164.54</u>	<u>11,039.03</u>

### Schedule – 2

	(Rupees in lakhs)	
	Current year	Previous year
Coal issued for other purposes per contra		
Boiler Consumption	9.50	14.53
Free issue to Employees	104.64	95.75
Brick Making	<u>15.10</u>	<u>19.32</u>
	<u>129.24</u>	<u>129.60</u>

### Schedule – 3

	(Rupees lakhs)	
	Current year	Previous year
Other Receipts		
Subsidy	138.26	88.13
Apex Office Charges	1,578.57	1,024.63
Service Charges	43.45	12.79
Workshop made finished jobs	—	54.93
Contractual Recoveries	191.60	190.98
Recovery of Transport Charges	<u>58.82</u>	<u>48.49</u>
Interest received :		
Post Office Savings Bank Account	0.12	0.02
Loans & Advances to Employees	<u>2.42</u>	<u>1.14</u>
	2.54	1.16
Profit on Sale of Assets/Stores	0.01	—
Rent (Outsiders)	8.99	5.88
Penalty	2.84	2.31
Sale of Bricks	0.04	2.15
Value of Coal in Missing Wagon	0.41	—
Others	<u>36.78</u>	<u>35.30</u>
	2,062.31	1,466.75
Less : Transferred to Development per Contra	<u>—</u>	<u>4.79</u>
	<u>2,062.31</u>	<u>1,461.96</u>



## SCHEDULE TO PROFIT & LOSS ACCOUNT AS AT 31ST MARCH, 1990

### Schedule - 4

(Rupees in lakhs)

	Current year		Previous year		
Accretion in Stock					
Closing Stock :-					
Coal, Coke etc.		3,192.98		3,283.95	
Coal & Coke in-transit		78.53		87.21	
Bricks		20.06		12.27	
Coal & Coke Fines		1.68		10.39	
Coal Tar		1.72		—	
Work-in-Progress (Bricks)		—		0.15	
		<u>3,294.97</u>		<u>3,393.97</u>	
Less : Transferred to Development		<u>—</u>	3,294.97	<u>42.98</u>	3,350.99
Less : Opening Stock					
Coal & Coke	3,283.95		2,032.87		
Adjustment for Opening Stock for Coal & Coke	<u>—</u>	3,283.95	<u>0.19</u>	2,033.06	
Coal & Coke in-transit		87.21		76.58	
Bricks		12.27		2.59	
Coal & Coke Fines		10.39		—	
Work-in-progress (Bricks)		0.15		1.18	
		<u>3,393.97</u>		<u>2,113.41</u>	
Less : Transferred to Development		<u>—</u>	3,393.97	<u>0.05</u>	<u>2,113.36</u>
			(—) 99.00		<u>1,237.63</u>

### Schedule - 5

(Rupees in lakhs)

Purchase	Current year	Previous year
Coal	4,455.61	5,206.22
Coke	280.63	191.98
Railway Freight	1,088.46	995.63
Octroi and Entry Tax	21.35	19.68
P O L for Plant	5.56	—
Chemicals for Plant	40.57	—
	<u>5,892.18</u>	<u>6,413.51</u>



## SCHEDULE TO PROFIT & LOSS ACCOUNT AS AT 31ST MARCH, 1990

### Schedule – 6

(Rupees in lakhs)

	Current year	Previous year
<b>Employees Remuneration Benefits</b>		
Salary, wages and allowances including O.T., Leave Encashment, Incentive etc.	2,281.95	1,983.33
Contribution to P. F. & Other Funds (including Administrative charges)	204.77	130.12
Attendance Bonus	95.59	68.05
Ex-gratia	66.50	85.47
LTC/LLTC/RRF	67.64	164.02
Pension	1.19	1.50
Gratuity	67.29	38.87
Workmen Compensation	6.06	4.13
Group Insurance	11.16	9.20
D.L.I.	0.62	0.47
Life Cover Scheme	5.10	5.10
	<u>2,807.87</u>	<u>2,490.26</u>
<b>Less : Transferred per Contra</b>		
Social Overhead	74.29	68.81
Development	10.37	140.62
O B R	<u>203.77</u>	<u>336.43</u>
	<u>2,519.44</u>	<u>2,153.83</u>

### Schedule – 7

(Rupees in lakhs)

	Current year	Previous year
<b>Consumption of Stores &amp; Spare Parts</b>		
Explosives	61.67	74.85
Timber	141.24	104.81
POL	85.78	98.03
Spares for HEMM & Other Mining Equipments	221.24	162.44
Social Overhead Stores per contra	16.39	23.30
Power Consumption Stores	3.58	3.10
Other Consumable Stores & Spare Parts	84.74	108.85
	<u>614.64</u>	<u>575.38</u>
<b>Less : Transferred per Contra</b>		
Repair & Maintenance	10.05	4.39
Development	3.05	48.07
O B R	256.57	218.00
Social Overhead	16.39	23.30
Power & Fuel	3.58	3.10
Other Expenditure	<u>23.82</u>	<u>312.63</u>
	<u>301.18</u>	<u>262.75</u>



## SCHEDULE TO PROFIT & LOSS ACCOUNT AS AT 31ST MARCH, 1990

### Schedule – 8

(Rupees in lakhs)

	Current year		Previous year	
<b>Power &amp; Fuel :-</b>				
Purchase of Electricity		294.59		233.75
<b>Power Generation :-</b>				
Boiler consumption per Contra	9.50		14.53	
Consumption of Stores per Contra	<u>3.58</u>	<u>13.08</u>	<u>3.10</u>	<u>17.63</u>
		307.67		251.38
<i>Less : Transferred per contra</i>				
Development	—		32.53	
O B R	27.46		11.50	
Social Overhead	<u>38.80</u>	<u>66.26</u>	<u>27.17</u>	<u>71.20</u>
		<u>241.41</u>		<u>180.18</u>

### Schedule – 9

(Rupees in lakhs)

	Current year		Previous year	
<b>Repairs (Purchased)</b>				
Factory & Office – Buildings		50.27		25.69
Plant & Machinery		50.36		34.95
P O L for Aircraft		10.05		4.39
Office Furniture & Equipment		10.88		3.70
Vehicles		20.98		15.63
Township maintenance		67.18		62.54
Others		<u>0.74</u>		<u>0.07</u>
		210.46		146.97
<i>Less : Transferred per contra :</i>				
Other Expenditure	20.98		15.63	
O B R	—		3.35	
Development	—		1.71	
Social Overhead	<u>67.18</u>	<u>88.16</u>	<u>62.54</u>	<u>83.23</u>
		<u>122.30</u>		<u>63.74</u>

### Schedule – 10

#### Contractual Expenses

Transport Charges				
Coal, Coke etc.	392.37		535.32	
Stores	<u>8.04</u>	400.41	<u>0.16</u>	535.48
		162.92		193.15
Operation Charges				
Overburden Removal :				
Coal	70.56		72.63	
Other	<u>878.96</u>	<u>949.52</u>	<u>1,005.52</u>	<u>1,078.15</u>
Other Contractual work		<u>92.10</u>		<u>90.58</u>
		1,604.95		1,897.36
<i>Less : Transferred to Development</i>		<u>3.67</u>		<u>6.99</u>
		<u>1,601.28</u>		<u>1,890.37</u>



## SCHEDULE TO PROFIT & LOSS ACCOUNT AS AT 31ST MARCH, 1990

### Schedule – 11

(Rupees in lakhs)

Social Overhead	Current year	Previous year
Salary, Wages & Allowances per contra	74.29	68.81
Free issue of coal to employees per contra	104.64	95.75
Medical reimbursement	117.55	69.07
Canteen up-keep and refreshment	8.25	6.36
Grant to Schools and Institutions	50.03	17.84
Training Expenses	3.35	8.30
Repairs & Maintenance of Township and other Social Overhead Assets	67.18	62.54
Depreciation on Social Overhead assets	22.85	22.37
Uniform	2.63	1.42
House Rent	56.16	52.72
Electricity charges for Hospital, Township and other Welfare Buildings, per contra	38.80	27.17
Re-imburement for CMALSPF	4.56	10.01
Consumption of Stores per contra	16.39	23.30
Sports, Recreation & Grant	9.29	3.90
Transit Flat Expenses	7.85	3.98
Other Welfare expenses including Hindi language development Expenses	29.58	13.63
	<u>613.40</u>	<u>487.17</u>
<i>Less: Recoveries</i>		
House Rent	7.72	4.93
Transit Flat Charges	1.56	0.26
Hospital Charges	1.23	2.05
Electricity & Water Charges	1.10	1.66
Others	0.01	1.44
	<u>11.62</u>	<u>10.34</u>
	601.78	476.83
<i>Less : Transferred per contra</i>		
Development	—	43.08
O B R	—	7.50
	<u>601.78</u>	<u>50.58</u>
	<u>601.78</u>	<u>426.25</u>





## SCHEDULE TO PROFIT & LOSS ACCOUNT AS AT 31ST MARCH, 1990

### Schedule – 12

(Rupees in lakhs)

Interest	Current year	Previous year
Plan Loan from Government of India	49,993.83	43,722.84
Non-Plan loan from Government of India (including Rs. 5,807.58 lakhs per contra)	6,001.36	5,987.30
Bank Overdraft	909.24	271.67
Interest on ONGC Loan	1450.00	1390.41
Interest on Bonds	191.75	—
Interest on Public Deposit	22.19	—
Interest on Neyveli Lignite Corpn. Loan	1.10	—
Others	—	0.01
	<u>58569.47</u>	<u>51372.23</u>
 <i>Less:</i> Recovered from Subsidiaries	 51216.46	 43982.75
Dankuni Coal Complex (Deferred expenditure during construction period)	 —	 665.95
Interest received from suppliers	3.04	—
Interest received on short term loan	173.03	62.56
Transferred to OBR	42.44	45.80
Interest subsidy	5807.58	5807.58
Rebate on Interest	<u>63.94</u>	<u>359.41</u>
	<u>57306.49</u>	<u>50924.05</u>
	<u>1262.98</u>	<u>448.18</u>



# SCHEDULE TO PROFIT & LOSS ACCOUNT AS AT 31ST MARCH, 1990

## Schedule - 13

(Rupees in lakhs)

	Current year	Previous year
Provision		
Bad & Doubtful Debts	0.39	12.78
Doubtful Advances	20.52	11.97
	<u>20.91</u>	<u>24.75</u>

## Schedule - 14

(Rupees in lakhs)

	Current year	Previous year
Coal issued for other purposes per contra		
Brick making	15.10	19.32
Boiler consumption	9.50	14.53
Free issue to employees	<u>104.64</u>	<u>95.75</u>
	129.24	129.60
Less : Transferred per contra		
Development	15.10	19.32
Power & Fuel	9.50	14.53
Social Overhead	<u>104.64</u>	<u>95.75</u>
	<u>129.24</u>	<u>129.60</u>
	-	-



## SCHEDULE TO PROFIT & LOSS ACCOUNT AS AT 31ST MARCH, 1990

### Schedule – 15

(Rupees in lakhs)

