

NORTHERN COALFIELDS LIMITED

(A Subsidiary of Coal India Limited)

CONTENTS

1. Vision & Mission of NCL.	2
2. Board of Directors	3
3. Bankers & Auditors	6
4. Notice	9
5. Important Financial Information and Operational Statistics	22
6. Chairman's Statement	28
7. Balance Sheet as at 31 st March, 2017	34
8. Statement of Profit & Loss Account for the year ended 31 st March, 2017	36
9. Cash flow statement for the year ended 31 st March, 2017	37
10. Statement of Audited Results of Quarter and year ended 31 st March, 2017.	38
11. Statement of Assets and Liabilities.	39
12. Statement of changes in Equities.	41
13. Notes 1 and 2 (Corporate Information and Significant Accounting Policy)	42
14. Notes (3 to 23) to Balance Sheet	60
15. Notes (24 to 37) to Profit & Loss Account	80
16. Additional Note (38) to Financial Statements	88
17. Independent Auditors Report	113
18. Comments of Comptroller and Auditor General of India u/s 143 of Companies Act, 2013.	114
19. Directors' Report	115
20. Annexures to the Directors Report:	
I- Management Discussion and Analysis Report	174
II- Conservation of Energy, Technology Absorption and Foreign Exchange Earnings & Outgo.	179
III- Corporate Governance certificate	182
IV- Secretarial Audit Report – MR-3	183
V- Extract of Annual Return (MGT-9)	186
VI- Annual Report of CSR	195
VII- Profile of Directors.	207
VIII- CEO and CFO certification	211
IX- Contracts or Arrangements with related parties U/s 188(1).	212
X- Information and details of Remuneration etc. of Managerial Personnel.	213
XI- Independent Auditors' Report and Management Replies thereto	214



VISION



To emerge from the position of domestic leader to leading global player in the energy sector by adopting best practices from mine to market with due care to environmental and social sustenance.

MISSION

To produce planned quantity of coal efficiently and economically in an eco-friendly manner with due regard to Safety, Conservation and Quality.



The Board

(As on 26.05.2017)



Shri T. K. Nag
Chairman-cum-Managing Director

PART-TIME OFFICIAL DIRECTORS



Shri R. K. Sinha



Shri S. N. Prasad

PART-TIME NON OFFICIAL DIRECTORS



Prof. A. K. Agrawal



Dr. S.M. Jharwal



Shri S.K. Maheshwari

PERMANENT INVITEES



Shri S.K. Jha



Shri K. K. Sharma

FUNCTIONAL DIRECTORS



Ms. Shantilata Sahu
Director (Personnel)



Shri G. Pandey
Director (Tech)/Opns



Shri P. S. R. K. Sastry
Director (Finance)



Shri J. L. Singh
Director(T/P&P)



Shri P. Lazar, Company Secretary

NORTHERN COALFIELDS LIMITED

(A subsidiary of Coal India Limited)

CIN- U10102MP1985GOI003160

Board of Directors

(As on 26.05.2017)

Chairman-cum-Managing Director

Shri Tapas Kumar Nag

Functional Director

Ms. Shantilata Sahu	-	Director (Personnel)
Shri Gunadhar Pandey	-	Director (Technical/Operations)
Shri P.S.R.K. Sastry	-	Director (Finance) and CFO.
Shri J. L. Singh	-	Director (Technical/Project & Planning)

Part-time Official Directors

Shri Rajesh Kumar Sinha	-	Joint Secretary, Ministry of Coal, New Delhi.
Shri S. N. Prasad	-	Director (Marketing), CIL.

Part-time Non Official Directors

Shri S. K. Maheshwari	-	Director
Prof. A. K. Agrawal	-	Director
Dr. S. M. Jharwal	-	Director

Permanent Invitees

Shri K.K. Sharma	-	Director (Operations), NTPC, Delhi.
Shri Salil Kumar Jha	-	Chief Operations Manager, EC Railways, Hazipur (Bihar) (w.e.f. 11.04.2017).

Company Secretary

Shri P. Lazar

NORTHERN COALFIELDS LIMITED

(A subsidiary of Coal India Limited)

Board of Directors

(During the year 2016-17)

Chairman-cum-Managing Director

Shri Tapas Kumar Nag - Whole Year

Functional Directors

Ms. Shantilata Sahu - Personnel (Whole Year)

Shri Gunadhar Pandey - Technical (Whole Year)

Shri P.S.R.K. Sastry - Finance/ CFO (Whole Year)

Shri J.L. Singh - Technical (Whole Year)

Part-time Official Directors

Shri R.K. Sinha - Joint Secretary, Ministry of Coal,
New Delhi (Whole Year)

Shri S.N. Prasad - Director (Marketing), Coal India Ltd.,
Kolkata (Whole Year)

Part-time Non-Official Directors

Prof. A.K. Agrawal - Director (whole Year)

Shri S.K. Maheshwari - Director (whole Year)

Shri S.M. Jharwal - Director (w.e.f. 02.02.2017)

Permanent Invitees

Shri C.P.Rai - Addl. Principal Chief Conservator of
Forest (LM), Govt. of M.P, Bhopal. (upto 24.08.2016)

Shri S.K.Mandal - Addl. Principal Chief Conservator of
Forest (LM), Govt. of M.P, Bhopal. (w.e.f. 24.08.2016)

Shri K.K. Sharma - Director (Operations), NTPC, Delhi.

Shri B.D.Roy - Chief Oprns Manager, EC Railways,
Hazipur (Bihar) (upto 31.01.2017).

Company Secretary

Shri P. Lazar - (Whole Year)

NORTHERN COALFIELDS LIMITED

(During the year 2016-17)

Bankers

Bank of Maharashtra, Kolkata
Andhra Bank, Kolkata
UCO Bank, Kolkata
United Bank of India, Kolkata
Corporation Bank, Kolkata
Allahabad Bank, Morwa
Union Bank of India, Morwa
Oriental Bank of Commerce, Kolkata
I D B I Bank, Kolkata
Canara Bank, Kolkata
Bank of India, Kolkata
Bank of Baroda, Kolkata
Punjab National Bank, Kolkata
Syndicate Bank, Singrauli
ICICI Bank, Kolkata
State Bank of India, Morwa
Axis Bank, Singrauli
ICICI Bank, Singrauli

NORTHERN COALFIELDS LIMITED

Auditors

Statutory Auditors

M/s. P.L. Tandon & Co.,
Chartered Accountants, Kanpur (U.P.)

Branch Auditor

M/s. B. C. P. Jain & Co.
Chartered Accountants, Bhopal
(M.P.)

Branch Auditor

M/s. Vinay Kumar & Co.
Chartered Accountants, Allahabad
(UP)

Cost Auditors

M/s K.G. Goyal & Co, (RN 000017)8,
Chitrangupta Nagar, Imlji Phatak,
Jaipur (Rajasthan)-302015

Branch Auditor

M/s Yogesh Chaurasiya, (RN 000271)
R-73, Zone-II, Maharana Pratap Nagar,
Bhopal (MP) 462011

Branch Auditor

M/s R.M. Bansal & Co. (RN 000022)
A-201, Twin Tower,
Lakhanpur, Kanpur (UP) – 208024

Secretarial Auditor

Shri Krupesh Mankodi,
Practising Company Secretary,
A-2, Sneh Vihar Flats, 130,
Napier town, Jabalpur (MP)

Registered Office

P. O. Singrauli Colliery

Distt. Singrauli (M.P.) – 486 889

CIN- U10102MP1985GOI003160

Website- nclcil.in

E-mail ID cs.ncl@coalindia.in

Phone No.07805 266670, 266392



NORTHERN COALFIELDS LIMITED

NOTICE

32nd ANNUAL GENERAL MEETING

No.NCL/Board/13(AGM)/2017-18/263

28th June, 2017

To

1. M/s. Coal India Ltd., Member, NCL, Coal Bhawan, New Town, Rajarhat, Kolkata- 700 156.
2. Shri S. Bhattacharya, Chairman, Coal India Ltd., Member, NCL, Coal Bhawan, New Town, Rajarhat, Kolkata- 700 156.
3. Shri S. N. Prasad, Director (Marketing), Coal India Ltd., Member, NCL, Coal Bhawan, New Town, Rajarhat, Kolkata- 700 156.
4. Shri T.K. Nag, Chairman-cum-Managing Director, Member, NCL, Singrauli (MP).
5. All Directors/Permanent Invitees, NCL Board/Chairman, Audit Committee, NCL.
6. M/s P.L. Tandon & Co., Chartered Accountants, Statutory Auditors, NCL, West Cott Building, Mahatma Gandhi Road, P.O. Box No. 113, Kanpur – 208 001 (UP).
7. M/s K.G. Goyal & Co, (RN 000017), 8, Chitrangupta Nagar, I, Imli Phatak, Jaipur (Rajasthan)-302015.
8. Shri Krupesh Mankodi, Practising Company Secretary, Secretarial Auditor, NCL, A-2, Sneh Vihar Flats, 130, Napier town, Jabalpur (MP).

Notice is hereby given that the **Thirty second** Annual General Meeting of the Members of Northern Coalfields Limited will be held at **10:30 A.M. on Wednesday, the 5th July, 2017 at the Registered Office of the Company at CMD's Chamber at NCL HQ, P.O.Singrauli Colliery, Distt. Singrauli (M.P.)-486889** to transact the following business:-

Ordinary Business :

1. To consider and adopt the Audited Financial Statements of the Company for the financial year ended March 31, 2017 including the Audited Balance Sheet as at March 31, 2017 and Statement of Profit and Loss for the year ended on that date and the Reports of Board of Directors, Statutory Auditor and Comptroller and Auditor General of India thereon.
2. To confirm the payment of three interim dividends paid on equity shares for the Financial year 2016-17 as final dividend for the year 2016-17.
3. To appoint a Director in place of Shri P.S.R.K. Sastry, who retires by rotation in terms of Section 152(6) of the Companies Act 2013 and being eligible, offers himself for re-appointment.
4. To appoint a Director in place of Shri J. L. Singh, who retires by rotation in terms of Section 152(6) of the Companies Act 2013 and being eligible, offers himself for re-appointment.

Special Business:

5. Ratification of Remuneration of the Cost Auditors for the Financial Year 2016-17

To consider and if thought fit to pass, with or without modifications, the following as an ordinary resolution –

“RESOLVED THAT pursuant to the provisions of Section 148(3) of the Companies Act, 2013 read with Rule 14 of the Companies (Audit and Auditors) Rules, 2014 (Including any other statutory modification(s) or re-enactment thereof for the time being in force) the remuneration of Cost Auditors for the Financial Year 2016-17 as recommended by the Audit Committee in its 82nd meeting and approved by the Board of Directors of Northern Coalfields Ltd vide Item no. 207/C-5 in its 207th Meeting held on 02/09/2016 at Singrauli, as detailed below, be and is hereby ratified:-





ANNUAL REPORT 2016-17

Sl.	Name of cost audit firm	Status	Projects/units no.	Cost Audit fees	TA & Out of Pocket Expenses	Reimbursement of Service tax
1	M/s K.G. Goyal & Co, Indore	Central Cost Auditor	Jhingurda, Dudhichua, Amlori Block-B, Nehru Shatabdi Chikitsalay-Jnt and HQ units (including NCL desk office, Kolkata)	Rs. 2,76,856.00	At actual subject to the limit of 50% of audit fees.	At actual
2	M/s Yogesh Chaurasia & Co., Bhopal	Branch Cost Auditor	Jayant (including Central fire station), Nigahi, Central Workshop and Central Monitoring Cell.	Rs. 1,01,514.00	At actual subject to the limit of 50% of audit fees.	At actual
3	M/s R.M.Bansal & Co, Mumbai	Branch Cost Auditor	Bina, Krishnashila, Bina Extension, Kakri, Khadia (including IWSS).	Rs. 1,01,514.00	At actual subject to the limit of 50% of audit fees.	At actual

By Order of the Board of Directors
Sd/-
(P Lazar)
Company Secretary

Registered Office :

**PO. Singrauli Colliery,
Dist. Singrauli (MP) 486 889**

Note :

1. A member entitled to attend and vote at the meeting is also entitled to appoint a proxy or proxies to attend and vote instead of himself/herself and proxy need not be a member of the Company. In order to be effective, the Proxy form duly completed should be deposited at the registered office of the Company not less than forty-eight hours before the scheduled time of the Annual General Meeting.
2. Members are also requested to accord their consent for convening the meeting at a shorter Notice under section 101 of the Companies Act, 2013.
3. Pursuant to the provision of Section 171(1)(b) and 189(4) of the companies Act, 2013, the registers required to be kept open for inspection at every Annual General Meeting of the company, shall be accessible during the continuance of the meeting to any person having the right to attend the meeting.
4. Route map to the venue of the meeting is enclosed as Annexure-A.

Copy to :

1. Company Secretary, Coal India Ltd., Coal Bhawan, New Town, Rajarhat, Kolkata- 700 156.
2. GM(Fin)/Inch., NCL, Singrauli.
3. Chief of Internal Audit, NCL, Singrauli
4. GM(System), NCL, Singrauli – with a request to upload the notice of AGM on NCL’s Website.

EXPLANATORY STATEMENT PURSUANT TO SECTION 102(1) OF THE COMPANIES ACT, 2013

Item No. 5 : Ratification of Remuneration of the Cost Auditors for the F/Y 2016-17

Section 148(3) of the Companies Act, 2013 read with Rule 14 (a)(ii) of the Companies (Audit and Auditors) Rules, 2014 dealing with remuneration of Cost Auditors, requires that the remuneration recommended by the Audit Committee shall be considered and approved by the Board of Directors and ratified subsequently by the shareholders.

The remuneration of the Cost auditors appointed for the Financial Year 2016-17 had been recommended by the Audit Committee in its 82nd meeting and subsequently was approved by the Board of Directors of the Company vide Item no. 207/C-5 in its 207th Meeting held on 02/09/2016 at Singrauli.

Accordingly, consent of the members is sought for passing an Ordinary Resolution as set out at item no. 5 of the notice for ratification of the remuneration payable to the Cost Auditors for the financial year 2016-17.

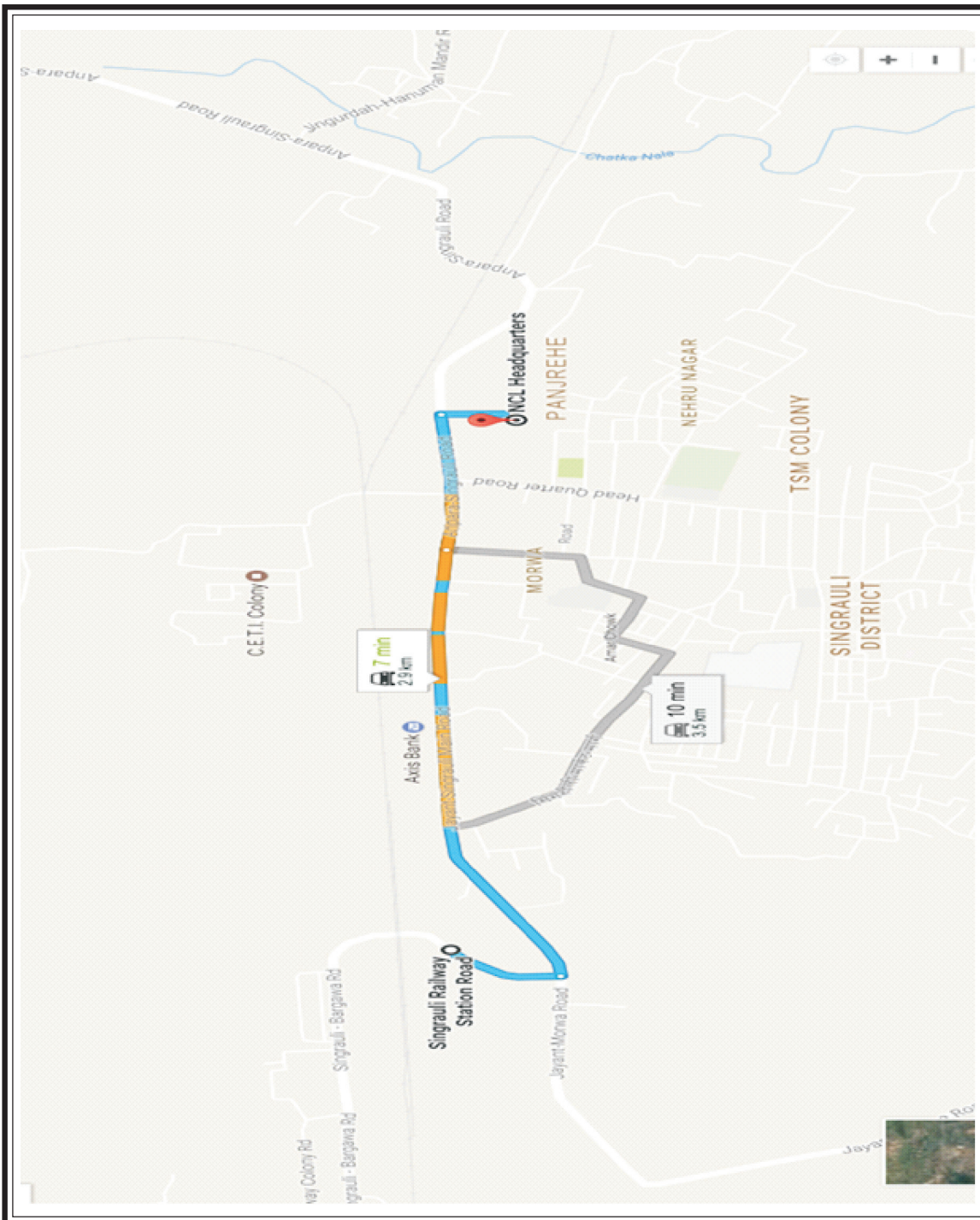
None of the Directors or Key Managerial Personnel or their relatives is concerned or interested in this item.

By Order of the Board of Directors
Sd/-
(P Lazar)
Company Secretary

**Place: Singrauli
Date: 28/06/2017**

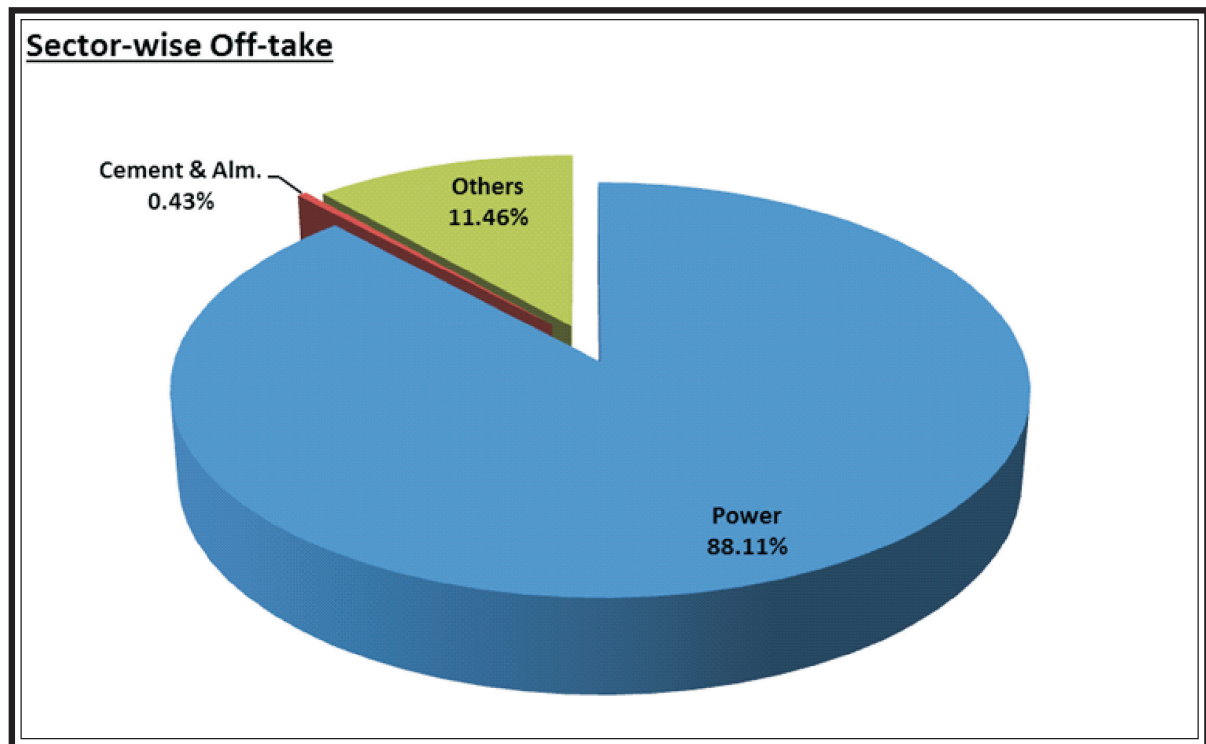
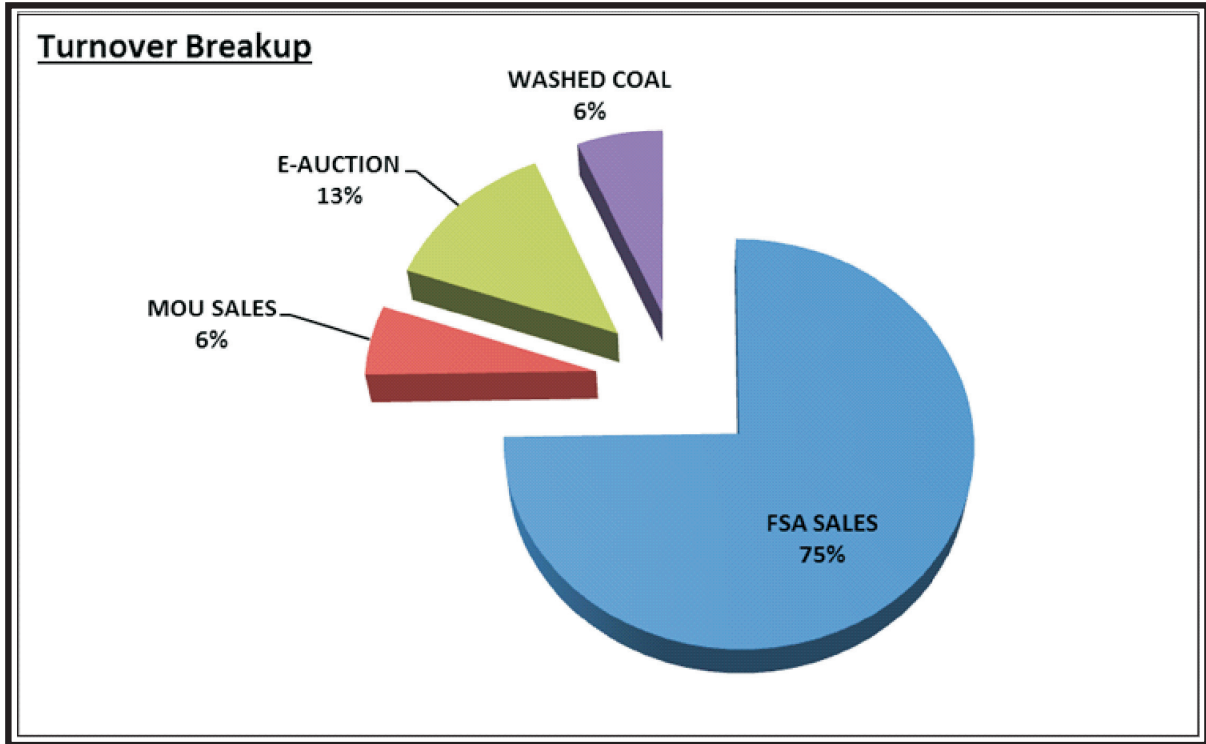


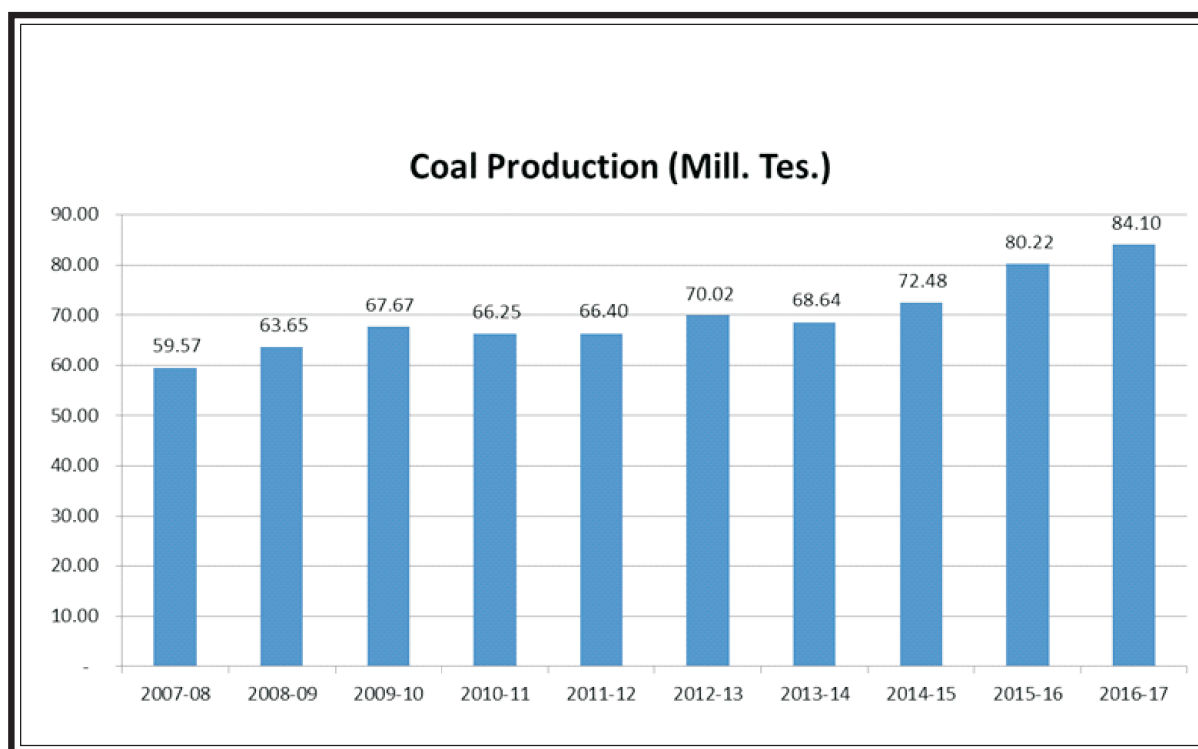
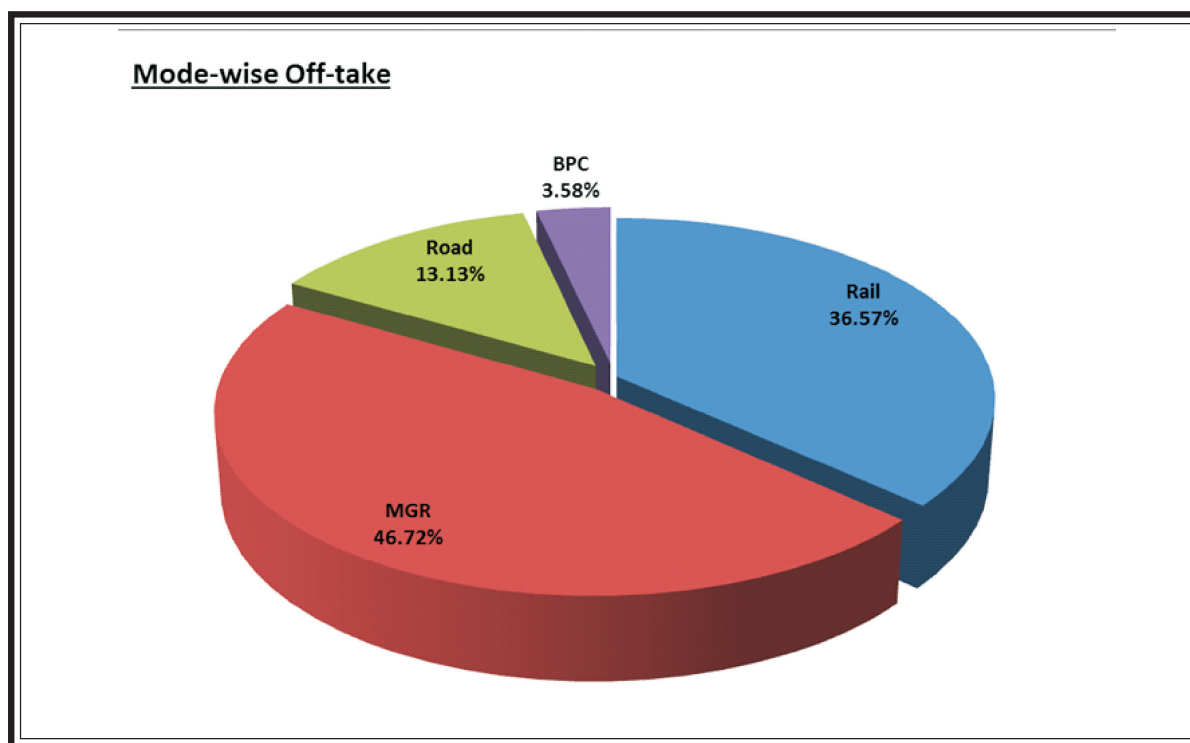
ROUTE MAP FROM SINGRAULI RAILWAY STATION TO NCL HEADQUARTER, SINGRAULI (Annex A to Notice)





IMPORTANT FINANCIAL AND OPERATIONAL DETAILS
Graphical Representations

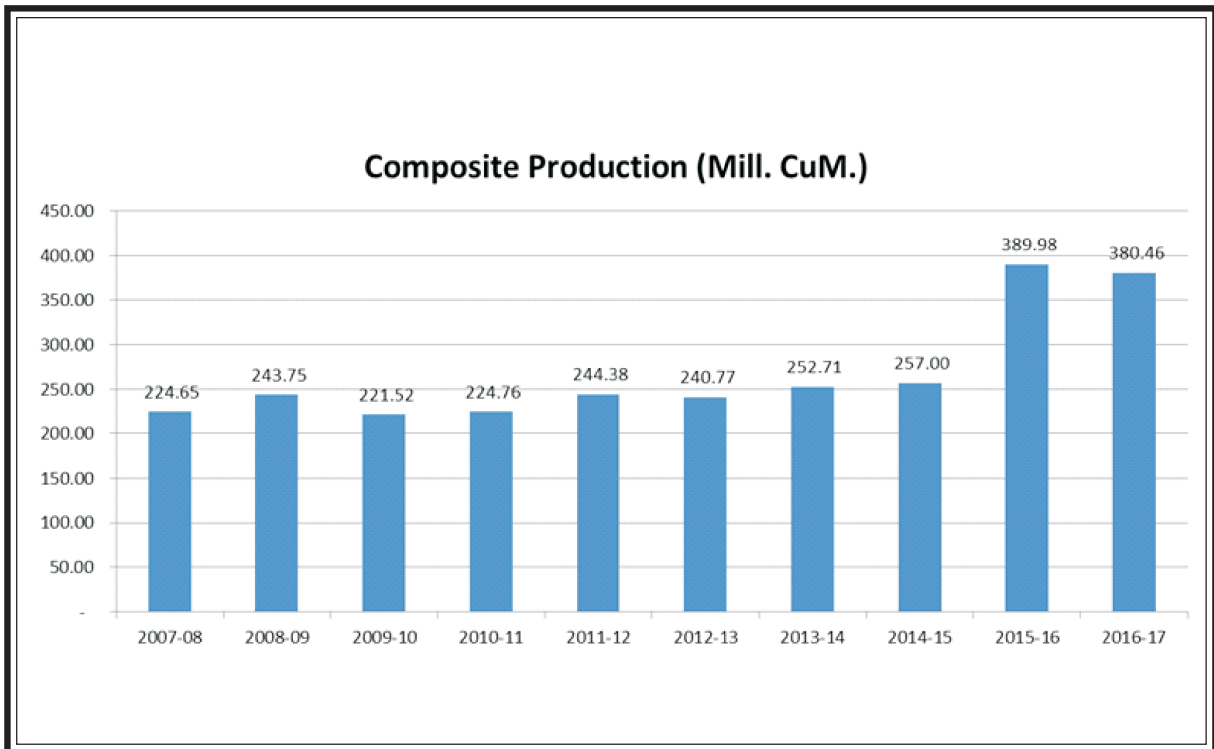
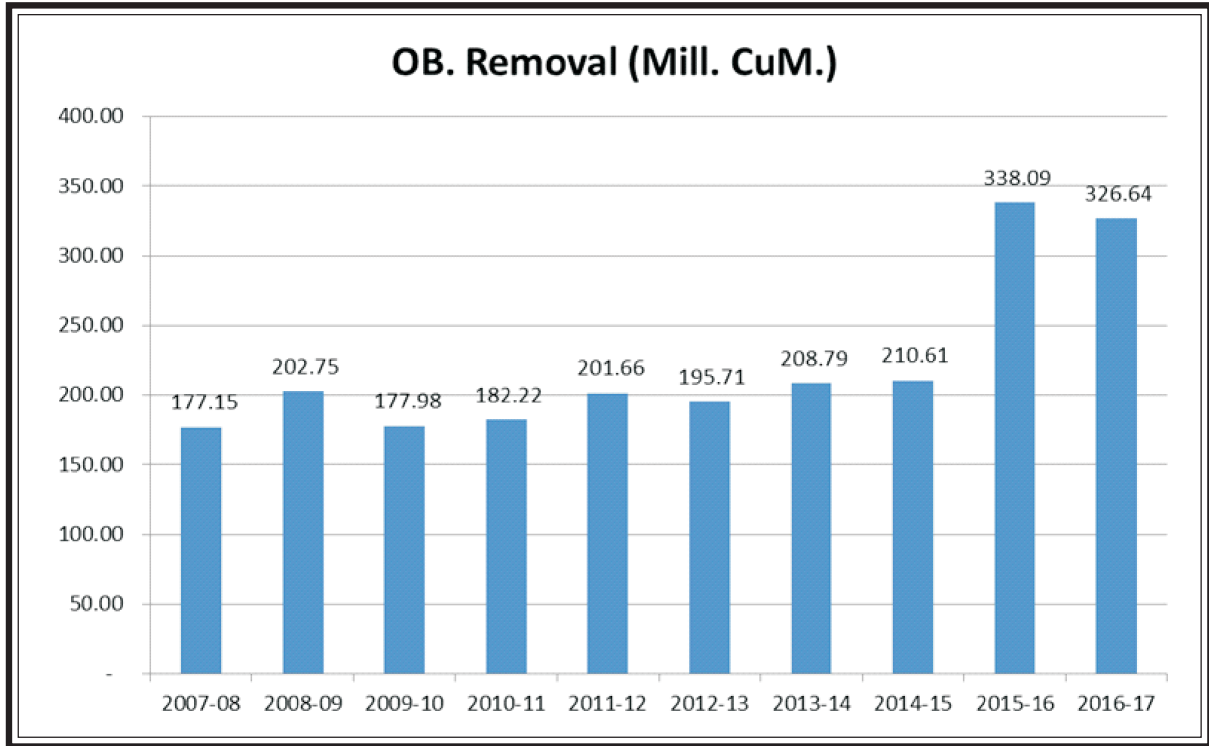