	Current year		Previous year	
<b>Other Expenditure</b>				
Travelling		162.45		122.64
Printing & Stationery		51.26		37.08
Postage & Telephone		143.70		85.07
Freight Charges		40.81		70.60
Advertisement		156.98		44.70
Underloading Charges		0.43		0.06
Demurrage		8.54		2.79
Rent		39.72		38.10
Insurance		0.99		4.95
Rates & Taxes		9.23		5.55
Legal Expenses		8.18		5.70
Royalty & Cess		11.37		8.43
Assam Land Tax		6.13		—
Service Charges of Holding Company		7.42		5.14
Expenses for Public Deposit		23.98		—
Loss on Sale of Assets/Stores		—		0.02
Exhibition Expenses		22.87		—
<b>Auditors' Remuneration :</b>				
Audit Fees	0.84		0.84	
Travelling and out of pocket expenses	0.42		0.42	
In other capacity (Tax Audit)	0.28		0.28	
Management Audit	<u>5.28</u>	6.82	<u>4.00</u>	5.54
Discount on Bonds		54.75		—
Bank Charges		7.56		6.65
Office Contingencies		10.67		17.65
Computer Rent etc.		49.41		48.52
Security Expenses		1.09		0.61
Consultant/Retainer Fees		16.76		28.91
Hire Charges		95.40		56.41
Books & Periodicals		4.56		3.41
Conference and Seminar		46.82		21.32
Sales Tax		2.90		6.88
<b>Repairs and Maintenance of Cars &amp; Jeeps :</b>				
Petrol & Diesel	23.82		15.77	
Repairs	20.98		15.63	
Others (Road Tax, Insurance etc.)	<u>7.99</u>	52.79	<u>3.74</u>	35.14
Rescue & Safety		2.07		1.46
O B R (Departmental)		684.60		596.35
Turnover Tax		6.75		9.79
Other Miscellaneous Expenses		18.15		16.75
Loss of Missing Wagon		0.41		—
Entertainment Expenses		<u>0.17</u>		—
		1,755.74		1,286.22
<b>Less : Transferred per Contra</b>				
Development	0.92		47.50	
O B R	<u>85.15</u>	86.07	<u>145.89</u>	193.39
		<u>1,669.67</u>		<u>1,092.83</u>



## SCHEDULE TO PROFIT & LOSS ACCOUNT AS AT 31ST MARCH, 1990

### Schedule - 16

(Rupees in lakhs)

Prior Period Adjustment	Current Year	Previous Year
Debit		
Salaries & Wages	41.63	192.96
Railway Freight	-	62.08
Railway Claims	(-) 1.73	-
Gratuity & Pension	10.18	0.64
Consumption of Stores & Spare Parts	24.36	0.33
Repairs & Maintenance	(-) 0.25	0.16
Bank Charges	0.73	-
Contractual Expenses	10.90	-
Siding Charges	5.34	8.67
Transport Charges	0.62	0.60
Sales Tax, Royalty etc.	(-) 1.45	0.10
Social Overhead	0.22	0.83
Computer Hire Charges	0.52	-
Holding Company Charges	0.25	-
Rates & Taxes	-	0.26
Travelling Expenses	(-) 0.23	0.87
Printing & Stationery	6.00	-
Rent	1.92	2.16
Legal Fees & Expenses	0.73	1.63
Claim from Contractor	-	20.38
Operation Expenses	0.18	-
Advertisement	1.20	0.40
Weighbridge Charges	-	2.89
Hire Charges	-	2.96
Entry Tax	0.34	-
Management Audit Expenses	0.89	0.56
Ex-gratia	7.24	0.17
Postage & Telephones	(-) 0.19	0.67
Other Miscellaneous Expenses	5.17	11.68
Overloading & Underloading charges	1.48	-
	<u>116.05</u>	<u>311.00</u>
Credit		
LTC/LLTC Expenses	0.12	-
Opening Stock of Coal, Coke	-	0.19
Purchase	6.86	54.94
Power & Fuel	0.52	10.26
Depreciation	0.16	(-) 14.18
Interest on Govt. Loan	166.55	207.07
Sale of Coal, Coke etc.	1.40	-
Subsidy for Protective work	4.02	43.73
Idle Freight (SAIL)	1.36	-
Doubtful Debts	-	-
Doubtful Claims	-	3.25
Shortfall of PF	0.19	-
Rent Received (Outsider)	1.25	-
Demurrage	(-) 1.40	-
Development	-	-
Other receipts	-	0.54
Auditors out of pocket expenses	-	0.14
Training expenses	0.06	-
Donation/Reward	0.15	-
AECD/DII Int.	0.12	-
Consultancy Charges	2.20	-
Apex Office Charges	54.53	52.47
	<u>238.09</u>	<u>358.41</u>
Add : Transferred to Development	Cr. 122.04	Cr. 47.41
	-	Dr. 105.33
	<u>Cr. 122.04</u>	<u>Dr. 57.92</u>

**Schedule – N**

**A. Accounting Policies**

**1. System of booking Income and Expenses**

All expenses and income including for Projects/Mines under development are initially booked to the natural heads of accounts and then transferred to functional heads of accounts wherever necessary.

**2. Fixed Assets**

- i) Building includes cost of electrical fittings, water supply arrangement and sanitary fittings. Depreciation on such fittings and arrangements have been provided for at the rate prescribed for building in Schedule-XIV of the Companies Act, 1956.
- ii) Payments made to Railway authorities are initially booked to "Railway Sidings under Construction" and are shown under the head "Capital work-in-progress". As and when Railway Siding is completed and put to use, the same is transferred to Railway Sidings completed under the head "Fixed Assets."
- iii) Expenses net of income of the Projects/Mine under development including proportionate interest and administrative expenses capitalised are booked to development account by way of transfer from natural heads of income/expenses accounts.
- iv) Installation expenses wherever done departmentally are not capitalised.
- v) Subsidy and/or grants received on capital account are deducted from the cost of assets to which these relate.

**3. Current Assets**

- i) Stock of stores, spare parts, work-in-progress and other finished goods are valued at cost.
- ii) Stock of Coal, Coke, etc. are valued at net realisable value. However, stock at CIL Dumps and Dankuni Coal Complex have been valued at cost.
- iii) Book Stock of Coal, Coke etc. is taken for the purpose of Closing Stock where the variance between book stock and physically verified stock is upto  $\pm 5\%$  and in case the variance is beyond  $\pm 5\%$  the physical stock is taken as closing stock.
- iv) The stock of medicines excepting for Central Medical Hospital Stores and stock of Stationery are not considered for inventory purpose and is charged to revenue.

**4. Current Liabilities**

- i) Additional liability for Royalty, Cess, Sales Tax etc., if any, is accounted for in the year in which final assessment orders are received.
- ii) Liabilities for Gratuity and Life Cover Scheme are accounted for in respect of amounts accrued and due but not paid as at the close of the year. However, Gratuity is not actuarially ascertained and accounted for.

**5. Miscellaneous Expenditure (to the extent not written off or adjusted).**

In Opencast Mines, the cost of OBR is charged on average ratio evaluated on current working cost of removal of OB at each mine with due adjustment for advance stripping/ratio variance account.

**6. Profit & Loss Account**

- (i) (a) Depreciation on Fixed Assets is charged on straightline method as per the rates specified for the corresponding assets in the Schedule-XIV to the Companies Act, 1956.
- (b) Depreciation on leasehold land and Buildings is charged equitably over lease period.
- (c) Development and Prospecting & Boring expenses are amortised over a period of 20 (twenty) years or Project life, whichever is lower.
- (ii) Coal issued to employees (free issue) and for Boiler consumption is accounted for on the basis of norms fixed by the Management and valued at relevant grades' selling price and the same is exhibited in the Accounts per contra.
- (iii) (a) Interest on Government loans, Bank Overdraft, Bonds, Public Deposits and other loans net of rebate and interest received on loans, for the year is allocated to the Subsidiaries and Units on the basis of total investment for the year comprising purchase consideration, investment and current account balances upto a specific date as determined by the Management, taking into account the Debt - Equity Ratio as 1:1. In case of subsidy for interest on non-plan loan from Government of India, this is allocated to losing Subsidiaries and Units in proportion to their cumulative loss balances upto the previous year.
- (b) Apex Office charges are allocated to Subsidiaries and revenue mines directly under Coal India Limited in proportion to their production ratios for the year.
- iv) No adjustment for the loss of the Subsidiary Companies is made in the Accounts of Coal India Limited.

**B. Notes on the Accounts**

**1. Fixed Assets**

- (i) Title deeds for land acquired, in some cases, have not yet been executed in favour of the Company. This includes the land acquired at Dankuni Coal Complex and made over to the Company by the Government of West Bengal. Pending final award of compensation, the liability, if any, on this account remains unascertained.
- (ii) Itemwise values of immovable properties vested with and owned by the Company under Coal Mines (Nationalisation) Act, 1973, are not available.
- (iii) Net Revenue expenditure incurred for Dankuni Coal Complex during the year 1989-90 has been treated as "deferred revenue expenditure" to be amortised over a period of three years after the commencement of commercial production, in view of the exceptional circumstances that the project, though mechanically completed in 1989-90 to commence phasewise commercial production as per the technical guidelines, could not commence actual commercial production during the year 1989-90.





## ACCOUNTING POLICIES AND NOTES ON THE ACCOUNTS FOR THE YEAR ENDED 31ST MARCH, 1990

### 2. Current Assets, Loans & Advances

- (i) The following provisions exist in the Accounts and are considered adequate to cover possible losses that may arise in future on disposal, recovery and adjustments against the assets concerned :

(Rupees in lakhs)

- |  |            |
|--|------------|
| a) For stock of Coal, Coke etc., on account of deterioration due to fire and longer period of stocking | Rs. 135.81 |
| b) For stock of slow-moving/non-moving and obsolete stores and spares                                  | Rs. 18.73  |
| c) For bad and doubtful debts  | Rs. 51.97  |
| d) For bad and doubtful advances   | Rs. 88.23  |
- ii) The closing stock of stores has been considered in the Accounts as per balances appearing in priced stores ledger of the Regional Stores and as per store records for stores lying at the Collieries/Units.
- iii) On the basis of Accounting Policy mentioned in the Schedule to Notes on Accounts, a quantity of 698.330 m.t. of Coal valued at Rs. 3.60 lakhs was apparently found short by over 5% at NEC. Actual shortage will be known only after stocks are completely despatched as precise ground contour, bulk density, degree of compactness are not known. A quantity of 759.790 m.t. found to be shale on physical verification in respect of Coal stock at NBQ of NEC has not been valued.
- iv) The Company holds Bank guarantees amounting to Rs. 363.45 lakhs in respect of RSO, West Bengal, obtained from the Stockyard operators as per stipulation in the Tender Documents.

### 3. Secured Loans

Pending registration of transfer of assets and liabilities of erstwhile C.M.A.L. and its Divisions, now Coal India Limited, the overdraft balance of Coal India Limited has been secured by creating charge against stock of Coal, stock of Stores & Spare Parts and Book Debt of the Subsidiary Companies.

### 4. Unsecured Loans

- i) During the year the Company has issued on private placement basis 13% non-convertible secured Bonds amounting to Rs. 50.00 crores redeemable at par in December 1996 and 9% (Tax free) non-convertible secured Bonds of Rs. 150.00 crores redeemable at par in March 2000 to Nationalised Banks/their Subsidiaries and the Bonds are to be secured by equitable mortgage of Fixed Assets of Northern Coalfields Limited (A Subsidiary of Coal India Limited).
- ii) During the year the Company has invited deposits from the Public as per the provisions of Companies (Acceptance of Deposits) Rules, 1975 and received Rs. 1098.12 lakhs till the close of the financial year and shown under the head "Unsecured Loans".

### 5. Current Liabilities

- i) Deductions made from the Wages of the employees covered by National Coal Wage Agreement, at the rate of 2% of Basic Wages plus D.A. towards post-retirement benefit with effect from 1.4.1989 amounting to Rs. 27.34 lakhs has been kept separately under "Other Liabilities" pending consideration and approval of an appropriate scheme by the Government of India.

## ACCOUNTING POLICIES AND NOTES ON THE ACCOUNTS FOR THE YEAR ENDED 31ST MARCH, 1990

- ii) Pending finalisation of Pay Scales of the Executives, difference of Salary and Allowances payable, if any, to the Executives over and above the Interim Reliefs paid to them from 1.1.1986 and 1.8.1987 could not be ascertained and provided for in the Accounts.

### 6. Capital Commitment

The amount (including the amount on behalf of the Subsidiaries) remains to be executed on capital Account not provided is Rs. 16575.21 lakhs (previous year Rs. 15015.64 lakhs).

### 7. Contingent Liability

- i) Claims against the Company not acknowledged as debts include :

1) Claims by Contractors	–	Rs. 41.76	lakhs
2) Cases in Arbitration	–	Rs. 61.05	lakhs
3) Suit against the Company	–	Rs. 76.53	lakhs
4) District Board, Gorakhpur	–	Rs. 0.08	lakhs
5) Claim by the legal heirs of the deceased in Company's Car accident	–	Rs. 6.00	lakhs

- ii) Cases for which Company may be contingently liable for :

Guarantees given by the Company in favour of Banks aggregating to Rs. 57.68 lakhs on behalf of the Subsidiaries.

### 8. General

- i) The balances with the Subsidiary Companies have been reconciled but the final balances remained unconfirmed.
- ii) Previous year's figures have been rearranged and regrouped wherever necessary.

### 9. Profit & Loss Account

- i) The Government of India, Ministry of Energy, Department of Coal, New Delhi, vide No. 28012(3).81-CA dated 5.3.1983 has introduced Retention Price Scheme and conveyed the sanction of the Central Government to the Retention Price for raw Coal sold by the different Subsidiary Companies and for NEC owned by Coal India Limited. Coal India Limited is authorised to operate the Coal Price Regulation Account on behalf of the Government, which has been fully distributed to the Subsidiaries claiming the contribution and the balance in the fund as on 31.3.1990 became nil.
- ii) An amount of Rs. 4.56 lakhs has been provided in the Accounts towards an estimated deficit in the Revenue Account of CMALSPF for the year 1989-90.
- iii) Rs.484.54 lakhs shown under Loans & Advances is recoverable out of Rs. 594.91 lakhs on account of deposits made to the Commissioner of Payments as per Government order in respect of surplus Collieries managed during the management period on behalf of the Government.

Further, Rs. 554.05 lakhs shown under "amount and/or consideration received against Equity pending Allotment" until 31.3.1988 has been transferred to Current Liabilities in the year 1987-88 as the amount concerned was neither received as Equity nor as loan, out of which Rs. 517.89 lakhs is considered adjustable against amount shown as "Due from the Government of India". However, no such adjustment was carried out in the Accounts pending Government approval for the same for which the Government is approached.



## ACCOUNTING POLICIES AND NOTES ON THE ACCOUNTS FOR THE YEAR ENDED 31ST MARCH, 1990

- iv) Directors are allowed to use the Company's cars for personal use for which recovery is being made.
- v) Pending decision of the Government of India on waiver of penal interest, payable, if any, on Rs. 1,096.00 lakhs interest on non-plan loan accrued but not due upto 31.3.1979, no provision has been made in the Accounts as per past practice. Subsidy for the interest on non-plan loan is being granted by the Government of India for the equivalent amount of interest due thereon every year since 1979-80.
- vi) Since joining in August, 1986, the Director (Finance) of the Company has been paid salary in the Scale of Rs. 4,000 -125 - 4,500 without adjustment of his pensionary benefit (Rs. 2,926 p.m.) as per rules, pending issue of orders of the Ministry. Though orders fixing his salary under usual rules had been issued by the Ministry in April, 1989, this has not been given effect to as the Director (Finance) had made representation against the orders. Over payment on this account, if any, will be recovered on receipt of final orders of the Government.
- vii) The Accounts together with Notes thereon approved by the Board of Directors of the Company in its meeting held on 30th July, 1990 and reported thereon by the Auditors have been revised to comply with the observations of the Comptroller and Auditor General of India. The revision has affected the Accounts for the year as follows :
- (a) Profit & Loss Account :  
The profit of the Company has decreased by Rs. 49.96 lakhs
  - (b) Balance Sheet :
    - i) Inventories have decreased by Rs. 47.77 lakhs
    - ii) Current Liabilities and provisions have increased by Rs. 2.19 lakhs
  - (c) The Schedules to the Profit & Loss Account and Balance Sheet including Notes on the Accounts have been suitably amended/modified and additional disclosure made, wherever necessary.
- viii) Schedules A to M form part of the Balance Sheet as on 31st March, 1990, 1 to 16 form part of the Profit & Loss Account for the year ended on that date and Schedule - N represents Accounting Policies and Explanatory Notes on the Accounts. Additional information required as per Schedule - VI (Part-II) are given in the Annexure to Schedule - N.

Signatures to Schedules A to N and 1 to 16.

U. SURYANARAYANA  
Company Secretary

S. V. R. RAO  
GM (Finance)

B. SWAMINATHAN  
Director  
(Finance)

M. P. NARAYANAN  
Chairman

Calcutta  
Dated : 12th September, 1990

As per our separate report of even date.  
For M/s. Gupta & Mitra  
Chartered Accountants

(S. S. DHAR)  
Partner



# STATEMENT PURSUANT TO SECTION 217(2A) OF COMPANIES ACT, 1956

## Annexure to Schedule – N

(Rupees in lakhs)

	Current year		Previous year	
<b>1. Directors' Remuneration</b>				
(i) Salaries	3.93		3.64	
(ii) Company's Contribution to Provident Fund & Other Funds	0.37		0.29	
(iii) Medical benefits	0.92		0.09	
(iv) Perquisites	1.06		0.48	
<b>2. Particulars of employees who are in receipt of not less than Rs. 72,000/- per annum or Rs. 6,000/- per month, when employed for a part of the year.</b>				
	Employed throughout the year		Employed for part of the year	
	1989-90	1988-89	1989-90	1988-89
(i) Number of employees	173	98	71	35
(ii) Salaries, Allowances, etc. (Rupees in lakhs)	169.32	74.50	26.74	15.21
(iii) Contribution to Provident Fund (Rupees in lakhs)	6.39	5.50	1.83	1.05
<b>3. The information required in paragraph 3 &amp; 4 of Part (ii) of the Schedule (vi) of Companies Act, 1956, 3(b) value of imports on CIF basis.</b>				
	Current year		Previous year	
(i) Raw material	—		—	
(ii) Capital goods	—		—	
(iii) Stores, Spares & Components	5.03		—	
<b>4. Expenditure incurred in Foreign Currency on account of :</b>				
(i) Know how	—		—	
(ii) Interest	—		—	
(iii) Exchange variation	—		—	
(iv) Commission to Foreign Agents	—		—	
(v) Training expenses and payment to Foreign Technicians	—		—	
(vi) Travelling	9.79		—	
(vii) Medical Treatment	—		—	
<b>5. Earning in Foreign Exchange on account of</b>				
(i) Export of Goods (Calculated on FOB basis)	—		—	
(ii) Exchange variation	—		—	
(iii) Miscellaneous	—		—	
<b>6. Total consumption of Stores during the year</b>				
(a) Imported materials	—		—	
(b) Indigenous	614.64	100%	573.71	100%

Additional information required in paragraph 3 and 4 of Part-II of Schedule-VI to the Companies Act, 1956 for the year ended 31st March, 1990.

7. (a) Installed Capacity – Not applicable  
(b) Licence Capacity – Not applicable



## STATEMENT PURSUANT TO SECTION 217(2A) OF COMPANIES ACT, 1956

### 8. Statement of Opening Stock, Production, Purchases, Turnover and Closing Stock of Coal and Coke including its trading activities.

(Rupees in lakhs)  
Quantity in '000 M.T.

	Current year		Previous year	
	Quantity	Value	Quantity	Value
I. Opening Stock				
Coal	721.1	3356.24	574.3	2201.20
Coke	4.0	14.90	6.0	21.60
II. Production				
Coal	836.3	—	900.4	—
III. Purchase (Net of adjustment)				
Coal	784.0	5764.96	1084.9	6413.51
Coke	35.0	127.22	54.0	189.61
IV. Turnover				
Coal	1609.8	10773.61	1810.9	10771.57
Coke	36.0	180.20	55.0	267.46
V. Closing Stock				
Coal	627.9	3257.55	721.1	3446.06
Coke	3.0	13.99	4.0	14.90

### 9. Schedule of Opening Stock, Production, Turnover and Closing Stock of by-product.

(Rupees in lakhs)  
Quantity in '000 M.T.

	Current year		Previous year	
	Quantity	Value	Quantity	Value
1. Opening Stock	—	—	—	—
2. Production	0.25	—	—	—
3. Sales	0.24	210.73	—	—
4. Closing Stock	0.01	3.40	—	—

### Statement Pursuant to Section 212(1)(e) of the Companies Act, 1956 as at 31st March, 1990

Subsidiary (Fully owned)	No. of Equity Shares held by Coal India Limited	No. of Equity Shares held by CIL in Nominees Name	Total paid up value Rs. in Crores	Profit (+) Loss(—) for the year ended 31-3-1990 Rs. in Crores	Profit(+) Loss(—) balance as on 31-3-90 cumulative Rs. in Crores
ECL	89,99,997	3	900	(+) 76.43	(-) 800.32
BCCL	94,99,997	3	950	(+) 51.33	(-) 941.73
CCL	67,51,104	3	675.1107	(+) 10.76 *	(-) 124.58
WCL	49,99,997	3	500	(-) 30.94	(-) 143.87
NCL	89,99,997	3	900	(+) 2.10 *	(-) 26.04
SECL	89,99,997	3	900	(-) 32.32	(-) 113.55
CMPDIL	19,03,997	3	19.04	(+) 2.42 *	(+) 8.29
NEC/CIL				(+) 0.35	(-) 107.79
			4844.1507	(+) 80.13	(-) 2249.59

\* Before Tax provision for Rs. 3.87 Crores (CCL, NCL & CMPDIL) and Investment Allowance Reserve of Rs. 0.08 Crores (CMPDIL)



## STATEMENT PURSUANT TO SECTION 217(2A) OF COMPANIES ACT, 1956

### Comments of the Comptroller & Auditor General of India under Section 619 (4) of the Companies Act, 1956 on the Accounts of Coal India Limited, Calcutta for the Year ended 31st March, 1990.

In view of the revision made in the accounts as a result of the observations made by the Comptroller & Auditor General of India as indicated in para 6.(X) of the Auditors' Report to the Shareholders and Note No.9.(VII) of the Schedule 'N' Part 'B' of Notes forming part of Accounts, there are no further comments to offer upon or supplement to the Auditors' Report under Section 619(4) of the Companies Act, 1956 on the accounts of Coal India Limited, for the year ended 31st March, 1990.

Calcutta  
Dated, the 13th September, 1990

Smt. A. Basu  
Principal Director of Commercial Audit &  
Ex-officio Member, Audit Board - II  
Calcutta.

### Review of Accounts of Coal India Limited for the year ended 31st March, 1990 by the Comptroller & Auditor General of India

#### 1. FINANCIAL POSITION :

The table below summarises the financial position of the Company under the broad headlines for the last 3 years.