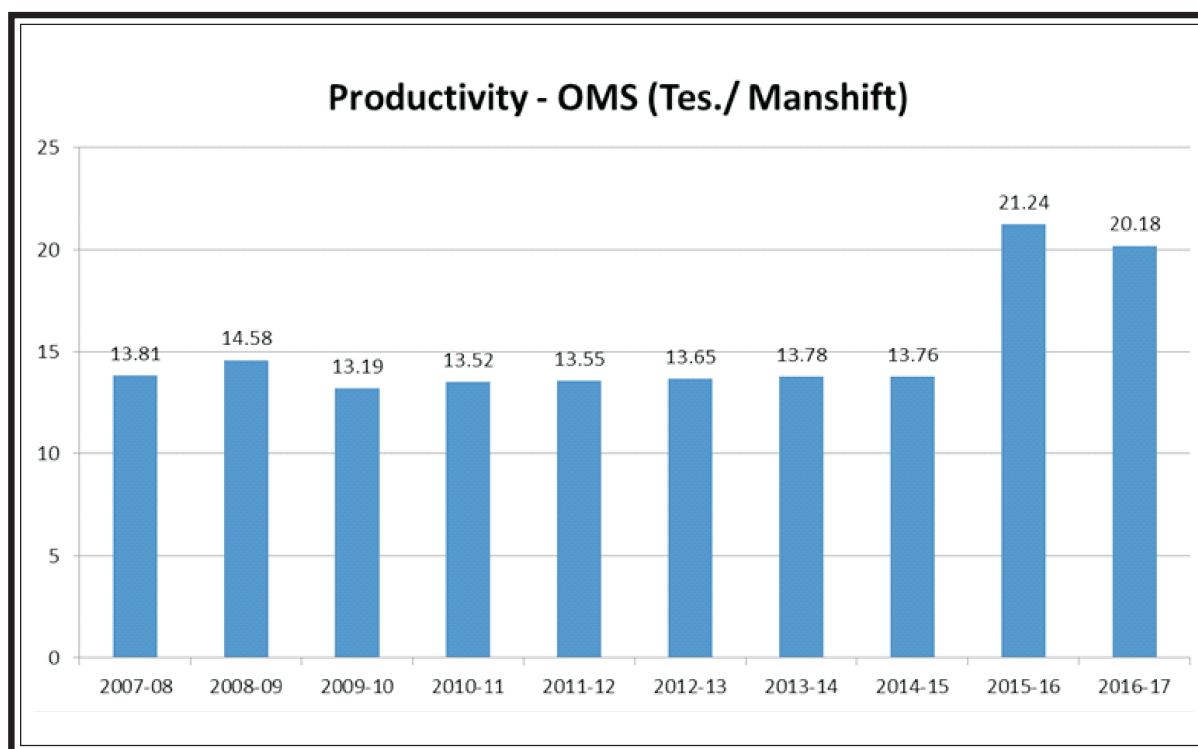
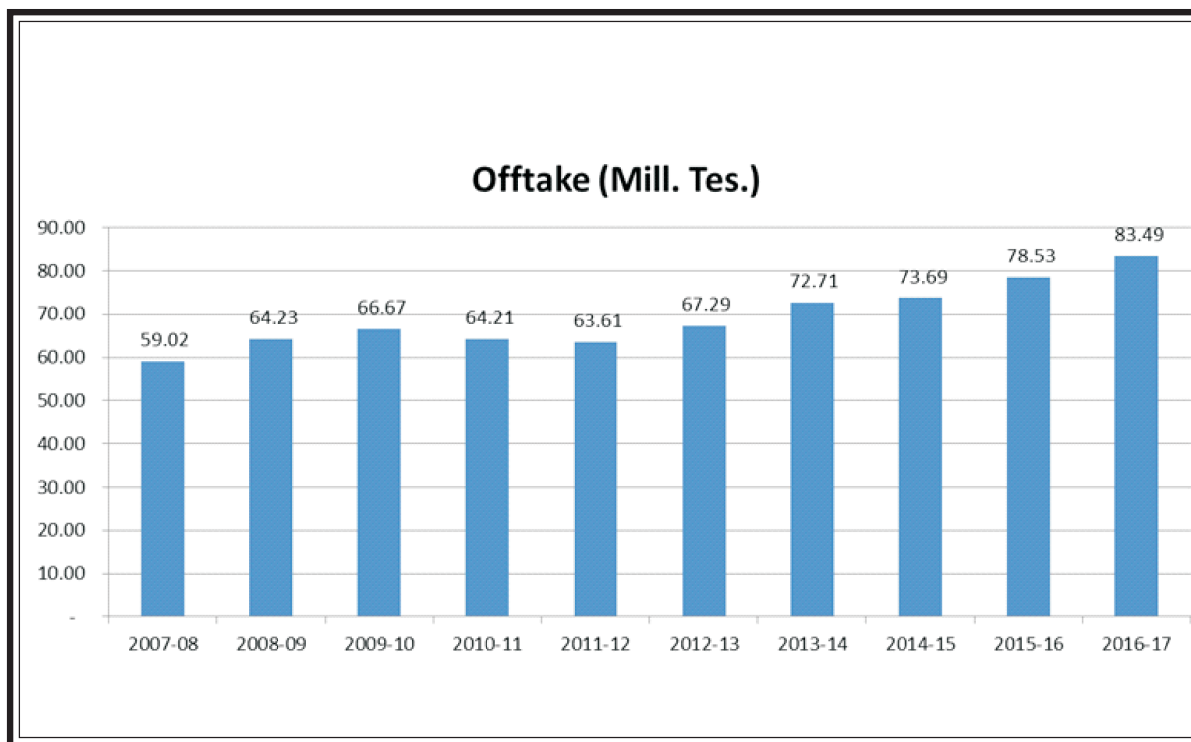




IMPORTANT FINANCIAL AND OPERATIONAL DETAILS

Graphical Representations

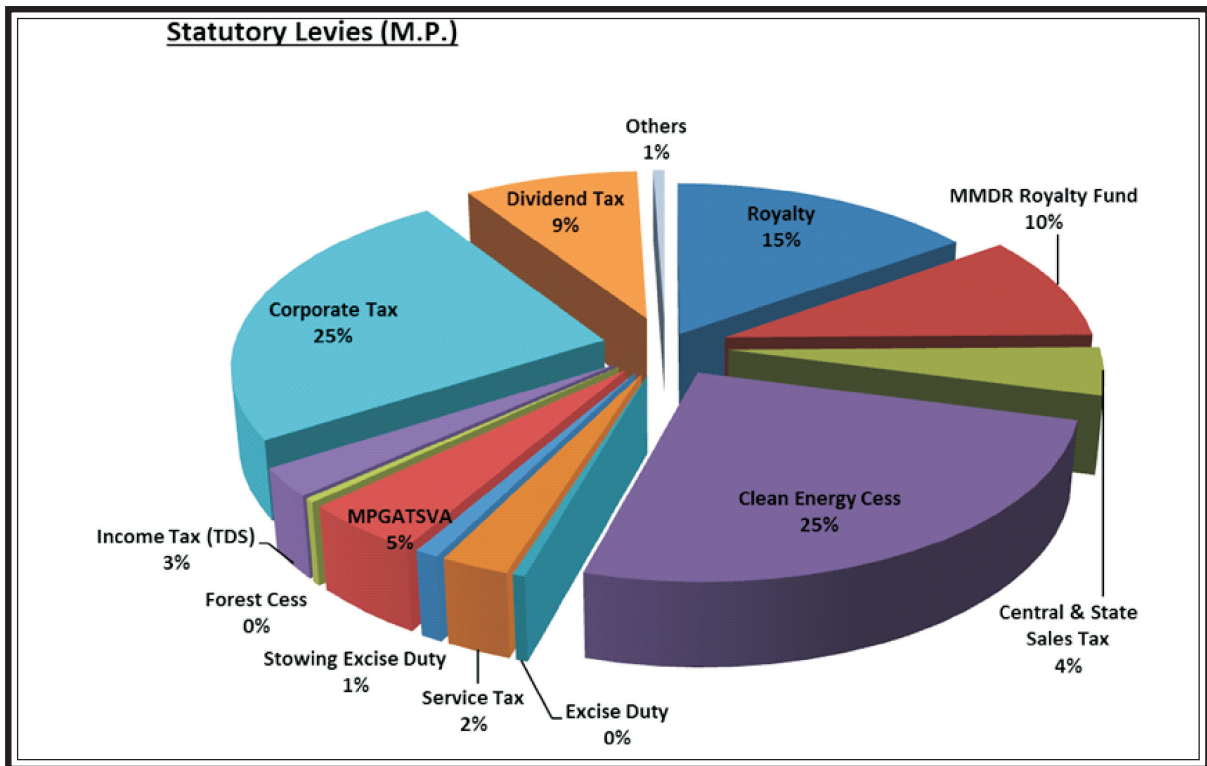
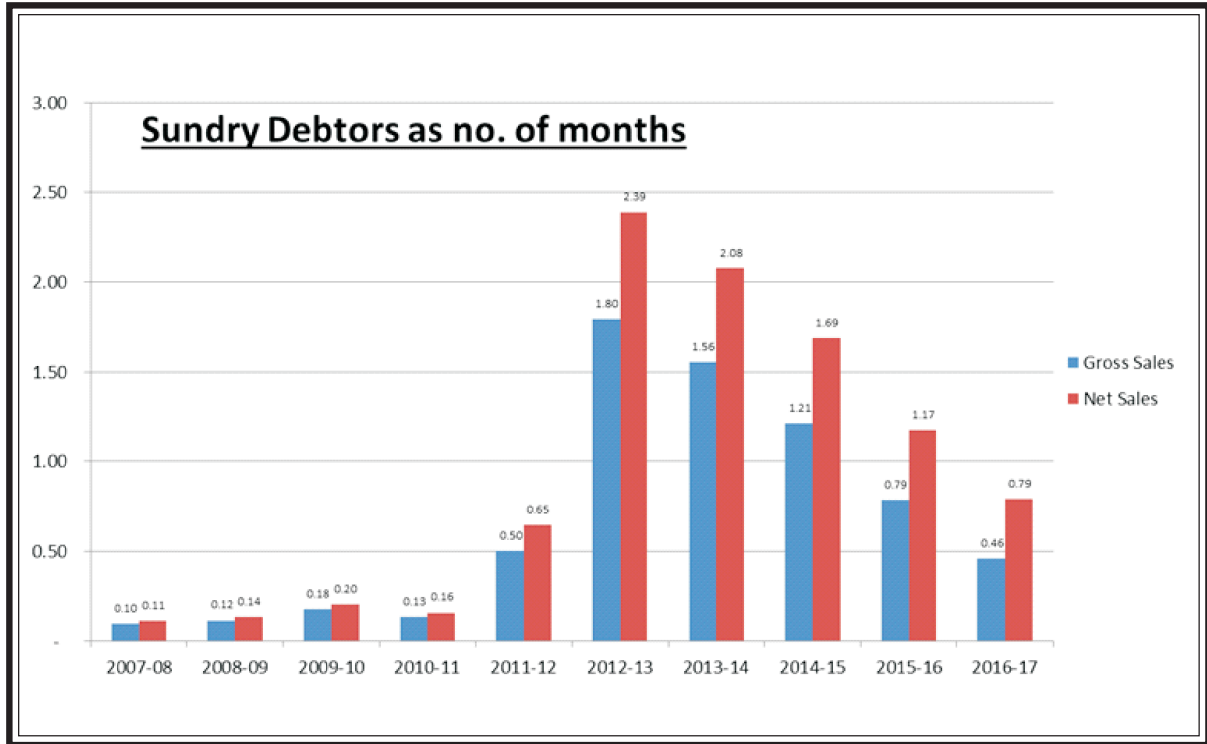




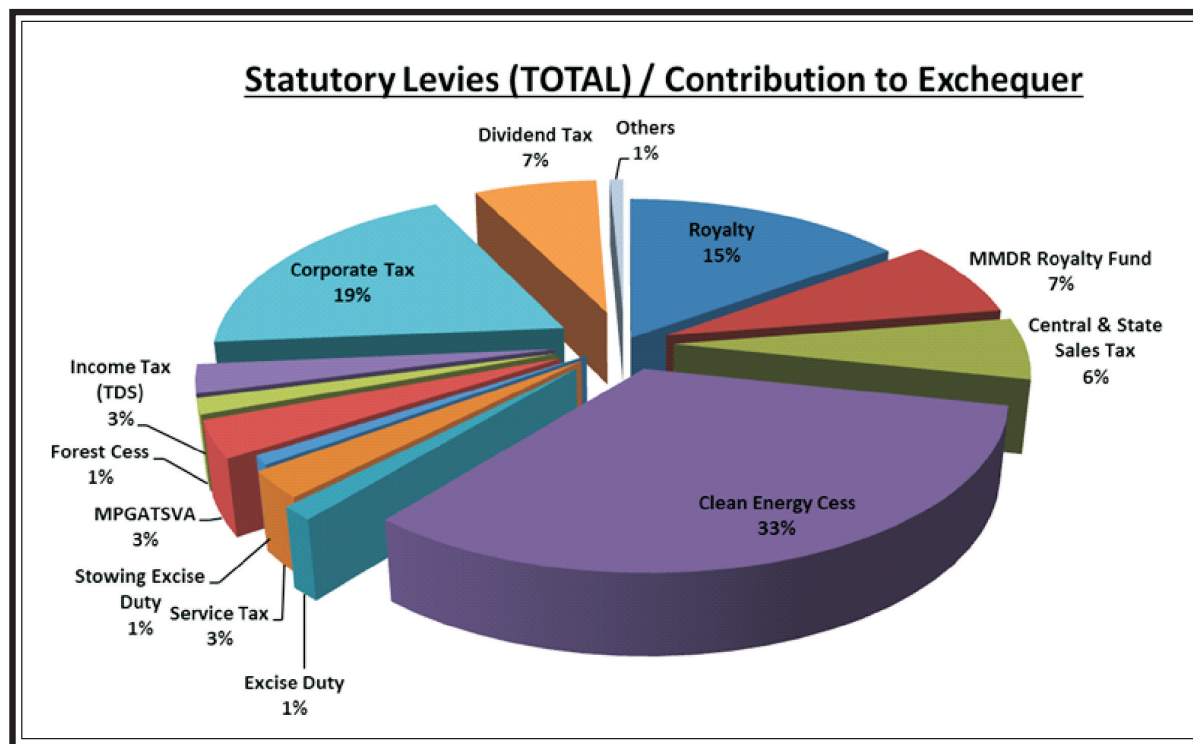
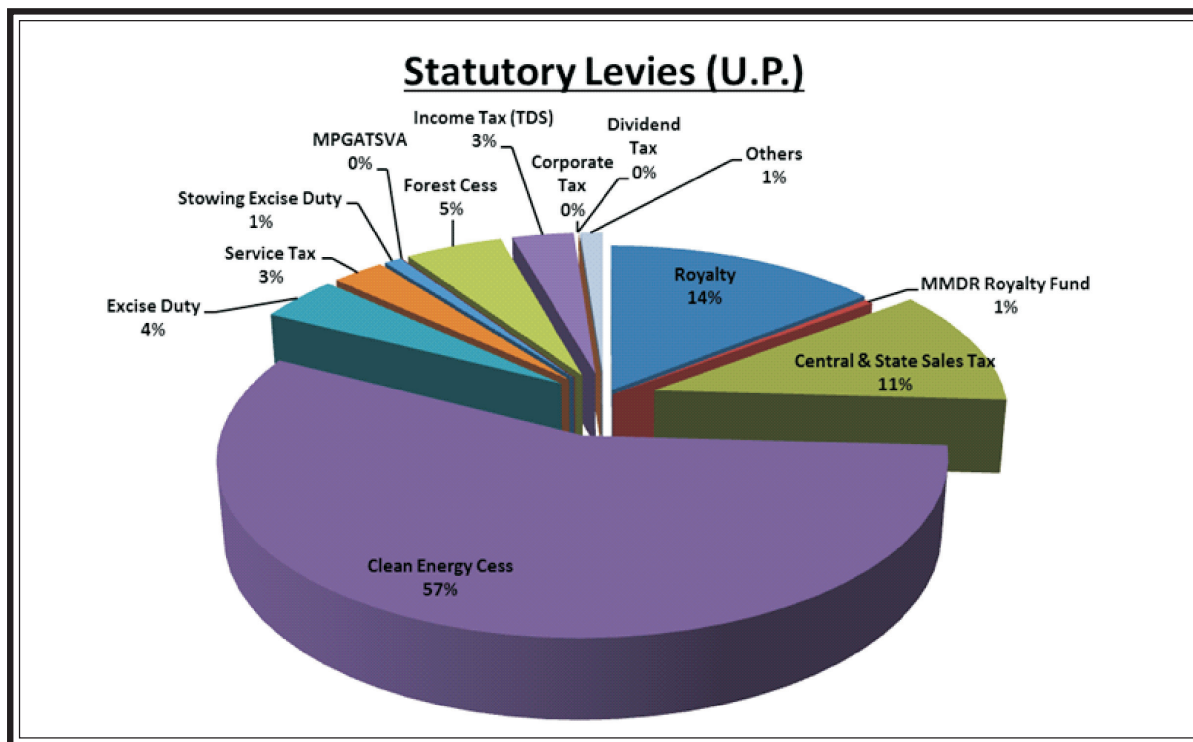


IMPORTANT FINANCIAL AND OPERATIONAL DETAILS

Graphical Representations



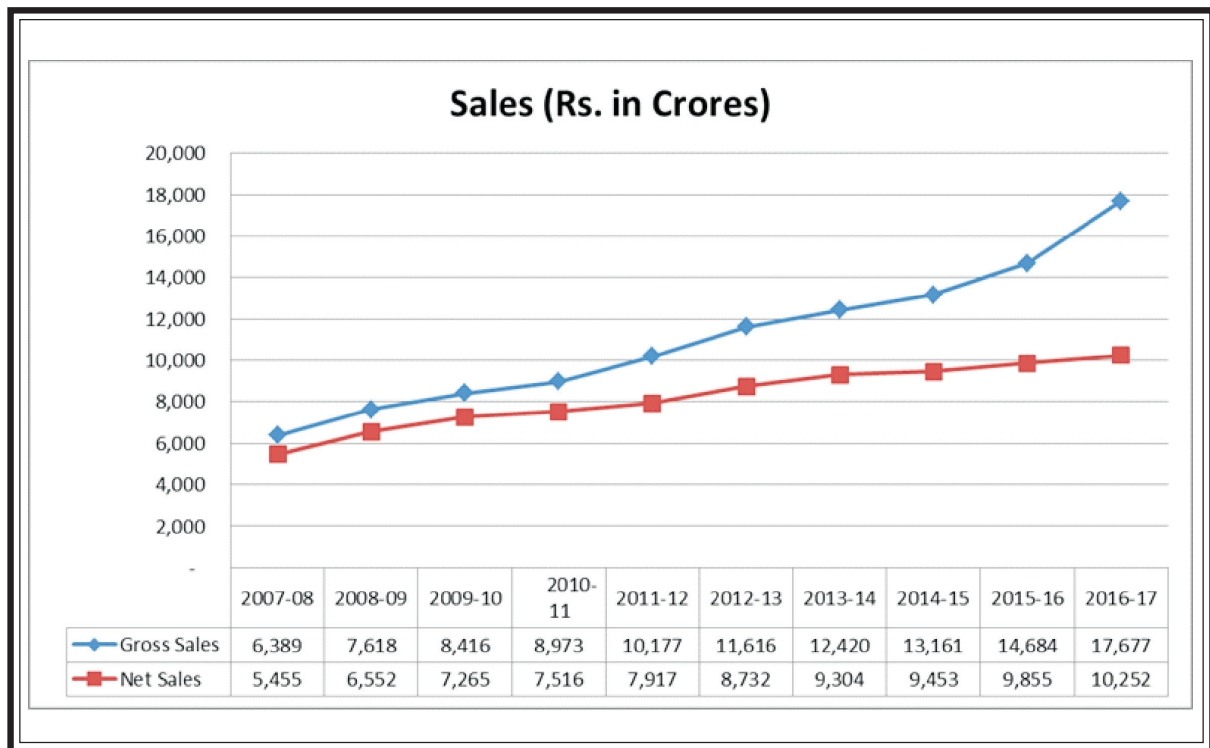
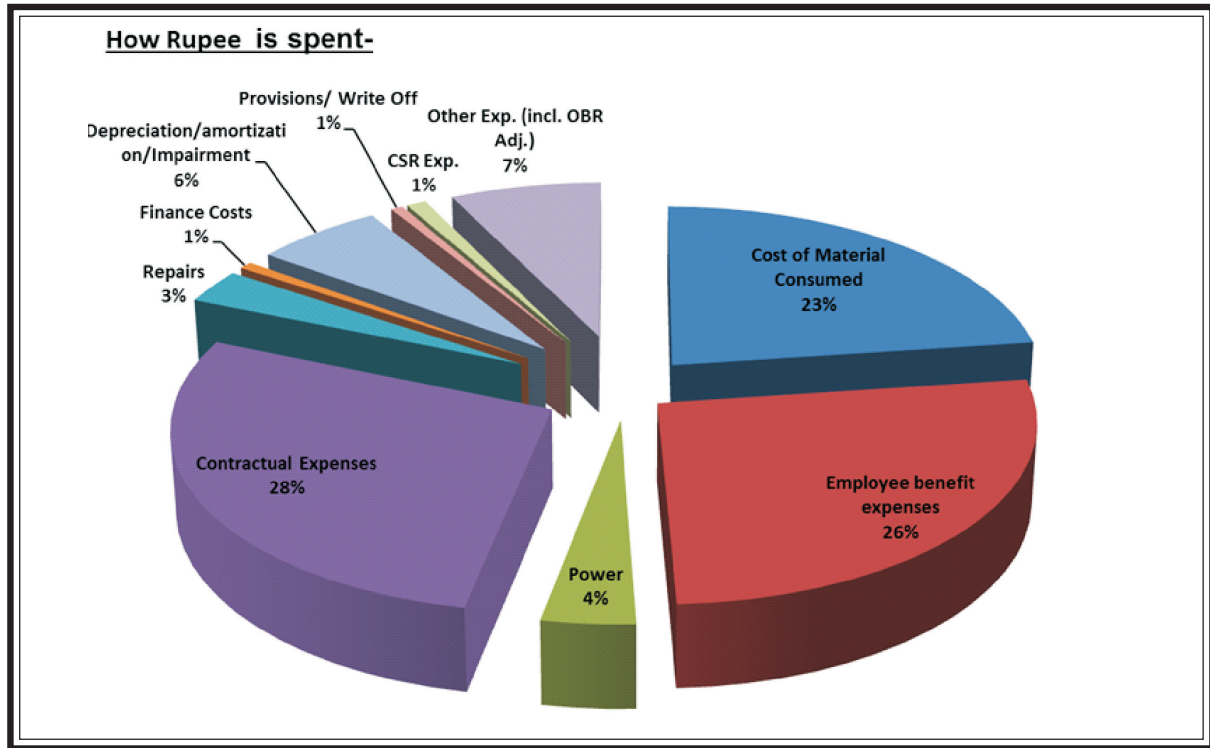
Graphical Representations





IMPORTANT FINANCIAL AND OPERATIONAL DETAILS

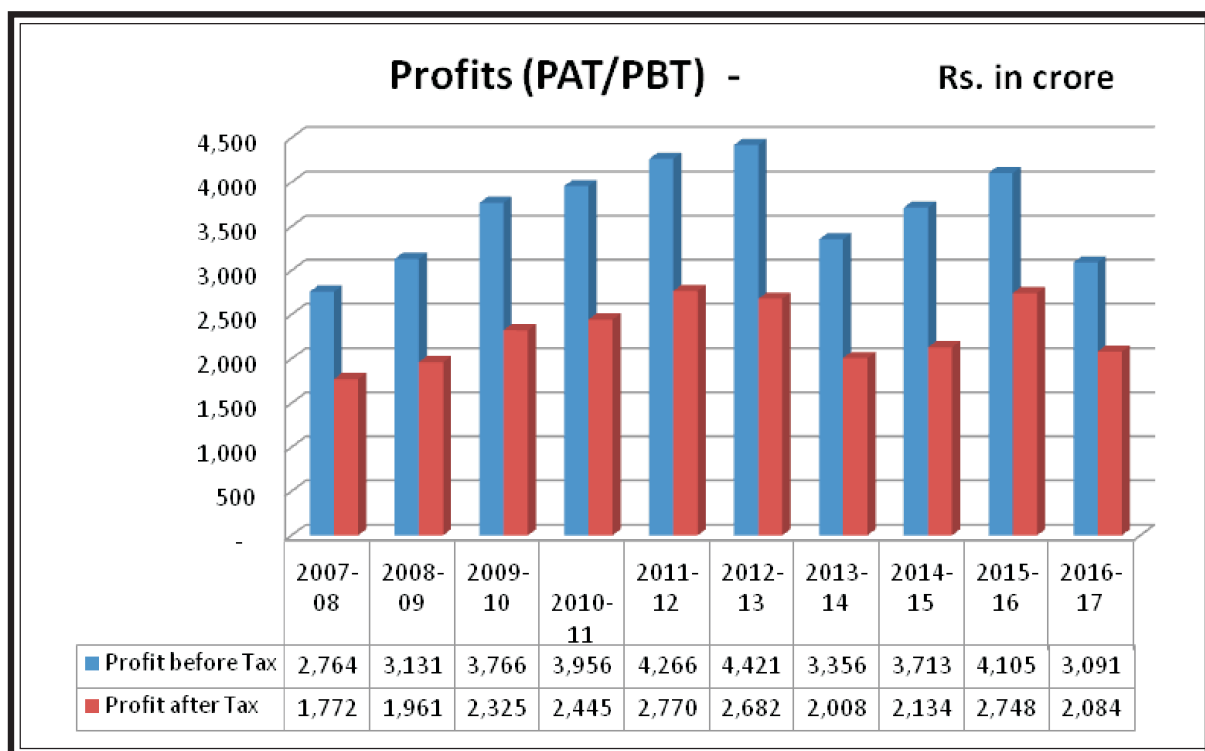
Graphical Representations



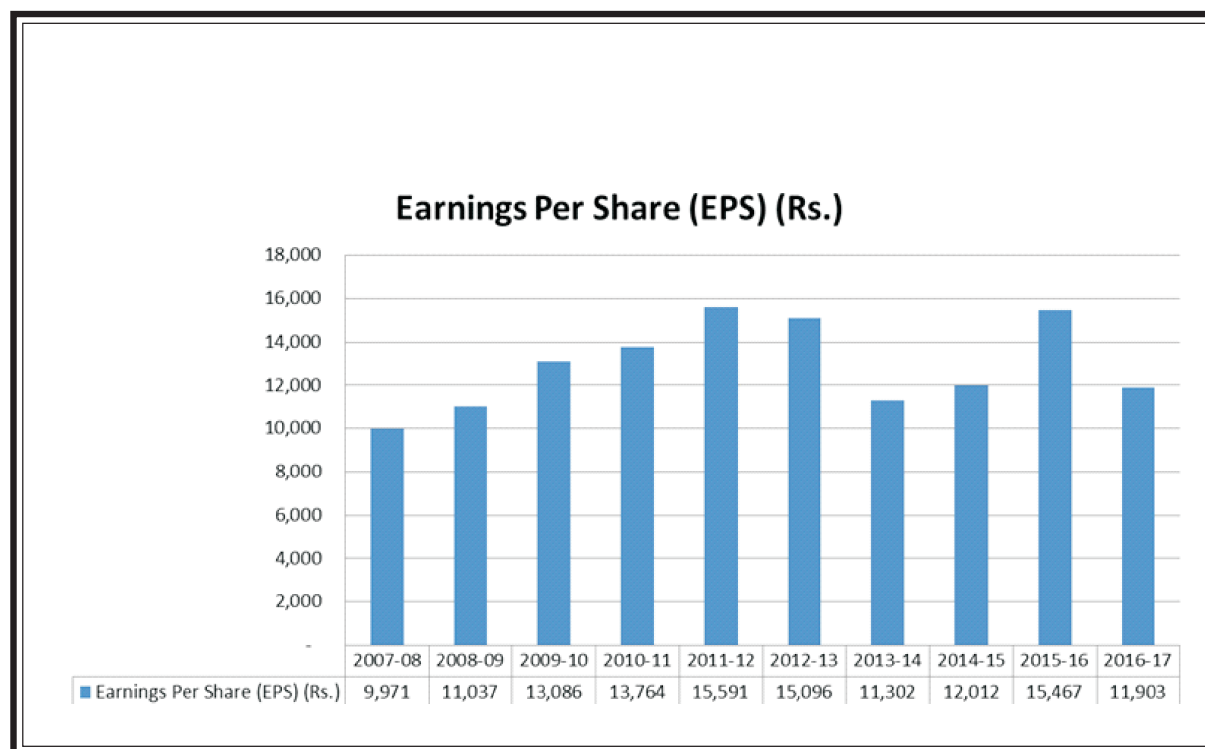
NORTHERN COALFIELDS LIMITED

IMPORTANT FINANCIAL AND OPERATIONAL DETAILS

Graphical Representations



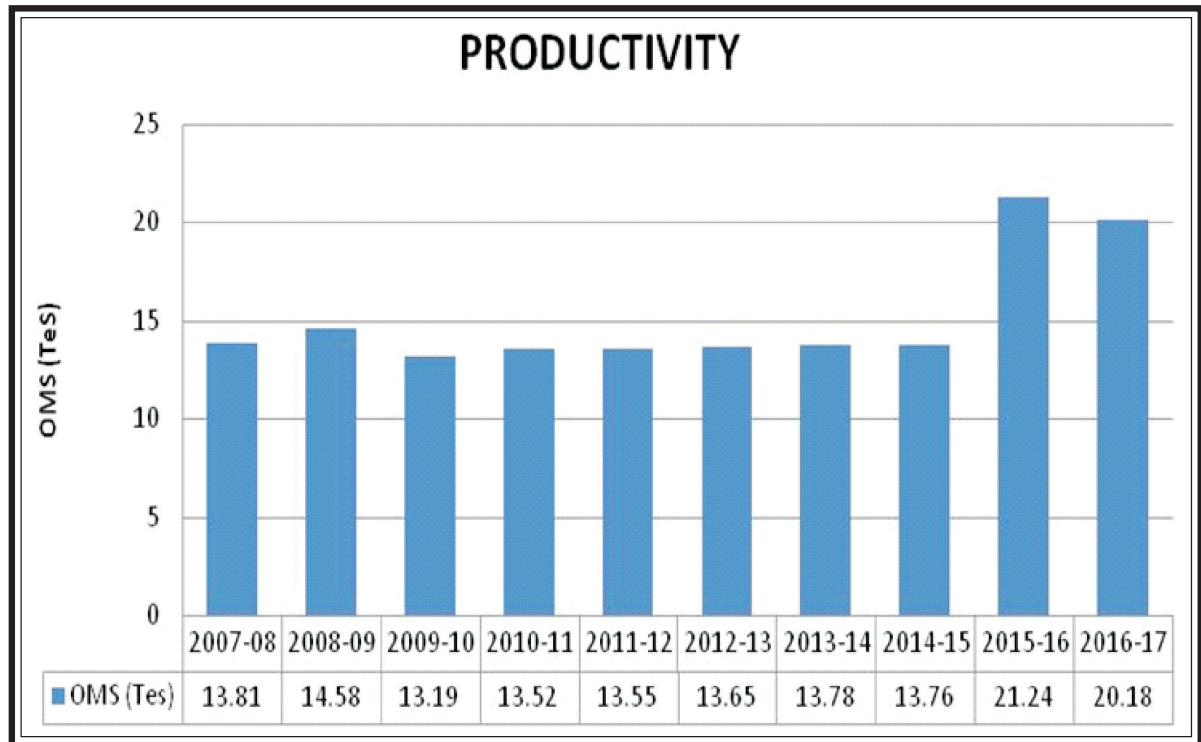
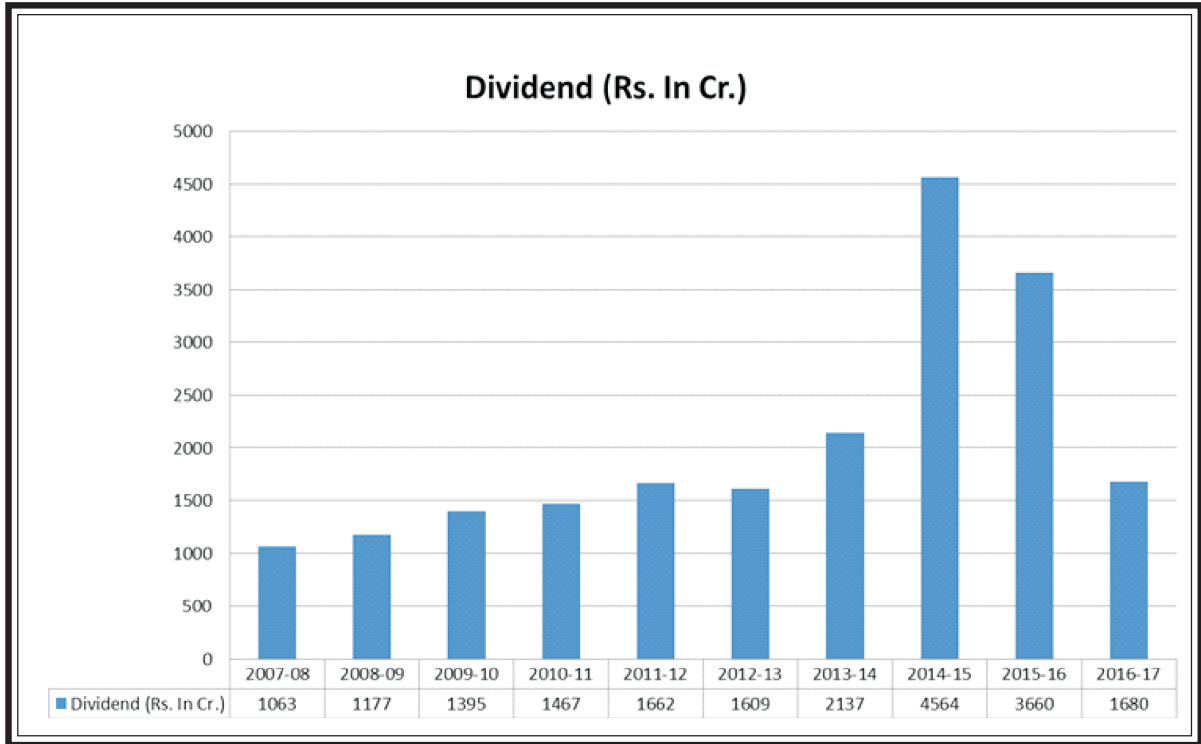
*The figure shown for 2015-16 is restated.





IMPORTANT FINANCIAL AND OPERATIONAL DETAILS

Graphical Representations





PLANTATION AT DUDHICHUA



SIMULATOR FOR OPERATORS TRAINING



IMPORTANT FINANCIAL INFORMATION										
Year	2016-17	2015-16	2014-15	2013-14	2012-13	2011-12	2010-11	2009-10	2008-2009	2007-2008
(A) Related to Assets & Liabilities:										
(1) Shareholders' funds	136.56	177.67	177.67	177.67	177.67	177.67	177.67	177.67	177.67	177.67
(a) Equity	2658.19	4076.70	5699.69	9076.42	9568.40	8756.62	7918.21	7179.61	6483.20	5898.79
(b) Reserves & Surplus	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
(c) Less: Misc. Exp. not written off	2794.75	4254.37	5877.36	9254.09	9746.07	8934.29	8036.83	7327.81	6660.87	6076.46
(2) Redeemable Pref. Shares	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
(3) Loan	250.00	9046.51	10540.37	13406.51	13499.54	12038.45	8455.51	789.97	963.80	815.04
(4) Capital Employed	2966.69	3009.18	2519.71	2297.33	2135.06	2192.70	2164.14	2204.42	1914.37	1832.27
(5) (i) Net Fixed Assets	8122.53	9259.06	11011.11	13569.69	14211.13	12596.38	10473.42	9277.42	5451.93	4783.80
(ii) Current Assets (W/Capital)	3798.89	6037.33	8020.66	11109.18	11364.48	9845.75	6291.37	5676.34	5451.93	4783.80
(6) Current Liabilities	4323.64	3221.73	2990.45	2460.51	2846.65	2750.63	5891.00	4797.08	3825.49	2801.45
(7) (a) Sundry Debtors (Net)	594.40	898.26	621.14	955.94	1738.21	425.70	99.40	123.00	73.73	51.83
(b) Cash & Bank Balances	3462.48	4809.96	6815.66	7443.79	8432.77	8738.30	8626.36	6949.63	5506.02	3959.23
(8) Closing Stock of:										
(a) Stores & Spares (Net)	537.70	421.25	456.25	408.47	369.05	336.84	294.14	320.26	300.47	204.31
(b) Coal (Net)	552.81	553.93	379.54	484.64	629.32	391.10	199.81	75.05	46.30	75.65
(c) Other inventories (Net)	0.50	0.86	0.12	0.08	0.02	0.03	0.00	12.24	12.58	17.78
(9) Av. Stock of Stores & Spares (Net)	479.48	438.75	432.36	388.76	352.95	315.49	307.20	310.37	252.39	193.33
(B) Related to Profit/Loss										
(1) (a) Gross Margin	3643.45	4605.81	4096.07	3731.85	4735.37	4665.89	4329.97	4033.11	3612.05	3121.64
Less: Depreciation	499.98	439.44	382.34	360.69	294.53	378.09	349.84	239.23	433.32	314.84
(b) Gross Profit	3143.47	4166.37	3713.73	3371.16	4440.84	4287.80	3980.13	3793.88	3178.73	2806.80
Less: Interest & Financial Charges	52.47	61.04	0.26	15.45	20.26	22.13	23.77	27.59	47.71	43.05
(c) Net Profit before Tax	3091.00	4105.33	3713.47	3355.71	4420.58	4265.67	3956.36	3766.30	3131.01	2763.75
(2) Provision for Income Tax	1006.94	1357.31	1579.30	1347.69	1738.45	1495.58	1510.92	1441.20	1170.09	992.09
Profit after Tax	2084.06	2748.02	2134.17	2008.02	2682.13	2770.09	2445.45	2325.10	1960.93	1771.66
(2) (a) Gross Sales	17676.81	14683.99	13161.25	12419.62	11616.11	10176.94	8972.50	8415.61	7617.93	6388.79
(b) Net Sales(after levies & Dev. etc)	10251.88	9855.27	9452.58	9303.88	8731.71	7916.52	7516.03	7264.84	6551.94	5455.21
(c) Average Net Sales per month	854.32	821.27	787.72	775.32	727.64	659.71	626.34	605.40	546.00	454.60
(3) Cost of Good Sold (Sales - PBT)	7160.88	5749.94	5739.11	5948.17	4311.13	3650.85	3559.66	3498.54	3420.93	2691.46
(4) (a) Total expenditure	8080.97	6885.26	7052.18	7154.05	5565.82	4866.76	4585.01	4374.20	4225.41	3373.28
(b) Sal. & Wages (Gross; Rev. only)	2111.90	1824.49	1798.00	1711.24	1599.87	1397.23	1050.41	970.11	1105.20	631.05
(c) Stores & Spares (Gross; Rev. only)	1849.18	1748.56	1578.70	1590.52	1379.16	1270.46	1242.09	1167.28	1208.70	1114.13
(d) Power & Fuel (Gross; Rev. only)	366.82	351.02	317.77	310.56	295.44	266.75	254.64	229.28	226.47	234.66
(e) Interest (Gross; Rev. only)	52.47	61.04	0.26	15.45	20.26	22.13	23.77	27.59	47.71	43.05
(f) Depreciation (Gross; Rev. only)	499.98	439.44	382.34	360.69	294.53	378.09	349.84	239.23	433.32	314.84
(5) Av. Cons. of Stores & Spares/month	154.10	145.71	131.56	132.54	114.93	105.87	103.51	97.27	100.72	92.84
Gross Margin (PBDIT) (Rs. Crs.)	3643.45	4605.81	4096.07	3731.85	4735.37	4665.89	4329.97	4033.11	3612.05	3121.64
Profit before Tax (Rs. Crs.)	3091.00	4105.33	3713.47	3355.71	4420.58	4265.67	3956.36	3766.30	3131.01	2763.75
Profit after Tax (Rs. Crs.)	2084.06	2748.02	2134.17	2008.02	2682.13	2770.09	2445.45	2325.10	1960.93	1771.66

Note: (1) For the year 2014-15 onwards, figures are derived on the basis of Schedule III of the Companies Act, 2013.
 (2) Figures for FY 2015-16 have been re-casted according to regrouping of accounts comparable with those for the year 2016-17.



NORTHERN COALFIELDS LIMITED



IMPORTANT FINANCIAL RATIOS/PERCENTAGES											
Year	2016-17	2015-16	2014-15	2013-14	2012-13	2011-12	2010-11	2009-10	2008-2009	2007-2008	
(A) PROFITABILITY RATIOS											
(1) As % Net Sales											
(a) Gross Margin	35.54	46.73	43.33	40.11	54.23	58.94	57.61	55.52	55.13	57.22	
(b) Gross profit	30.66	42.28	39.29	36.23	50.86	54.16	52.96	52.22	48.52	51.45	
(c) Net Profit (PBT)	30.15	41.66	39.29	36.07	50.63	53.88	52.64	51.84	47.79	50.66	
(2) As % Total Expenditure											
(a) Sal & Wages (Gross; Revenue)	26.13	26.50	25.50	23.92	28.74	28.71	22.91	22.18	26.16	18.71	
(b) Stores & Spares (Gross; Revenue)	22.88	25.40	22.39	22.23	24.78	26.10	27.09	26.69	28.61	33.03	
(c) Power & Fuel (Gross; Revenue)	4.54	5.10	4.51	4.34	5.31	5.48	5.55	5.24	5.36	6.96	
(d) Interest (Gross; Revenue)	0.65	0.89	0.00	0.22	0.36	0.45	0.52	0.63	1.13	1.28	
(e) Depreciation (Gross; Revenue)	6.19	6.38	5.42	5.04	5.29	7.77	7.63	5.47	10.26	9.33	
(3) As % Capital Employed											
(a) Gross Margin	53.85	50.91	38.86	27.84	35.08	38.76	51.21	51.18	49.03	47.18	
(b) Gross profit	46.46	46.05	35.23	25.15	32.90	35.62	47.07	48.14	43.15	42.42	
(c) Net Profit	45.69	45.38	35.23	25.03	32.75	35.43	46.79	47.79	42.50	41.77	
(4) Operating Ratio	0.70	0.58	0.61	0.64	0.49	0.46	0.47	0.48	0.52	0.49	
[(Sales-Profit)/Sales]											
(B) LIQUIDITY RATIOS											
(1) Current Ratio	1.88	2.87	3.68	5.51	4.99	4.58	2.07	2.18	2.43	2.71	
(Current Assets/Current Liabilities)											
(2) Quick Ratio	1.63	2.57	3.40	5.15	4.64	4.31	1.98	2.10	2.33	2.60	
(Quick Assets/Current Liabilities)											
(3) Working Capital as % of											
(a) Capital Employed	56.15	66.74	76.09	82.86	84.18	81.79	74.41	72.03	74.01	72.31	
(b) Net Fixed Assets	128.05	200.63	318.32	483.57	532.28	449.02	290.71	257.50	284.79	261.09	
(C) TURNOVER RATIOS											
(1) Capital Turnover Ratio	1.52	1.09	0.90	0.69	0.65	0.66	0.89	0.92	0.89	0.82	
(Net Sales/Capital Employed)											





IMPORTANT FINANCIAL RATIOS/PERCENTAGES										
Year	2016-17	2015-16	2014-15	2013-14	2012-13	2011-12	2010-11	2009-10	2008-2009	2007-2008
(2) Working Capital Turnover Ratio (Net Sales/Working Capital)	2.70	1.63	1.18	0.84	0.77	0.80	1.19	1.28	1.20	1.14
(3) Sundry Debtors as no. of months										
(a) Gross Sales	0.46	0.79	1.21	1.56	1.80	0.50	0.13	0.18	0.12	0.10
(b) Net Sales	0.79	1.17	1.69	2.08	2.39	0.65	0.16	0.20	0.14	0.11
(4) As Ratio of Net Sales										
(a) Sundry Debtors	0.07	0.10	0.14	0.17	0.20	0.05	0.01	0.02	0.01	0.01
(b) Coal Stocks	0.05	0.06	0.04	0.05	0.07	0.05	0.03	0.01	0.01	0.01
(5) Stock of Stores & Spares										
(a) Av. Stock/Annual Consumption	0.32	0.27	0.32	0.28	0.26	0.25	0.25	0.27	0.21	0.17
(b) Closing Stock as no. of months con.	3.86	3.21	3.82	3.41	3.21	3.18	2.84	3.29	2.98	2.20
(D) STRUCTURAL RATIOS										
(1) Debt : Equity	1.83	0.00	0.00	0.00	3.45	4.14	4.16	4.45	5.42	4.59
(2) Debt : Networth	0.09	0.00	0.00	0.00	0.06	0.08	0.09	0.11	0.14	0.13
(3) Networth : Equity	20.47	23.94	33.08	52.09	54.85	50.29	45.23	41.24	37.49	34.20
(4) Net Fixed Assets : Networth	1.06	0.71	0.43	0.25	0.22	0.25	0.27	0.30	0.29	0.30
(E) SHAREHOLDER'S INTEREST										
(1) Earnings Per Share (EPS) (Rs.)	11903.33	15466.75	12011.80	11301.79	15095.90	15590.96	13763.78	13086.39	11036.72	9971.49
(N.P. after tax & Pref.Div/ No. of Equity)										
(2) Book Value per Share (Rs.) (Networth/No. of Equity)	20465.47	23944.97	33079.70	52085.03	54854.05	50285.09	45233.90	41243.28	37489.55	34200.28
(3) Dividend Per Share (Rs.)	9455.58	20599.21	25687.61	12026.83	9057.55	9354.56	8258.27	7851.83	6622.03	5982.90



NORTHERN COALFIELDS LIMITED



NORTHERN COALFIELDS LIMITED : SINGRAULI

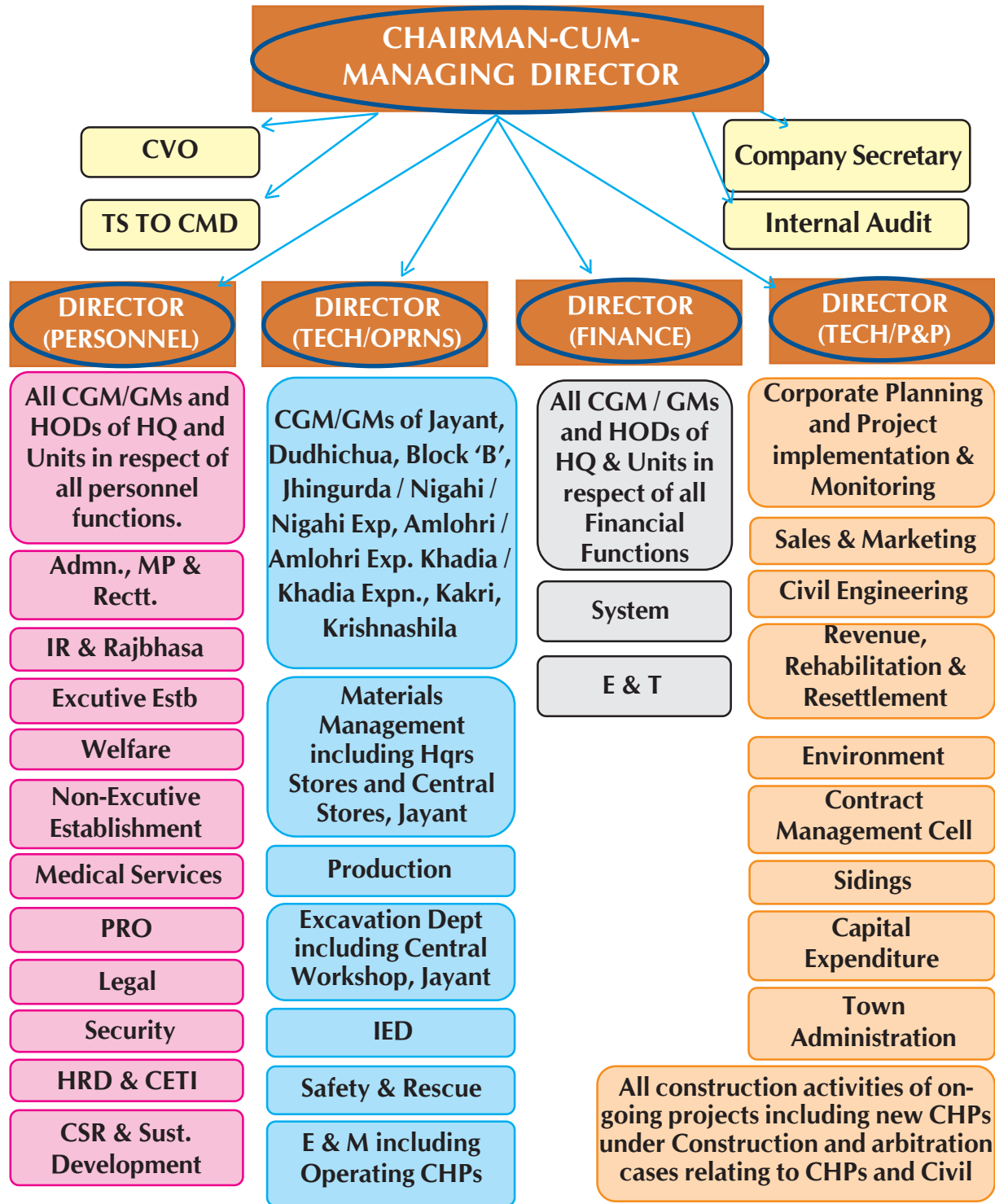
OPERATIONAL STATISTICS

Year	2016-17	2015-16	2014-15	2013-14	2012-13	2011-12	2010-11	2009-10	2008-2009	2007-2008
A. Operational Statistics:										
(1) (a) Total Coal Production (Lakh Tes)	840.96	802.24	724.84	686.39	700.21	664.01	662.53	676.70	636.50	595.66
(b) Revenue Coal Prodn. (Lakh Tes)	840.96	802.24	724.84	686.39	700.21	664.01	662.53	676.70	636.50	595.66
(c) Total O.B. Removal (L. CuM)	3266.39*	3380.90	2106.14	2087.87	1957.06	2016.64	1822.16	1779.76	2027.49	1771.49
(d) Revenue O.B. Removal (L. CuM)	3266.39	3380.90	2106.14	2087.87	1957.06	2016.64	1822.16	1779.76	2027.49	1771.49
(2) Raw Coal Despatch (Lakh Tes):										
Power	735.39	733.08	696.53	672.07	645.48	613.47	642.31	642.31	612.83	567.25
Cement	3.57	2.08	1.31	1.55	1.70	0.12	0.00	0.00	0.00	0.00
Others	95.68	50.04	38.84	47.49	25.67	18.48	20.29	20.29	25.16	19.11
Total	834.64	785.20	736.68	721.11	672.85	632.07	662.60	662.60	637.99	586.36
(3) Manpower:										
As on 1st April	16078	16226	16741	16073	16329	16209	16373	16450	16697	16726
As on 31st March	15357	16078	16226	16741	16073	16329	16209	16373	16450	16697
Average	15718	16152	16484	16407	16201	16269	16291	16412	16574	16712
(4) Productivity:										
(a) Average per man per year (Tes)	5350.30	4966.82	4397.23	4183.52	4322.02	4081.44	4066.85	4123.20	3840.35	3564.27
(b) Output per Manshift (Tes)	20.18	21.24	13.76	13.78	13.65	13.55	13.52	13.19	14.58	13.81
B. Related to Cost Sheet:										
(1) Earning per Manshift (EMS) (Rs.)	4155.90	3553.43	3251.31	3026.36	2816.71	2323.99	2038.97	1786.44	2065.80	1203.42
(2) Av. Cost of Production of Net Saleable Coal (Rs. per Te.)	893.59	827.54	902.32	878.37	802.13	719.21	639.07	593.91	629.45	537.07
(3) Av. Sale Value of Net Saleable Coal produced (Rs. per Te.)	1180.83	1222.02	1264.25	1305.63	1253.76	1193.76	1130.18	1059.48	1005.47	904.20

* Book figure



ORGANISATION CHART OF NORTHERN COALFIELDS LIMITED





NORTHERN COALFIELDS LIMITED

OUR SENIOR MANAGEMENT TEAM

(AS ON 26.5.2017)

EMP_NAME	GRADE	DESIGNATION	LOCATION
PROJECTS/UNITS			
SUNIL KUMAR JHA	E8	GM (MINING)	AMLOHRI
BIPIN KUMAR	E8	GM (MINING)	BINA
S K GOMASTA	E8	GM (MINING)	BLOCK-B
ANJANI KUMAR TRIPATHY	E8	GM (EXCV)	CWS JAYANT
MANOJ KUMAR PRASAD	E8	GM (MINING)	DUDHICHUA
AJIT KUMAR CHOWDHARY	E8	GM (MINING)	JAYANT
CHITRANJAN SINGH	E8	GM (MINING)	JHINGURDA
L P GODSE	E8	GM (MINING)	KAKRI
AMARNATH PANDEY	E8	GM (MINING)	KHADIA
RAM BABOO PRASAD	E8	GM (MINING)	KRISHNASHILA
INDU BHUSHAN MISHRA	E8	CHIEF OF MEDICAL SERVICES	NSC, JAYANT
CAHNCHAL GOSWAMI	E8	GM (MINING)	NIGAHI
HEAD OF DEPARTMENT OF HEAD QUARTERS			
PRAFULLA KUMAR BISWAL	E8	GM (MINING)	TS TO CMD
TOGI BALA RAJU	E8	GM (PERSONNEL)	PERSONNEL
ARVIND KUMAR SINGH	E8	GM (SYSTEM)	SYSTEM
YOGENDRA MISHRA	E8	GM (ENVIRONMENT)	ENVIRONMENT
P LAZAR	E8	GM(FINANCE)	COMPANY SECRETARY
RANJIT VERMA	E8	GM (E&M)	E&M
AJOY KUMAR CHOUDHARY	E8	GM (CIVIL)	CIVIL
SANT LAL	E8	GM (MM)	MATERIALS MGMT
CHIRANTAN BASU	E8	GM(FINANCE)	FINANCE
RAJENDRA RAI	E8	GM (MINING)	PRODUCTION
SANJAY MISHRA	E8	GM (MINING)	CORPORATE PLANNING
SUJIT KUMAR MITRA	E8	GM (SALES) & (QC)	MKTG&SALES
TARUN KUMAR	E8	GM (EXCAVATION)	EXCAVATION
RANA CHATTERJEE	E8	GM (SECURITY)	SECURITY
SURESH KUMAR MESHARAM	E8	GM (TELECOM)	TELECOM
ATMESHWAR PATHAK	E8	GM (MINING)	INDUST. ENGG
RAJSHEKHAR KOTTURI	E8	GM(EXCAVATION)	CETI/HRD
KRISHNA CHANDRA	E8	GM(SAFETY)	SAFETY
UMASHANKER	E8	CMS, SINGRAULI	CENTRAL HOSPITAL
SUNIL KUMAR JHA	E8	GM(EXCAVATION)	HOD CSR
MRITYUNJAY MISHRA	E7	HOD (R&R)	REVENUE
J. P. VISWAKARMA	E7	CHIEF OF IA	INTERNAL AUDIT
OTHER SENIOR EXECUTIVES HQ			
SINGESHWAR SINGH	E8	GM(MINING)	TS TO D(T/P&P)
S SABUI	E8	GM(FINANCE)	FINANCE
V.M. DWEVEDI	E8	GM (QC)	QUALITY CONTROL
NABA KUMAR DUTTA	E8	GM(MM)	MATERIALS MGMT
P.K. SARKAR	E8	GM(MM)	MATERIALS MGMT
AJIT KUMAR SINGH	E8	GM(MM)	MATERIALS MGMT
AMBUJ KUMAR MOHANTY	E8	GM(MM)	MATERIALS MGMT
J.D. SINGH	E8	GM(EXCAVATION)	EXCAVATION
TV GANGADHAR	E8	GM(EXCAVATION)	VIGILANCE
JANARDAN PRASAD	E8	GM(TELECOM)	TELECOM





Chairman's Statement

Dear Shareholders,



On behalf of the Board of Directors of Northern Coalfields Limited (NCL), I welcome you to the 32nd Annual General Meeting of the Company and present before you the Annual Report of your company for the Financial Year 2016-17, consisting (i) Financial statement with the Auditor's Report and (ii) Director's Report along with the Comments by the board to Auditor Report.

Company Profile

Your company was formed in the year 1985 encompassing Singrauli Coalfield, carved out of Central Coalfield Ltd., with its Headquarter at Singrauli, Madhya Pradesh. All the coal mining operations of NCL are at present concentrated in Moher Sub-basin through 10 number opencast mines. NCL is a Mini Ratna (Category-I) company since 2007 and is a wholly owned subsidiary of Coal India Limited, under the Ministry of Coal, Government of India. About 90% of the coal produced is dispatched to Power Sector.

Physical Performance

NCL has achieved coal production of 84.096 million tonnes during the year 2016-17 which is 4.83 percent higher than actual production of 80.22 million tonnes during the year 2015-16. The measured Over Burden Removal of 324.135 million Cu.m. during the year was 4.13 percent lower than OB Removal of 338.089 million Cu.m. during the year 2015-16. Off take at 83.491 million tonnes during the year 2016-17 registered a growth of 6.31 percent over the Off take of 78.53 million tonnes during the year 2015-16. Coal production from NCL increased from 13.60 Mt in 1986-87 to 84.096 Mt in 2016-17 and it is planned to achieve 110 Mt in 2019-20.

Financial Performance

The Company has recorded a gross turnover of Rs 17,676.81 crores during the year 2016-17 which is 20.38 percent higher than last year's turnover of Rs 14683.99 crores. NCL recorded Profit before Tax (PBT) of Rs. 3091.00 crores during the year 2016-17, and has registered a decrease of 24.71 percent over previous year's restated (as per IND AS) PBT of Rs. 4105.33 crores (Reported PBT of Rs 4065.51 crores). Profit after Tax (PAT) was Rs. 2084.06 crores compared to previous year's restated (as per IND AS) PAT of Rs. 2748.02 crores (Reported PAT of Rs. 2722.50 crores). Earnings per Share (EPS) during the year 2016-17 has come down up to Rs 11,903.33 against restated (as per IND AS) EPS of Rs 15466.75 in the previous year (Reported EPS of Rs 15323.11 crores). Capital expenditure during the year was Rs. 1023.30 Crores against the target of Rs. 896.00 Crores registering an increase of 14.21% over the target.

Dividend and Buy Back of Equity Shares

The Company has paid three interim dividends, total amounting to Rs 1680 crores which works out to 945.56% of the paid-up equity share capital (previous year Rs 3,659.92 crores). Dividend per share works out to Rs. 9455.58 against Rs. 20599.21 in previous year.

During the year, the Company has bought back 411135 equity shares of the company from its existing shareholders for a total consideration of Rs 1244.1233 crores.

Technology Adoption

NCL is the largest volume handling company of Coal India Limited (Produced 84.096 Mt Coal and removed 326.64 Mm³ of overburden in 2016-17). There are 10 numbers mechanized opencast mines worked by large size Heavy Earth Moving Machinery. NCL deploys largest fleet of Draglines and some of the largest size shovel-dumper combinations. Total stations and 3-D Laser Scanner are used for survey along with SURPAC software. Training for operation of dumpers is imparted on training simulators. OITDS has been installed in all 10 Tap or more capacity mines. Dispatch of coal is done through Rapid Wagon Loading Systems in SILO of Coal Handling Plants. The following technologies have been adopted recently:

- (i) Large capacity Surface Miners
- (ii) Electronic Detonators
- (iii) GPS based truck movement monitoring system

New /Expansion Projects

There are fifteen completed coal mining projects in NCL. In addition, there are three completed OBR Augmentation Schemes and Seven Non-Mining completed projects costing Rs 5 Crs. There are two mining





NORTHERN COALFIELDS LIMITED

projects under implementation, namely, Khadia Expansion (4 to 10 Mtpa) and Nigahi Expansion (10 to 15 Mtpa) and both are expected to be completed by March, 2018. Five numbers of new/expansion Open Cast Projects (OCP) have been planned to be taken by the year 2019-20, namely Jayant Expansion OCP (10.0 to 20.0 Mtpa), Block-B Expansion OCP (3.5 to 8.0 Mtpa), Dudhichua Expansion OCP (10.0 to 20.0 Mtpa), Bina-Kakri Amalgamation OCP (10.0 Mtpa) and Semaria OCP (2.0 Mtpa).

Corporate Social Responsibility

The new CSR provisions in the Companies Act, 2013 emphasizes a formal and greater responsibility on specified companies to set clear framework and processes for carrying out the social responsibility of business units. As per the provisions of the Companies Act, Companies (Corporate Social Responsibility Policy) Rules 2014 and with the circulars and notifications of the Ministry of Corporate Affairs, NCL has established the required framework for carrying out the social responsibility in and around Singrauli and the areas specified by the CSR Policy of Coal India Limited. The average net profit of the last three years amounting to Rs. 3711.56 crores and 2% of NCL's three years average net profit came around Rs. 74.23 crores against which NCL has spent Rs. 77.33 crores on various approved activities in line with the Schedule-VII of Companies Act, 2013 like roads under "Gaon joro abhiyan", infrastructure under "Aadhar Scheme", Water Supply to nearby villagers under Swachh Jal Scheme, Skill Development and employment generation under kaushal scheme, Swachh Vidyalaya Abhiyan and so on. The Board level CSR Committee monitors the CSR Policy, programme and CSR expenditure.

As a whole, the activities under Corporate Social Responsibility do help the company for a sustainable growth and complete upkeep business process for development. Corporate Social Responsibility (CSR) activities undertaken by your Company during the year included construction of roads, water supply, community hall, skill development, healthcare, education and other activities.

Corporate Governance

Corporate Governance has become one of the yardstick to measure the performance of a body corporate. Northern Coalfields Limited is completely dedicated to follow the principles enshrined in the guidelines on Corporate Governance issued by the Department of Public Enterprises for the Central Public Sector Enterprises since May, 2010. Your company has established a system for monitoring compliances of various laws, the Code of Conduct of Board Members and Senior Management Personnel of the Company, functioning of Audit Committee as per the terms of reference and composition of Board of Directors as per guidelines excluding compliance with regard to appointment of Independent Directors which is being considered by Ministry of Coal/ Coal India Limited. NCL Board has constituted a Nomination & Remuneration Committee in its 202nd meeting for carrying out its functions and further a Risk Management Committee was constituted for monitoring the risks of the Company. A separate section on Corporate Governance has been added to the Directors' Report. The Statutory Auditor has also issued a Certificate regarding compliance of conditions of Corporate Governance during the year 2016-17. Furthermore, in compliance of the Companies Act, 2013, Secretarial Audit was done for the year 2016-17.

Human Resource

Your Company followed the concept of workers participation in management and maintained cordial industrial relations. Your Company also paid due attention on employees welfare and social amenities. Manpower strength of the company (excluding apprentices under the Apprentices Act, 1961) as on 31st March, 2017 was 15357 against 16078 as on 31st March, 2016. NCL has a Central Excavation Training Institute (CETI) at Singrauli and nine Vocational Training Centers (VTCs) in different projects. Need based training is provided to Workmen, Operators, Supervisors and front line Managers. Employees of the Company are also sponsored for training to reputed professional Institutes in India and Abroad. Training to Directors and senior management is also given as per the policy of Coal India limited/MOC/ DPE.

Environmental Management

NCL has well defined & documented Manual, policy, procedures and guidelines for sustainable development under its integrated Management system (IMS) complying with international standards of ISO 9001:2008, ISO 14001:2004 and OHSAS 18001:2007. NCL has obtained forest clearances to the Projects from the Govt. of India and State Governments. NCL has undertaken various forest and ecological mitigative measures like compensatory afforestation in lieu of the diverted forest land for mining, biological reclamation through plantations, safety zones and Social Afforestation. During the Year a total of 85.36 lakhs plant saplings have been planted under social afforestation programme and 148.66 lakhs saplings under Biological reclamation, totaling to about 234.03 lakhs saplings. The Company takes necessary measures for air, water and noise pollution control. All mines are operating with Environmental Clearances.





I.T. Initiatives.