(Rs. in lakhs)

	1987-88	1988-89	1989-90
<b>Liabilities :</b>			
a) Paid up capital (including amount due to Govt. of India to be adjusted against issue of stores).	412033.92	476415.89	522386.40
b) Reserve & Surplus	344.77	344.77	344.77
c) Borrowings :			
i) From Govt. of India	309013.25	331960.45	374459.58
ii) From Bank including Term Loan from ONGC & NLC	16936.30	21673.28	44010.43
iii) Bonds & Public Deposits	-	-	21098.12
d) Trade dues & current liabilities (including Provisions)	74933.29	76555.72	87779.60
<b>Total</b>	<b>813261.53</b>	<b>906950.11</b>	<b>1050078.90</b>
<b>Assets :</b>			
e) Gross Block	5523.25	6406.52	8205.08
f) Less : Depreciation	1876.67	2274.00	2762.51
g) Net Fixed Assets	3646.58	4132.52	5442.57
h) Capital works-in-progress (including other capital Assets)	9245.03	12642.36	12583.90
i) Investment	255553.60	402458.08	484416.70
j) Current Assets, Loans & Advances (including amount due from Govt. of India for non-coking coal mines)	533854.73	476573.25	534355.26
k) Miscellaneous Expenditure & Losses not written off :			
i) Deferred Revenue Expenditure	221.49	330.62	2501.78
ii) Accumulated losses	10740.10	10813.28	10778.69
<b>Total</b>	<b>813261.53</b>	<b>906950.11</b>	<b>1050078.90</b>
Capital Employed	462568.02	404150.05	452018.23
Net Worth	401417.10	465616.76	509450.70

- Note :**
- Capital employed represents Net Fixed Assets plus working capital.
  - Net worth represents paid up capital plus Reserve and surplus less intangible assets.
  - The figures taken in the years 1987-88 and 1988-89 are as published in the respective year's Accounts irrespective of adjustment made in subsequent years.



## STATEMENT PURSUANT TO SECTION 217(2A) OF COMPANIES ACT, 1956

### 2. Capital Structure :

The debt equity ratio of the Company was 0.79% in 1987-88, .07:1 in 1988-89 & 0.76:1 in 1989-90.

### 3. Reserve and Surplus :

The reserve and surplus Rs. 344.77 amounted to 0.033% of total liabilities in 1989-90 as against 0.038 in 1988-89 and 0.042 in 1987-88 and (b) 0.066% of equity capital (Rs.522386.40 in 1989-90 against 0.072% in 1988-89 and 0.084% in 1987-88).

### 4. Liquidity and Solvency :

- The percentage of current assets to total net assets was 65.64 in 1987-88, 52.55 in 1988-89 and 50.89 in 1989-90.
- The percentage of current assets to current liabilities including provisions declined from 712.44 in 1987-88 to 622.52 in 1988-89 and 608.75 in 1989-90.
- The percentage of quick assets (cash and bank balances, debtors and advances) to current liabilities (excluding provisions) varied from 4.17 in 1987-88 to 4.96 in 1988-89 and 14.00 in 1989-90.

### 5. Working Capital :

Working capital (current assets, loans and advances less Trade dues and current liabilities and provisions) of the company at the close of 3 years ending March 1990 amounted to Rs.458921.44 lakhs in 1987-88, Rs.400017.53 lakhs in 1988-89 and Rs.446575.66 lakhs in 1989-90 and represented 539.06 months, 376.01 months and 455.78 months value of production at cost (excluding depreciation) during the above years respectively.

### 6. Sources of Funds :

Funds amounting to Rs. 488.51 lakhs from internal sources (depreciation reserve and surplus and provisions) and Rs.143128.79 lakhs from other sources were utilised during 1989-90 as shown below :

	(Rs. in lakhs)
Gross Fixed Assets -	1798.56
Capital works-in-progress -	(-) 58.46
Investment (Other than trade) -	81958.62
Current Assets, Loans & Advances -	57782.01
Miscellaneous Expenses and losses not written off -	2136.57
	<u>143617.30</u>





## STATEMENT PURSUANT TO SECTION 217(2A) OF COMPANIES ACT, 1956

### 7. Working Results :

	1987-88	1988-89	( Rs. in lakhs ) 1989-90
Profit/Loss as per Account	(-) 165.17	(+) 37.21	(-) 5.77
Add : Development Rebate, Investment Allowance Reserve, Stock Deterioration reserve shown above the line	—	—	—
Profit/Loss for the year	(-)165.17	(+) 37.21	(-) 5.77
Add/deduct : Past period adjustments shown below the line	(+) 28.32	(-)110.39	(+) 40.36
Loss/Profit before tax	(-) 136.85	(-) 73.18	(+) 34.59
Tax Provision			
Loss/Profit after tax			
(+) indicates profit (-)indicates loss	(-) 136.85	(-) 73.18	(+) 34.59

The cumulative loss as on 31.3.90 amounted to Rs. 10,778.69 lakhs as against the paid up capital of Rs. 522386.40 lakhs as on the same date.

### 8. Cost Trend :

The table below indicates the percentage of cost of Sales to Sales during last three years.

	1987-88	1988-89	(Rs. in lakhs ) 1989-90
Sale of Coal, Coke, Bricks etc.	9945.04	11519.48	11856.61
Add Loss/Less Profit	(-) 165.17	(+) 37.21	(-) 5.77
Cost of Sales	10100.21	11482.27	11862.38
Percentage of cost of Sales to Sales	101.56	99.68	100.05

### 9. Production Performance :

The value of production during the last three years is worked out below :

	1987-88	1988-89	( Rs. in lakhs ) 1989-90
i) Sales of Coal, Bricks etc.	9945.04	11519.48	11856.61
ii) Closing Stock of coal & bricks etc. (including work-in-progress)	2226.52	3473.38	3294.97
iii) Opening Stock of coal, bricks etc (including work-in-progress)	1955.65	2226.71	3393.97
iv) Value of Production (i + ii - iii)	10215.91	12766.15	11757.61

The percentage of value of production to networth 2.54 in 1987-88, 2.74 in 1988-89 and 2.31 in 1989-90. Percentage of value of production to total net assets increased from 1.26 in 1987-88 to 1.91 in 1988-89 and declined to 1.12 in 1989-90.



## STATEMENT PURSUANT TO SECTION 217(2A) OF COMPANIES ACT, 1956

### 10. Inventory and Production :

The table below indicates the comparative position of inventory and its distribution at the close of the last 3 years ended 31st March, 1990.

	( Rs. in lakhs )		
	1987-88	1988-89	1989-90
i) Stores and spares	391.87	478.33	679.37
ii) Stock of Coal, bricks etc.	2226.52	3473.38	3294.97

The stock of stores and spares was equivalent to 10.46 months consumption in 1987-88, 21.85 months in 1988-89 and 27.07 months in 1989-90. Stock of Coal, bricks etc. represented 2.69 month's sales in 1987-88, 3.62 months sales in 1988-89 and 3.33 months sales in 1989-90.

### 11. Sundry Debtors and Turnover :

The following table indicates the value of book debts and sales for the last three years.

(Rs. in lakhs )					
As on	Total Book Debts considered good	Total Book Debts considered doubtful	Total	Sales	Percentage of Debtors to Sales
31.3.88	290.31	38.80	329.11	9945.04	3.31
31.3.89	403.89	51.58	455.47	11519.48	3.95
31.3.90	415.15	51.97	467.12	11856.61	3.94

Sundry debtors represented about 0.40 months turnover in 1987-88, 0.47 months turnover in 1988-89 and 0.47 months turnover in 1989-90.

The following table indicates the details of debts outstanding for more than one year as on 31.3.1990 :

	( Rs. in lakhs )		
	Government Department	Private parties	Total
i) Debts outstanding over one year but less than two years	13.64	1.54	15.18
ii) Debts outstanding over two years but less than three years	9.85	0.17	10.02
iii) Debts outstanding for three years and above	47.55	2.74	50.29
Total :	<u>71.04</u>	<u>4.45</u>	<u>75.49</u>

Sd/-

( SMT. A. BASU )

Pr. Director of Commercial Audit &  
Ex-officio Member, Audit Board - II  
Calcutta.

Calcutta,  
Dated, the 13th September ,1990



## **Addendum to Directors' Report**

### **Auditors' Report**

To

The Members of Coal India Limited  
10, Netaji Subhas Road,  
Calcutta - 700 001

We have audited the attached Balance Sheet of Coal India Limited as at 31st March 1990 and also the Profit & Loss Account for the year ended on that date in which are incorporated the Accounts of North Eastern Coalfields, Dankuni Coal Complex, CIL Headquarters and Coal Marketing Organisation audited by us and the Accounts of Regional Sales Offices and Delhi Office of CIL Headquarters audited by Branch Auditors in accordance with the letter of appointment No. 4/151/89-IGC dated 22.2.1990 of Company Law Board, Government of India, Department of Company Affairs, New Delhi. While preparing our Report as under, we have given due consideration to the Reports of the Branch Auditors and incorporated the same in appropriate places. We report as follows :

1. As required in the Manufacturing and other Companies (Auditors Report) Order 1988 issued by the Company Law Board in terms of Section - 227 (4A) of the Companies Act, 1956, we enclose in the Annexure a statement on the matters specified in paragraphs 4 and 5 of the said Order.
2. Fixed Assets :
  - (i) Complete details of Fixed Assets vested with and owned by the Company under Coal Mines (Nationalisation) Act, 1973 were not made available to us except those assets which are still in existence and are in some cases accounted for at nominal value of Re. 1/- each. We were informed by Management that registration of Title Deeds and mutation of properties owned and acquired after nationalisation through Government Agencies are still in progress in some cases. However, we have been further informed that evidence of handing over the possession of the land through letters from the concerned State Authorities are available with the Management.
  - (ii) Regularisation of transfer of assets and liabilities from Coal India Limited to Subsidiaries and also between Subsidiaries on formation of the subsidiaries is stated to be in progress.
  - (iii) Depreciation on Fixed Assets has been charged in the Accounts on straightline method at rates stipulated in Schedule-XIV of the Companies (Amendment) Act, 1988.  
  
Leasehold land, Development and prospecting & Boring are being amortised as explained in Accounting Policies vide Para 6(i) (b) and 6(i) (c).

### **Management's Reply**

No Comments are called for.

Fixed Assets vested with and taken over by the Company on Nationalisation of Coal Mines have been fully depreciated, leaving a nominal value of Rs. 1/- for each of such assets.

The matter was referred to the Government of India and receiving its attention.

No Comments

In respect of assets added during the year, depreciation, in certain cases, has been calculated taking the period rounded off to the nearest month.

- (iv) In Dankuni Coal Complex, an amount of Rs. 261.33 lakhs has been capitalised during the year by way of transfer from Capital Work-in-Progress on account of construction of Township Buildings by M/s N.P.C.C. Ltd. This includes a sum of Rs. 61.05 lakhs for liability assessed in respect of work done by said M/s. N.P.C.C. Ltd., upto 31.3.1990, bills for which are yet to be received by Dankuni Coal Complex.

Estimating liabilities where the actual liability is not known at the time of preparation of the Accounts is a normally accepted Accounting practice.

- (v) Railway Siding includes Rs. 295.33 lakhs capitalised during the year in Dankuni Coal Complex being the total amount paid to Eastern Railway on the basis of revised estimate submitted by the said Authority. We have been informed that no further claim has been preferred by Eastern Railway and as such the amount paid as per revised estimate has been capitalised.

No Comments

3. Capital Work-in-Progress :

Capital Work-in-Progress includes Rs. 7815.04 lakhs in respect of Composite Gas Plant at Dankuni Coal Complex. This includes Rs. 1307.88 lakhs on account of liability created for work done upto 31.3.1990 as assessed by Management. Bills for which are yet to be received.

Our reply against para 2(iv) may be referred to.

Capital work-in-Progress also includes Rs. 418.95 lakhs in respect of Ultadanga Housing Complex which is inclusive of Rs. 42.72 lakhs liability created by CIL Headquarters based on their technical assessment for work done upto 31.3.1990. The bills for which are yet to be received.

4. Inventories :

- (i) The stock of Coal and Coke has been valued at cost in case of CMO and DCC and at notified selling price as per results of analysis in the case NEC in terms of Accounting Policy of the Company vide para 3 (ii) of Accounting Policy mentioned in Schedule - N.

No Comments

The basis of such valuation is consistent with the basis followed in earlier year.

- (ii) A quantity of 3187.48 m.t. of Coal being the shortage between book stock and physical stock though adjusted in the Accounts of 1988-89 has not yet been written off in Stock Register of Jeypore Colliery.