Your company is keen in taking IT initiatives. GPS based vehicle tracking system for coal transportation along with RFID system, boom barrier, camera for snapshot and integration with existing weighbridge system being executed. A comprehensive CCTV surveillance system is also being executed. COALNET, an ERP package, is being implemented in two phases. The 1st phase which covers, PIS (Personnel Information System), FIS (Finance Information System) and payroll modules, had been completed. The 2nd phase consisting of Material Management, Maintenance, Production and Sales module shall be taken up shortly. GPS based OITDS (Operator Independent Truck Dispatch System), is operative in 5 projects namely Jayant, Amlohri, Khadia, Dudhichua and Nigahi. Online File Tracking system and Online Bill Tracking system are already in operation. Full - fledged actions are being taken for the introduction of CoalNet system all the company Projects.

E-Procurement and Reverse Auction

E-procurement has been launched in NCL in the month of October 2013. All the projects of NCL have started tendering through e-procurement for goods and Works & Services for estimated value of Rs 2 lacs and above from Feb'15. e-procurement based on revised guidelines with provisions for Reverse auction and payment and auto refund of EMD is operative.

Recognitions and Awards

The Government of India recognized the contribution and relevance of NCL and conferred it with the status of a Mini Ratna (Category-I) in accordance with the provisions of the Department of Public Enterprise's (DPE's) guidelines in 2007.

India's Best Public Sector Undertaking Awards, 2016 was awarded to NCL for the 'Most Efficient Miniratna of the year – Non Manufacturing'

The Department of Public Enterprise's directions provide for grant of enhanced autonomy and delegation of powers to the profit making public sector enterprises (PSEs) as a policy objective, for making the public sector more efficient and competitive. Impressive performance of NCL would definitely lead for getting excellent MoU rating for the year 2016-17.

NCL was conferred awards/accolades for its contribution in various areas viz. the prestigious "Corporate Vigilance Excellence Award 2016-17" under Mining Sector at the 8th Conclave of Vigilance Officers organized by Institute of Public Enterprises, Hyderabad, "50 Top PSU Organizations with Innovative HR Practices" by Asia Pacific Human Resource Management Congress, Bangalore, "Rajbhasha Shree" & "Rajbhasha Kirti" Samman by Bhartiya Rajbhasha Vikas Sansthan, Dehradun, "Gold Award" (Environment Management) by Greentech Foundation, Hyderabad, "Skoch BSE Award" for Eco restoration of degraded mining land and development of Bio-diversity in 2 Mines (5 Hact. each) from Skoch Group , Mumbai, " R&R Award" as the best subsidiary based on the quantity of land acquired and taken under possession, by Coal India Ltd, 2nd Prize in Environmental management by Coal India Limited and prestigious " BT-CSR award" by Bureaucracy Today, New Delhi for the installation of 38 RO plants of capacity 500-1000 L/Hour in 22 villages of Singrauli and Sonbhadra districts by NCL. Beside these achievements NCL also showed its presence in scientific world by grabbing "Best Poster Display Award" in 6th Coal Summit 2016, New Delhi and "The Best Paper Presentation Award" in International Conference on Emerging Trends in Materials and Manufacturing Engineering, iMME-17 by Indian Welding Society (IWS), Indian Institute of Metals (IIM) and NIT Trichy.

Acknowledgement:

The physical and financial results achieved by NCL have been possible due to relentless efforts made by the employees of the Company, trade unions and Officer's Association as well as help extended by CIL and Ministry of Coal. I believe that the kind of employee involvement, commitment and level of expertise now available in the company would be a source of great comfort for the future commitments. I am confident that we shall continue to move for achieving greater heights in the years to come and meet the challenges and the expectations of the shareholders with dedicated commitment and performance at all levels as in the past.

I express my sincere thanks to all shareholders, Ministry of Coal, other ministries and departments, state governments, all employees, trade unions, customers and vendors for their whole hearted support and relentless co-operation.

Date:05/07/2017

Place: Singrauli.

Sd/-
(T.K.Nag)

Chairman-cum-Managing Director

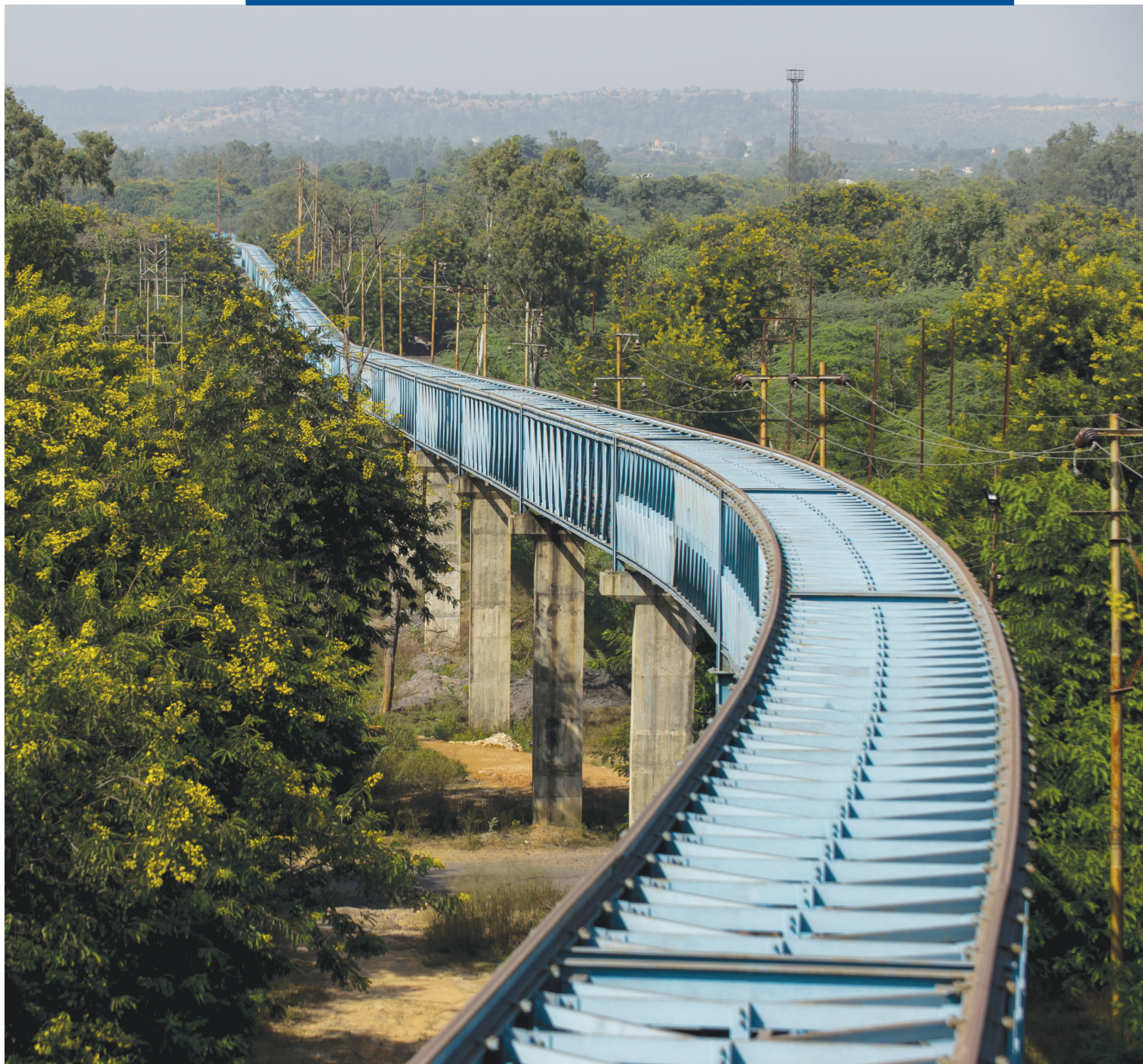




NORTHERN COALFIELDS LIMITED

ANNUAL FINANCIAL STATEMENTS

2016-17



DALAL STREET
INVESTMENT JOURNAL
DEMOCRATIZING WEALTH CREATION

**India's Best Public Sector Undertaking
Awards, 2016**

ROLL OF HONOUR


In recognition of the achievements and contributions
This certificate is awarded to

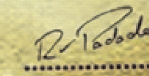
Northern Coalfields Limited

for the "Most efficient Miniratna of the year (Non-Manufacturing)"



Awarded on
May, 10th 2017


.....
Executive Editor


.....
Managing Director



NORTHERN COALFIELDS LIMITED

(Rs. in Crore)

BALANCE SHEET	Note No.	As at		
		31.03.2017	31.03.2016 (Restated)	01.04.2015 (Restated)
ASSETS				
Non-Current Assets				
(a) Property, Plant & Equipments	3	2,966.69	3,009.18	2,865.61
(b) Capital Work in Progress	4	1,222.19	700.87	611.09
(c) Exploration and Evaluation Assets	5	162.88	140.27	113.09
(d) Other Intangible Assets	6	-	-	-
(e) Intangible Assets under Development				
(f) Investment Property				
(g) Financial Assets				
(i) Investments	7	-	-	-
(ii) Loans	8	7.96	9.96	12.42
(iii) Other Financial Assets	9	778.34	630.00	455.66
(h) Deferred Tax Assets (net)		62.10	16.35	413.47
(i) Other non-current assets	10	75.37	126.73	99.82
Total Non-Current Assets (A)		5,275.53	4,633.36	4,571.16
Current Assets				
(a) Inventories	12	1,091.01	976.04	835.92
(b) Financial Assets				
(i) Investments	7	51.31	-	61.62
(ii) Trade Receivables	13	594.40	898.26	619.61
(iii) Cash & Cash equivalents	14	233.52	351.80	110.21
(iv) Other Bank Balances	15	3,228.96	4,458.16	6,705.45
(v) Loans	8	2.43	2.92	2.95
(vi) Other Financial Assets	9	293.95	878.80	999.93
(c) Current Tax Assets (Net)		712.64	-	-
(d) Other Current Assets	11	1,914.31	1,693.08	1,732.38
Total Current Assets (B)		8,122.53	9,259.06	11,068.07
Total Assets (A + B)		13,398.06	13,892.42	15,639.23





ANNUAL REPORT 2016-17

(Rs. in Crore)

BALANCE SHEET	Note No.	As at		
		31.03.2017	31.03.2016 (Restated)	01.04.2015 (Restated)
EQUITY AND LIABILITIES				
Equity				
(a) Equity Share Capital	16	136.56	177.67	177.67
(b) Other Equity	17	2,658.19	4,076.70	5,733.68
Equity attributable to equityholders of the company		2,794.75	4,254.37	5,911.35
Non-Controlling Interests		-	-	-
Total Equity (A)		2,794.75	4,254.37	5,911.35
Liabilities				
Non-Current Liabilities				
(a) Financial Liabilities				
(i) Borrowings	18	-	-	-
(ii) Trade Payables				
(iii) Other Financial Liabilities	20	109.46	137.17	145.63
(b) Provisions	21	6,163.34	6,279.15	6,529.02
(c) Other Non-Current Liabilities	22	6.87	-	-
Total Non-Current Liabilities (B)		6,279.67	6,416.32	6,674.65
Current Liabilities				
(a) Financial Liabilities				
(i) Borrowings	18	250.00	-	-
(ii) Trade payables	19	580.03	451.83	435.15
(iii) Other Financial Liabilities	20	136.55	95.09	118.91
(b) Other Current Liabilities	23	2,799.46	2,116.01	1,982.22
(c) Provisions	21	531.51	497.45	493.92
(d) Current Tax Liabilities (net)		26.09	61.35	23.03
Total Current Liabilities (C)		4,323.64	3,221.73	3,053.23
Total Equity and Liabilities (A + B + C)		13,398.06	13,892.42	15,639.23

The Accompanying Notes form an integral part of Financial Statements.

As per our report annexed
For P. L. Tandon & Co.
Chartered Accountants
Firm Regn. No. 000186C

On Behalf of the Board

Sd/-
(CA P.P. Singh)
Partner
M. No. 072754

Sd/-
(T. K. Nag)
Chairman-cum-
managing
Director
DIN- 02219348

Sd/-
(P.S.R.K. Sastry)
Director
(Finance)
& C.F.O.
DIN-07163164

Sd/-
(C. Basu)
General Manager
(Finance)

Sd/-
(P. Lazar)
Company Secretary

Date : 26.05.2017
Place : Varanasi





NORTHERN COALFIELDS LIMITED

(Rs. in Crore)

	STATEMENT OF PROFIT & LOSS	Note No.	For the year ended 31.03.2017	For the year ended 31.03.2016
	Revenue from Operations	24		
A	Sales (Net of Levies other than Excise duty)		11,035.67	10,535.04
B	Other Operating Revenue (Net)		258.32	241.76
(I)	Revenue from Operations (A + B)		11,293.99	10,776.80
(II)	Other Income	25	676.37	907.24
(III)	Total Income (I + II)		11,970.36	11,684.04
(IV)	EXPENSES			
	Cost of Materials Consumed	26	1,849.18	1,748.56
	Changes in inventories of finished goods/work in progress and Stock in trade	27	1.12	(174.39)
	Excise Duty		798.39	693.45
	Employee Benefits Expense	28	2,111.90	1,824.49
	Power Expense		295.34	281.33
	Corporate Social Responsibility Expense	29	77.33	153.97
	Repairs	30	249.37	225.61
	Contractual Expense	31	2,277.55	2,121.25
	Finance Costs	32	52.47	61.04
	Depreciation/Amortization/ Impairment expense		499.98	439.44
	Provisions (Net of Reversal)	33	47.37	56.21
	Write off (Net of past provisions)	34	-	30.27
	Stripping Activity Adjustment (Net)*		(57.37)	(311.33)
	Other Expenses	35	647.29	421.26
	Total Expenses (IV)		8,849.92	7,571.16
(V)	Profit before exceptional items and Tax (I-IV)		3,120.44	4,112.88
(VI)	Exceptional Items			
(VII)	Profit before Tax (V-VI)		3,120.44	4,112.88
(VIII)	Tax expense	36	1,017.13	1,359.92
(IX)	Profit for the period from continuing operations (VII-VIII)		2,103.31	2,752.96
	*Refer Footnote to the Note 21 - Non Current			
(X)	Profit/(Loss) from discontinued operations			
(XI)	Tax exp of discontinued operations			
(XII)	Profit/(Loss) from discontinued operations (after Tax) (X-XI)			
(XIII)	Share in JV's/Associate's profit/(loss)			
(XIV)	Profit for the Period (IX + XII + XIII)		2,103.31	2,752.96
	Other Comprehensive Income	37		
	A (i) Items that will not be reclassified to profit or loss		(29.44)	(7.55)
	(ii) Income tax relating to items that will not be reclassified to profit or loss		10.19	2.61
	B(i) Items that will be reclassified to profit or loss		-	-
	(ii) Income tax relating to items that will be reclassified to profit or loss		-	-
(XV)	Total Other Comprehensive Income		(19.25)	(4.94)





(Rs. in Crore)

	STATEMENT OF PROFIT & LOSS	Note No.	For the year ended 31.03.2017	For the year ended 31.03.2016
(XVI)	Total Comprehensive Income for the period (XIV + XV) (Comprising Profit (Loss) and Other Comprehensive Income for the period)		2,084.06	2,748.02
	Profit attributable to:			
	Owners of the company		2,103.31	2,752.96
	Non-controlling interest			
	Other Comprehensive Income attributable to:		2,103.31	2,752.96
	Owners of the company		(19.25)	(4.94)
	Non-controlling interest			
			(19.25)	(4.94)
	Total Comprehensive Income attributable to:			
	Owners of the company		2,084.06	2,748.02
	Non-controlling interest			
			2,084.06	2,748.02
(XVII)	Earnings per equity share (for continuing operation):			
	(1) Basic		11,903.33	15,466.75
	(2) Diluted		11,903.33	15,466.75
(XVIII)	Earnings per equity share (for discontinued operation):			
	(1) Basic		-	-
	(2) Diluted		-	-
(XIX)	Earnings per equity share (for discontinued & continuing operation):			
	(1) Basic		11,903.33	15,466.75
	(2) Diluted		11,903.33	15,466.75

Reference of EPS calculation in Note (38)

The Accompanying Notes form an integral part of Financial Statements.

As per our report annexed

For P. L. Tandon & Co.

Chartered Accountants

Firm Regn. No. 000186C

Sd/-
(CA P.P. Singh)
Partner

M. No. 072754

Date : 26.05.2017
Place : Varanasi

Sd/-
(T. K. Nag)
Chairman-cum-
managing
Director
DIN-02219348

Sd/-
(C. Basu)
General Manager
(Finance)

Sd/-
(P.S.R.K. Sastry)
Director
(Finance)
& C.F.O.
DIN-07163164

Sd/-
(P. Lazar)
Company
Secretary





NORTHERN COALFIELDS LIMITED

(Rs. in Crores)

Cash Flow Statement (Indirect Method)	For the year ended 31.03.2017	For the year ended 31.03.2016
Total Comprehensive Income before tax	3,091.00	4,105.33
<i>Adjustments for :</i>		
Depreciation/ Impairment on Fixed Assets	499.98	439.44
Interest Income from Bank Deposits	(539.04)	(852.21)
Loss/ Profit on sale of Fixed Assets	4.58	0.38
Provision made and Write-off during the period	47.37	86.48
Dividend Income from Investments	(1.31)	(2.35)
Gain on Exchange Rate Variance	(7.17)	-
Stripping Activity Adjustment (Net)	(57.37)	(311.33)
Finance Costs	52.47	61.04
Operating Profit before Current/Non-Current Assets & Liabilities	3,090.51	3,526.78
Adjustment for :		
Trade Receivables	287.11	363.99
Inventories	(125.63)	(141.97)
Trade Payables	128.20	16.68
Short/Long Term Loans/Advances & Other Current Assets	144.16	(1,531.89)
Short/Long Term Liabilities and Provisions	597.06	675.92
Cash Generated from Operations	4,121.41	2,909.51
Income tax Paid	(1,806.48)	(908.87)
Net Cash Flow from Operating Activities (A)	2,314.93	2,000.64
II. CASH FLOW FROM INVESTING ACTIVITIES		
Purchase of Fixed Assets	(1,009.79)	(704.16)
Proceeds From Sale of Equipments	3.79	3.81
Grant received for development of infrastructure	6.87	-
Dividend from Investments	1.31	2.35
Purchase/ Sale of Investments (Net)	(51.31)	61.62
Interest received (including TDS)	681.74	1,036.01
Investment in Bank Deposit /Deposit Accounts	1,228.25	2,246.76
Net Cash from Investing Activities (B)	860.86	2,646.39
III. CASH FLOW FROM FINANCING ACTIVITIES		
Buyback of Shares*	(1,244.12)	-
Loan received from CIL	250.00	-
Interest & Finance Cost pertaining to Financing Activities	(0.39)	(0.44)
Dividend, Dividend Tax & Tax on Distributed Income (Buy Back)	(2,299.56)	(4,405.00)
Net Cash used in Financing Activities (C)	(3,294.07)	(4,405.44)
Net Increase/ (Decrease) in Cash and Cash Equivalents (A)+(B)+(C)	(118.28)	241.59
Cash and Cash Equivalents (Opening Balance)	351.80	110.21
Cash and Cash Equivalents (Closing balance)	233.52	351.80
<i>(All figures in bracket represent outflow)</i>		
<i>*Buyback of 411135 Equity Shares at the rate of Rs. 30,260.70 per share of NCL (as approved by NCL Board in 213th meeting on 09.03.2017)</i>		

As per our report annexed

On Behalf of the Board

For P. L. Tandon & Co.
Chartered Accountants
Firm Regn. No. 000186C

Sd/-
(CA P.P. Singh)
Partner
M. No. 072754

Date : 26.05.2017
Place : Varanasi

Sd/-
(T. K. Nag)
Chairman-cum-
managing
Director
DIN- 02219348

Sd/-
(P.S.R.K. Sastry)
Director
& C.F.O.
DIN-07163164

Sd/-
(C. Basu)
General Manager
(Finance)

Sd/-
(P. Lazar)
Company
Secretary





ANNUAL REPORT 2016-17

STATEMENT OF AUDITED RESULTS FOR THE QUARTER AND YEAR ENDED 31.03.2017

Sl. No.	Particulars	Quarter ended			Year ended	
		31.03.2017 Audited	31.12.2016 Unaudited	31.03.2016 (Restated) Audited	31.03.2017 Audited	31.03.2016 (Restated) Audited
1	Income from Operations					
	Gross Sales	4,882.95	4,469.95	4,332.44	17,676.81	14,683.99
	Less: Other Levies	1,767.38	1,689.19	1,369.14	6,641.14	4,148.95
(a)	Net Sales/ Income from operations (Net of excise duty & other levies)	3,115.57	2,780.76	2,963.30	11,035.67	10,535.04
(b)	Other operating income	66.63	69.50	63.38	243.72	228.08
	Total income from operations (Net) (a + b)	3,182.20	2,850.26	3,026.68	11,279.39	10,763.12
2	Expenses					
(a)	Cost of materials consumed	583.72	470.50	506.57	1,849.18	1,748.56
(b)	Changes in inventories of finished goods, work-in-progress and stock-in-trade	(93.13)	(31.50)	(194.19)	1.12	(174.39)
(c)	Excise Duty	212.30	200.80	198.64	783.79	679.77
(d)	Employee benefits expense	598.51	436.39	501.04	2,111.90	1,824.49
(e)	Depreciation/amortisation/impairment expense	151.14	117.52	125.55	499.98	439.44
(f)	Power Expense	76.16	75.68	71.74	295.34	281.33
(g)	Corporate Social Responsibility expense	26.38	13.11	37.66	77.33	153.97
(h)	Repairs	75.25	64.89	70.62	249.37	225.61
(i)	Contractual expense	656.80	604.40	576.43	2,277.55	2,121.25
(j)	Other expenses	211.73	154.92	141.93	647.29	421.26
(k)	Provisions/write off	93.35	(15.01)	58.31	47.37	86.48
(l)	Stripping Activity Adjustment	153.07	13.70	(25.40)	(57.37)	(311.33)
	Total expenses (a to k)	2,745.28	2,105.40	2,068.90	8,782.85	7,496.44
3	Profit/ (Loss) from operations before other income, finance costs and exceptional items (1-2)	436.92	744.86	957.78	2,496.54	3,266.68
4	Other income	289.26	115.03	199.65	676.37	907.24
5	Profit / (Loss) from ordinary activities before finance costs and exceptional items (3 + 4)	726.18	859.89	1,157.43	3,172.91	4,173.92
6	Finance costs	13.16	13.11	15.21	52.47	61.04
7	Profit / (Loss) from ordinary activities after finance costs but before exceptional items (5-6)	713.02	846.78	1,142.22	3,120.44	4,112.88
8	Exceptional items	-	-	-	-	-
9	Profit / (Loss) from ordinary activities before tax (7-8)	713.02	846.78	1,142.22	3,120.44	4,112.88
10	Tax expense (including earlier year adjustment)	357.55	110.85	414.23	1,017.13	1,359.92
11	Net Profit / (Loss) for the period (9-10) [A]	355.47	735.93	727.99	2,103.31	2,752.96
12	Other Comprehensive Income/ (loss) [B] (net of tax)	15.57	11.81	14.97	(19.25)	(4.94)
13	Total Comprehensive Income/(loss) [A + B]	371.04	747.74	742.96	2,084.06	2,748.02
14	Paid-up equity share capital (13,65,593 Equity shares of Face Value Rs. 1000/- each fully paid-up) (17,76,728 Equity shares as on 31.12.2016 & 31.03.2016)	136.56	177.67	177.67	136.56	177.67
15	Earnings per share (EPS) (before extraordinary items) (of Rs.1000/- each) (not annualised) (in Rs.)					
(a)	Basic	2,219.59	4,208.52	4,181.62	11,903.33	15,466.75
(b)	Diluted	2,219.59	4,208.52	4,181.62	11,903.33	15,466.75
	See accompanying notes to the financial results					

As per our report annexed
For P. L. Tandon & Co.
Chartered Accountants
Firm Regn. No. 000186C

Sd/-
(CA P.P. Singh)
Partner
M. No. 072754

Date : 26.05.2017
Place : Varanasi

On Behalf of the Board

Sd/-
(T. K. Nag)
Chairman-cum-managing
Director
DIN- 02219348

Sd/-
(C. Basu)
General Manager (Finance)

Sd/-
(P.S.R.K. Sastry)
Director (Finance)
& C.F.O.
DIN-07163164

Sd/-
(P. Lazar)
Company Secretary



Statement of Assets & Liabilities

	Particulars	As at	
		31.03.2017	31.03.2016 (Restated)
A	EQUITY AND LIABILITIES		
(1)	Shareholders' Fund		
	a) Share Capital	136.56	177.67
	b) Reserves & Surplus	2,658.19	4,076.70
	Sub-total Shareholder's Fund	2,794.75	4,254.37
(2)	Non-Current Liabilities		
	a) Long Term Borrowing	-	-
	b) Deferred Tax Liabilities (Net)	-	-
	c) Other Long Term Liabilities	116.33	137.17
	d) Long Term Provisions	6,163.34	6,279.15
	Sub-total Non-current Liabilities	6,279.67	6,416.32
(3)	Current Liabilities		
	a) Short Term Borrowing	250.00	-
	b) Trade Payables	580.03	451.83
	c) Other Financial Liabilities	136.55	95.09
	d) Other Current Liabilities	2,799.46	2,116.01
	e) Short Term Provisions	531.51	497.45
	f) Current Tax Liabilities (net)	26.09	61.35
	Sub-total Current Liabilities	4,323.64	3,221.73
	Total Equity & Liabilities	13,398.06	13,892.42
B	ASSETS		
(1)	Non-Current Assets		
	a) Property, Plant & Equipments	2,966.69	3,009.18
	b) Capital Work in Progress	1,222.19	700.87
	c) Exploration and Evaluation Assets	162.88	140.27
	d) Non Current Assets Held for Sale	-	-
	e) Non-Current Investment	-	-
	f) Deferred Tax Assets (Net)	62.10	16.35
	g) Long Term Loans & Advances	7.96	9.96
	h) Other Financial Assets	778.34	630.00
	i) Other Non-Current Assets	75.37	126.73
	Sub-total Non-current Assets	5,275.53	4,633.36
(2)	Current Assets		
	a) Current Investments	51.31	-
	b) Inventories	1,091.01	976.04
	c) Trade Receivables	594.40	898.26
	d) Cash & Cash equivalents	233.52	351.80
	e) Other Bank Balances	3,228.96	4,458.16
	f) Short Term Loans & Advances	2.43	2.92
	g) Other Financial Assets	293.95	878.80
	h) Current Tax Assets (Net)	712.64	0.00
	i) Other Current Assets	1,914.31	1,693.08
	Sub-total Current Assets	8,122.53	9,259.06
	Total Assets	13,398.06	13,892.42





ANNUAL REPORT 2016-17

Notes:

1) Transition to Indian Accounting Standards (“Ind AS”)

The financial results for the Year ended 31st March, 2017, are in accordance with Ind AS notified by Ministry of Corporate Affairs (“MCA”) under the Companies (Indian Accounting Standards) Rules, 2015.

2) The comparative figures of previous year i.e. for the Year ended 31st March, 2016, have been restated after adjustments as per IND AS.

3) The above statement of financial results was reviewed by Audit Committee and approved by the Board of Directors. The Statutory Auditors have conducted the audit.

4) Previous period’s figures have been rearranged/regrouped/recasted wherever considered necessary to make them comparable with those of current period.

5) **Reconciliation of Net Profit for the figures of previous period on account of transaction from the previous Indian GAAP to IND AS is given below:**

(Rs. in crore)

Sl. No.	Nature of Adjustments	Year ended 31.03.2016
	Net Profit as per previous Indian GAAP (after tax)	2,722.50
1	Remeasurement of Mine Closure Provision as per Ind AS 16 (Net of tax)	33.29
2	Actuarial loss/gain on remeasurement of employee defined benefit plan as per Ind AS 19 recognised in “Other Comprehensive Income” (Net of tax)	4.94
3	Transfer of Prior period adjustments from P&L to retained earnings as per Ind AS 8 (Net of tax)	(7.77)
	Net Profit as per Ind AS (after tax) attributable to equity shareholders	2,752.95
	Other Comprehensive Income (after tax)	(4.94)
	Total Comprehensive Income as per Ind AS (after tax) attributable to equity shareholders	2,748.02

6) **The reconciliation as on 01.04.2015 (Transition Date) and as at year ended 31st March 2016 of Equity reported under erstwhile Indian GAAP (IGAAP) and Equity restated under Ind As are summarised below:**

Particulars	As on	
	01.04.2015	31.03.2016
Equity as per Indian GAAP	5,877.36	4,194.86
<i>Ind AS Adjustment</i>		
Mine Closure Provision as per Ind AS 16 (Net of Tax)	26.22	59.51
Effects of Prior period Adjustment (Net of Tax)	7.77	-
Proposed Dividend and Tax thereon		
Debt component of compound financial instrument		
Unwinding of discounting on Compound Financial Instrument		
Other Adjustments (to be specified)		
Equity as per Ind AS	5,911.35	4,254.37

As per our report annexed

On Behalf of the Board

For P. L. Tandon & Co.
Chartered Accountants
Firm Regn. No. 000186C

Sd/-
(CA P.P. Singh)
Partner
M. No. 072754

Sd/-
(T. K. Nag)
Chairman-cum-managing
Director
DIN- 02219348

Sd/-
(C. Basu)
General Manager (Finance)

Sd/-
(P.S.R.K. Sastry)
Director (Finance)
& C.F.O.
DIN-07163164

Sd/-
(P. Lazar)
Company Secretary

Date : 26.05.2017
Place : Varanasi



NORTHERN COALFIELDS LIMITED

STATEMENT OF CHANGES IN EQUITY FOR THE YEAR ENDED 31.03.2017

A. EQUITY SHARE CAPITAL						
Particulars	Balance as at 01.04.15	Changes In Equity Share Capital During The Year	Balance as at 31.03.16	Balance as at 01.04.16	Changes In Equity Share Capital During The Year*	Balance as at 31.03.17
13,65,593 Equity shares of Rs. 1000/- each fully paid-up (17,76,728 as on 01.04.15 & 31.03.2016)	177.67	-	177.67	177.67	(41.11)	136.56

B. OTHER EQUITY								
	Capital Redemption reserve	CSR Reserve	Sustainable Development Reserve	General Reserve	Retained Earnings	Total of Other equity attributable to equity holders	Non-Controlling Interests	Total
Balance as at 01.04.2015	400.00			3,023.95	2,275.74	5,699.69		5,699.69
Changes in accounting policy					26.22	26.22		26.22
Prior period errors					7.77	7.77		7.77
Restated balance as at 01.04.2015	400.00	-	-	3,023.95	2,309.73	5,733.68	-	5,733.68
Total Comprehensive Income for the year					2,748.02	2,748.02		2,748.02
Interim Dividend					(3,659.92)	(3,659.92)		(3,659.92)
Corporate Dividend tax					(745.08)	(745.08)		(745.08)
Transfer to/ from Other Reserves				136.13		136.13		136.13
Transfer to/ from General Reserve					(136.13)	(136.13)		(136.13)
Balance as at 31.03.2016	400.00	-	-	3,160.08	516.62	4,076.70	-	4,076.70
Balance as at 01.04.2016	400.00	-	-	3,160.08	516.62	4,076.70		4,076.70
Changes in accounting policy or prior period errors/ Other Adj.						-		-
Restated balance as at 01.04.2016	400.00	-	-	3,160.08	516.62	4,076.70	-	4,076.70
Total Comprehensive Income for the year					2,084.06	2,084.06		2,084.06
Interim Dividend					(1,680.00)	(1,680.00)		(1,680.00)
Corporate Dividend tax					(342.00)	(342.00)		(342.00)
Tax on Distributed Income (Buy Back)					(277.56)	(277.56)		(277.56)
Buyback of Shares*				(1,203.01)		(1,203.01)		(1,203.01)
Transfer to/ from Other Reserves	41.11			104.20		145.31		145.31
Transfer to/ from General Reserve				(41.11)	(104.20)	(145.31)		(145.31)
Balance as at 31.03.2017	441.11	-	-	2,020.16	196.92	2,658.19	-	2,658.19

*Buyback of 411135 Equity Share at the rate of Rs. 30,260.70 per share of NCL (as approved by NCL Board in 213th meeting held on 09.03.2017)





NOTES TO FINANCIAL STATEMENTS

Note -1 : CORPORATE INFORMATION

Northern Coalfields Limited (NCL) has voluntarily chosen to implement a companywide comprehensive and unified Integrated Management System (IMS) complying to Standards ISO 9001:2008, ISO 14001:2004 and OHSAS 18001:2007 for simultaneous management of economic, environmental and occupational health and safety. The company has framed its own Corporate Management Policy and committed to achieve the organizational objectives and targets.

Northern Coalfields Limited was formed in November 1985 as a subsidiary company of Coal India Limited. Its headquarter is located at Singrauli, Distt. Singrauli (M.P.). Singrauli is connected by road with Varanasi (220 Km), The nearest railway station is Singrauli located on the Katni-Chopan branch line running parallel to the northern boundary of the Coalfield. The nearest railway station for reaching directly to Delhi is Renukoot that is located on the Garhwa-Chopan rail-line. Nearest (private) airstrip is at Muirpur (60 Km.).

The area of Singrauli Coalfields is about 2202 Sq.Km. The coalfield can be divided into two basins, viz. Moher sub-basin (312 Sq.Km.) and Singrauli Main basin (1890 Sq.Km.). Major part of the Moher sub-basin lies in the Sidhi district of Madhya Pradesh and a small part lies in the Sonebhadra district of Uttar Pradesh. Singrauli main basin lies in the western part of the coalfield and is largely unexplored. The present coal mining activities and future blocks are concentrated in Moher sub-basin.

The information of CIL Group is provided in Note no. 38 .

Note - 2 : SIGNIFICANT ACCOUNTING POLICIES

2.1 Basis of preparation of financial statements

The financial statements of the Company have been prepared in accordance with Indian Accounting Standards (Ind AS) notified under the Companies (Indian Accounting Standards) Rules, 2015.

For all periods up to and including the year ended 31st March 2016, the Company prepared its financial statements in accordance with Accounting Standards (AS) notified under section 133 of the Companies Act 2013, read together with paragraph 7 of the Companies (Accounts) Rules, 2014 and in accordance with companies (Accounting Standards), Rules 2006. These financial statements for the year ended 31st March 2017 are the first financial statements of the Company prepared in accordance with Ind AS. Refer to Note no. 38.6 for information on first time adoption of Ind AS.

The financial statements have been prepared on historical cost basis of measurement, except for

- certain financial assets and liabilities measured at fair value (refer accounting policy on financial instruments in para 2.14);
- Defined benefit plans- plan assets measured at fair value;
- Inventories at Cost or NRV whichever is lower (refer accounting policy in para no. 2.20).

2.1.1 Rounding of amounts

Amounts in these financial statements have, unless otherwise indicated, have been rounded off to 'rupees in crore' up to two decimal points.

2.2 Current and non-current Classification

The Company presents assets and liabilities in the Balance Sheet based on current/ non-current classification. An asset is treated as current by the Company when:

- (a) It expects to realize the asset, or intends to sell or consume it, in its normal operating cycle;
- (b) It holds the asset primarily for the purpose of trading;



- (c) It expects to realize the asset within twelve months after the reporting period; or
- (d) The asset is cash or a cash equivalent (as defined in Ind AS 7) unless the asset is restricted from being exchanged or used to settle a liability for at least twelve months after the reporting period. All other assets are classified as non-current.

A liability is treated as current by the Company when:

- (a) It expects to settle the liability in its normal operating cycle;
- (b) It holds the liability primarily for the purpose of trading;
- (c) The liability is due to be settled within twelve months after the reporting period; or
- (d) It does not have an unconditional right to defer settlement of the liability for at least twelve months after the reporting period. Terms of a liability that could, at the option of the counterparty, result in its settlement by the issue of equity instruments do not affect its classification.

All other liabilities are classified as non-current.

2.3 Revenue recognition

2.3.1 Revenue from sale of goods

Revenue from the sale of goods is recognized when all the following conditions have been satisfied:

- (a) The Company has transferred to the buyer the significant risks and rewards of ownership of the goods;
- (b) The Company retains neither continuing managerial involvement to the degree usually associated with ownership nor effective control over the goods sold;
- (c) The amount of revenue can be measured reliably;
- (d) It is probable that the economic benefits associated with the transaction will flow to the Company; and
- (e) The costs incurred or to be incurred in respect of the transaction can be measured reliably.

Revenue is measured at the fair value of the consideration received or receivable, taking into account contractually defined terms of payment and excluding taxes, levies or duties collected on behalf of the government/ other statutory bodies.

Advances received from the customers are reported as customer's deposits unless the above conditions for revenue recognition are met.

However, based on the educational material on Ind AS 18 issued by The Institute of Chartered Accountants of India, the Company has assumed that recovery of excise duty flows to the Company on its own account. This is for the reason that it is a liability of the manufacturer which forms part of the cost of production, irrespective of whether the goods are sold or not. Since the recovery of excise duty flows to the Company on its own account, gross revenue includes excise duty.

However, other taxes, levies or duties are not considered to be received by the Company on its own account and are excluded from net revenue.

2.3.2 Interest

Interest income is recognized using the Effective Interest Method.

2.3.3 Dividend

Dividend income from investments is recognised when the rights to receive payment is established.

2.3.4 Other Claims

Other claims (including interest on delayed realization from customers) are accounted for, when there is certainty of realisation and can be measured reliably.





2.3.5 Rendering of Services

When the outcome of a transaction involving the rendering of services can be estimated reliably, revenue associated with the transaction is recognised with reference to the stage of completion of the transaction at the end of the reporting period. The outcome of a transaction can be estimated reliably when all the following conditions are satisfied:

- (a) The amount of revenue can be measured reliably;
- (b) It is probable that the economic benefits associated with the transaction will flow to the Company;
- (c) The stage of completion of the transaction at the end of the reporting period can be measured reliably; and
- (d) the costs incurred for the transaction and the costs to complete the transaction can be measured reliably.

2.4 Grants from Government

Government Grants are not recognised until there is reasonable assurance that the company will comply with the conditions attached to them and that there is reasonable certainty that grants will be received.

Government grants are recognised in Statement of Profit & Loss on a systematic basis over the periods in which the company recognises as expenses the related costs for which the grants are intended to compensate.

Government Grants/assistance related to assets are presented in the balance sheet by setting up the grant as deferred income and are recognised in Statement of Profit and Loss on systematic basis over the useful life of asset.

Grants related to income (i.e. grant related to other than assets) are presented as part of statement of profit and loss under the head 'Other Income'.

A government grant that becomes receivable as compensation for expenses or losses already incurred or for the purpose of giving immediate financial support to the Company with no future related costs, is recognised in profit or loss of the period in which it becomes receivable.

The Government grants or in the nature of promoters contribution are recognised directly in "Capital Reserve" which forms part of the "Shareholders fund".

2.5 Leases

A finance lease is a lease that transfers substantially all the risks and rewards incidental to ownership of an asset. Title may or may not eventually be transferred.

An operating lease is a lease other than a finance lease.

2.5.1 Company as a lessee

A lease is classified at the inception date as a finance lease or an operating lease.

2.5.1.1 Finance leases are capitalised at the commencement of the lease at the inception date fair value of the leased property or, if lower, at the present value of the minimum lease payments. Lease payments are apportioned between finance charges and reduction of the lease liability so as to achieve a constant periodic rate of interest on the remaining balance of the liability.

Finance charges are recognised in finance costs in the statement of profit and loss, unless they are directly attributable to qualifying assets, in which case they are capitalized in accordance with the Company's general policy on the borrowing costs.

A leased asset is depreciated over the useful life of the asset. However, if there is no reasonable certainty that the Company will obtain ownership by the end of the lease term, the asset is depreciated over the shorter of the estimated useful life of the asset and the lease term.

2.5.1.2 Operating lease - Lease payments under an operating lease is recognised as an expense on a straight-line basis over the lease term unless either:



- (a) Another systematic basis is more representative of the time pattern of the user's benefit even if the payments to the lessors are not on that basis; or
- (b) The payments to the lessor are structured to increase in line with expected general inflation to compensate for the lessor's expected inflationary cost increases. If payments to the lessor vary because of factors other than general inflation, then this condition is not met.

2.5.2 Company as a lessor

Operating leases Lease income from operating leases (excluding amounts for services such as insurance and maintenance) is recognised in income on a straight-line basis over the lease term, unless either:

- (a) Another systematic basis is more representative of the time pattern in which use benefit derived from the leased asset is diminished, even if the payments to the lessors are not on that basis; or
- (b) The payments to the lessor are structured to increase in line with expected general inflation to compensate for the lessor's expected inflationary cost increases. If payments to the lessor vary according to factors other than inflation, then this condition is not met.

Initial direct costs incurred in negotiating and arranging an operating lease are added to the carrying amount of the leased asset and recognised as an expense over the initial lease term on the same basis as lease income.

Finance leases Amounts due from lessees under finance leases are recorded as receivables at the Company's net investment in the leases. Finance lease income is allocated to accounting periods so as to reflect a constant periodic rate of return on the net investment outstanding in respect of the lease.

2.6 Non-current assets held for sale

The Company classifies non-current assets and (or disposal groups) as held for sale if their carrying amounts will be recovered principally through a sale rather than through continuing use. Actions required to complete the sale should indicate that it is unlikely that significant changes to the sale will be made or that the decision to sell will be withdrawn. Management must be committed to the sale expected within one year from the date of classification.

For these purposes, sale transactions include exchanges of non-current assets for other non-current assets when the exchange has commercial substance. The criteria for held for sale classification is regarded met only when the assets or disposal group is available for immediate sale in its present condition, subject only to terms that are usual and customary for sales of such assets (or disposal groups), its sale is highly probable; and it will genuinely be sold, not abandoned. The Company treats sale of the asset or disposal group to be highly probable when:

- The appropriate level of management is committed to a plan to sell the asset (or disposal group),
- An active programme to locate a buyer and complete the plan has been initiated
- The asset (or disposal group) is being actively marketed for sale at a price that is reasonable in relation to its current fair value,
- The sale is expected to qualify for recognition as a completed sale within one year from the date of classification, and
- Actions required to complete the plan indicate that it is unlikely those significant changes to the plan will be made or that the plan will be withdrawn.

2.7 Property, Plant and Equipment (PPE)

Land is carried at historical cost. Historical cost includes expenditure which are directly attributable to the acquisition of the land like, rehabilitation expenses, resettlement cost and compensation in lieu of employment incurred for concerned displaced persons etc.

After recognition, an item of all other Property, plant and equipment are carried at its cost less any accumulated depreciation and any accumulated impairment losses under Cost Model. The cost of an item of property, plant and equipment comprises:





ANNUAL REPORT 2016-17

- (a) Its purchase price, including import duties and non-refundable purchase taxes, after deducting trade discounts and rebates.
- (b) Any costs directly attributable to bringing the asset to the location and condition necessary for it to be capable of operating in the manner intended by management.
- (c) The initial estimate of the costs of dismantling and removing the item and restoring the site on which it is located, the obligation for which the Company incurs either when the item is acquired or as a consequence of having used the item during a particular period for purposes other than to produce inventories during that period.

Each part of an item of property, plant and equipment with a cost that is significant in relation to the total cost of the item depreciated separately. However, significant part(s) of an item of PPE having same useful life and depreciation method are grouped together in determining the depreciation charge.

Costs of the day to-day servicing described as for the 'repairs and maintenance' are recognised in the statement of profit and loss in the period in which the same are incurred.

Subsequent cost of replacing parts significant in relation to the total cost of an item of property, plant and equipment are recognised in the carrying amount of the item, if it is probable that future economic benefits associated with the item will flow to the Company; and the cost of the item can be measured reliably. The carrying amount of those parts that are replaced is derecognised in accordance with the derecognition policy mentioned below.

When major inspection is performed, its cost is recognised in the carrying amount of the item of property, plant and equipment as a replacement if it is probable that future economic benefits associated with the item will flow to the Company; and the cost of the item can be measured reliably. Any remaining carrying amount of the cost of the previous inspection (as distinct from physical parts) is derecognised.

An item of Property, plant or equipment is derecognised upon disposal or when no future economic benefits are expected from the continued use of assets. Any gain or loss arising on such derecognition of an item of property plant and equipment is recognised in profit and Loss.

Depreciation on property, plant and equipment, except freehold land, is provided as per cost model on straight line basis over the estimated useful lives of the asset as follows:

Other Land	
(incl. Leasehold Land)	: Life of the project or lease term whichever is lower
Building	: 3-60 years
Roads	: 3-10 years
Telecommunication	: 3-9 years
Railway Sidings	: 15 years
Plant and Equipment	: 5-15 years
Computers and Laptops	: 3 Years
Office equipment	: 3-6 years
Furniture and Fixtures	: 10 years
Vehicles	: 8-10 years

Based on technical evaluation, the management believes that the useful lives given above best represents the period over which the management expects to use the asset. Hence the useful lives of the assets may be different from useful lives as prescribed under Part C of schedule II of companies act, 2013.

The estimated useful life of the assets is reviewed at the end of each financial year.



The residual value of Property, plant and equipment is considered as 5% of the original cost of the asset except some items of assets such as, Coal tub, winding ropes, haulage ropes, stowing pipes & safety lamps etc. for which the technically estimated useful life has been determined to be one year with nil residual value.

Depreciation on the assets added / disposed of during the year is provided on pro-rata basis with reference to the month of addition / disposal.

Value of "Other Land" includes land acquired under Coal Bearing Area (Acquisition & Development) (CBA) Act, 1957, Land Acquisition Act, 1894, Right to Fair Compensation and Transparency in Land Acquisition, Rehabilitation and Resettlement (RFCTLAAR) Act, 2013, Long term transfer of government land etc., which is amortised on the basis of the balance life of the project; and in case of Leasehold land such amortisation is based on lease period or balance life of the project whichever is lower.

Fully depreciated assets, retired from active use are disclosed separately as surveyed off assets at its residual value under Property, plant Equipment and are tested for impairment.

Capital Expenses incurred by the company on construction/development of certain assets which are essential for production, supply of goods or for the access to any existing Assets of the company are recognised as Enabling Assets under Property, Plant and Equipment.

Transition to Ind AS

The company elected to continue with the carrying value as per cost model (for all of its property, plant and equipment as recognised in the financial statements as at the date of transition to Ind ASs, measured as per the previous GAAP.

2.8 Mine Closure, Site Restoration and Decommissioning Obligation

The company's obligation for land reclamation and decommissioning of structures consists of spending at both surface and underground mines in accordance with the guidelines from Ministry of Coal, Government of India. The company estimates its obligation for Mine Closure, Site Restoration and Decommissioning based upon detailed calculation and technical assessment of the amount and timing of the future cash spending to perform the required work. Mine Closure expenditure is provided as per approved Mine Closure Plan. The estimates of expenses are escalated for inflation, and then discounted at a discount rate that reflects current market assessment of the time value of money and the risks, such that the amount of provision reflects the present value of the expenditures expected to be required to settle the obligation. The company records a corresponding asset associated with the liability for final reclamation and mine closure. The obligation and corresponding assets are recognised in the period in which the liability is incurred. The asset representing the total site restoration cost (as estimated by Central Mine Planning and Design Institute Limited) as per mine closure plan is recognised as a separate item in PPE and amortised over the balance project/mine life.

The value of the provision is progressively increased over time as the effect of discounting unwinds; creating an expense recognised as financial expenses.

Further, a specific escrow fund account is maintained for this purpose as per the approved mine closure plan.

The progressive mine closure expenses incurred on year to year basis forming part of the total mine closure obligation is initially recognised as receivable from escrow account and thereafter adjusted with the obligation in the year in which the amount is withdrawn after the concurrence of the certifying agency.

2.9 Exploration and Evaluation Assets

Exploration and evaluation assets comprise capitalised costs which are attributable to the search for coal and related resources, pending the determination of technical feasibility and the assessment of commercial viability of an identified resource which comprises inter alia the following:

- Researching and analysing historical exploration data;
- Gathering exploration data through topographical, geo chemical and geo physical studies;





- Exploratory drilling, trenching and sampling;
- Determining and examining the volume and grade of the resource;
- Surveying transportation and infrastructure requirements;
- Conducting market and finance studies.

The above includes employee remuneration, cost of materials and fuel used, payments to contractors etc.

As the intangible component represents an insignificant/indistinguishable portion of the overall expected tangible costs to be incurred and recouped from future exploitation, these costs along with other capitalised exploration costs are recorded as exploration and evaluation asset.

Exploration and evaluation costs are capitalised on a project by project basis pending determination of technical feasibility and commercial viability of the project and disclosed as a separate line item under non-current assets. They are subsequently measured at cost less accumulated impairment/provision.

Once proved reserves are determined and development of mines/project is sanctioned, exploration and evaluation assets are transferred to "Development" under capital work in progress. However, if proved reserves are not determined, the exploration and evaluation asset is derecognised.

2.10 Development Expenditure

When proved reserves are determined and development of mines/project is sanctioned, capitalised exploration and evaluation cost is recognised as assets under construction and disclosed as a component of capital work in progress under the head "Development". All subsequent development expenditure is also capitalised. The development expenditure capitalised is net of proceeds from the sale of coal extracted during the development phase.

Commercial Operation

The project/mines are brought to revenue; when commercial readiness of a project/mine to yield production on a sustainable basis is established either on the basis of conditions specifically stated in the project report or on the basis of the following criteria:

- (a) From beginning of the financial year immediately after the year in which the project achieves physical output of 25% of rated capacity as per approved project report, or
- (b) 2 years of touching of coal, or
- (c) From the beginning of the financial year in which the value of production is more than total, expenses.

Whichever event occurs first;

On being brought to revenue, the assets under capital work in progress are reclassified as a component of property, plant and equipment under the nomenclature "Other Mining Infrastructure". Other Mining Infrastructure are amortised from the year when the mine is brought under revenue in 20 years or working life of the project whichever is less.

2.11 Intangible Assets

Intangible assets acquired separately are measured on initial recognition at cost. The cost of intangible assets acquired in a business combination is their fair value at the date of acquisition. Following initial recognition, intangible assets are carried at cost less any accumulated amortisation (calculated on a straight-line basis over their useful lives) and accumulated impairment losses, if any.

Internally generated intangibles, excluding capitalised development costs, are not capitalised. Instead, the related expenditure is recognised in the statement of profit and loss and other comprehensive income in the period in which the expenditure is incurred. The useful lives of intangible assets are assessed as either finite or indefinite. Intangible assets with finite lives are amortised over their useful economic lives and assessed for impairment whenever there is an indication that the intangible asset may be impaired. The amortisation period and the amortisation method for an intangible asset with a finite useful life are reviewed at least at the



end of each reporting period. Changes in the expected useful life or the expected pattern of consumption of future economic benefits embodied in the asset are considered to modify the amortisation period or method, as appropriate, and are treated as changes in accounting estimates. The amortisation expense on intangible assets with finite lives is recognised in the statement of profit and loss.

An intangible asset with an indefinite useful life is not amortised but is tested for impairment at each reporting date.

Gains or losses arising from derecognition of an intangible asset are measured as the difference between the net disposal proceeds and the carrying amount of the asset and are recognised in the statement of profit and loss

Exploration and Evaluation assets attributable to blocks identified for sale or proposed to be sold to outside agencies (i.e. for blocks not earmarked for CIL) are however, classified as Intangible Assets and tested for impairment.

Cost of Software recognized as intangible asset, is amortised on straight line method over a period of legal right to use or three years, whichever is less; with a nil residual value.

2.12 Impairment of Assets (other than financial assets)

The Company assesses at the end of each reporting period whether there is any indication that an asset may be impaired. If any such indication exists, the Company estimates the recoverable amount of the asset. An asset's recoverable amount is the higher of the asset's or cash-generating unit's value in use and its fair value less costs of disposal, and is determined for an individual asset, unless the asset does not generate cash inflows that are largely independent of those from other assets or groups of assets, in which case the recoverable amount is determined for the cash-generating unit to which the asset belongs. Company considers individual mines as separate cash generating units for the purpose of test of impairment.

If the recoverable amount of an asset is estimated to be less than its carrying amount, the carrying amount of the asset is reduced to its recoverable amount and the impairment loss is recognised in the Statement of Profit and Loss.

2.13 Investment Property

Property (land or a building or part of a building or both) held to earn rentals or for capital appreciation or both, rather than for, use in the production or supply of goods or services or for administrative purposes; or sale in the ordinary course of businesses are classified as investment property.

Investment property is measured initially at its cost, including related transaction costs and where applicable borrowing costs.

Investment properties are depreciated using the straight-line method over their estimated useful lives.

2.14 Financial Instruments

A financial instrument is any contract that gives rise to a financial asset of one entity and a financial liability or equity instrument of another entity.

2.14.1 Financial assets

2.14.1 Initial recognition and measurement

All financial assets are recognised initially at fair value, in the case of financial assets not recorded at fair value through profit or loss, plus transaction costs that are attributable to the acquisition of the financial asset. Purchases or sales of financial assets that require delivery of assets within a time frame established by regulation or convention in the market place (regular way trades) are recognised on the trade date, i.e., the date that the Company commits to purchase or sell the asset.

2.14.2 Subsequent measurement

For purposes of subsequent measurement, financial assets are classified in four categories:





- Debt instruments at amortised cost
- Debt instruments at fair value through other comprehensive income (FVTOCI)
- Debt instruments, derivatives and equity instruments at fair value through profit or loss (FVTPL)
- Equity instruments measured at fair value through other comprehensive income (FVTOCI)

2.14.2.1 Debt instruments at amortised cost

A 'debt instrument' is measured at the amortised cost if both the following conditions are met:

- a) The asset is held within a business model whose objective is to hold assets for collecting contractual cash flows, and
- b) Contractual terms of the asset give rise on specified dates to cash flows that are solely payments of principal and interest (SPPI) on the principal amount outstanding.

After initial measurement, such financial assets are subsequently measured at amortised cost using the effective interest rate (EIR) method. Amortised cost is calculated by taking into account any discount or premium on acquisition and fees or costs that are an integral part of the EIR. The EIR amortisation is included in finance income in the profit or loss. The losses arising from impairment are recognised in the profit or loss.

2.14.2.2 Debt instrument at FVTOCI

A 'debt instrument' is classified as at the FVTOCI if both of the following criteria are met:

- a) The objective of the business model is achieved both by collecting contractual cash flows and selling the financial assets, and
- b) The asset's contractual cash flows represent SPPI.

Debt instruments included within the FVTOCI category are measured initially as well as at each reporting date at fair value. Fair value movements are recognized in the other comprehensive income (OCI). However, the Company recognizes interest income, impairment losses & reversals and foreign exchange gain or loss in the P&L. On derecognition of the asset, cumulative gain or loss previously recognised in OCI is reclassified from the equity to P&L. Interest earned whilst holding FVTOCI debt instrument is reported as interest income using the EIR method.

2.14.2.3 Debt instrument at FVTPL

FVTPL is a residual category for debt instruments. Any debt instrument, which does not meet the criteria for categorization as at amortized cost or as FVTOCI, is classified as at FVTPL.

In addition, the Company may elect to designate a debt instrument, which otherwise meets amortized cost or FVTOCI criteria, as at FVTPL. However, such election is allowed only if doing so reduces or eliminates a measurement or recognition inconsistency (referred to as 'accounting mismatch'). The Company has not designated any debt instrument as at FVTPL.

Debt instruments included within the FVTPL category are measured at fair value with all changes recognized in the P&L.

2.14.2.4 Equity investments in subsidiaries, associates and Joint Ventures

In accordance of Ind AS 101 (First time adoption of Ind AS), the carrying amount of these investments as per previous GAAP as on the date of transition is considered to be the deemed cost. Subsequently Investment in subsidiaries, associates and joint ventures are measured at cost.

In case of consolidated financial statement, Equity investments in associates and joint ventures are accounted as per equity method as prescribed in para 10 of Ind AS 28.

2.14.2.5 Other Equity Investment

All other equity investments in scope of Ind AS 109 are measured at fair value through profit or loss.



For all other equity instruments, the Company may make an irrevocable election to present in other comprehensive income subsequent changes in the fair value. The Company makes such election on an instrument by-instrument basis. The classification is made on initial recognition and is irrevocable.

If the Company decides to classify an equity instrument as at FVTOCI, then all fair value changes on the instrument, excluding dividends, are recognized in the OCI. There is no recycling of the amounts from OCI to P&L even on sale of investment. However, the Company may transfer the cumulative gain or loss within equity.

Equity instruments included within the FVTPL category are measured at fair value with all changes recognized in the P&L.

2.14.2.6 Derecognition

A financial asset (or, where applicable, a part of a financial asset or part of a group of similar financial assets) is primarily derecognised (i.e. removed from the balance sheet) when:

- The rights to receive cash flows from the asset have expired, or
- The Company has transferred its rights to receive cash flows from the asset or has assumed an obligation to pay the received cash flows in full without material delay to a third party under a 'pass-through' arrangement; and either (a) the Company has transferred substantially all the risks and rewards of the asset, or (b) the Company has neither transferred nor retained substantially all the risks and rewards of the asset, but has transferred control of the asset.

When the Company has transferred its rights to receive cash flows from an asset or has entered into a pass-through arrangement, it evaluates if and to what extent it has retained the risks and rewards of ownership. When it has neither transferred nor retained substantially all of the risks and rewards of the asset, nor transferred control of the asset, the Company continues to recognise the transferred asset to the extent of the Company's continuing involvement. In that case, the Company also recognises an associated liability. The transferred asset and the associated liability are measured on a basis that reflects the rights and obligations that the Company has retained. Continuing involvement that takes the form of a guarantee over the transferred asset is measured at the lower of the original carrying amount of the asset and the maximum amount of consideration that the Company could be required to repay.

2.14.2.7 Impairment of financial assets (other than fair value)

In accordance with Ind AS 109, the Company applies expected credit loss (ECL) model for measurement and recognition of impairment loss on the following financial assets and credit risk exposure:

- a) Financial assets that are debt instruments, and are measured at amortised cost e.g., loans, debt securities, deposits, trade receivables and bank balance
- b) Financial assets that are debt instruments and are measured as at FVTOCI
- c) Lease receivables under Ind AS 17
- d) Trade receivables or any contractual right to receive cash or another financial asset that result from transactions that are within the scope of Ind AS 11 and Ind AS 18

The Company follows 'simplified approach' for recognition of impairment loss allowance on:

- Trade receivables or contract revenue receivables; and
- All lease receivables resulting from transactions within the scope of Ind AS 17

The application of simplified approach does not require the Company to track changes in credit risk. Rather, it recognises impairment loss allowance based on lifetime ECLs at each reporting date, right from its initial recognition.





2.14.3 Financial liabilities

2.14.3.1 Initial recognition and measurement

The Company's financial liabilities include trade and other payables, loans and borrowings including bank overdrafts.

All financial liabilities are recognised initially at fair value and, in the case of loans and borrowings and payables, net of directly attributable transaction costs.

2.14.3.2 Subsequent measurement

The measurement of financial liabilities depends on their classification, as described below:

2.14.3.3 Financial liabilities at fair value through profit or loss

Financial liabilities at fair value through profit or loss include financial liabilities held for trading and financial liabilities designated upon initial recognition as at fair value through profit or loss. Financial liabilities are classified as held for trading if they are incurred for the purpose of repurchasing in the near term. This category also includes derivative financial instruments entered into by the Company that are not designated as hedging instruments in hedge relationships as defined by Ind AS 109. Separated embedded derivatives are also classified as held for trading unless they are designated as effective hedging instruments.

Gains or losses on liabilities held for trading are recognised in the profit or loss.

Financial liabilities designated upon initial recognition at fair value through profit or loss are designated as such at the initial date of recognition, and only if the criteria in Ind AS 109 are satisfied. For liabilities designated as FVTPL, fair value gains/ losses attributable to changes in own credit risk are recognized in OCI. These gains/ loss are not subsequently transferred to P&L. However, the Company may transfer the cumulative gain or loss within equity. All other changes in fair value of such liability are recognised in the statement of profit and loss. The Company has not designated any financial liability as at fair value through profit and loss.

2.14.3.4 Financial liabilities at amortised cost

After initial recognition, these are subsequently measured at amortised cost using the effective interest rate method. Gains and losses are recognised in profit or loss when the liabilities are derecognised as well as through the effective interest rate amortisation process. Amortised cost is calculated by taking into account any discount or premium on acquisition and fees or costs that are an integral part of the effective interest rate. The effective interest rate amortisation is included as finance costs in the statement of profit and loss. This category generally applies to borrowings.

2.14.3.5 Derecognition

A financial liability is derecognised when the obligation under the liability is discharged or cancelled or expires. When an existing financial liability is replaced by another from the same lender on substantially different terms, or the terms of an existing liability are substantially modified, such an exchange or modification is treated as the derecognition of the original liability and the recognition of a new liability. The difference between the carrying amount of a financial liability (or part of a financial liability) extinguished or transferred to another party and the consideration paid, including any non-cash assets transferred or liabilities assumed, shall be recognised in profit or loss.

2.14.4 Reclassification of financial assets

The Company determines classification of financial assets and liabilities on initial recognition. After initial recognition, no reclassification is made for financial assets which are equity instruments and financial liabilities. For financial assets which are debt instruments, a reclassification is made only if there is a change in the business model for managing those assets. Changes to the business model are expected to be infrequent. The Company's senior management determines change in the business model as a result of external or internal changes which are significant to the Company's operations. Such changes are evident to external parties. A change in the business model occurs when the Company either begins or ceases to perform an activity that is significant to its operations. If Company reclassifies financial assets, it applies the reclassification prospectively from the reclassification date which is the first day of the immediately next reporting period following the change in business model. The Company does not restate any previously recognised gains, losses (including impairment gains or losses) or interest.



The following table shows various reclassification and how they are accounted for

Original classification	Revised classification	Accounting treatment
Amortised cost	FVTPL	Fair value is measured at reclassification date. Difference between previous amortized cost and fair value is recognised in P&L.
FVTPL	Amortised Cost	Fair value at reclassification date becomes its new gross carrying amount. EIR is calculated based on the new gross carrying amount.
Amortised cost	FVTOCI	Fair value is measured at reclassification date. Difference between previous amortised cost and fair value is recognised in OCI. No change in EIR due to reclassification.
FVTOCI	Amortised cost	Fair value at reclassification date becomes its new amortised cost carrying amount. However, cumulative gain or loss in OCI is adjusted against fair value. Consequently, the asset is measured as if it had always been measured at amortised cost.
FVTPL	FVTOCI	Fair value at reclassification date becomes its new carrying amount. No other adjustment is required.
FVTOCI	FVTPL	Assets continue to be measured at fair value. Cumulative gain or loss previously recognized in OCI is reclassified to P&L at the reclassification date.

2.14.5 Offsetting of financial instruments

Financial assets and financial liabilities are offset and the net amount is reported in the consolidated balance sheet if there is a currently enforceable legal right to offset the recognised amounts and there is an intention to settle on a net basis, to realise the assets and settle the liabilities simultaneously.

2.15. Borrowing Costs

Borrowing costs are expensed as and when incurred except where they are directly attributable to the acquisition, construction or production of qualifying assets i.e. the assets that necessarily takes substantial period of time to get ready for its intended use, in which case they are capitalised as part of the cost of those asset up to the date when the qualifying asset is ready for its intended use.

2.16 Taxation

Income tax expense represents the sum of the tax currently payable and deferred tax.

Current tax is the amount of income taxes payable (recoverable) in respect of the taxable profit (tax loss) for a period. Taxable profit differs from “profit before income tax” as reported in the statement of profit and loss and other comprehensive income because it excludes items of income or expense that are taxable or deductible in other years and it further excludes items that are never taxable or deductible. The company’s liability for current tax is calculated using tax rates that have been enacted or substantively enacted by the end of the reporting period.

Deferred tax liabilities are generally recognised for all taxable temporary differences. Deferred tax assets are generally recognised for all deductible temporary difference to the extent that it is probable that taxable profits will be available against which those deductible temporary differences can be utilised. Such assets and





liabilities are not recognised if the temporary difference arises from goodwill or from the initial recognition (other than in a business combination) of other assets and liabilities in a transaction that affects neither the taxable profit nor the accounting profit.

Deferred tax liabilities are recognised for taxable temporary differences associated with investments in subsidiaries and associates, except where the company is able to control the reversal of the temporary difference and it is probable that the temporary difference will not reverse in the foreseeable future. Deferred tax assets arising from deductible temporary differences associated with such investments and interests are only recognised to the extent that it is probable that there will be sufficient taxable profits against which to utilise the benefits of the temporary differences.

The carrying amount of deferred tax assets is reviewed at the end of each reporting period and reduced to the extent that it is no longer probable that sufficient taxable profits will be available to allow all or part of the asset to be recovered. Unrecognised deferred tax assets are reassessed at the end of each reporting year and are recognised to the extent that it has become probable that sufficient taxable profit will be available to allow all or part of the deferred tax asset to be recovered.

Deferred tax assets and liabilities are measured at the tax rates that are expected to apply in the period in which the liability is settled or the asset is realised, based on tax rate (and tax laws) that have been enacted or substantively enacted by the end of the reporting period.

The measurement of deferred tax liabilities and assets reflects the tax consequences that would follow from the manner in which the company expects, at the end of the reporting period, to recover or settle the carrying amount of its assets and liabilities.

Current and deferred tax are recognised in profit or loss, except when they relate to items that are recognised in other comprehensive income or directly in equity, in which case, the current and deferred tax are also recognised in other comprehensive income or directly in equity respectively. Where current tax or deferred tax arises from the initial accounting for a business combination, the tax effect is included in the accounting for the business combination.

2.17 Employee Benefits

2.17.1 Short-term Benefits

All short term employee benefits are recognized in the period in which they are incurred.

2.17.2 Post-employment benefits and other long term employee benefits

2.17.2.1 Defined contributions plans

A defined contribution plan is a post-employment benefit plan for Provident fund and Pension under which the company pays fixed contribution into fund maintained by a separate statutory body (Coal Mines Provident Fund) constituted under an enactment of law and the company will have no legal or constructive obligation to pay further amounts. Obligations for contributions to defined contribution plans are recognised as an employee benefit expense in the statement of profit and loss in the periods during which services are rendered by employees.

2.17.2.2 Defined benefits plans

A defined benefit plan is a post-employment benefit plan other than a defined contribution plan. Gratuity, leave encashment are defined benefit plans (with ceilings on benefits). The company's net obligation in respect of defined benefit plans is calculated by estimating the amount of future benefit that employees have earned in return of their service in the current and prior periods. The benefit is discounted to determine its present value and reduced by the fair value of plan assets, if any. The discount rate is based on the prevailing market yields of Indian Government securities as at the reporting date that have maturity dates approximating the terms of the company's obligations and that are denominated in the same currency in which the benefits are expected to be paid.