Noted

- (iii) At the beginning of the year under review, i.e. 1.4.1989, nil value stock lying in different Collieries of NEC was 40469.85 m.t., out of which a quantity of 20986.20 m.t. was

No Comments

stated to have been sold during the year leaving a balance of 19483.65 m.t. which was taken at nil value for the purpose of valuation of stock.

- (iv) Ground shortage of Coal at N B Q for 698.33 m.t. found on physical verification compared to book stock was not considered for stock valuation purpose.
- (v) In view of our analysis of opening stock, production, despatch and closing stock of all the Collieries of NEC from 1985-86 to 1989-90 on the basis of records made available to us, we have observed that in none of the years covered in our analysis, the entire production in any particular year was despatched during that year resulting in further accumulation of stock. We have further observed that total quantity of stock apparently remaining unmoved for last 5 to 10 years and lying in different Collieries aggregated to approximately 1.33 lakh m.t. which has been considered as good stock by Management and valued accordingly. As such, we are not in a position to form any concrete opinion whether the Company will be able to realise the full value by selling the said old stock in future.
- (vi) Stones, rejects etc. found on physical verification of ground stock of Coal and Coke have not been valued.
- (vii) A provision of Rs. 117.81 lakhs including Rs. 48.50 lakhs for CMO exists in Accounts to cover possible deterioration in stock due to fire and longer period of stocking etc. considered adequate by the Management.

This is in accordance with the Accounting Policy vide para No. 3 (iii) of Sch-N which forms part of the Accounts.

Valuation of stock has been made as per the actual ash % age determined on analysis. The Stocks are expected to fetch the value assigned to them, on despatch.

No Comments

No Comments

#### 5. Loans and Advances :

- (i) Advances include certain old advances made to sundry parties which are still lying unadjusted pending completion of linking up process. However, we observed that the Management could link up a substantial portion of old advances and adjust the same during the year. As regards the balance portion of the old advances, it is reported that the same are in the process of linking up.
- (ii) Loans and Advances include Rs. 60.55 lakhs on account of protective work for the period from 1.10.1989 to 31.3.1990 which is the total amount of claim submitted to the Office of the Coal Controller.  
  
Loans and Advances also include subsidy claim for other works aggregating to Rs. 29.48 lakhs which has been made for the first time.
- (iii) Advances to Contractors (Capital) and Sundry Creditors (Capital including revenue stores) of Rs. 5.71

Substantial portion of the old advances have already been linked and adjusted in the accounts for the year 1989-90. Special efforts are still being continued to which adjust the balance old advances.

The claims are now consideration of coal controller.

On receipt of bills, verification thereof and acceptance of the claims, the balances under

lakhs and Rs. 242.59 lakhs respectively are net of linked advances amounting to Rs. 1556.66 lakhs. However, Sundry Creditors (for Capital including revenue) include Rs. 1633.64 lakhs representing (a) assessed work done by M/s. H. E. C. Ltd and M/s. N. P. C. C. Ltd upto 31.3.1990 as certified by Management for Rs. 1307.88 lakhs and Rs. 61.05 lakhs respectively for which bills were not submitted by Contractors but forming part of the ad-hoc advances and (b) the retained amount of Rs. 262.54 lakhs and Rs. 2.16 lakhs of M/s. H. E. C. Ltd and M/s. N. P. C. C. Ltd respectively for certain works executed by them, also forming part of the ad-hoc advances.

"Advances to Contractors" and "Sundry Creditors" will consequently be adjusted.

6. Others :

- (i) Purchases of Coal include Rs. 0.41 lakhs on account of missing Wagon against which no claim has been lodged by Dankuni Coal Complex during the stipulated period.
- (ii) The Government of Assam has imposed Assam Land Tax of Rs. 100/- per m.t. of Coal raised with effect from 1.1.1990. Assam Land Tax amounting to Rs. 294.78 lakhs payable to Govt. of Assam is lying unpaid as the concerned Govt. has not yet clarified the mode of payment as reported to us.
- (iii) Composite Gas Plant at Dankuni Coal Complex was mechanically completed by June, 1989 to commence phasewise commercial production as per technical guidelines, but commercial production could not be commenced during the year owing to problems of gas off-take as explained by Management.

The missing Coal Wagon has since been received at Dankuni Coal Complex.

The matter is being pursued with Assam Govt.

As per information, the said Gas Plant started commercial production from June, 1990 onwards.

The excess of expenditure over income for the year ended 31.3.1990 amounting to Rs. 14.00 crores in respect of Dankuni Coal Complex was not, however, charged to revenue for the year but treated as Deferred Revenue Expenditure as per CIL Board resolution adopted in its meeting held on 6.6.1990 treating the situation as an exceptional case.

The net value expenditure of Rs. 14 crores incurred by Dankuni Coal Complex in 1989-90 was treated as "Deferred Revenue Expenditure" for amortisation over a period of 3 years after commencement of commercial production keeping in view that (a) the plant had not commenced commercial production during the entire year 1989-90, being by itself prolong period, and (b) the expenditure incurred during the period was heavy. Such treatment was recommended as a special case by the Institute of Chartered Accountants of India and also the committee constituted by the Govt. of India in its report on Accounting Policies for Central Public Enterprises. The said treatment, is therefore justified.

In this connection, we would like to refer to guidance note issued by the Institute of Chartered Accountants of India and incorporated in Appendix - 13(A) (Para 13 & 4) of Accounting Policies for Central Public Enterprises which reads as follows : "If the period of delay in commencing commercial production is extremely prolonged, the only possible concession which may be made is that the expenditure incurred during this period can be treated as deferred revenue expenditure".

In the instant case, commercial production though started in June, 1990, the Management considered the period of delay as prolonged taking into consideration the volume of operation of the Plant vis-a-vis the heavy revenue expenditure for the year without backed by sufficient earnings to offset the expenditure for the year.

But for the stand taken by the Management in interpreting the situation as an exceptional case, the net deficit for the year and the resultant depreciation which would have arisen on capitalisation of the Plant, in our opinion should have been treated as revenue loss for the year.

- (iv) The current account balances with Subsidiaries, other Loans & Advances, Sundry Debtors, Sundry Creditors, Deposits and amount due to and due from Government of India remained unconfirmed.
- (v) Current Liabilities include Rs. 20.85 lakhs on account of subsidy received relating to pre-nationalisation period which are stated to be either payable to appropriate authority or adjustable against the claim due to the Companies on account of Management period's transactions.
- (vi) Amount and/or consideration received pending allotment of Equity to the tune of Rs. 204.26 lakhs represents amount received from Govt. of India on account of land compensation awaiting allotment of Equity in favour of President of India.
- (vii) Individual items of receipts/expenditure below Rs. 10,000.00 pertaining to prior period against which no provision was made in earlier period have been considered as receipts/expenditure of current year as per Company's Accounting Policy.
- (viii) Deductions made from the wages of the employees at the rate of 2% of Basic Wages and DA with effect from 1.4.1989 amounting to Rs. 27.34 lakhs towards post-retirement benefit has been kept separately and grouped under "Other Liabilities". In absence of any scheme in this regard being produced to us, we are not in a position to comment further in this matter.
- (ix) Out of Rs. 547.50 lakhs being discount allowed on issue of Bonds, an amount of Rs. 54.75 lakhs has been charged to Profit & Loss Account during the year leaving a balance of Rs. 492.75 lakhs which has been deferred for future amortisation.
- (x) The Balance Sheet as at 31st March, 1990 and Profit & Loss Account for the year ended on that date together

Current Accounts balances with Subsidiaries and Units have been reconciled and are under further scrutiny and adjustments. This is a continuous process.

An amount of Rs. 9.20 lakhs has been linked and adjusted during the year 1989-90. Efforts are still being made to link the balance of subsidy of Rs. 20.85 lakhs for further necessary adjustment.

The Equity in question has since been allotted and issued.

No Comments

Attention is invited to para 5(i) of the Notes on Accounts (Sch-N) wherein the position has been made clear.

The treatment is as per the normal accounting principles.

No Comments



with Notes thereon which were approved by the Board of Directors of the Company on 30th July, 1990 and reported upon by us on 31st July, 1990 have been revised to comply with the observations made by the Comptroller and Auditor General of India.

The revision has affected the accounts of the Company as follows :

1. Profit & Loss Account :  
The profit has decreased by Rs. 49.96 lakhs
2. Balance Sheet :
  - (a) Inventories have decreased by Rs. 47.77 lakhs
  - (b) Current Liabilities and Provisions have increased by Rs. 2.19 lakhs.
3. The Schedule to the Profit & Loss Account and Balance Sheet including Notes on the Accounts have been suitably amended/modified and additional disclosure made wherever necessary.

Subject to Para 2 to 6 above and further to our comments in Annexure referred to in Para 1 above and read with the notes appearing in Schedule-N, i.e. Accounting Policies and Notes on Accounts, we report that :

- (a) While preparing our Report, we have considered the Accounts of Regional Sales Offices and Delhi Office of CIL Headquarters audited by the Branch Auditors.
- (b) We have obtained all the information and explanations which to the best of our knowledge and belief were necessary for the purpose of our audit.
- (c) In our opinion proper books of account as required by Law have been maintained so far as it appears from our examination of those books.
- (d) The Balance Sheet and Profit & Loss Account referred to in the Report are in agreement with the Books of Account, and
- (e) In our opinion and to the best of our knowledge and belief and according to the information and explanations given to us, the Balance Sheet and Profit & Loss Account give a true and fair view :
  - (i) In so far as it relates to the Balance Sheet, of the state of affairs of the Company as at 31st March, 1990, and
  - (ii) In so far as it relates to the Profit & Loss Account, of the profit of the Company for the year ended on that date.

**FOR GUPTA & MITRA**  
Chartered Accountants  
Sd/-  
**S. S. Dhar**  
Partner





## ADDENDUM TO DIRECTOR'S REPORT

Annexure to the Auditors' Report of Coal India Limited for the year ended 31st March, 1990.

### Referred to in Paragraph - 1 of our Report of event date.

1. The Company has maintained proper records to show full particulars including quantitative details and situation of Fixed Assets except in some Regional Sales Offices and General Manager's Office at Delhi where list of yearly addition to Fixed Assets are stated to have been maintained. In case of NEC, the Fixed Assets Register is complete upto 1986-87. Also details of additions to Fixed Assets for the years 1987-88 to 1989-90 are available, the postings of which into Fixed Assets Register is stated to be in progress. As regards CIL Headquarters, Fixed Assets register has been maintained in respect of additions to Fixed Assets from 1986-87 to 1989-90. As regards the additions to Fixed Assets upto 1985-86, we have been given to understand that similar actions are being taken to complete the same.

Physical verification of Fixed Assets has been carried out by the Management during the year except at CIL Hq. and according to information furnished to us, no significant discrepancies have been noticed between the book records and physical balances.

2. The Fixed Assets of the Company have not been revalued during the year.
3. Stock of Coal and Coke has been physically measured by the Management during the year. Discrepancies noticed on stock verification have been properly dealt with in the accounts. In the case of stores at NEC and Dankuni Coal Complex, the Company is having perpetual inventory system. During the year under audit, most of the Stores items covering substantial portion of its value have been physically verified by the Management and the discrepancies noticed, if any, have been adjusted in the Accounts.
4. The procedures of physical verification of stock followed by the Management are reasonable and adequate in relation to the size of the Company and the nature of its business.
5. No material discrepancy has been noticed on physical verification of stock except in the case of NEQs Stockyard of NEC where a shortage of 698.33 MT of coal was found as compared to book balance and the same has been properly dealt with in the accounts.
6. The stock of coal, coke etc at DCC and CMO have been valued at cost. The stock of coal at NEC has been valued at notified selling price based on analysis made by Management. The basis of such valuation is consistent with the basis followed in the earlier year. However, this should be read with our observation in the main report vide 4 (V).