The application of actuarial valuation involves making assumptions about discount rate, expected rates of return on assets, future salary increases, mortality rates etc. Due to the long term nature of these plans, such



estimates are subject to uncertainties. The calculation is performed at each balance sheet by an actuary using the projected unit credit method. When the calculation results in to the benefit to the company, the recognised asset is limited to the present value of the economic benefits available in the form of any future refunds from the plan or reduction in future contributions to the plan. An economic benefit is available to the company if it is realisable during the life of the plan, or on settlement of plan liabilities.

Re-measurement of the net defined benefit liability, which comprise actuarial gain and losses considering the return on plan assets (excluding interest) and the effects of the assets ceiling (if any, excluding interest) are recognised immediately in the other comprehensive income. The company determines the net interest expense (income) on the net defined benefit liability (asset) for the period by applying the discount rate used to measure the defined benefit obligation at the beginning of the annual period to the then net defined benefit liability (asset), taking into account any changes in the net defined benefit liability (asset) during the period as a result of contributions and benefit payments. Net interest expenses and other expenses related to defined benefit plans are recognised in profit and loss.

When the benefits of the plan are improved, the portion of the increased benefit relating to past service by employees is recognised as expense immediately in the statement of profit and loss.

2.17.3 Other Employee benefits

Certain other employee benefits namely benefit on account of LTA, LTC, Life Cover scheme, Group personal Accident insurance scheme, settlement allowance, post-retirement medical benefit scheme and compensation to dependents of deceased in mine accidents etc., are also recognised on the same basis as described above for defined benefits plan. These benefits do not have specific funding.

2.18 Foreign Currency

The company's reported currency and the functional currency for majority of its operations is in Indian Rupees (INR) being the principal currency of the economic environment in which it operates.

Transactions in foreign currencies are converted into the reported currency of the company using the exchange rate prevailing at the transaction date. Monetary assets and liabilities denominated in foreign currencies outstanding at the end of the reporting period are translated at the exchange rates prevailing as at the end of reporting period. Exchange differences arising on the settlement of monetary assets and liabilities or on translating monetary assets and liabilities at rates different from those at which they were translated on initial recognition during the period or in previous financial statements are recognised in statement of profit and loss in the period in which they arise.

Non-monetary items denominated in foreign currency are valued at the exchange rates prevailing on the date of transactions.

2.19 Stripping Activity Expense/Adjustment

In case of opencast mining, the mine waste materials ("overburden") which consists of soil and rock on the top of coal seam is required to be removed to get access to the coal and its extraction. This waste removal activity is known as 'Stripping'. In opencast mines, the company has to incur such expenses over the life of the mine (as technically estimated).

Therefore, as a policy, in the mines with rated capacity of one million tonnes per annum and above, cost of Stripping is charged on technically evaluated average stripping ratio (OB: COAL) at each mine with due adjustment for stripping activity asset and ratio-variance account after the mines are brought to revenue.

Net of balances of stripping activity asset and ratio variance at the Balance Sheet date is shown as Stripping Activity Adjustment under the head Non - Current Provisions / Other Non-Current Assets as the case may be.

The reported quantity of overburden as per record is considered in calculating the ratio for OBR accounting where the variance between reported quantity and measured quantity is within the lower of the two alternative





permissible limits, as detailed hereunder:-

Annual Quantum of OBROf the Mine	Permissible limits of variance	
	I	II
	%	Quantum (in Mill. Cu. Mtr.)
Less than 1 Mill. CUM	+/- 5%	0.03
Between 1 and 5 Mill. CUM	+/- 3%	0.20
More than 5 Mill. CUM	+/- 2%	

However, where the variance is beyond the permissible limits as above, the measured quantity is considered.

In case of mines with rated capacity of less than one million tonne, the above policy is not applied and actual cost of stripping activity incurred during the year is recognised in Statement of Profit and Loss.

2.20 Inventories

2.20.1 Stock of Coal

Inventories of coal/coke are stated at lower of cost and net realisable value. Cost of inventories are calculated using the First in First out method. Net realisable value represents the estimated selling price of inventories less all estimated costs of completion and costs necessary to make the sale.

Book stock of coal is considered in the accounts where the variance between book stock and measured stock is up to +/- 5% and in cases where the variance is beyond +/- 5% the measured stock is considered. Such stock are valued at net realisable value or cost whichever is lower. Coke is considered as a part of stock of coal.

Coal & coke-fines are valued at lower of cost or net realisable value and considered as a part of stock of coal.

Slurry (coking/semi-coking), middling of washeries and by products are valued at net realisable value and considered as a part of stock of coal.

2.20.2 Stores & Spares

The Stock of stores & spare parts (which also includes loose tools) at central & area stores are considered as per balances appearing in priced stores ledger and are valued at cost calculated on the basis of weighted average method. The inventory of stores & spare parts lying at collieries / sub-stores / drilling camps/ consuming centres are considered at the yearend only as per physically verified stores and are valued at cost.

Provisions are made at the rate of 100% for unserviceable, damaged and obsolete stores and spares and at the rate of 50% for stores & spares not moved for 5 years.

2.20.3 Other Inventories

Workshop jobs including work-in-progress are valued at cost. Stock of press jobs (including work in progress) and stationary at printing press and medicines at central hospital are valued at cost.

However, Stock of stationery (other than lying at printing press), bricks, sand, medicine (except at Central Hospitals), aircraft spares and scraps are not considered in inventory considering their value not being significant.

2.21 Provisions, Contingent Liabilities & Contingent Assets

Provisions are recognized when the company has a present obligation (legal or constructive) as a result of a past event, and it is probable that an outflow of economic benefits will be required to settle the obligation and a reliable estimate of the amount of the obligation can be made. Where the time value of money is material, provisions are stated at the present value of the expenditure expected to settle the obligation.

All provisions are reviewed at each balance sheet date and adjusted to reflect the current best estimate.

Where it is not probable that an outflow of economic benefits will be required, or the amount cannot be estimated reliably, the obligation is disclosed as a contingent liability, unless the probability of outflow of economic benefits is remote. Possible obligations, whose existence will only be confirmed by the occurrence or non-occurrence of one or more future uncertain events not wholly within the control of the company, are



also disclosed as contingent liabilities unless the probability of outflow of economic benefits is remote.

Contingent Assets are not recognised in the financial statements. However, when the realisation of income is virtually certain, then the related asset is not a contingent asset and its recognition is appropriate.

2.22 Earnings per share

Basic earnings per share are computed by dividing the net profit after tax by the weighted average number of equity shares outstanding during the period. Diluted earnings per shares is computed by dividing the profit after tax by the weighted average number of equity shares considered for deriving basic earnings per shares and also the weighted average number of equity shares that could have been issued upon conversion of all dilutive potential equity shares.

2.23 Judgements, Estimates and Assumptions

The preparation of the financial statements in conformity with Ind AS requires management to make estimates, judgements and assumptions that affect the application of accounting policies and the reported amounts of assets and liabilities, the disclosures of contingent assets and liabilities at the date of financial statements and the amount of revenue and expenses during the reported period. Application of accounting policies involving complex and subjective judgements and the use of assumptions in these financial statements have been disclosed. Accounting estimates could change from period to period. Actual results could differ from those estimates. Estimates and underlying assumptions are reviewed on an ongoing basis. Revisions to accounting estimate are recognised in the period in which the estimates are revised and, if material, their effects are disclosed in the notes to the financial statements.

2.23.1 Judgements

In the process of applying the Company's accounting policies, management has made the following judgements, which have the most significant effect on the amounts recognised in the financial statements:

2.23.1.1 Formulation of Accounting Policies

Accounting policies are formulated in a manner that result in financial statements containing relevant and reliable information about the transactions, other events and conditions to which they apply. Those policies need not be applied when the effect of applying them is immaterial.

In the absence of an Ind AS that specifically applies to a transaction, other event or condition, management has used its judgement in developing and applying an accounting policy that results in information that is:

- a) Relevant to the economic decision-making needs of users and
- b) Reliable in that financial statements :
 - (i) represent faithfully the financial position, financial performance and cash flows of the Company;
 - (ii) reflect the economic substance of transactions, other events and conditions, and not merely the legal form;
 - (iii) are neutral, i.e. free from bias;
 - (iv) are prudent; and
 - (v) are complete in all material respects on a consistent basis

In making the judgement management refers to, and considers the applicability of, the following sources in descending order:

- (a) The requirements in Ind ASs dealing with similar and related issues; and
- (b) The definitions, recognition criteria and measurement concepts for assets, liabilities, income and expenses in the Framework.

In making the judgement, management considers the most recent pronouncements of International Accounting Standards Board and in absence thereof those of the other standard-setting bodies that use a similar conceptual framework to develop accounting standards, other accounting literature and accepted industry practices, to the extent that these do not conflict with the sources in above paragraph.





The Company operates in the mining sector (a sector where the exploration, evaluation, development production phases are based on the varied topographical and geomining terrain spread over the lease period running over decades and prone to constant changes), the accounting policies whereof have evolved based on specific industry practices supported by research committees and approved by the various regulators owing to its consistent application over the last several decades. In the absence of specific accounting literature, guidance and standards in certain specific areas which are in the process of evolution. The Company continues to strive to develop accounting policies in line with the development of accounting literature and any development therein shall be accounted for prospectively as per the procedure laid down above more particularly in Ind AS8.

The financial statements are prepared on going concern basis using accrual basis of accounting.

2.23.1.2 Materiality

Ind AS applies to items which are material. Management uses judgement in deciding whether individual items or groups of item are material in the financial statements. Materiality is judged by reference to the size and nature of the item. The deciding factor is whether omission or misstatement could individually or collectively influence the economic decisions that users make on the basis of the financial statements. Management also uses judgement of materiality for determining the compliance requirement of the Ind AS. In particular circumstances either the nature or the amount of an item or aggregate of items could be the determining factor. Further the Company may also be required to present separately immaterial items when required by law.

2.23.1.3 Operating lease

Company has entered into lease agreements. The Company has determined, based on an evaluation of the terms and conditions of the arrangements, such as the lease term not constituting a major part of the economic life of the commercial property and the fair value of the asset, that it retains all the significant risks and rewards of ownership of these properties and accounts for the contracts as operating leases.

2.23.2 Estimates and assumptions

The key assumptions concerning the future and other key sources of estimation uncertainty at the reporting date, that have a significant risk of causing a material adjustment to the carrying amounts of assets and liabilities within the next financial year, are described below. The Company based its assumptions and estimates on parameters available when the consolidated financial statements were prepared. Existing circumstances and assumptions about future developments, however, may change due to market changes or circumstances arising that are beyond the control of the Company. Such changes are reflected in the assumptions when they occur.

2.23.2.1 Impairment of non-financial assets

There is an indication of impairment if, the carrying value of an asset or cash generating unit exceeds its recoverable amount, which is the higher of its fair value less costs of disposal and its value in use. Company considers individual mines as separate cash generating units for the purpose of test of impairment. The value in use calculation is based on a DCF model. The cash flows are derived from the budget for the next five years and do not include restructuring activities that the Company is not yet committed to or significant future investments that will enhance the asset's performance of the CGU being tested. The recoverable amount is sensitive to the discount rate used for the DCF model as well as the expected future cash-inflows and the growth rate used for extrapolation purposes. These estimates are most relevant to other mining infrastructures. The key assumptions used to determine the recoverable amount for the different CGUs, are disclosed and further explained in respective notes.

2.23.2.2 Taxes

Deferred tax assets are recognised for unused tax losses to the extent that it is probable that taxable profit will be available against which the losses can be utilised. Significant management judgement is required to determine the amount of deferred tax assets that can be recognised, based upon the likely timing and the level of future taxable profits together with future tax planning strategies.



2.23.2.3 Defined benefit plans

The cost of the defined benefit gratuity plan and other post-employment medical benefits and the present value of the gratuity obligation are determined using actuarial valuations. An actuarial valuation involves making various assumptions that may differ from actual developments in the future. These include the determination of the discount rate, future salary increases and mortality rates.

Due to the complexities involved in the valuation and its long-term nature, a defined benefit obligation is highly sensitive to changes in these assumptions. All assumptions are reviewed at each reporting date. The parameter most subject to change is the discount rate. In determining the appropriate discount rate for plans operated in India, the management considers the interest rates of government bonds in currencies consistent with the currencies of the post-employment benefit obligation.

The mortality rate is based on publicly available mortality tables of the country. Those mortality tables tend to change only at interval in response to demographic changes. Future salary increases and gratuity increases are based on expected future inflation rate.

2.23.2.4 Fair value measurement of financial instruments

When the fair values of financial assets and financial liabilities recorded in the balance sheet cannot be measured based on quoted prices in active markets, their fair value is measured using generally accepted valuation techniques including the DCF model. The inputs to these models are taken from observable markets where possible, but where this is not feasible, a degree of judgement is required in establishing fair values. Judgements include considerations of inputs such as liquidity risk, credit risk, volatility and other relevant input/considerations. Changes in assumptions and estimates about these factors could affect the reported fair value of financial instruments.

2.23.2.5 Intangible asset under development

The Company capitalises intangible asset under development for a project in accordance with the accounting policy. Initial capitalisation of costs is based on management's judgement that technological and economic feasibility is confirmed, usually when a project report is formulated and approved.

2.23.2.6 Provision for Mine Closure, Site Restoration and Decommissioning Obligation

In determining the fair value of the provision for Mine Closure, Site Restoration and Decommissioning Obligation, assumptions and estimates are made in relation to discount rates, the expected cost of site restoration and dismantling and the expected timing of those costs. The Company estimates provision using the DCF method considering life of the project/mine based on

- Estimated cost per hectare as specified in guidelines issued by ministry of Coal, Government of India
- The discount rate (pre tax rate) that reflect current market assessments of the time value of money and the risks specific to the liability.

2.23 Abbreviation used:

a.	CGU	Cash generating unit
b.	DCF	Discounted Cash Flow
c.	FVTOCI	Fair value through Other Comprehensive Income
d.	FVTPL	Fair value through Profit & Loss
e.	GAAP	Generally accepted accounting principal
f.	Ind AS	Indian Accounting Standards
g.	OCI	Other Comprehensive Income
h.	P&L	Profit and Loss
i.	PPE	Property, Plant and Equipment
j.	SPPI	Solely Payment of Principal and Interest
k.	EIR	Effective Interest Rate



Notes to the Financial Statements

NOTE 3: PROPERTY, PLANT AND EQUIPMENTS

(Rs. in Crore)

	Freehold Land	Other Land	Land Reclamation/ Site Restoration Cost*	Building (including roads and culverts)	Plant and Equipments	Tele communication	Railway Sidings	Furniture and Fixtures	Office Equipments	Vehicles	Aircraft	Other Mining Infrastructure**	Surveyed off Assets	Others	Total
Carrying Amount															
As at 1 April 2015	0.04	123.64	346.05	325.77	1,898.62	18.00	1.68	10.47	5.07	6.22	-	72.74	57.31	-	2,865.61
Additions		31.32		11.66	488.55	31.11	-	5.56	8.18	13.98			2.56		592.92
Deletions/Adjustments		(1.83)	(3.34)	(0.05)	(1.83)	(3.34)		0.01	(0.39)	(0.19)			(4.19)		(9.98)
As at 31 March 2016	0.04	154.96	346.05	337.38	2,385.34	45.77	1.68	16.04	12.86	20.01	-	72.74	55.68	-	3,448.55
As at 1 April 2016	0.04	154.96	346.05	337.38	2,385.34	45.77	1.68	16.04	12.86	20.01	-	72.74	55.68	-	3,448.55
Additions		5.50		66.70	324.61	3.84	26.80	(0.93)	2.17	11.15			8.56		474.49
Deletions/Adjustments			(8.03)	3.19	(8.03)	(0.01)		(0.93)	0.55	(0.37)		(3.44)	(8.36)		(17.40)
As at 31 March 2017	0.04	160.46	346.05	407.27	2,701.92	49.60	28.48	28.79	15.58	30.79	-	80.78	55.88	-	3,905.64
Accumulated Depreciation and Impairment															
As at 1 April 2015		11.30	61.94	10.73	328.87	6.79	0.12	2.07	3.14	2.21		5.56	6.71		439.44
Charge for the year					0.16	(0.05)		0.02	(0.23)	0.03		-	6.71		(0.07)
Deletions/Adjustments		11.71	61.94	10.32	329.03	6.74	0.12	2.09	2.91	2.24		5.56	6.71		439.37
As at 31 March 2016	-	11.71	61.94	10.32	329.03	6.74	0.12	2.09	2.91	2.24	-	5.56	6.71	-	439.37
As at 1 April 2016	-	11.71	61.94	10.32	329.03	6.74	0.12	2.09	2.91	2.24	-	5.56	6.71	-	439.37
Charge for the year		11.89	31.23	11.25	393.69	8.00	3.60	3.47	4.17	3.23		5.88	23.57		476.41
Deletions/Adjustments		0.01		3.10	(0.09)	-		(0.09)	(0.08)	-		(3.34)	(0.40)		23.57
As at 31 March 2017	-	23.61	93.17	24.67	722.72	14.74	3.72	5.47	7.00	5.47	-	8.10	30.28	-	938.95
Net Carrying Amount															
As at 1 April 2015	0.04	136.85	252.88	382.60	1,979.20	34.86	24.76	23.32	8.58	25.32		67.18	25.60		2,966.69
As at 31 March 2016	0.04	143.25	284.11	327.06	2,056.31	39.03	1.56	13.95	9.95	17.77		62.18	48.97		3,009.18
As at 1 April 2016	0.04	143.25	284.11	327.06	2,056.31	39.03	1.56	13.95	9.95	17.77		62.18	48.97		3,009.18
As at 31 March 2017	0.04	123.64	346.05	325.77	1,898.62	18.00	1.68	10.47	5.07	6.22		72.74	57.31		2,865.61

Reconciliation of Carrying value as per Ind AS and Previous GAAP as on 01.04.2015

	Freehold Land	Other Land	Land Reclamation/ Site Restoration Cost*	Building (including roads and culverts)	Plant and Equipments	Tele communication	Railway Sidings	Furniture and Fixtures	Office Equipments	Vehicles	Aircraft	Other Mining Infrastructure**	Surveyed off Assets	Others	Total
Balances as per Previous															
Gross Carrying Amount	0.04	214.12	-	546.85	6,056.07	40.72	25.13	41.49	22.63	35.71	-	193.14	57.66	-	7,233.56
Accumulated Depreciation and Impairment	-	90.48	-	221.08	4,157.30	22.72	23.45	31.02	17.56	29.49	-	120.40	0.35	-	4,713.85
Changes due to IND AS															
Gross Carrying Amount		559.93	213.88		0.15										559.93
Accumulated Depreciation and Impairment			346.05	325.77	1,898.62	18.00	1.68	10.47	5.07	6.22	-	72.74	57.31	-	2,865.61

* The discount rate of 8% per annum is adopted to discount the mine closure provision in terms of Ind AS 37, Provisions, Contingent Liabilities & Contingent Assets.

Land- Others is capitalised on the basis of possession.

Roads and Culverts situated in the residential / official areas are classified under "Buildings" and those in mining areas are classified under "Other Mining Infrastructure".

Buildings include cost of electrical fittings, water supply arrangements and sanitary fittings.

Departmental expenses are not capitalized on Fixed Assets except in cases of dragline and high capacity shovel on consideration of its materiality.

During the current financial year impairment in respect of property, plant and equipment amounting 23.57 crores (against Surveyed off Assets) has been charged to the Statement of Profit & Loss.

Land- Others includes 16508.31 Ha. acquired under Coal Bearing Areas (Acquisition and Development) Act, 1957, 474.13 Ha. under Land Acquisition Act, 1984, 95.48 under Direct Purchase/ Ex. Order and 84.71 Ha. under Lease.

Vide Notification No 6001/4/2017-L&IR dated 18.04.2017 by Under Secretary to Govt. of India, an amount of Rs. 617.42 Crores is requested to be deposited with P&O, MOC for the purpose of Acquisition of Coal Bearing land in respect of Jayant Unit

** Other Mining Infrastructure include Enabling assets i.e. P.W.D. Road at Khadria unit of Rs. 11.48 crores



	Building (including water supply, roads and culverts)	Plant and Equipments	Railway Sidings	Development	Vehicles	Total
Carrying Amount:						
As at 1 April 2015	29.57	550.00	31.31	0.13	0.08	611.09
Additions	23.84	29.80	33.29		0.45	87.38
Capitalisation/ Deletions/ Adj.	1.46	1.07		(0.13)		2.40
As at 31 March 2016	54.87	580.87	64.60	-	0.53	700.87
As at 1 April 2016	54.87	580.87	64.60	-	0.53	700.87
Additions	99.10	708.74	84.79		4.51	897.14
Capitalisation/ Deletions/ Adj.	(69.21)	(290.11)	(11.37)		(4.96)	(375.65)
As at 31 March 2017	84.76	999.50	138.02	-	0.08	1,222.36
Provision and Impairment						
As at 1 April 2015						-
Charge for the year	-	-				-
Impairment						-
Deletions/Adjustments						-
As at 31 March 2016	-	-	-	-	-	-
As at 1 April 2016	-	-	-	-	-	-
Charge for the year	0.17					0.17
Impairment						-
Deletions/Adjustments						-
As at 31 March 2017	0.17	-	-	-	-	0.17
Net Carrying Amount						
As at 31 March 2017	84.59	999.50	138.02	-	0.08	1,222.19
As at 31 March 2016	54.87	580.87	64.60	-	0.53	700.87
As at 1 April 2015	29.57	550.00	31.31	0.13	0.08	611.09

Reconciliation of Carrying Value as per Ind AS and previous GAAP as on 01.04.2015

	Building (including water supply, roads and culverts)	Plant and Equipments	Railway Sidings	Development	Vehicles	Total
Balances as per Previous GAAP						
Gross Carrying Amount:	31.89	551.27	31.31	0.13	0.08	614.68
Provision and Impairment	2.32	1.27	-	-	-	3.59
Changes due to IND AS						
Gross Carrying Amount:	-	-	-	-	-	-
Provision and Impairment	-	-	-	-	-	-
Net Carrying amount	29.57	550.00	31.31	0.13	0.08	611.09

Assets (Capital WIP), which could not be put to use for more than 3 years from the date of purchase / acquisition / construction, a provision, equivalent to depreciation from the fourth year and onwards has been made. Total provision amounting to Rs. 1.36 crores (Rs. 1.19 crores as on 31.03.2016) made upto 31.03.2017 as disclosed is considered adequate.





ANNUAL REPORT 2016-17

Notes to the Financial Statements

NOTE 5 : Exploration and Evaluation Assets

(Rs. in Crore)

	Exploration and Evaluation Costs
Carrying Amount:	
As at 1 April 2015	113.09
Additions	27.18
Deletions/Adjustments	
As at 31 March 2016	140.27
As at 1 April 2016	140.27
Additions	35.89
Deletions/Adjustments	-
As at 31 March 2017	176.16
Provision and Impairment	
As at 1 April 2015	
Charge for the year	
Impairment	
Deletions/Adjustments	
As at 31 March 2016	-
As at 1 April 2016	-
Charge for the year	13.28
Impairment	
Deletions/Adjustments	
As at 31 March 2017	13.28
Net Carrying Amount	
As at 31 March 2017	162.88
As at 31 March 2016	140.27
As at 1 April 2015	113.09

Reconciliation of Carrying value as per Ind AS and Previous GAAP as on 01.04.2015

	Exploration and Evaluation Costs
Balances as per Previous GAAP	
Gross Carrying Amount:	113.09
Provision and Impairment	-
Changes due to IND AS	
Gross Carrying Amount:	-
Provision and Impairment	-
Net Carrying amount	113.09





NORTHERN COALFIELDS LIMITED

Notes to the Financial Statements

NOTE 6 : INTANGIBLE ASSETS

(Rs. in Crore)

	Computer Software	Coal Blocks meant for sale	Others	Total
Carrying Amount:				
As at 1 April 2015				-
Additions				-
Deletions/Adjustments				-
As at 31 March 2016	-	-	-	-
As at 1 April 2016	-	-	-	-
Additions				-
Deletions/Adjustments				-
As at 31 March 2017	-	-	-	-
Amortisation and Impairment				
As at 1 April 2015				-
Charge for the year				-
Impairment				-
Deletions/Adjustments				-
As at 31 March 2016	-	-	-	-
As at 1 April 2016	-	-	-	-
Charge for the year				-
Impairment				-
Deletions/Adjustments				-
As at 31 March 2017	-	-	-	-
Net Carrying Amount				
As at 31 March 2017	-	-	-	-
As at 31 March 2016	-	-	-	-
As at 1 April 2015	-	-	-	-

Reconciliation of Carrying value as per Ind AS and Previous GAAP as on 01.04.2015

	Computer Software	Coal Blocks meant for sale	Others	Total
Balances as per Previous GAAP				
Gross Carrying Amount:	-	-	-	-
Provision and Impairment	-	-	-	-
Changes due to IND AS				
Gross Carrying Amount:	-	-	-	-
Provision and Impairment	-	-	-	-
Net Carrying amount	-	-	-	-





ANNUAL REPORT 2016-17

Notes to the Financial Statements

NOTE -7: INVESTMENTS

Non Current

(Rs. in Crore)

	Number of units current year/ (previous year)	Face value per unit current year/ (previous year)	As at		
			31.03.2017	31.03.2016 (Restated)	01.04.2015 (Restated)
Investment in Shares					
Investment in Mutual Funds					
Other Investments			-	-	-
Total :			-	-	-
Aggregate amount of unquoted investments			-	-	-
Aggregate amount of quoted investments				-	- -
Market value of quoted investments			-	-	-
Aggregate amount of impairment in value of investments			-	-	-

Current

	Number of units current year/ (previous year)	NAV (In Rs.)	As at		
			31.03.2017	31.03.2016 (Restated)	01.04.2015 (Restated)
Mutual Fund Investment* (Quoted)					
UTI Mutual Fund	193,404.20	1,019.4457	19.72	-	18.00
SBI Mutual Fund	273,809.18	1,003.2500	27.47	-	26.34
Canara Robeco Mutual Fund	-	-	-	-	2.51
Union KBC Mutual Fund	21,123.58	1,000.6506	2.11	-	1.99
BOI AXA Mutual Fund	20,067.40	1,002.6483	2.01	-	1.32
Other Investments (Unquoted)					
8.5% Tax Free Special Bonds- UP		57,280,000.00	-	-	11.46
Total :			51.31	-	61.62
Aggregate of Quoted Investment		51.31	-	50.16	
Aggregate of unquoted investments		-	-	11.46	
Market value of Quoted Investment		51.31	-	50.16	
Aggregate amount of impairment in value of investments			-	-	-

*The NAV per unit of the trade (quoted) mutual fund are equal to face value as specified above.

Refer note 38 (1) for classification



	As at					
	31.03.2017		31.03.2016 (Restated)		01.04.2015 (Restated)	
Non-Current						
Loans to Related parties						
- Secured, considered good	-	-	-	-	-	-
- Unsecured, considered good	-	-	-	-	-	-
- Doubtful	-	-	-	-	-	-
Less: Provision for doubtful loans						
Loans to Employees *						
- Secured, considered good	7.96		9.96		12.42	
- Unsecured, considered good	-		-		-	
- Doubtful	-	7.96	-	9.96	-	12.42
Less: Provision for doubtful loans						
Other Loans						
- Secured, considered good	-		-		-	
- Unsecured, considered good	-		-		-	
- Doubtful	-	-	-	-	-	-
Less: Provision for doubtful loans						
TOTAL		7.96		9.96		12.42
CLASSIFICATION						
Secured, considered good		7.96		9.96		12.42
Unsecured, Considered good		-		-		-
Doubtful		-		-		-
Current						
Loans to Related parties						
- Secured, considered good	-		-		-	
- Unsecured, considered good	-		-		-	
- Doubtful	-	-	-	-	-	-
Less: Provision for doubtful loans						
Loans to Employees *						
- Secured, considered good	2.43		2.92		2.95	
- Unsecured, considered good	-		-		-	
- Doubtful	-	2.43	-	2.92	-	2.95
Less: Provision for doubtful loans						
Other Loans						
- Secured, considered good	-		-		-	
- Unsecured, considered good	-		-		-	
- Doubtful	-	-	-	-	-	-
Less: Provision for doubtful loans						
TOTAL		2.43		2.92		2.95
CLASSIFICATION						
Secured, considered good		2.43		2.92		2.95
Unsecured, Considered good		-		-		-
Doubtful		-		-		-

*Loans to employees includes house building loans and vehicle loans provided to employees, segregated into current and non-current

Refer note 38 (1) for classification





ANNUAL REPORT 2016-17

Notes to the Financial Statements

NOTE - 9 : OTHER FINANCIAL ASSETS

(Rs. in Crore)

	As at		
	31.03.2017	31.03.2016 (Restated)	01.04.2015 (Restated)
Non-Current			
Bank deposits	1.48	0.53	-
Deposits with bank under			
- Mine Closure Plan	757.51	619.57	449.44
- Shifting & Rehabilitation Fund scheme			
Receivable from Escrow Account for Mine Closure Expenses	19.35	9.90	6.22
Other deposits			
Less : Provision for doubtful deposits	-	-	-
Other receivables			
Less: Provision	-	-	-
TOTAL	778.34	630.00	455.66
Current			
Deposit with Related Party			
-Surplus Fund with CIL	166.88	658.75	588.01
Receivable from Escrow Account for Mine Closure Expenses	75.81	-	-
Current Account with			
- Holding Co./ Other Subsidiaries of CIL	-	-	-
- IICM	-	-	-
Interest accrued on			
- Investments	-	0.24	0.49
- Bank Deposits	27.73	170.33	354.36
- Others	0.18	0.18	-
Other deposits *	8.42	35.65	41.50
Less : Provision for doubtful deposits	8.42	35.65	41.50
Claims receivables	18.41	18.57	17.45
Less : Provision for doubtful claims	8.26	8.74	4.16
Other receivables	4.78	3.82	2.28
Less : Provision for doubtful claims	-	-	-
TOTAL	293.95	878.80	999.93

Escrow Account for Mine Closure Plan have been opened with Scheduled banks in accordance with the guidelines issued by Ministry of Coal.

*Of the total actuarial liability of Rs. 652.92 crores has been net-off with Rs. 661.34 crores deposited with LIC (Rs. 618.43 crores as on 31.03.2016) which includes interest amounting to Rs. 51.72 crores, Net of Insurance Premium Rs. 2.35 Crore, (Prev. year Rs. 53.48 crore, Net of Insurance Premium Rs. 2.40 Crore) has been accounted for on accrual basis for the Year ended 31.03.2017.

Refer note 38 (1) for classification





NORTHERN COALFIELDS LIMITED

Notes to the Financial Statements

NOTE - 10 : OTHER NON-CURRENT ASSETS

(Rs. in Crore)

	As at					
	31.03.2017		31.03.2016 (Restated)		01.04.2015 (Restated)	
(i) Capital Advances	14.18		69.08		42.08	
Less : Provision for doubtful advances**	0.72	13.46	0.24	68.84	0.26	41.82
(ii) Advances other than capital advances						
(a) Security Deposit for utilities	37.32		34.83		34.29	
Less :Provision for doubtful deposits	-	37.32	-	34.83	-	34.29
(b) Other Deposits*	25.11		23.58		24.23	
Less :Provision for doubtful deposits**	0.52	24.59	0.52	23.06	0.52	23.71
(c) Advances to related parties						
(d) Advance for Revenue						
Less :Provision for doubtful advances		-		-		-
(e) Exploratory drilling work						
Less: Provision		-		-		-
(f) Prepaid Expenses						
(g) Others						
TOTAL		75.37		126.73		99.82
Other Deposits:						
Deposit for P&T		1.53		0.73		1.54
DEPOSIT WITH COURTS		19.07		18.34		18.18
DEPOSIT WITH DGS & D / CISF		4.51		4.51		4.51
		25.11		23.58		24.23
<p>*Singrauli Municipal Authority has claimed Terminal tax of Rs. 152.08 crores (Rs. 152.08 crores as on 31.03.2016) against which an amount of Rs. 16.36 Crores (Prev. year Rs. 16.36 crores) has been deposited under protest. The matter is pending before Hon'ble Supreme Court. However, the claim of Rs. 152.08 Crores has been shown as Contingent Liability.</p>						
<p>**Total Provision of Rs. 1.24 crores as on 31.03.2017 (as on 31.03.2016 Rs. 0.76 crores), on account of Doubtful Loans & Advances is considered adequate.</p>						





ANNUAL REPORT 2016-17

Notes to the Financial Statements

NOTE - 11 : OTHER CURRENT ASSETS

(Rs. in Crore)

		As at				
		31.03.2017		31.03.2016 (Restated)		01.04.2015 (Restated)
(a)	Advance for Capital					
	Less : Provision for doubtful advances **		-		-	-
(b)	Advance for Revenue	41.75		62.80		42.75
	Less : Provision for doubtful advances **	0.76	40.99	0.76	62.04	0.73
(c)	Advance payment of statutory dues [^]	96.40		55.89		81.19
	Less : Provision for doubtful advances **		96.40		55.89	81.19
(d)	Advance to Related Parties					
(e)	Advance to Employees	4.76		43.69		64.61
	Less : Provision for doubtful advances **	-	4.76	-	43.69	-
(f)	Advance- Others	12.55		7.11		8.43
	Less : Provision for doubtful claims**	2.08	10.47	2.09	5.02	6.85
(g)	Deposits- Others*	1,508.09		1,412.62		1,469.16
	Less: Provision **	0.09	1,508.00	0.09	1,412.53	0.09
(h)	CENVAT CREDIT receivable	224.31		92.54		65.35
	Less: Provision **	0.96	223.35	0.97	91.57	-
(i)	VAT CREDIT ENTITLEMENT	83.34		68.34		55.14
	Less: Provision **	53.00	30.34	46.61	21.73	46.58
(j)	Prepaid Expenses				0.61	
(k)	Receivables- Others					
	Less: Provision					
	TOTAL		1,914.31		1,693.08	1,732.38
*	includes Rs. 53.85 crores with regard to Income Tax Refundable.					
*	Income Tax Deposit under protest of Rs. 1090.00 crores has been included in Deposits-Others					
*	Commercial Tax Department of M.P. and UP has raised a demand of Rs. 1692.01 Crores (As at 31.03.2016 Rs. 1322.06 Crores) till 31.03.2017 for Sales Tax & Entry Tax, against which appeal has been filed and Rs. 405.93 Crores (As at 31.03.2016 Rs. 322.10 Crores) has been deposited under protest. However, the claim of Rs. 1692.01 Crores has been shown as Contingent Liability.					
*	Singrauli Municipal Authority has claimed licence and composite fees for construction of building of Rs. 9.87 Crores during 1999-2000 against which an amount of Rs. 6.00 Crores has been deposited under protest in 2002-03. The matter is pending before Hon'ble Supreme Court. However, the claim of Rs. 9.87 Crores has been shown as Contingent Liability.					
*	Govt. of Madhya Pradesh has claimed Land Revenue Premium for an amount of Rs. 117.05 Crores against which an amount of Rs. 3.00 Crores has been deposited under protest to Hon'ble High Court Jabalpur during the year 2004-05. However, the claim of Rs. 117.05 Crores has been shown as Contingent Liability. The matter is pending before the Hon'ble High Court, Jabalpur.					
*	Assessing officer of Income tax, Jabalpur has raised demand of Rs. 13.12 crores against adhoc provision of NCWA VII and on account of interest income on parking of surplus fund with CIL for A/Y 2002-03, adhoc provision of NCWA VII for 2003-04 against which an amount of Rs. 13.12 crore has been deposited with Income tax department under protest as the matter is pending before Hon'ble High Court, Jabalpur. Furthermore, Assistant Commissioner of Income Tax, Jabalpur raised demand for A Y 2013-14 of Rs. 873.41 Crores by passing Assessment order under Section 143(3) by disallowing various allowable revenue expenses, against which Rs. 873.41 Crores (as adjustment of Refund due for A Y 2012-13) has been deposited under protest as the matter was subjudice and pending before CIT(A) Jabalpur. CIT (A) vide order dated 31.03.2017 deleted all the addition made by Ld ACIT. After appeal effect of CIT (A) order. NCL will be eligible to get refund along with interest. Furthermore, Assistant Commissioner of Income Tax, Jabalpur raised demand for A/Y 2014-15 for Rs 791.25 crore by passing Assessment order under Section 143(3) by disallowing various allowable revenue expenses, against which refund due for A/Y 2012-13 of Rs. 170.05 Crores has been adjusted, being the matter is subjudice and pending before CIT(A), Jabalpur. Furthermore refund of Rs. 32.98 Crore is pending for A Y 2010-11 and 2011-12.					
*	MPPKVVCL has raised a claim of Rs. 7.44 Crores (As at 31.03.2016 Rs. 7.44 Crores) till 31.03.2017. The matter was challenged before Electricity Ombudsman, Bhopal under case no. L0024112 and Rs. 2.50 Crores (As at 31.03.2015 Rs. 2.50 Crores) has been deposited under protest. However, the decision of the Ombudsman is awaited and the amount of Rs. 7.44 Crores has been shown as Contingent Liability.					
**	Total Provision of Rs. 56.89 crores as on 31.03.2017 (as on 31.03.2016 Rs. 50.52 crores) on account of Doubtful Loans & Advances is considered adequate.					





NORTHERN COALFIELDS LIMITED

Notes to the Financial Statements

NOTE - 12 : INVENTORIES

(Rs. in Crore)

	As at					
	31.03.2017		31.03.2016 (Restated)		01.04.2015 (Restated)	
Stock of Coal*	552.81		553.93		379.54	
Coal under Development	-		-		-	
	552.81		553.93		379.54	
Less : Provision						
A. Stock of Coal (Net)		552.81		553.93		379.54
Stock of Stores & Spares (at cost)	571.77		456.48		470.03	
Add: Stores-in-transit	23.01		11.39		32.86	
Less : Provision**	57.08		46.62		46.63	
B. Net Stock of Stores & Spares (at cost)		537.70		421.25		456.26
C. Other Inventories						
Workshop Jobs	-		-		-	
Less: Provision						
(a) Workshop Jobs (Net)	-		-			
(b) Press Jobs (including stationary)						
(c) Stock of Medicine at Central Hospital		0.50		0.86		0.12
D. Inventories of Services						
		1,091.01		976.04		835.92
*	Stocks of coal are valued separately for each mine at cost or average net realizable value whichever is lower. Net realisable value of stock of coal at the period end has been arrived at on the basis of notified price of coal.					
**	A total provision of Rs.57.08 Crores (As at 31.03.2016 Rs. 46.62 Crores) made for stores and spares which includes for unmoved stores & spares Rs. 23.15 Crores (As at 31.03.2016 Rs. 25.88 Crores) for more than 5 years and Rs. 31.70 Crores (As at 31.03.2016 Rs. 19.05 Crores) for obsolete/ damaged/unserviceable items of stores and Rs. 2.23 crores (As at 31.03.2016 Rs. 1.69 Crores) on account of shortage of stores including theft upto 31.03.2017, made in accordance with Accounting Policy of the company, is considered adequate.					





ANNUAL REPORT 2016-17

NOTES TO BALANCE SHEET
ANNEXURE TO NOTE - 12

(Qty in lakh tonnes) (value in crore Rs.)

Table-A

Reconciliation of closing stock adopted in Accountwith Book stock as at the end of the period:

	OVERALL STOCK		NON-VENDABLE STOCK		VENDABLE STOCK	
	Qty.	Value	Qty.	Value	Qty.	Value
1. (A) Opening stock as on 01.04.16	65.90	553.93	-	-	65.90	553.93
(B) Adjustment in Opening Stock						
2. Production for the period	840.96	10,705.86	-	-	840.96	10,705.86
3. Sub-Total (1 + 2)	906.86	11,259.79	-	-	906.86	11,259.79
4. Off- Take for the period :						
(A) Outside Despatch	800.29	10,357.95	-	-	800.29	10,357.95
(B) Coal feed to Washeries	34.62	349.03	-	-	34.62	349.03
(C) Own Consumption	-	-	-	-	-	-
TOTAL (A)	834.91	10,706.98	-	-	834.91	10,706.98
5. Derived Stock	71.95	552.81	-	-	71.95	552.81
6. Measured Stock	71.10	546.28	-	-	71.10	546.28
7. Difference (5-6)	0.85	6.53	-	-	0.85	6.53
8. Break-up of Difference:						
(A) Excess within 5%	-	-	-	-	-	-
(B) Shortage within 5%	0.85	6.53	-	-	0.85	6.53
(C) Excess beyond 5%	-	-	-	-	-	-
(D) Shortage beyond 5%	-	-	-	-	-	-
9. Closing stock adopted in A/c	71.95	552.81	-	-	71.95	552.81

Summary of Closing Stock of Coal

Table : B

	Raw Coal				Washed / Deshaled Coal				Other		Total	
	Coking		Non-Coking		Coking		Non-Coking		Rejects		Qty	Value
	Qty	Value	Qty	Value	Qty	Value	Qty	Value	Qty	Value		
Opening Stock (Audited)	-	-	65.90	553.93	-	-	-	-	-	-	65.90	553.93
Less: Non-vendable Coal	-	-	-	-	-	-	-	-	-	-	-	-
Adjusted Opening Stock (Vendable)	-	-	65.90	553.93	-	-	-	-	-	-	65.90	553.93
Production	-	-	840.96	10,705.86	-	-	-	-	-	-	840.96	10,705.86
Offtake*												
(A) Outside	-	-	(800.29)	(10,357.95)	-	-	(31.55)	(658.78)	(2.80)	(18.94)	(834.64)	(11,035.67)
(B) Coal feed to Washeries	-	-	(34.62)	(349.03)	-	-	34.62	349.03	-	-	-	-
(C) Own Consumption	-	-	-	-	-	-	-	-	-	-	-	-
Closing Stock **	-	-	71.95	552.81	-	-	3.07	-	-	-	75.02	552.81
Less: Shortage	-	-	-	-	-	-	3.07	-	-	-	3.07	-
Closing Stock **	-	-	71.95	552.81	-	-	-	-	-	-	71.95	552.81

* offtake includes outside despatch, Coal feed to washeries & own consumption.

** Excluding non-vendable Stock





NORTHERN COALFIELDS LIMITED

Notes to the Financial Statements

NOTE - 13 : TRADE RECEIVABLES

(Rs. in Crore)

	As at		
	31.03.2017	31.03.2016 (Restated)	01.04.2015 (Restated)
Current			
Trade receivables			
- Secured considered good			
- Unsecured considered good - Doubtful	594.40	898.26	619.61
	81.91	65.17	707.81
	676.31	963.43	1,327.42
Less : Provision for bad & doubtful debts	(81.91)	(65.17)	(707.81)
	594.40	898.26	619.61
Total	594.40	898.26	619.61
		-	-
			-
Refer note 38 (1) for classification			





ANNUAL REPORT 2016-17

Notes to the Financial Statements

NOTE - 14 : CASH AND CASH EQUIVALENTS

(Rs. in Crore)

	As at			
	31.03.2017	31.03.2016 (Restated)	01.04.2015 (Restated)	
(a) Balances with Banks				
- in Deposit Accounts	-	-	-	
- in Current Accounts*	233.52	351.79	110.19	
- in Cash Credit Accounts	-	-	-	
(b) Bank Balances outside India				
(c) Cheques, Drafts and Stamps in hand				
(d) Cash on hand	0.00	0.01	0.02	
(e) Cash on hand outside India				
(f) Others	-	-	-	
Total Cash and Cash Equivalents	233.52	351.80	110.21	
Bank Overdraft				
Total Cash and Cash Equivalents (net of Bank Overdraft)	233.52	351.80	110.21	
Maximum amount outstanding with Banks other than Scheduled Banks at any time during the year	-	-	-	

*Includes an amount of Rs. 167.54 crores in sweep account with Banks.

Refer note 38 (1) for classification

Cash and cash equivalents comprises cash on hand and at bank, sweep accounts and term deposits held with banks with original maturities of three months or less.

Disclosure about details of Specified Bank Notes (SBN) held and transacted during the period from 8th November, 2016 to 30th December, 2016 as per Amendment to Schedule III of the Companies Act, 2013 in MCA Notification no.SR 308(E), dated 30-3-2017

Bank Notes	Specified denomination	Other notes	Total
Closing cash in hand as on 8.11.2016	272,500.00	60,900.00	333,400.00
(+) Permitted receipts	1,660,500.00	5,132,002.00	6,792,502.00
(-) Permitted payments	14,000.00	2,824,076.00	2,838,076.00
(-) Amount deposited in Banks	1,919,000.00	2,102,421.00	4,021,421.00
Closing cash in hand as on 30.12.2016	-	266,405.00	266,405.00





NORTHERN COALFIELDS LIMITED

Notes to the Financial Statements

NOTE - 15 : OTHER BANK BALANCES

(Rs. in Crore)

	31.03.2017	As at	
		31.03.2016 (Restated)	01.04.2015 (Restated)
Balances with Banks			
- Deposit accounts**	3,228.96	4,458.16	6,705.45
- Mine Closure Plan			
- Shifting and Rehabilitation Fund scheme			
- Unpaid dividend accounts			
- Dividend accounts			
Total	3,228.96	4,458.16	6,705.45
**	Deposit with Banks includes fixed deposit of Rs. 2.87 cr (Rs. 2.44 crores as on 31.03.2016) pledged with Bank as margin money for B. G. Interest accrued thereon is Rs. 0.22 crores (Rs. 0.36 crores as on 31.03.2016).		
**	Deposits with Bank includes Rs. 5.57 Crores (Rs. 5.24 crores as on 31.03.2016) as per the order of Hon'ble High Court, Kolkata, has been kept in separate interest bearing account. Interest accrued on these deposit are Rs. 0.07 Crores (Previous Year Rs. 0.11 Crores).		
	Other Bank Balances comprise term deposits and other bank deposits which are expected to realise in cash within 12 months after the reporting date.		
	Refer note 38 (1) for classification		





ANNUAL REPORT 2016-17

Notes to the Financial Statements

NOTE - 16 : EQUITY SHARE CAPITAL

(Rs. in Crore)

	As at		
	31.03.2017	31.03.2016 (Restated)	01.04.2015 (Restated)
Authorised			
100,00,000 Equity Shares of Rs.1000/- each	1,000.00	1,000.00	1,000.00
	1,000.00	1,000.00	1,000.00
Issued, Subscribed and Paid-up			
13,65,593 Equity shares of Rs. 1000/- each fully paid-up	136.56	177.67	177.67
(17,76,728 Equity shares as on 31.03.2016 & 01.04.2015)			
	136.56	177.67	177.67
Note 1: Shares in the company held by each shareholder holding more than 5% Shares (as on March 31, 2017)			
	Name of Shareholder	No. of Shares Held (Face value of Rs.1000 each)	% of Total Shares
	COAL INDIA LIMITED, The Holding Company	1365593	100%
Note 2: During the period, Company has bought back its 4,11,135 number of Equity shares at the rate of Rs. 30,260.70 per share (face value of 1000 each fully paid up) through tender offer (as approved by NCL Board in 213th meeting on 09.03.2017). Post such buy-back, the number of fully paid equity shares as on 31.03.2017 stands at 13,65,593.			



Notes to the Financial Statements

NOTE 17 : OTHER EQUITY

(Rs. in Crore)

Particulars	Equity portion of Preference Share Capital	Other Reserves				General Reserve	Retained Earnings	Total
		Capital Redemption Reserve	Reserves Capital Reserve	CSR Reserve	Sustainable Development Reserve			
Balance as at- 01.04.2015		400.00				3,023.95	2,275.74	5,699.69
Changes in accounting policy	-						26.22	26.22
Prior period errors	-						7.77	7.77
Restated balance as at 01.04.2015	-	400.00	-	-	-	3,023.95	2,309.73	5,733.68
Transfer to Retained Earnings	-							-
Transfer from Other reserves/ Retained earnings	-					136.13		136.13
Total comprehensive income during the year	-						2,748.02	2,748.02
Appropriations	-							-
Transfer to General reserve	-						(136.13)	(136.13)
Transfer to Other reserves	-							-
Interim Dividend	-						(3,659.92)	(3,659.92)
Final Dividend Dividend tax	-							-
Corporate Dividend Tax	-						(745.08)	(745.08)
Any other change (to be specified)	-							-
Balance as at- 31.03.2016		400.00	-	-	-	3,160.08	516.62	4,076.70
Balance as at- 01.04.2016		400.00	-	-	-	3,160.08	516.62	4,076.70
Additions during the year							-	
Adjustments during the year							-	
Changes in accounting policy or prior period errors							-	
Restated balance as at 01.04.2016	-	400.00	-	-	-	3,160.08	516.62	4,076.70
Transfer to Retained Earnings								-
Transfer from General Reserve/ Retained earnings	-	41.11				104.20		145.31
Total comprehensive income during the period	-						2,084.06	2,084.06
Appropriations	-							-
Transfer to General reserve	-						(104.20)	(104.20)
Transfer to Other reserves	-					(41.11)		(41.11)
Interim Dividend	-						(1,680.00)	(1,680.00)
Final Dividend	-							-
Corporate Dividend tax	-						(342.00)	(342.00)
Tax on Distributed Income (Buy Back)	-						(277.56)	(277.56)
Buyback of Shares*	-					(1,203.01)		(1,203.01)
Balance as at- 31.03.2017		441.11	-	-	-	2,020.16	196.92	2,658.19

* Buyback of 411135 Equity Shares at the rate of Rs. 30,260.70 per share of NCL (as approved by NCL Board in 213th meeting on 09.03.2017)





ANNUAL REPORT 2016-17

Notes to the Financial Statements

NOTE 18: BORROWINGS

(Rs. in Crore)

	As at		
	31.03.2017	31.03.2016 (Restated)	01.04.2015 (Restated)
Non-Current			
Term Loans			
- From Banks	-	-	-
- From Other Parties	-	-	-
Loans from Related Parties			
Other Loans			
Total	-	-	-
CLASSIFICATION			
Secured	-	-	-
Unsecured	-	-	-
Current			
Loans repayable on demand			
- From Banks	-	-	-
- From Other Parties	-	-	-
Loans from Related Parties	250.00	-	-
Other Loans			
Total	250.00	-	-
CLASSIFICATION			
Secured	-	-	-
Unsecured	-	-	-

NOTE - 19 : TRADE PAYABLES

(Rs. in Crore)

	As at		
	31.03.2017	31.03.2016 (Restated)	01.04.2015 (Restated)
Current			
Trade Payables for Micro, Small and Medium Enterprises	0.02	0.26	0.40
Other Trade Payables for			
-Stores and Spares	125.27	147.62	107.43
-Power and Fuel	31.55	40.14	24.13
-Others	423.19	263.81	303.19
TOTAL	580.03	451.83	435.15
Refer note 38 (1) for classification			
Aging of the dues of Micro, Small and Medium Enterprises			
Less than 45 days	0.02		
45 days to 6 months	-		
6 months to 1 year	-		
Above 1 year	-		
	0.02		



Notes to the Financial Statements

NOTE - 20 : OTHER FINANCIAL LIABILITIES

(Rs. in Crore)

	As at		
	31.03.2017	31.03.2016 (Restated)	01.04.2015 (Restated)
Non Current			
Security Deposits	97.57	119.59	141.01
Earnest Money	7.32	12.67	0.70
Others*	4.57	4.91	3.92
	109.46	137.17	145.63
Current			
Current Account with			
- Holding Co./ Other Subsidiaries of CIL	-		
- IICM			
Current maturities of long-term debt			
Unpaid dividends			
Security Deposits	94.75	83.09	100.04
Earnest Money	39.90	11.27	18.57
Others*	1.90	0.73	0.30
TOTAL	136.55	95.09	118.91

* Others include MT bond money received, classified into Current and Non-Current

Notes to the Financial Statements

NOTE - 21 : PROVISIONS

(Rs. in Crore)

	As at		
	31.03.2017	31.03.2016 (Restated)	01.04.2015 (Restated)
Non Current			
Employee Benefits			
- Gratuity*	-	-	-
- Leave Encashment**	106.98	211.28	213.18
- Other Employee Benefits***	126.63	132.86	130.09
Site Restoration/ Mine Closure****	893.17	841.08	780.49
Stripping Activity Adjustment#	5,036.44	5,093.81	5,405.14
Others##	0.12	0.12	0.12
TOTAL	6,163.34	6,279.15	6,529.02

In respect of Gorbi Project (Closed mine), an amount of Rs. 23.00 Crores as on 31.03.2017 (Rs. 23.00 Crores as on 31.03.2016) has been provided as per the technical estimate received from CMPDIL towards mine closure expenses.

A provision of Rs. 0.12 Crores (Previous year Rs. 0.12 Crores) had been made against loss on theft/damage of Fixed Assets.

An amount of Rs. 793.87 Crores credited (Previous year credited Rs. 717.42 Crores) on account of Deferred Stripping Activity Expenses & Rs. 736.50 Crores debited (Previous year debited Rs. 406.09 Crores) on account of Other Stripping Activity Adjustment Account has been given effect in Profit & Loss Account by giving corresponding effect to this extent in Stripping Activity Adjustment.





ANNUAL REPORT 2016-17

Continued Note-21

* Of the total actuarial liability of Rs. 652.92 crores has been net-off with Rs. 661.34 crores deposited with LIC (Rs. 618.43 crores as on 31.03.2016) which includes interest amounting to Rs. 51.72 crores, Net of Insurance Premium Rs. 2.35 Crore, (Prev. year Rs. 53.48 crore, Net of Insurance Premium Rs. 2.40 Crore) has been accounted for on accrual basis for the Year ended 31.03.2017. Net Deposit of Rs. 8.42 Crores (Rs. 35.65 as on 31.03.2016) has been shown in Note 9 Other Current Financial Assets.

** Of the total actuarial liability of Rs. 292.13 crores has been net-off with Rs. 185.15 crores deposited with LIC which includes interest amounting to Rs. 12.75 crores, has been accounted for on accrual basis for the Year ended 31.03.2017

*** it includes provision of Rs. 33.44 Crores (Previous year Rs.28.08 Crores) has been made against CMPF and Pension Fund on Long Term Actuarial Liability of Leave Encashment.

**** In accordance with guidelines issued by Ministry of Coal on 27th August, 2009 & subsequent guidelines, Mine Closure Plan has been prepared by CMPDIL and approved by NCL Board for all the Projects, on account of water quality management, air quality management, waste management, top soil management of coal rejects from washeries, infrastructure, disposal of mining machinery and safety & security. The liability for mine closure expenses (as estimated by CMPDIL) for each mine has been discounted at 8% and capitalized to arrive at the mine closure liability as on 1st year of making such provision. Thereafter the provision has been re-estimated in subsequent year by unwinding the discount to arrive at the provision as on 31.03.2017. Based on above, provision has been made in the accounts for Rs. 893.17 crores upto 31.03.2017 (Upto 31.03.16 Rs. 841.08 Crores) & an amount of Rs. 757.51 crores including Interest received Rs. 125.16 crores cumulative (Upto 31.03.16 Rs. 75.37 Crores) has been deposited in an escrow account set up for this purpose. The discount rate of 8% per annum is adopted to discount the mine closure provision in terms of Ind AS 37, Provisions, Contingent Liabilities & Contingent Assets.

NOTE - 21 : PROVISIONS

(Rs. in Crore)

	As at		
	31.03.2017	31.03.2016 (Restated)	01.04.2015 (Restated)
Current			
Employee Benefits			
- Gratuity			
- Leave Encashment		-	21.58
- Ex- Gratia	73.58	69.61	57.92
- Performance Related Pay*	109.01	240.58	255.84
- Other Employee Benefits**	180.20	139.71	118.81
- NCWA X#	99.86	-	-
- Executive Pay Revision***	9.42	-	-
Mine Closure			
Excise Duty on Closing Stock of Coal	59.44	47.55	39.77
Others			
TOTAL	531.51	497.45	493.92

Pending finalisation of National Coal Wage Agreement (NCWA) - X for Non Executives, an estimated lump sum provision of @ Rs. 8000/- per employee (Non-Executive) per month, considering the total impact of increase in all elements of salary & wages (including the employer's PF contribution), other employee benefits and all superannuation benefits like Gratuity etc. has been made for the period 01.07.2016 to 31.03.2017 amounting to Rs. 99.86 Crores and shown as "NCWA X- Provision" above.

* The total balance liability of Rs. 109.01 crores since 2009-10 upto 31.03.2017. Provision of Rs. 19.75 Crores (Previous year Rs. 17.27 Crores) has been made for the period ended 31.03.2017 in respect of PRP to the Employees (Executives) on estimated basis. (refer Note-28).

** Other Employee Benefits include Rs. 143.37 crores as on 31.03.2017 (P.Y. 124.77 crores) provided for superannuation benefits @ 9.84% on Basic & DA of Executive Salary since 01.01.2007

*** Pending finalisation of Pay Revision for Executives, an estimated lump sum provision of @ Rs. 18,000/- per employee (Executives) per month, considering the total impact of increase in all elements of salary & wages (including the employer's PF contribution), other employee benefits and all superannuation benefits like Gratuity etc. has been made for the period 01.01.2017 to 31.03.2017 amounting to Rs. 9.42 Crores and shown as "Executive Pay Revision Provision" above.





NORTHERN COALFIELDS LIMITED

Notes to the Financial Statements

NOTE - 22 : OTHER NON CURRENT LIABILITIES

(Rs. in Crore)

	As at		
	31.03.2017	31.03.2016 (Restated)	01.04.2015 (Restated)
Shifting & Rehabilitation Fund			
Opening balance			
Add: Interest from investment of the fund (Net of TDS)			
Add: Contribution received			
Less: Amount released to subsidiaries during the year			
Deferred Income (<i>Government Grant</i>)	6.87	-	-
Total	6.87	-	-

NOTE - 23 : OTHER CURRENT LIABILITIES

(Rs. in Crore)

	As at					
	31.03.2017		31.03.2016 (Restated)		01.04.2015 (Restated)	
Capital Expenditure		238.85		58.20		49.45
Statutory Dues:						
Sales Tax/Vat	18.94		22.50		13.49	
Provident Fund & Others	24.84		23.93		20.28	
Central Excise Duty	5.32		12.53		18.80	
Royalty & Cess on Coal	36.33		19.83		14.01	
Stowing Excise Duty	23.19		21.36		20.75	
Clean Energy Cess	606.71		293.00		153.88	
National Mineral Exploration Trust	29.91		8.93		0.00	
District Mineral Foundation	56.01		146.69		-	
Other Statutory Levies	49.35		55.86		386.97	
Income Tax deducted/collected at Source	56.63	907.23	39.64	644.27	46.74	674.92
Amount payable to Customers		445.73		378.30		302.45
Advance from customers / others		807.94		732.52		713.55
Tax on Dividend Distribution						
Others liabilities		399.71		302.72		241.85
TOTAL		2,799.46		2,116.01		1,982.22





ANNUAL REPORT 2016-17

Notes to the Financial Statements

NOTE - 24 :REVENUE FROM OPERATIONS

(Rs. in Crore)

	For the year ended 31.03.2017		For the year ended 31.03.2016	
A. Sales of Coal*		17,676.81		14,683.99
Less : Other Statutory Levies				
Royalty	1,370.10		1,248.98	
Cess on Coal	12.96		10.17	
Stowing Excise Duty	83.52		78.54	
Central Sales Tax	142.73		125.74	
Clean Energy Cess	3,340.19		1,717.15	
State Sales Tax/VAT	462.97		345.12	
National Mineral Exploration Trust	42.31		16.57	
District Mineral Foundation	607.88		155.44	
Other Levies	578.48		451.24	
Total Levies		6,641.14		4,148.95
Sales (Net) (A)*		11,035.67		10,535.04
B. Other Operating Revenue				
Facilitation charges for coal import				
Subsidy for Sand Stowing & Protective Works				
Loading and additional transportation charges	267.31		250.05	
Less : Other Statutory Levies	8.99	258.32	8.29	241.76
Other Operating Revenue (Net) (B)		258.32		241.76
Revenue from Operations (A + B)		11,293.99		10,776.80
*includes incentive from customers Rs. 180.99 Crores for the Year ended 31.03.2017 (Previous Year Rs. 213.97 Crores).				
Net Sales of goods (including excise duty) of Rs. 11,035.67 Crores (Year ended 31.03.2016 Rs. 10,535.04 Crores) and Net Sales of goods (net of excise duty) is Rs. 10,251.88 crores (Year ended 31.03.2016 Rs.9,855.27 crores)				



Notes to the Financial Statements

NOTE - 25 :OTHER INCOME

(Rs. in Crore)

	For the year ended 31.03.2017	For the year ended 31.03.2016
Interest Income		
Deposits with Banks	374.66	642.25
Investments		
Loans*	0.14	0.30
Funds parked within Group	50.50	49.94
Others	113.74	159.72
Dividend Income		
Investments in Subsidiaries		
Investments in Mutual Funds	1.31	2.35
Other Non-Operating Income		
Profit on Sale of Assets		
Gain on Foreign exchange Transactions		
Exchange Rate Variance	7.17	-
Lease Rent	2.72	2.85
Liability / Provision Write Backs	7.68	11.85
Excise Duty on Decrease in Stock		
Miscellaneous Income**	118.45	37.98
Total	676.37	907.24
*Loan to Employees only		
** includes an amount of Rs. 73.74 crores for recognition of MCP Receivable during the year 2016-17 on basis of the Report of CMPDIL received in the year 2016-17		

NOTE - 26 :COST OF MATERIALS CONSUMED

(Rs. in Crore)

	For the year ended 31.03.2017	For the year ended 31.03.2016
Explosives	569.58	557.98
Timber		
Oil & Lubricants	604.27	540.69
HEMM Spares	549.95	517.66
Other Consumable Stores & Spares	125.38	132.23
Total	1,849.18	1,748.56





ANNUAL REPORT 2016-17

Notes to the Financial Statements

NOTE - 27 : CHANGES IN INVENTORIES OF FINISHED GOODS, WORK IN PROGRESS AND STOCK IN TRADE

(Rs. in Crore)

	For the year ended 31.03.2017		For the year ended 31.03.2016	
Opening Stock of Coal	553.93		379.54	
Add: Adjustment of opening stock				
Less: Deterioration of Coal		553.93		379.54
Less:- Closing Stock of Coal	552.81		553.93	
Less: Deterioration of Coal		552.81		553.93
A Change in Inventory of Coal		1.12		(174.39)
Opening Stock of Workshop made finished goods and WIP	-		-	
Add: Adjustment of Opening Stock				
Less: Provision		-		-
Less:				
Closing Stock of Workshop made finished goods and WIP	-		-	
Less: Provision		-		-
B Change in Inventory of workshop		-		-
Press Opening Job				
i) Finished Goods				
ii) Work in Progress		-		-
Less: Press Closing Job				
i) Finished Goods				
ii) Work in Progress		-		-
C Change in Inventory of Closing Stock of Press Job		-		-
Change in Inventory of Stock in trade (A + B + C) {Decretion / (Accretion)}		1.12		(174.39)

NOTE - 28 : EMPLOYEE BENEFITS EXPENSES

(Rs. in Crore)

	For the year ended 31.03.2017	For the year ended 31.03.2016
Salary, Wages, Allowances ,Bonus etc.	1,445.57	1,352.66
Ex-Gratia*	79.90	80.62
Performance Related Pay**	19.76	17.27
Contribution to P.F. & Other Funds	184.81	178.37
Gratuity	34.14	(14.40)
Leave Encashment	80.82	53.68
VRS	-	-
Workman Compensation	0.13	(0.24)
Medical Expenses for existing employees	32.45	28.23
Medical Expenses for retired employees	6.47	5.63
Grants to Schools & Institutions	11.90	18.64
Sports & Recreation@	5.22	4.41
Canteen & Creche	0.75	0.84
Power - Township	71.48	69.69



Notes to the Financial Statements

NOTE - 28 : EMPLOYEE BENEFITS EXPENSES

(Rs. in Crore)

	For the year ended 31.03.2017	For the year ended 31.03.2016
Hire Charges of Bus, Ambulance etc.	4.14	3.86
Other Employee Benefits	25.08	25.23
Executive Pay Revision Provision***	9.42	-
NCWA X- Provision#	99.86	-
2,111.90	1,824.49	
<p>* Provision of Rs. 79.90 Crores (Previous year Rs. 80.62 Crores) has been made during the period ended 31.03.2017 in respect of Ex-gratia to the Employees (Non-Executives) on the basis of Ex-gratia declared for the year 2015-16.</p>		
<p>**Refer Note no. 21 (Current)</p>		
<p>#Pending finalisation of National Coal Wage Agreement (NCWA) - X for Non Executives, an estimated lump sum provision of @ Rs. 8000/- per employee (Non-Executive) per month, considering the total impact of increase in all elements of salary & wages (including the employer's PF contribution), other employee benefits and all superannuation benefits like Gratuity etc. has been made for the period 01.07.2016 to 31.03.2017 amounting to Rs. 99.86 Crores and shown as "NCWA X- Provision" above.</p>		
<p># Pending finalisation of Pay Revision for Executives, an estimated lump sum provision of @ Rs. 18,000/- per employee (Executives) per month, considering the total impact of increase in all elements of salary & wages (including the employer's PF contribution), other employee benefits and all superannuation benefits like Gratuity etc. has been made for the period 01.01.2017 to 31.03.2017 amounting to Rs. 9.42 Crores and shown as "Executive Pay Revision Provision" above.</p>		
<p>@ includes an amount of Rs. 2.01 crores for Year ended 31.03.2017 (previous year Rs. 1.81 Crores) towards contribution to Coal India Sports Promotion Association (CISPA) @ Rs. 0.25/- per tonne i.e. 1/4th of coal produced in corresponding period of previous year, as decided in 296th CIL Board Meeting.</p>		

NOTE - 29 : CORPORATE SOCIAL RESPONSIBILITY EXPENSE

(Rs. in Crore)

	For the year ended 31.03.2017	For the year ended 31.03.2016
CSR Expenses	77.33	153.97
Total	77.33	153.97

Amount Spent during the period:

(Rs. in Crore)

	In Cash	Yet to be paid in cash	Total
(i) Construction/ acquisition of any asset	28.85	6.29	35.14
(ii) Others	37.43	4.76	42.19
Total	66.28	11.05	77.33

NOTE - 30 : Repairs

(Rs. in Crore)

	For the year ended 31.03.2017	For the year ended 31.03.2016
Building	93.88	90.11
Plant & Machinery	140.95	124.10
Others	14.54	11.40
Total	249.37	225.61





ANNUAL REPORT 2016-17

Notes to the Financial Statements

NOTE - 31 : CONTRACTUAL EXPENSES

(Rs. in Crore)

	For the year ended 31.03.2017	For the year ended 31.03.2016
Transportation Charges :		
- Sand		
- Coal	159.27	109.44
- Stores & Others		
Wagon Loading		
Hiring of Plant and Equipments	2,060.71	1,958.26
Other Contractual Work	57.57	53.55
Total	2,277.55	2,121.25

NOTE - 32 : FINANCE COSTS

(Rs. in Crore)

	For the year ended 31.03.2017	For the year ended 31.03.2016
Interest Expenses		
Borrowings	-	-
Unwinding of discounts	52.08	60.60
Funds parked within Group		
Others*	0.39	0.44
Other Borrowing Costs	-	-
Total	52.47	61.04
*Others include Interest on MT Bond Money		

NOTE - 33 : PROVISIONS (NET OF REVERSAL)

(Rs. in Crore)

	For the year ended 31.03.2017	For the year ended 31.03.2016
(A) Provision made for		
Doubtful debts	79.15	57.79
Doubtful Advances & Claims	6.86	1.06
Stores & Spares	10.66	1.85
Others*	13.45	0.42
Total (A)	110.12	61.12
(B) Provision Reversal		
Doubtful debts	62.08	-
Doubtful Advances & Claims	0.50	0.22
Stores & Spares	0.17	1.87
Others	-	2.82
Total (B)	62.75	4.91
Total (A-B)	47.37	56.21
*Others include Provision for Capital WIP Assets and Exploration & Evaluation Assets		



Notes to the Financial Statements

NOTE 34 : WRITE OFF (Net of past provisions)

(Rs. in Crore)

	For the year ended 31.03.2017		For the year ended 31.03.2016	
Doubtful debts	0.32		730.70	
Less :- Provided earlier	0.32	-	700.43	30.27
Doubtful advances	-		-	
Less :- Provided earlier		-		-
Stock of Coal				
Less :- Provided earlier		-		-
Others	-		-	
Less :- Provided earlier		-		-
Total		-		30.27

NOTE - 35 : OTHER EXPENSES

(Rs. in Crore)

	For the year ended 31.03.2017	For the year ended 31.03.2016
Travelling expenses		
- Domestic	11.21	10.84
- Foreign	0.07	0.13
Training Expenses*	5.47	5.30
Telephone, Postage & Stationery	6.23	4.83
Advertisement & Publicity	10.40	10.34
Freight Charges	0.14	0.61
Demurrage	12.21	-
Donation/Subscription	0.01	-
Security Expenses	58.04	37.04
Service Charges of CIL **	42.26	40.11
Hire Charges	30.29	19.66
Legal Expenses	0.87	1.22
Bank Charges	0.04	0.07
Guest House Expenses	1.25	1.19
Consultancy Charges		
- CMPDI	29.83	20.46
- Others	0.47	0.03
Under Loading Charges	46.73	20.69
Loss on Sale/Discard/Surveyed of Assets	4.58	0.38
Auditor's Remuneration & Expenses		
- For Audit Fees	0.16	0.09
- For Taxation Matters	-	-
- For Other Services	0.22	0.24
- For Reimbursement of Exps.	0.20	0.13
Internal & Other Audit Expenses	1.95	1.74





ANNUAL REPORT 2016-17

Continued to Note-35

	For the year ended 31.03.2017	For the year ended 31.03.2016
Rehabilitation Charges***	50.08	47.11
Royalty & Cess	203.51	117.01
Central Excise Duty (<i>Provision on Closing Stock</i>)	11.87	7.78
Rent	0.22	-
Rates & Taxes	36.56	15.37
Insurance	0.74	0.55
Loss on Foreign Exchange Transactions		
Loss on Exchange Rate Variance		
Lease Rent	0.03	0.03
Rescue/Safety Expenses	22.39	29.12
Dead Rent/Surface Rent	-	-
Siding Maintenance Charges	3.22	1.44
Land/Crops Compensation		
R & D expenses	0.64	1.83
Environmental & Tree Plantation Expenses	10.51	11.92
Miscellaneous expenses	44.89	14.00
Total	647.29	421.26

*As per advice received from Coal India Limited, Holding Company, training expenses @ Rs. 0.50 per tonne of production during the year ended 31.03.2017 amounting to Rs. 4.20 crores (Previous year Rs. 4.01 crores), towards contribution to Indian Institute of Coal Management (IICM) has been included in Training Expenses

** As per advice received from Coal India Limited, Holding Company, the service charges @ Rs. 5/- per tonne of production of coal has been charged.