### Management's Reply

Steps are being taken for recording the wanting details wherever necessary. Action will also be taken to verify Fixed Assets at all Units.

No Comments

No Comments

No Comments

No Comments. Our reply to para No. 4(iv) of Auditors' Report may also be referred to.

No Comments. Our reply to para 4(v) of Auditors' Report may also be referred to.

Stores at Dankuni Coal Complex, NEC and CIL Headquarters have been valued at cost.

In our opinion, the method of valuation is fair and proper in accordance with the normally accepted accounting principle.

7. The Company has not taken any loan secured or unsecured from the Companies, Firms and other Parties listed in the Register maintained under Section 301 of the Companies Act, 1956. It has been stated that there was no party which required such listing in the Register under Section 370(IC) of the Companies Act, 1956.
8. The Company is providing funds to the Subsidiaries in the nature of loan to meet their Capital and Revenue needs and is charging Interest. The rate of interest and other conditions of transfer of such fund are not prima facie prejudicial to the interest of the Company.
9. The Company has given loans and advances in the nature of loans to the employees which are being recovered as stipulated together with interest, wherever applicable.
10. In our opinion, there are adequate internal control procedures commensurate with the size of the Company and the nature of its business.
11. According to information given to us, the Company has not purchased any stores, raw materials or components exceeding Rs. 50,000/- in value for such type thereof during the year from the Subsidiary Companies, Firms or other Parties in which the Directors are interested. However, the Company is purchasing Coal from its Subsidiaries at notified selling price.
12. During the year, the Company has determined obsolete, unserviceable and damaged stores or raw materials against which either necessary provision has been made in the Accounts or the amount has been written off.
13. The Company has accepted Deposits within the meaning of Companies (Acceptance of Deposits) Rules, 1975 amounting to Rs. 1098.12 lakhs.

No Comments

No Comments

No Comments

No Comments

No Comments

No Comments

No Comments. Action to complete the formalities is in process.

The Company also issued 13% non-convertible Secured Bonds redeemable at par and also 9% (tax-free) non-convertible Secured Bonds redeemable at par to Nationalised Banks and one of their subsidiaries amounting to Rs. 50.00 crores and Rs. 150.00 crores respectively at a total discount of Rs. 547.50 lakhs.

However, the Company could not execute the security within the year pending completion of necessary formalities. Pending completion of such formalities, the Company has shown the said Secured Bonds as "Unsecured loans" (to be secured by equitable mortgage of fixed assets of Northern Coalfields



## ADDENDUM TO DIRECTOR'S REPORT

Limited). The charge with the Registrar of Companies is yet to be created in this connection.

14. In our opinion and according to explanations given to us, the Company has maintained records for sale and disposal of scraps. However, there is scope for further improvement in this regard. No Comments

The Company during the year, has started selling by-products such as coal tar, CIL coke etc from Dankuni Coal Complex.

15. The Company has an internal audit Wing. Moreover, the Company avails the services of professional Firms in this regard. In our opinion, the same is commensurate with its size and nature of its business now. However, there is scope for further improvement. Noted
16. The maintenance of cost records under Section 209(I)(d) of the Companies Act, 1956, has not been prescribed by the Central Government. No Comments
17. According to records maintained by the Company, in our opinion, the Company is generally regular in depositing Provident Fund dues with the appropriate authority. No Comments
18. According to the explanations given to us by the Management, undisputed amount of Income Tax, Sales Tax, Customs or Excise Duty, were not outstanding as on 31.3.1990 for more than six months. No Comments
19. On the basis of selective checking, we did not observe any personal expenses being charged to Revenue Account. No Comments
20. According to the Management, this Company is not a sick Industrial Company within the meaning of Clause (O) of Sub-Section-(I) of Section-3 of the Sick Industrial Companies (Special Provisions) Act, 1985 (I of 1986). Hence, reference to the Board for Industrial and Financial Reconstruction under Section 15 of that Act is not applicable here. No Comments

FOR GUPTA & MITRA  
Chartered Accountants  
Sd.  
(S.S. DHAR)  
Partner

Calcutta :  
Dated the 12th September, 1990

# STATEMENT PURSUANT TO SECTION 217(2A) OF COMPANIES ACT, 1956

Read with the Companies (Particulars of Employees) Rules, 1975

Name	Designation	Remuneration	Qualification	Date of commencement of employment	Last employment held
(A) Employed throughout the Financial Year 1989-90					
Dr. M.P. Narayanan	Chairman	1,88,629	1st Class MMC of Competence DIM, Doctor of Letters, FBIM(London), FIE, FIMS (London), FIIE, Fellow of WAPS	15.11.88	N.L.C.
Shri Sinha K.A.	Director (T)	1,76,384	B.Sc.(Mining), 1st Class M.M.C.	22.5.86	CMPDIL
Shri Swaminathan B.	Director (F)	1,27,514	B.Sc.(Hons.) Mathematics, Master Dip. in Public Admn.	5.8.86	B.P.E.
Shri Abidi S.A.H.	Supdt. of Mines	89,762	B.Sc.(Mining) 1st Class	1.8.73	Takenover
Shri Agarwal S. K.	R.S.M.	80,943	Matric	1.8.73	Takenover
Shri Anand N.K.	R.S.M.	81,614	B.Sc. (Hons.), M.Sc., AISM	1.8.73	Takenover
Dr. Baruah B. K.	Medical Supdt.	91,198	M.B.B.S. DAMT	17.1.75	Takenover
Shri Badraika B.L.	Dy. F.M.	1,09,368	B.Com.	1.8.73	Takenover
Shri Basu A.R.	S.M.	96,145	B.E. (Mining) 1st Class	22.7.88	E.C.L.
Shri Basu S.C.	Dy. CME (Trg.)	90,837	B.E., 1st Class MMC	1.8.73	N.C.D.C.
Shri Bagchi P.K.	Dy. C.M.M.	1,08,764	I.Sc.Dip (M) 2nd MMC	1.8.73	Takenover
Shri Banerjee Hirak	Exec. Engg. (E & M)	1,01,841	I.Sc.Dip. in M.E.	20.8.84	E.C.L.
Shri Banerjee U.K.	S.E(E)	90,237	B.E. (Elect.)	1.8.73	Takenover
Shri Banerjee J.M.	Exc. Secy.	99,542	B.A.	1.5.73	Takenover
Shri Behl Susil	Dy. F.M.	75,608	M.Sc. MBA	13.4.82	W.C.L.
Shri Bhaskaran R.	Addl. CME	95,413	B.Sc. (Mining) 1st Class, MMC	1.8.73	Takenover
Shri Bhattacharyya B.K.	Addl. C.F.M.	1,08,626	M.Com., ACA	24.9.86	E.C.L.
Shri Bhattacharjee Divakar	Sr.Exe. Engr. (E & M)	81,906	B.E. (Elect.)	2.12.76	
Shri Bhattacharjee D.S.	Addl.C.F.M.	1,03,982	B.Sc., AICWA	22.9.83	B.C.C.L
Shri Bharadhaj R.C.	Dy. C.M.E.	94,543	B. Tech. 1st Class	1.8.73	Takenover
Shri Bhattacharjee P.S.	Dy. F.M.	76,604	M.Sc., C.A.S.	15.6.87	CMPDIL
Shri Bhattacharjee N.K.	Addl. C.S.M.	99,124	B.Sc (Mining), MMC	7.12.81	B.C.C.L.
Shri Bhattacharjee U.	Dy S.M.	75,544	B.Com.	Feb. 86	E.C.L.
Shri Bhat B.B.	S.E. (E & M)	98,532	B.Sc. Eng. (Elect), M.Sc. Engg.	21.10.88	C.C.L.
Shri Biswas A.	Dy. S.M.	73,844	B.Sc.	29.1.86	C.C.L.
Shri Biswas R.N.	Sr. Mining Engr.	82,910	B. Tech. (Mining)	7.10.76	
Shri Biswas Manabendra	Dy. S.M.	81,719	B.Sc.	1.4.75	Ex-Coal Board
Shri Bole C. N.	Dy C.S.M.	77,873	B.A., LL.B. Mining Survey Cert.	Jan., 73	W.C.L.
Shri Bora A.K.	Sr. Mining Engr.	82,780	B. Tech (Mining)	5.3.76	
Shri Boral M.C.	Dy. C.M.E.	96,047	B.E. (Mining)	1.8.73	Takenover
Shri Boral M.C.	Sr. Mgr. (GS)	1,16,307	I.Sc.	1.8.73	-do-
Dr. Borthakur A.C.	Dy. Medical Suptd.	81,756	M.B.B.S.	1.8.73	Takenover
Shri Bose A. K.	Secy.	79,198	M.A.	1.4.75	Ex-Coal Board
Shri Bose K.	S.M.	84,104	1st class MMC	22.6.88	E.C.L.
Shri Bose S.	Dy. CE(O)	80,886	B.Sc. (Chemical)	1972	SAIL
Shri Chacko V.I.	Secy.	99,283	B.A.	1.5.73	Takenover
Shri Chatterjee A.N.	Addl. C.F.M.	1,09,555	B.Com., AICWA	12.6.79	B.C.C.L
Shri Chakraborty K.C.	Dy. F.M.	83,157	B. Com, AICWA	1.6.82	C.C.L.
Shri Chakraborty U.	M. M.	76,762	B.E. (Elect.)	2.6.88	C.C.L.
Shri Chakraborty K. L.	Exe. Secy.	97,268	Matric	1.5.73	Takenover
Shri Chakraborty A. C.	Dy. C.E. (E&M)	1,07,950	I.Sc.Dip. in Mech. Engg.	26.4.88	E.C.L.
Shri Chakraborty J. K.	Dy. C.E. (Excv.)	1,06,692	Dip. in Elect. Engg.	21.7.87	S.E.C.L
Shri Chakraborty S. N.	Mgr. (GS)	1,06,056	M.A. Com (Part-I)	28.10.87	E.C.L.
Shri Chottopadhyay C.	Dy. C.E. (C)	87,569	B.E. (Civil), Dip. in Business Management	22.4.87	C.C.L.
Shri Choudhury B.B.	Eng. (E & M)	72,884	B.E. (E&M)	11.3.77	E.C.L.
Shri Choudhury G.	Sr. P.O.	83,806	Intermediate	Dec., 84	B.C.C.L.
Shri Choudhury J.C.	Dy. C.E. (E & M)	99,814	Dip. in Elect. Engg.	31.8.87	C.C.L.
Shri Das C.R.	C.G.M.	1,02,355	B.Sc. (Mining), 1st Class MMC	29.8.83	C.C.L.



# STATEMENT PURSUANT TO SECTION 217(2A) OF COMPANIES ACT, 1956

## Particulars of Employees (contd.)

Name	Designation	Remuneration	Qualification	Date of commencement of employment	Last employment held
Shri Das P.	Secy.	88,311	B. Com.	3.5.82	C.C.L.
Shri Das Bairagya J. G.	Addl. C.F.M.	91,498	M. Com., AICWA	1.8.73	Takenover
Shri Dasgupta J.P.	Dy. C.M.M.	1,00,457	B.Sc. (Mining) 2nd Class MMC	1.8.73	Takenover
Shri Dasgupta A.	F.M.	86,857	M.A., B.Ed. M.Com., AICWA, ACS, LLB.	7.11.74	ECL
Dr. Das U.C.	Medical Supdt. (Surgical)	88,045	M.B.B.S., M.S. (Surgery)	8.3.82	Fresh appointment
Shri De A.K.	Addl. C.P.M.	96,026	M.A. LLB. DSW, MBA, DPM (Lond.)	17.11.86	E.C.L.
Shri De A.K.	C.G.M.	88,467	B.Sc.B.M.E. MIE (London)	5.10.88	F.C.I., Sindri
Shri De I. K.	Sr. F.O.	87,918	B. Com., ICWA (Inter)	2.5.88	B.C.C.L.
Shri De J. L.	A.O.	77,561	B. Com.	4.10.57	N.C.D.C.
Shri Dev B.	C.M.E.	88,070	Dip. (Mining) 1st Class MMC	5.3.84	C.C.L.
Shri Dey B.P.	Dy. C.M.E.	1,09,365	Dip. in Mining Engg., 1st Class MMC	26.5.86	C.C.L.
Shri Dey C. K.	Dy. F.M.	75,809	B.Com. (Hons.) A.C.A.	17.5.82	B.C.C.L.
Shri Dey D.	Dy. F.M.	93,171	B.Com.	1.8.73	Takenover
Shri Dhadwal G.D.	Dy. S.M.	75,668	B.A., LL B.	16.1.89	-do-
Shri Dhar R. L.	C.P.M.	74,585	B.A. PG Dip. in Social Service	11.12.85	W.C.L.
Shri Dutta Panchanan	Sr. A.O.	78,620	B.Com., ICWA	10.10.73	Ex. N.C.D.C.
Shri Ganapati A.R.	Addl. C.F.M.	1,19,968	ACMA(U.K.), ICWA(London)	13.9.76	Fresh appointment
Shri Ghosh A.K.	Dy. F.M.	75,603	CAS	1.7.78	B.C.C.L.
Shri Ghosh N.	Dy. F.M.	88,146	B.Com., AICWA	June, 83	W.C.L.
Shri Ghosh J.K.	Dy. C.P.M.	92,886		Dec., 88	
Shri Ghosh R.P.	Dy. F.M.	83,364	B.Sc. B.A., LL. B, AICWA	1.5.73	Takenover
Shri Ghosh Nirmalendu	Dy. S.M.	92,701	B.Sc. (Hons)	1.4.75	Ex-Coal Board
Shri Ghosh Siddhartha	Dy. C.T.M.	73,395	M.Sc., P.G.Dip in Ind Mgt.BL	1.7.81	Fresh appointment
Shri Ghosh S.C.	Sr. E.E.(Elect.)	80,613	B.E.(Elect.)	24.4.74	E.C.L.
Shri Ghosh S.K.	Dy. C.E.	96,590	B.Tech(C)	6.11.87	CMPDIL
Shri Gohain M.K.	Personnel Manager	86,982	B.A., Dip. in Social Science	1.8.73	Takenover
Shri Goswami Tarun	C.L.M.	1,05,976	BA, LL B, Attorney in Law	15.1.88	Fresh appointment
Shri Gonsai J.G.	RSM	79,309	B.Sc., M.M.C.	1.8.73	Takenover
Shri Goswami K.B.	G.M.(Safety)	1,08,289	B.Sc. (Mining) 1st Class MMC	21.4.86	W.C.L.
Shri Gulati A.K.	C.G.M.	99,119	B.Sc., M.Tech. 1st Class	10.6.86	C.C.L.
Shri Gujrati G.D.	Dy. C.E.	90,067	B.Sc. (Engg.)	21.4.86	W.C.L.
Shri Hamid Q.S.	Stat. Mgr.	97,688	M.Sc.	1.11.75	C.C.L.
Shri Hossain A.E.	Dy. CME	91,592	BE(M), 1st Class MMC	23.8.86	W.C.L.
(B) Wadood					
Shri Ichhprani A.S.	R.S.M.	78,034	B.Sc. (Mining), 1st Class MMC	Jan., 63	Ex-N.C.D.C.
Shri Jain K.K.	Addl. C.S.M.	99,019	M.Com. LL B	Oct. 83	E.C.L.
Shri Jain S.L.	Sr. P.O.	87,394	Matric	1.5.73	Takenover
Shri Jha G.K.	C.M.M.	98,749	B.E. (Elect.)	2.1.89	W.C.L.
Shri Joshi N.K.	Sr. S.O.	79,284	Inter, Arts	1.5.73	Takenover
Shri Ghosh M.M.	Dy. S.M.	86,253	B.Sc., B.A. (Hons)	19.7.85	E.C.L.
Shri Gupta S. K.	R.S.M.	92,228	I.Sc., Dip. in Mining	26.5.88	B.C.C.L.
Dr. Kar H.G.	Dy. Medical Supdt.	86,673	1st class MMC		
Shri Kejriwal G.C.	Dy. S.M.	79,784	M.B.B.S.	1.8.73	Takenover
Shri Kochumman Philip	R.S.M.	1,29,836	B.Com.	2.5.88	C.C.L.
Shri Krishnan R.M.	Exe. Secy.	86,276	B.Com.	1.5.73	Takenover
Shri Kumar Arvind	S.O.M.	96,091	B.Com.	1.5.73	-do-
Shri Kumar K.K.	Dy. F.M.	73,699	B.Sc.(Mining) 1st Class	1.8.73	C.C.L.
Shri Kumar R.	Dy. F.M.	1,00,854	B.A., CAS	23.8.74	B.C.C.L.
Shri Kunhiraman C.	Sr. Exe. Secy.	93,505	B.Com. ICWA(Int.) C.A.S.	3.5.82	B.C.C.L.
Shri Kundu N.G.	Dy. CME	1,07,299	B.Com.	1.5.73	Takenover
Shri Loomba S.S.	Dy. CME	89,658	B.Sc.(M), AISM, MMC	7.12.81	E.C.L.
Shri Majumdar M.S.	Sr. F.O.	79,739	B.A., BE(Elect.)	3.3.89	E.C.L.
Shri Majumdar P.B.	Dy. C.M.M.	1,07,235	B.Com.	3.5.82	B.C.C.L.
Shri Malhotra R.S.	S.O.M.	73,335	B.E.(Elect.), 1st Class, MMC	4.11.85	C.C.L.
Shri Mallick D	G.M.(Sales)	89,205	M.Tech.(Mining)	18.4.88	CMPDIL
Shri Mehta A'S.	Addl. C.S.M.	1,08,752	B.A. (Hons.)	15.5.88	N.C.L.
Shri Mehta Asoke	Addl. C.E.	80,340	M.Sc. (Geology)	4.4.88	B.C.C.L.
			B.Sc.(M), 1st Class, MMC	6.10.86	B.C.C.L.



## STATEMENT PURSUANT TO SECTION 217(2A) OF COMPANIES ACT, 1956

### Particulars of Employees (contd.)

Name	Designation	Remuneration	Qualification	Date of commencement of employment	Last employment held
Shri Menon C.S.	Exe.Secy.	85,842	S.S.L.C.	1.5.73	Takenover
Shri Menon K.T.P.	S.E.(Exc.v.)	90,535	B.Sc., Dip. in M.E.	June, 85	
Shri Mishra S.K.	Sr. A.O.	75,511	B.Com., AICWA	1.5.73	Takenover
Shri Mishra B.C.	G.M.	1,05,732	B.Sc.(M), 1st Class, MMC	12.10.87	CMPDIL
Shri Mitra P.K.	Dy. C.E.(M)	80,886	B.Tech.(Mech.)	8.11.82	Fresh appointment
Shri Mitra S.K.	C.O.T.	93,363	M.Tech	23.4.86	S A I L
Shri Moulik A.B.	Dy. F.M.	77,927	B.Sc., AICWA	26.9.88	CMPDIL
Shri Moulik G.S.	S.CME	86,175	B.Tech(M), 1st Class MMC	30.10.87	CCL
Shri Moitra G.K.	S.M.	99,854	B.Sc.(P), Admn. Fnes, Tech.	1.4.75	Ex.-Coal Board
Shri Monoharan P.S.	Addl. Legal Mgr.	1,10,179	M.Com, LL B, Dip. in Pub. Admn.	5.12.80	B C C L
Shri Mukherjee Anjan	Dy. M.M.	81,997	B.E.(Mech.)	2.3.84	C.C.L.
Shri Mukherjee B.K.	S.O.M.	1,05,008	1st Class MMC	12.1.87	E.C.L.
Shri Mukherjee D.K.	Supdt. Engg. (E&M)	88,315	Dip. in Mech. Engg.	2.3.84	C.C.L.
Shri Murthy A.S.R.	Addl. C.E.	80,234	I.Sc., 2nd Class MMC	6.5.85	C.C.L.
Shri Mukherjee Jyotirmoy	Dy. S.M.	93,396	I.Sc.(Int.) in Face, Tech	1.5.75	Ex-Coal Board
Shri Mukherjee K.C.	Dy. C.P.M.	1,01,563	B.Sc., D.S.M.	22.4.81	B.C.C.L.
Shri Mukherjee M.	Dy. F.M.	97,969	M.Com, AICWA	1.5.73	Takenover
Shri Mukhopadhyaya P.S.	Sr. Exe(T.C.)	81,637	B.E(Electronics)	21.2.86	CMPDIL
Shri Mukherjee Santanu	E.E.(c)	76,462	B.E (Civil)	16.7.82	B C C L
Shri Mukherjee	Stat. Mgr.	98,444	M.Sc. (Stst)	21.4.82	E C L
Sulabh Kr.					
Shri Mukherjee U.N.	S.E(c)	81,220	B.E.(Civil) Dip. in MBA	1978	Alkins Das (P)Ltd.
Shri Nair K.K.A.	Secy.	97,088	B.Com, LL B	1.5.73	Takenover
Shri Nandi S.N.	Addl. CME	1,12,308	1st Class MMC	23.12.82	N C L
Shri Natarajan A.	C.G.M.	87,610	B.E., P.G.D.I.E	21.3.89	N L C
Shri Narayan K.D.L.	Sales Manager	83,111	B.A., 1st Class in Advance Fuel Technology	1.6.86	
Shri Nandi Nibarendu	Dy. F.M.	85,555	B.E., AICWA	2.9.88	E.C.L
Shri Neogy B.C.	Dy. C.F.M.	89,502	M.Com., AICWA	18.9.80	C C L
Shri Pal D.K.	Secy.	75,729	B.A.	17.4.78	C C L
Shri Palit S.K.	S.E.(E&M)	80,721	B.E.(Elect)	21.9.78	Fresh apptt.
Shri Pamar S.S.	Dy. G.M.	93,537	B.Sc.(Mining) S.V.O.Cart, 1st Class	1.8.73	Takenover
Shri Pradhan G.C.	Jr. Pilot	76,888	B.A. Gradu. from Govt. Aviation	2.9.88	Fresh Apptt.
			Trang. Inst. COMM Pilot No. 1137		
Shri Prasad B.	Dy. C.M.E.	95,257	B.Sc. (Mining) 1st Class	1.8.73	Takenover
Dr. Rahman S.A.	Dy. Medical Supdt.	84,219	M.B.B.S., CPMR	3.4.74	Fresh Apptt.
Shri Ram P.K.	Dy. F.M.	88,486	B.Com, CAS	31.7.81	C C L
Shri Ramchandran G.S.	Dy. P.M.	97,891	B.A.(Hons)	23.10.73	Fresh Apptt.
Shri Ramarao P.K.	Dy. Chief Engr. (E&M)	90,346	B.Sc., B.Tech.	1.8.73	Takenover
Shri Ramasubramaniam V.R.	S.M.	1,16,306	M.Sc. (Chemistry)	1.2.88	E C L
Shri Roy S.K.	Dy. P.M.	82,408	M.A.S(Master degree in Applied Sociology)	May '82	E.C.L.
Shri Rai Dilip	Supdt. Engr.	88,132	B.E.(Civil)	27.4.82	CMPDIL
Shri Rao D.R.K.	Dy. P.M.	1,04,665	M.A.	18.9.87	E C L
Shri Roy Adip Nath	Dy. Sys. Mgr.	83,998	B.E.(Elect.)	15.1.88	Fresh Apptt.
Shri Roy Amit Kumar	Sr. E.E.	92,604	B.E.	4.6.86	C.C.L.
Shri Roy Arijit	S.O.M.	79,928	B.E.(Mining)	17.2.73	Fresh Apptt.
Shri Roy A.K.	Dy. C.P.M.	97,186	B.A. LL B,WBCS(R)	1.9.82	Govt. W.B.
Dr. Roy M.B.	Dy. Medical Supdt.	86,567	M.B.B.S.	1.8.73	Takenover
Shri Roy P.C.	Dy. F.M.	84,345	B.Sc.	22.4.82	B.C.C.L.
Shri Saha A.	Survey Officer	85,643	B.Sc., Dip. in Surveying	15.5.87	C C C
Shri Sur Roy A.K.	Dy. F.M.	78,780	B.Com., CAS	21.8.73	C C L
Shri Saha Sanjib Kr.	Dy. CME	89,324	B.Sc.(M), 1st Class in MMC	8.11.85	C C L
Shri Sarkar S.K.	Supt. of Mines	95,473	B.Sc (Mining)AISM(M), N.Eng.	1.8.73	Takenover
Shri Sarkar Hirak	Dy. C.E.	73,319	B.E.(C), M.Tech(C)	19.12.85	CMPDIL
Shri Sarkar P.K.	Sr. S.E.(E&M)	85,435	B.E (Mech)	1.9.82	C C L
Shri Samanta B.N.	Dy. P.M.	80,499	M.A., D.S.W.	2.6.87	E.C.L.
Shri Sarkar T.K.	Sr. P.O.	72,923	B.A.DAW	4.5.88	B C C L
Shri Sarkar G.C.	Addl. CME	99,944	B.Sc (M), AISM, MMC	23.2.82	ECL
Shri Sharma M.S.	Secy.	83,091	S S L S	1.5.73	Takenover



# STATEMENT PURSUANT TO SECTION 217(2A) OF COMPANIES ACT, 1956

## Particulars of Employees (contd.)

Name	Designation	Remuneration	Qualification	Date of commencement of employment	Last employment held
Shri Sharma R.	C.M.M.	79,780	B.E. (Mech)	28.2.88	S E C L
Shri Sen Anjan	S.E.	1,00,007	M.E.(E&M)	10.3.83	B C C L
Shri Sen A.R.	Addl. C.M.E	1,01,068	B.Sc. (M) 1st Class MMC	15.2.82	C C L
Shri Sen Arun Kumar	Addl. C.M.E.	1,21,792	B.Sc. (M) 1st Class MMC	16.4.82	CMPDIL
Dr. Sen B.B.	Supdt. Engr.	91,915	B.E(Elect.)M.E. (Elect).		
			Ph.D.Engg.	18.12.87	CMPDIL
Shri Sengupta C. R	Engg.(E&M)	80,047	S.F.,LME	9.12.77	C C L
Shri Sengupta D.	GM	95,023	Ph.D.1st Class	1.4.82	CMPDIL
Shri Sengupta P.P.	M.M.	74,393	B.E(Hons)(Mech), M.B.A.		
			Dip in Syst. Analysis	12.9.89	C C L
Smt. Sen Roy P.	Dy. C.F.M.	93,939	B.Com., A.C.A.	25.2.74	Fresh Apptt.
Shri Sethi N N	G.M.	93,914	M.Com.	3.6.86	S A I L
Shri Singh Harendra Kr.	S.O.M.	88,934	B.Sc., C.M. 1st Class MMC	2.7.84	B C C L
Shri Singh R.G.	G.M. (P)	87,659	B.A., M.A. in Sociology	13.4.88	B C C L
Shri Singh V.N.	S.O.M	88,897	B.Sc., Dip in Mining 1st Class	1.8.73	Takenover
Shri Sinha Chowdhury Milan	Sr. S.O.	85,233	B.Sc. Surveyer's Certificate	16.4.74	Ex-N.C.D.C.
Shri Sengupta N.G.	Sr. E.E.(E&M)	79,478	Dip. in Elect. Engg., MMC	4.3.87	B C C L
Shri Sinha N R	Dy. CFM	86,693	B.Com, AICWA	16.6.88	C C L
Shri Sinha R.N.	Dy. CMS	1,00,241	M.Sc. (Stat)	25.6.73	C C L
Shri Sanyal S.K.	Addl. C.F.M.	1,03,095	AICWA	1.9.80	B C C L
Shri Sur N C	S.O.M.	89,072	B.Sc. 1st Class	1.8.73	Takenover
Shri Swamy J.S.K.	Dy. CPM	1,16,524	M.A., L.S.W.	1.5.73	CCL
Shri Thakuria A.C.	Sr. Mining Engg.	84,533	B.Sc. (Mining) 1st Class	31.8.74	Fresh Apptt.
Shri Tewari K K	S.O.M	90,367	B.Sc. (Mining) 1st Class	1.8.73	Takenover
Shri Verma A.K.	Supdt. Geologist	82,147	M.Sc. (Geo)	12.12.74	C C L
Shri Verma G.P.	M.M.	83,781	B.Sc.	24.4.85	B.C.C.L.
Shri Vegad D.R.	Co-ord. Officer	83,057	Matric	1.5.73	Takenover
(B) Employed for part of the Year 1989-90					
Shri Basu C.P.	Dy. C.F.M.	95,799	B.Sc., AICWA	10.5.89	S.E.C.L.
Shri Basu Dr. C.K.	Dy. C. Med. Supdt.	43,026	B.Sc., M.B.B.S.	25.9.89	C.C.L.
Shri Banerjee Samiran	Dy. C. M.E.	13,856	B.E (Mining),F.C.C.	18.1.90	E C L
Shri Bhargava J.	Dy. CPRM	30,033	B.Sc., Dip. in Journalism	1.8.77	W C L
Shri Brahma A.V.	Director(P)	1,34,859	B.Sc., AISM 1st class MMC	2.7.86	B C C L
Shri Biswas P.C.	C.G.M(P)	55,267	B.Sc., (Mining) 1st class	18.9.89	N C L
Shri Biswas R.D.	C.G.M.(P)	61,506	1st class Mining Engg., AISM	25.11.85	E C L
Shri Chakraborty S.K.	Sr. M.E.	56,124	1st class Mining Engg.	3.7.89	E C L
Shri Chatterjee S.K.	Exe.Dir. (Vig).	74,188	B.A.(Hons), I.P.S	29.6.89	Govt. of Orissa
Shri Chatterjee A.N.	P.M.	69,616	B.A., BL, DSW	13.11.87	E C L
Shri Chattopadhyaya S.K.	Dy. C.S.M.	76,762	M.A., LL. B, MBA, FNMFS	10.11.89	B.C.C.L.
Shri Chattopadhyaya G.	C.E. (Exev)	7,326	B.E(Mech)	26.2.90	E C L
Shri Deb T.K.	C.G.M.	34,383	B.Sc., (Mining) 1st class, MMC	11.11.75	C C L
Shri Dharam B.	C.G.M. (C)	40,121	B.Sc. (M) AISM,	4.5.89	B C C L
			Surveyer's Certificate		
Shri Dikshit B.N.	C.G.M. (Exv)	54,253	B.E(Mech)	5.9.89	N C L
Shri Ghosh H.R.	Dy. CME	13,351	1st Class MMC	1.1.88	S E C L
Shri Ghosh P.K.	Dy. C E (C)	19,764	L.C.E, B.C.E	1.8.73	Takenover
Shri Ghosh P N	A.CO.V	48,522	1st Class MMC	6.2.86	W C L
Shri Ghosh Prof. Sudeep	G.M.	45,112	M.B.A., Fellow(IIMC)	15.9.89	Professor at Inst. of Rural Management, Anand.
Shri Ghosh S.K.	G.M.(Admn.)	72,492	M.A (Oxford)	8.6.89	Fresh Apptt.
Shri Gupta M.L.	Dy. S.M.	89,140	B.Sc., M.B.A.	20.9.76	W C L
Shri Jamaludden Md.	G.M(MP&JR)	33,294	M.A.(Sociology)	Nov. '89	C C L
Shri Kanungo R.	C.G.M.	32,829	LL. B, MBA	7.5.86	MMTC
Shri Koley S.M.	C.G.M.	83,174	1st Class Mining	10.7.89	WCL
Shri Majumdar S.	Dy.C.E.(E&M)	14,880	I.Sc., Dip. in Mech. Engg.	15.9.79	C C L
Shri Mishra J.P.	S.M.	24,341		Dec. '89	C C L
Shri Mitra Anupam	C.O.F.	8,153	B.Com., FCA	29.6.87	CMPDIL
Shri Mitra S.R.	Dy.S.M.	85,708	B.Sc., SFT(A) GFT	1.4.75	Ex-Coal Board



# STATEMENT PURSUANT TO SECTION 217(2A) OF COMPANIES ACT, 1956

## Particulars of Employees (contd.)

Name	Designation	Remuneration	Qualification	Date of commencement of employment	Last employment held
Shri Mitra A.K.	Dy. C.E.	63,108	B.E. (Mech)	10.7.89	B C C L
Shri Murthy ASR	Addl. C.E. Civil	38,867	I.Sc., 2nd Class MMC	6.5.85	C C L
Shri Mukherjee P.K.	Sr.P.O.	65,284	B.Sc.	1.5.73	Takenover
Shri Nath K	Dy. CFM	72,533	B.Com., AICWA	21.6.89	N C L
Shri Nand Kuolyar K C	G.M.	45,051	M.A. Sociology	17.9.87	W C L
Shri Nirula N.C.	G.M.(E.E)	32,689	B.Tech(M)	27.7.87	S.E.C.L
Shri Paul B.M.	O.S.D.	52,761	Matric	1.5.73	Takenover
Shri Pathak S N	Dy. CFM	13,406	B.Com., FICWA	24.1.90	B C C L
Shri Ram R	Addl. COV	77,389	B.Sc.(Mining), AISM	17.5.89	C C L
Shri Rao S.V.R.	G.M. (F)	75,200	M.Com., AICWA	3.5.89	B C C L
Shri Roy R. K.	G.M.(Prod)	70,826	B.Sc.(Hons)Mining, AISM, F.C.C.	19.6.89	W C L
Shri Sahgal H.G.	C.S.M.	26,235	1st class B.Tech(M)	3.4.74	Fresh Apptt.
Shri Sarkar B.N.	C.G.M.	84,112	B.Sc.(Mining), 1st class	5.5.89	B C C L
Shri Sharma Vinoda K	Dy. CLM	24,890			
Shri Sharma S.M.		60,017	B.Sc(Mining), AISM(Mins) 1st class Colliery Manager Certificate	29.8.89	E C L
Shri Sharma I.R.	Add. C.E (O)	59,190	B.Tech(Chemical)	3.5.88	S A I L
Shri Sharma K B	Dy. CPM	86,770	B.Sc.MSW	30.12.76	W C L
Shri Sinha B.B.	Sales Mgr.	94,344	B.Sc.(Fuel Tech)	1.4.75	Ex-Coal Board
Shri Singh Deobrat	C.S.M.	7,415	AISM, 1st class, MMC	29.12.87	B C C L
Shri Singh D	R S M	6,685	B.A.	March, 90	C C L
Shri Singh V.K.	G.M.	12,993	B.A.(H) Dip-in Ph Edu.	13.4.87	E C L
Shri Singh A.D.	G.M.(MP&IR)	47,341	M.A(S)	20.12.87	W C L
Shri Sinha Dr. R.K.	Dy. C M O	39,503	M.B.B.S.	24.8.87	C C L
Shri Srinivasan R	C.G.M(F)	74,147	AICWA	1.6.89	B C C L
Suryanarayana U.	Company Secretary	67,598	B.Com., LL. B., MBA, F.C.S., P.G.Dip. in Personnel Management	11.5.89	S E C L
Shri Sen Amarjit	S M	25,288	M.Sc. (Geology)	1.4.79	Ex-Coal Board