***As per advice received from Coal India Limited, Holding Company, the rehabilitation charges @ Rs. 6/- per tonne of dispatch has been charged.

NOTE 36 : TAX EXPENSES

(Rs. in Crore)

	For the year ended 31.03.2017	For the year ended 31.03.2016
Current Year*	1,095.59	1,114.30
Deferred tax	(35.56)	399.73
MAT Credit Entitlement		
Earlier Years	(42.90)	(154.11)
Total	1,017.13	1,359.92

*In the opinion of the management, provision made for Income Tax during the year Rs. 1,095.59 crores (Prev. year Rs. 1,114.30 crores) is considered adequate.



Notes to the Financial Statements

NOTE 37 : OTHER COMPREHENSIVE INCOME

(Rs. in Crore)

	For the year ended 31.03.2017	For the year ended 31.03.2016
(A) (i) Items that will not be reclassified to profit or loss		
Changes in revaluation surplus		
Re-measurement of defined benefit plans	(29.44)	(7.55)
Equity instrument through OCI		
Fair value changes relating to own credit risk of financial liabilities designated at FVTPL		
Share of OCI in Joint ventures		
	(29.44)	(7.55)
(ii) Income tax relating to items that will not be reclassified to profit or loss		
Changes in revaluation surplus		
Re-measurement of defined benefit plan Equity instrument through OCI	10.19	2.61
Fair value changes relating to own credit risk of financial liabilities designated at FVTPL		
Share of OCI in Joint ventures		
	10.19	2.61
Total (A)	(19.25)	(4.94)
(B) (i) Items that will be reclassified to profit or loss		
Exchange differences in translating the financial statements of a foreign operation		
Debt instrument through OCI		
The effective portion of gains and loss on hedging instruments in a cash flow hedge		
Share of OCI in Joint ventures		
	-	-
(ii) Income tax relating to items that will be reclassified to profit or loss		
Exchange differences in translating the financial statements of a foreign operation		
Debt instrument through OCI		
The effective portion of gains and loss on hedging instruments in a cash flow hedge		
Share of OCI in Joint ventures	-	-
Total (B)	-	-
Total (A + B)	(19.25)	(4.94)





NOTE – 38: ADDITIONAL NOTES TO THE FINANCIAL STATEMENTS FOR THE YEAR ENDED 31ST MARCH, 2017

1. Fair Value measurement

(a) Financial Instrument by measurement

	1 st March 2017			31 st March 2016			1 st April 2015			
	FVTPL	FVTOCI	Amortised	FVTPL cost	FVTOCI	Amortised COST	COST	FVTPL	FVTOCI	Amortised COST
Financial Assets										
Investments :										
Secured Bonds			-			-				11.46
Preference Share in Subsidiary	-	-	-	-	-	-	-	-	-	
Mutual Fund	51.31			-				50.16		
Loans			10.39			12.88				15.37
Deposits & receivable			1,072.29			1,508.80				1,455.59
Trade receivables			594.40			898.26				619.61
Cash & cash equivalents			233.52			351.80				110.21
Other Bank Balances			3,228.96			4,458.16				6,705.45
Financial Liabilities										
Borrowings			250.00			-				-
Trade payables			580.03			451.83				435.15
Security Deposit and Earnest money			239.54			226.62				260.32
Other Liabilities			6.47			5.64				4.22

(b) Fair value hierarchy

Table below shows Judgements and estimates made in determining the fair values of the financial instruments that are (a) recognized and measured at fair value and (b) measured at amortized cost and for which fair values are disclosed in the financial statements. To provide an indication about the reliability of the inputs used in determining fair value, the group has classified its financial instruments into the three levels prescribed under the accounting standard. An explanation of each level follows underneath the table.



	31 st March 2017			31 st March 2016			1 st April 2015		
	Level I	Level II	Level III	Level I	Level II	Level III	Level I	Level II	Level III
Financial assets and liabilities measured at fair value-recurring fair value measurement Financial Assets at FVTPL									
Investments :									
Mutual Fund	51.31			-			50.16		
Financial Liabilities									
If any item	-	-	-	-	-	-	-	-	-

	31 st March 2017			31 st March 2016			1 st April 2015		
	Level I	Level II	Level III	Level I	Level II	Level III	Level I	Level II	Level III
Financial assets and liabilities measured at amortised cost for which March fair values are disclosed at 31st March, 2017									
Financial Assets at FVTPL									
Investments :									
Equity Shares in JV			-			-			-
Mutual Fund	51.31			-			50.16		
Financial Liabilities									
Preference Share			-			-			-
Borrowings			250.00			-			-
Trade payables			580.03			451.83			435.15
Security Deposit and Earnest money			239.54			226.62			260.32
Other Liabilities			6.47			5.64			4.22

Level 1: Level 1 hierarchy includes financial instruments measured using quoted prices. This includes mutual funds that have quoted price and are valued using the closing NAV.

Level 2: The fair value of financial instruments that are not traded in an active market is determined using valuation techniques which maximize the use of observable market data and rely as little as possible on entity-specific estimates. If all significant inputs required to fair value an instrument are observable, the instrument is included in level 2.

Level 3: If one or more of the significant inputs is not based on observable market data, the instrument is included in level 3.

This is the case for unlisted equity securities, preference shares borrowings, security deposits and other liabilities taken included in level 3.

(c) Valuation technique used in determining fair value

Valuation techniques used to value financial instruments include:

- The use of quoted market prices of instruments
 - The fair value of the remaining financial instruments is determined using discounted cash flow analysis.
- Fair value measurements using significant unobservable inputs-
At present there are no fair value measurements using significant unobservable inputs.

(vi) Fair values of financial assets and liabilities measured at amortized cost





	31 st March 2017		31 st March 2016		1 st April 2015	
	Carrying Amount	Fair Value	Carrying Amount	Fair Value	Carrying Amount	Fair Value
Financial Assets						
Loans	10.39	10.39	12.88	12.88	15.37	15.37
Financial Liabilities						
Borrowings	250.00	250.00	-	-	-	-
Security Deposit and	239.54	239.54	226.62	226.62	260.32	260.32

- The group considers that the “Security Deposits” does not include a significant financing component. The milestone payments (security deposits) coincide with the company’s performance and the contract requires amounts to be retained for reasons other than the provision of finance. The withholding of a specified percentage of each milestone payment is intended to protect the interest of the company, from the contractor failing to adequately complete its obligations under the contract’. Accordingly transaction cost of Security deposit is considered as fair value at initial recognition and subsequently measured at amortized cost.
- The carrying amounts of trade receivables, short term deposits, cash and cash equivalents, trade payables are considered to be the same as their fair values, due to their short-term nature.
- Other Financial assets accounted at amortized cost are not carried at fair value only if same is not material.

Significant estimates: the fair value of financial instruments that are not traded in an active market is determined using valuation techniques. Company uses its judgments to select a method and makes suitable assumptions at the end of each reporting period.

2. RISK ANALYSIS AND MANAGEMENT

Financial risk management objectives and policies

The Company’s principal financial liabilities comprise trade and other payables. The main purpose of these financial liabilities is to finance the Company’s operations and to provide guarantees to support its operations. The Company’s principal financial assets include loans, trade and other receivables, and cash and cash equivalents that are derived directly from its operations.

The Company is exposed to market risk, credit risk and liquidity risk. The Company’s senior management oversees the management of these risks. The Company’s senior management is supported by a risk committee that advises, inter alia, on financial risks and the appropriate financial risk governance framework for the Group. The risk committee provides assurance to the Board of Directors that the Group’s financial risk activities are governed by appropriate policies and procedures and that financial risks are identified, measured and managed in accordance with the Group’s policies and risk objectives. The Board of Directors reviews and agrees policies for managing each of these risks, which are summarized below.

The Group is exposed to market risk, credit risk and liquidity risk. This note explains the sources of risk which the entity is exposed to and how the entity manages the risk and the impact of hedge accounting in the financial statements



Risk	Exposure arising from	Measurement	Management
Credit Risk	Cash and Cash equivalents, trade receivables financial asset measured at amortized cost	Ageing analysis	Department of public enterprises (DPE guidelines), diversification of bank deposits credit limits and other securities
Liquidity Risk	Borrowings and other liabilities	Periodic cash flows	Availability of committed credit lines and borrowing facilities
Market Risk-foreign exchange	Future commercial transactions, recognized denominated in INR liabilities not	Cash flow forecast sensitivity analysis and committee.	Regular watch and review by senior management and audit financial assets
Market Risk-interest rate	Cash and Cash equivalents, Bank deposits and mutual funds	Cash flow forecast sensitivity analysis	Department of public enterprises (DPE guidelines), Regular watch and review by senior management and audit committee.

The Company risk management is carried out by the board of directors as per DPE guidelines issued by Government of India. The board provides written principals for overall risk management as well as policies covering investment of excess liquidity.

- A. Credit Risk:** Credit risk arises from cash and cash equivalents, investments carried at amortized cost and deposits with banks and financial institutions, as well as including outstanding receivables.

Credit risk management:

Macro - economic information (such as regulatory changes) is incorporated as part of the fuel supply agreements (FSAs) and e-auction terms

Fuel Supply Agreements

As contemplated in and in accordance with the terms of the NCDP, we enter into legally enforceable FSAs with our customers or with State Nominated Agencies that in turn enters into appropriate distribution arrangements with end customers. Our FSAs can be broadly categorized into:

- FSAs with customers in the power utilities sector, including State power utilities, private power Utilities (“PPUs”) and independent power producers (“IPPs”);
- FSAs with customers in non-power industries (including captive power plants (“CPPs”)); and
- FSAs with State Nominated Agencies.

E-Auction Scheme

The E-Auction scheme of coal has been introduced to provide access to coal for customers who were not able to source their coal requirement through the available institutional mechanisms under the NCDP for various reasons, for example, due to a less than full allocation of their normative requirement under NCDP, seasonality of their coal requirement and limited requirement of coal that does not warrant a long-term linkage. The quantity of coal to be offered under E-Auction is reviewed from time to time by the MoC.

Provision for expected credit loss: The group provides for expected credit risk loss for doubtful/ credit impaired assets, by lifetime expected credit losses (Simplified approach)





ANNUAL REPORT 2016-17

Expected Credit losses for trade receivables under simplified approach As on 31.03.2017

(Rs. in Crores)

Ageing	Due for 2 months	Due for 6 months	Due for 1 year	Due for 2 year	Due for 3 year	Due for more than 3 year	Total
Gross carrying amount	470.66	41.07	44.03	97.82	17.40	5.33	676.31
Expected loss rate	6.98%	98.37%	0.00%	3.31%	0.57%	100.00%	12.11%
Expected credit losses (Loss allowance provision)	32.84	40.40	-	3.24	0.10	5.33	81.91

As on 31.03.2016

(Rs. in Crores)

Ageing	Due for 2 months	Due for 6 months	Due for 1 year	Due for 2 year	Due for 3 year	Due for more than 3 year	Total
Gross carrying amount	776.62	108.29	31.62	19.07	24.85	2.98	963.43
Expected loss rate	7.99%	0.00%	0.00%	0.52%	0.00%	100.00%	6.76%
Expected credit losses (Loss allowance provision)	62.09	-	-	0.10	-	2.98	65.17

As on 31.03.2015

(Rs. in Crores)

Ageing	Due for 2 months	Due for 6 months	Due for 1 year	Due for 2 year	Due for 3 year	Due for more than 3 year	Total
Gross carrying amount	327.42	3.38	-	993.64	-	2.98	1327.42
Expected loss rate	0.00%	0.00%	0.00%	70.93%	0.00%	100.00%	53.32%
Expected credit losses (Loss allowance provision)	-	-	-	704.83	-	2.98	707.81

Reconciliation of loss allowance provision - Trade receivables

(Rs. in Crores)

Loss allowance on 01.04.2015	707.81
Change in loss allowance	(642.64)
Loss allowance on 31.03.2016	65.17
Changes in loss allowance	16.74
Loss allowance on 31.03.2017	81.91

Significant estimates and judgements Impairment of financial assets

The impairment provisions for financial assets disclosed above are based on assumptions about risk of default and expected loss rates. The group uses judgement in making these assumptions and selecting the inputs to the impairment calculation, based on the group's past history, existing market conditions as well as forward looking estimates at the end of each reporting period

B. Liquidity Risk

Prudent liquidity risk management implies maintaining sufficient cash and marketable securities and the availability of funding through an adequate amount of committed credit facilities to meet obligations when due. Due to the dynamic nature of the underlying businesses, company treasury maintains flexibility in funding by maintaining availability under committed credit lines.

Management monitors forecasts of the company's liquidity position (comprising the undrawn borrowing facilities below) and cash and cash equivalents on the basis of expected cash flows. This is generally carried out at local level in the operating companies of the group in accordance with practice and limits set by the group.



(i) Maturities of financial liabilities

The tables below analyze the company's financial liabilities into relevant maturity groupings based on their contractual maturities.

The amounts disclosed in the table are the contractual undiscounted cash flows. Balances due within 12 months equal their carrying balances as the impact of discounting is not significant.

Contractual maturities of financial liabilities 31.03.2017	Less than months	3 months to 6 months	6 months to 1 year	1 year to 2 year	2 year to 5 year	Total
Borrowings	-	-	-	-	-	-
Obligation under financial lease	-	-	-	-	-	-
Trade payables	443.29	25.18	51.80	31.27	28.49	580.03
Other financial liabilities	12.92	5.38	172.55	38.01	17.15	246.01
Total	456.21	30.56	224.35	69.28	45.64	826.04

Contractual maturities of financial liabilities 31.03.2016	Less than months	3 months to 6 months	6 months to 1 year	1 year to 2 year	2 year to 5 year	Total
Borrowings	-	-	-	-	-	-
Obligation under financial lease	-	-	-	-	-	-
Trade payables	340.22	11.01	52.57	18.33	29.70	451.83
Other financial liabilities	20.91	8.20	123.88	44.22	35.04	232.26
Total	361.13	19.22	176.45	62.55	64.74	684.09

Contractual maturities of financial liabilities 01.04.2015	Less than months	3 months to 6 months	6 months to 1 year	1 year to 2 year	2 year to 5 year	Total
Borrowings	-	-	-	-	-	-
Obligation under financial lease	-	-	-	-	-	-
Trade payables	332.41	7.56	48.33	15.40	31.45	435.15
Other financial liabilities	26.19	4.35	154.68	20.65	58.67	264.54
Total	358.60	11.91	203.01	36.05	90.12	699.69

Market risk

a) Foreign currency risk

The company is exposed to foreign exchange risk arising from foreign currency transactions. Foreign exchange risk in respect of foreign operation is considered to be insignificant. The company also imports and risk is managed by regular follow up. Company has a policy which is implemented when foreign currency risk becomes significant.

b) Cash flow and fair value interest rate risk 107(33)(a),

The company's main interest rate risk arises from bank deposits with change in interest rate exposes the company to cash flow interest rate risk. Company policy is to maintain most of its deposits at fixed rate.

Company manages the risk using guidelines from Department of public enterprises (DPE), diversification of bank deposits credit limits and other securities.





Capital management

The company being a government entity manages its capital as per the guidelines of Department of investment and public asset management under ministry of finance. Capital Structure of the company is as follows:

	31.03.2017	31.03.2016	01.04.2015
Equity Share capital	136.56	177.67	177.67
Preference share capital-	-	-	-
Long term debt	-	-	-

3. Group Information:

Name	Relationship with NCL	Principal activities	Country of Incorporation	% of Equity interest		
				01.04.2015	31.03.2016	31.03.2017
COAL INDIA LIMITED	Holding Company	Coal Extraction & Sale	India	100	100	100
Eastern Coalfields Limited (ECL) Sanctoria, West Bengal	Fellow Subsidiary	Coal Extraction & Sale	India	0	0	0
Bharat Coking Coal Limited (BCCL), Dhanbad, Jharkhand	Fellow Subsidiary	Coal Extraction & Sale	India	0	0	0
Central Coalfields Limited (CCL), Ranchi, Jharkhand	Fellow Subsidiary	Coal Extraction & Sale	India	0	0	0
South Eastern Coalfields Limited (SECL), Bilaspur, Chattishgarh	Fellow Subsidiary	Coal Extraction & Sale	India	0	0	0
Western Coalfields Limited (WCL), Nagpur, Maharashtra	Fellow Subsidiary	Coal Extraction & Sale	India	0	0	0
Mahanadi Coalfields Limited (MCL), Sambalpur, Orissa	Fellow Subsidiary	Coal Extraction & Sale	India	0	0	0
Central Mine Planning and Design Institute Limited (CMP DIL), Ranchi, Jharkhand	Fellow Subsidiary	Coal Extraction & Sale	India	0	0	0

4. Employee Benefits: Recognition and Measurement (Ind AS-19)

i) Provident Fund:

Company pays fixed contribution towards Provident Fund and Pension Fund at pre-determined rates to a separate trust named Coal Mines Provident Fund (CMPF), which invests the fund in permitted securities. The contribution towards the fund during the year is 184.81 Crore (178.37 Crore) has been recognized in the Statement of Profit & Loss (Note 28).

ii) The Company operates some defined benefit plans as follows which are valued on actuarial basis:

(a) Funded-

- Gratuity
- Leave Encashment



(b) Unfunded

- Life Cover Scheme
- Settlement Allowance
- Group Personal Accident Insurance
- Leave Travel Concession
- Medical Benefits
- Compensation to dependent on Mine Accident Benefits

Total liability as on 31.03.2017 based on valuation made by the Actuary, details of which are mentioned below is 1,075.05 Crore. The actuarial liability as on 31.03.2017:

(Rs. in Crore)

Head	Opening Actuarial Liability as on 01.04.2016	Incremental Liability during the Year	Closing Actuarial Liability as on 31.03.2017
Gratuity	618.43	34.49	652.92
Earned Leave	193.70	36.10	229.80
Half Pay Leave	52.58	9.75	62.33
Life Cover Scheme	3.94	0.09	4.03
Settlement Allowance Executives	4.57	0.78	5.35
Settlement Allowance Non-executives	6.83	0.19	7.02
Group Personal Accident Insurance Scheme	0.11	-	0.11
Leave Travel Concession	26.41	1.49	27.90
Medical Benefits Executives	67.95	5.55	73.50
Medical Benefits Non-Executives	0.86	2.24	3.10
Compensation to dependents in case of mine accidental death	9.04	(0.05)	8.99
Total	984.42	90.63	1,075.05

iii) Disclosure as per Actuary's Certificate

The disclosures as per actuary's certificate for employee benefits for Gratuity (funded) and Leave Encashment (funded) are given below: -

ACTUARIAL VALUATION OF GRATUITY LIABILITY AS AT 31.03.2017 CERTIFICATES AS PER IND AS 19 (2015)

(Rs. in Crores)

Changes in present Value defined benefit obligations	As at 31.03.2017	As at 31.03.2016
Present Value of obligation at beginning of the period	618.43	646.90
Current Service Cost	38.47	45.20
Interest Cost	41.90	48.76
Actuarial (Gain)/Loss on obligations due to change in financial assumption	29.11	-
Actuarial (Gain)/Loss on obligations due to unexpected experience	5.81	[47.52]
Benefits Paid 80.80	74.91	
Present Value of obligation at end of the period	652.92	618.43





ANNUAL REPORT 2016-17

(Rs. in Crores)

Changes in Fair Value of Plan Assets	As at 31.03.2017	As at 31.03.2016
Fair Value plan Asset at beginning of the period	637.79	688.40
Interest Income	46.24	55.07
Employer Contributions	52.63	40.59
Benefits Paid 80.80	74.91	
Return on plan Assets excluding interest Income	5.48	(55.07)
Fair Value of plan Asset as at end of the period	661.34	654.08

(Rs. in Crores)

Statements showing reconciliation to Balance Sheet	As at 31.03.2017	As at 31.03.2016
Funded Status	8.42	35.66
Unrecognized actuarial (gain)/loss at end of the period	-	-
Fund Asset	661.34	654.08
Fund Liability	652.92	618.43

(Rs. in Crores)

Statement showing plan Assumptions :	As at 31.03.2017	As at 31.03.2016
Discount Rate	7.25%	8.00%
Expected Return on Plan Asset	7.25%	8.00%
Rate of Compensation Increase (Salary Inflation)	9.00% for Executive staff 6.50% for Non Executive staff	6.25%
Average Expected Future Service (Remaining Working Life)	12	11
Average Duration of Liabilities	12	11
Mortality Table	IALM 2006-2008 Ultimate	
Superannuation at Age	60	60
Early Retirement and Disablement	1.00%	1.00%

(Rs. in Crores)

Expense Recognized in Statement of Profit/Loss :	As at 31.03.2017	As at 31.03.2016
Current Service Cost	38.47	45.20
Net Interest Cost	(4.33)	(6.32)
Benefit Cost (Expense recognized in Statement of Profit/Loss)	34.13	38.89

(Rs. in Crores)

Other Comprehensive Income	As at 31.03.2017	As at 31.03.2016
Actuarial (Gain)/Loss on obligations due to change in financial assumption	29.11	-
Actuarial (Gain)/Loss on obligations due to unexpected experience	5.81	(47.52)
Total Actuarial (Gain)/Loss	34.93	(47.52)
Return on plan Asset, excluding Interest Income	5.48	(55.07)
Balance at the end of the period	29.44	7.55
	-	-
Net (Income)/Expense for the period recognized in other comprehensive Income	29.44	7.55
	-	-



NORTHERN COALFIELDS LIMITED

Sensitivity Analysis	Increase	Decrease
Discount Rate (-/+0.5%)	633.23	673.82
% Change Compared to base due to sensitivity	-3.02%	3.20%
Salary Growth (-/+0.5%)	656.83	648.91
% Change Compared to base due to sensitivity	0.60%	-0.62%
Attrition Rate (-/+0.5%)	653.45	652.39
% Change Compared to base due to sensitivity	0.08%	-0.08%
Mortality Rate (-/+0.5%)	656.90	648.95
% Change Compared to base due to sensitivity	0.61%	-0.61%

Statement Showing Cash Flow Information	(Rs. In Crores)
Next Year Total (Expected)	708.58
Minimum Funding Requirements	86.90
Company's Discretion	-

Mortality	Table
Age	Mortality (Per Annum)
25	0.000984
30	0.001056
35	0.001282
40	0.001803
45	0.002874
50	0.004946
55	0.007888
60	0.011534
65	0.0170085
70	0.0258545

Statement Showing Benefit Information Estimated Futurepayments (Past Service)

Year	Indian Rupees (INR)
1	876034683
2	827454899
3	865708391
4	781334711
5	791978287
6 to 10	3243703105
More than 10 years	4010332458
Total Undiscounted Payments Past and Future Service	-
Total Undiscounted Payments related to Past Service	11396546533
Less Discount For Interest	4867317859
Projected Benefit Obligation	6529228674

Statement Showing Cash Flow Information	(Rs. In Crores)
Current service Cost (Employer portion Only) Next period	44.24
Interest Cost next period	44.16
Expected Return on plan Asset	47.95
Benefit Cost	40.45

(Rs. in Crores)

Statement showing expected return on plan Asset at end Measurement	31.03.2017	31.03.2016
Current liability	84.59	75.85
Non-Current Liability	568.33	542.58
Net Liability	652.92	618.43

Note : Last year Gratuity Payment due of Rs. 16,29,43,826 has been paid by the company in the current year.





**ACTUARIAL VALUATION OF LEAVE ENCASHMENT BENEFIT (EL/HPL) AS AT 31.03.2017
CERTIFICATES AS PER IND AS 19 (2015)**

Changes in Present Value of defined benefit obligations	As at 31.03.2017	As at 31.03.2016
Present Value of obligation at beginning of the period	246.28	234.76
Current Service Cost	26.86	23.96
Interest Cost	16.13	17.07
Actuarial (Gain) / Loss on obligations due to change in financial assumption	15.90	-
Actuarial (Gain) / Loss on obligations due to unexpected experience	34.66	13.38
Benefits Paid	47.72	42.89
Present Value of obligation at end of the period	292.13	246.28

(Rs. in Crores)

Changes in Fair Value of Plan Assets	As at 31.03.2017	As at 31.03.2016
Fair Value plan Asset at beginning of the period	35.00	-
Interest Income	2.54	-
Employer Contributions	185.12	77.89
Benefits Paid	47.72	42.89
Return on plan Assets excluding interest Income	10.21	-
Fair Value of plan Asset as at end of the period	185.15	35.00

(Rs. in Crores)

Statement showing reconciliation to Balance sheet	As at 31.03.2017	As at 31.03.2016
Funded Status	(106.98)	(211.28)
	-	-
Unrecognized actuarial (gain)/loss at end of the period	-	-
Fund Asset	185.15	35.00
Fund Liability	292.13	246.28

(Rs. in Crores)

Statement showing Plan Assumptions:	As at 31.03.2017	As at 31.03.2016
Discount Rate	7.25%	8.00%
Expected Return on Plan Asset	7.25%	NA
Rate of Compensation Increase (Salary Inflation)	9.00% for Executive staff 6.50% for Non-Executive Staff	6.25% p.a.
Average Expected Future Service (Remaining Working Life)	12	12
Average Duration of Liabilities	12	12
Mortality Table	IALM 2006-208 ULTIMATE	
Superannuation at Age	60	60
Early Retirement and Disablement	1.00% p.a.	1.00% p.a.
Voluntary Retirement	Ignored	Ignored



Expense Recognized in Statement of Profit/ Loss	As at 31.03.2017	As at 31.03.2016
Current Service Cost	26.86	23.96
Net Interest Cost	-	-
Net Actuarial Gain / Loss	40.36	13.38
Benefit Cost (Expense recognized in Statement of Profit/ Loss)	80.82	54.40
	-	-
Sensitivity Analysis	Increase	Decrease
Discount Rate (- / + 0.5%)	281.34	303.73
% Change Compared to base due to sensitivity	-3.69%	3.97%
Salary Growth (- / + 0.5%)	303.55	281.41
% Change Compared to base due to sensitivity	3.91%	-3.67%
Altrition Rate (- / + 0.5%)	292.38	291.88
% Change Compared to base due to sensitivity	0.09%	-0.09%
Mortality Rate (- / + 10%)	293.71	290.55
% Change Compared to base due to sensitivity	0.54%	-0.54%
Mortality Table		
Age	Mortality (Per Annum)	
25	0.000984	
30	0.001056	
35	0.001282	
40	0.001803	
45	0.002874	
50	0.004946	
55	0.007888	
60	0.011534	
65	0.0170085	
70	0.0258545	
Statement Showing Benefit Information Estimated Future payments		
Year	Indian Rupees (INR)	
1	303026791	
2	271120979	
3	287291080	
4	273738227	
5	291938888	
6 to 10	1462335950	
More than 10 years	2809165042	
Total Undiscounted Payments Past and Future Service	-	
Total Undiscounted Payments related to Past Service	5698616957	
Less Discount For Interest	2777318234	
Projected Benefit Obligation	2921298723	





(Rs. in Crores)

Statement showing expected return on Plan Asset at end Measurement	As at 31.03.2017	As at 31.03.2016
Current liability	29.26	25.50
-	-	-
Non-Current Liability	262.87	220.78
-	-	-
Net Liability	292.13	246.28

5. Unrecognized items:

a) Contingent Liabilities

Claims against the Company not acknowledged as debts (including interest, wherever applicable)

(Rs. in Crores)

Particulars	As on 31.03.2017	As on 31.03.2016
Central Government-		
Income Tax	810.43	3,216.96
Excise and Service Tax, Interest and Penalty	855.64	634.37
Railways (Demurrage)	10.48	-
State Government and Local Authority-		
Sales Tax & Entry Tax	1,692.01	1,322.06
Local Body Tax	166.27	165.77
Land Revenue	117.05	117.05
District mineral Fund (D. M.F.)	-	284.73
CPSEs-	-	-
Others-		
Contractual Works	56.09	62.75
Claim of UPCCCL (UPSEB)	2.07	2.07
Claim of UPRVUNL for Incentives	24.05	24.05
Other Misc.	12.13	5.83
Total	3,746.22	5,835.64

b) Commitments

Estimated amount of contracts remaining to be executed on capital account and not provided for: Rs. 340.13 Crore. Others: Rs. 5,021.20 Crore.

c) Letter of Credit :

As on 31.03.2017 outstanding letters of credit is Rs. 47.43 Crores and bank guarantee issued is 1.81 Crore (1.69 Crore).

d) GENERAL

- (i) The Company has executed collateral security by creating hypothecation charge over its present and future current assets comprising of Book Debts, Stock of Raw Materials, Semi Finished and Finished Goods, Stores & Spares not relating to Plant & Machinery (Consumable Store & Spares) for a sum of Rs. 165.00 Crores (Previous year Rs. 165.00 Crores) for working capital facility drawn and to be drawn by Coal India Ltd., from the State Bank of India Consortium Banks.
- (ii) A sum of Rs. 24.80 crores (as on 31.03.2016 Rs. 14.74 crores) are kept in the Company's custody as Securities by way of deposits in the form of Fixed Deposit Receipt and National Savings Certificate received from the suppliers, contractors etc.

Further, Bank Guarantees worth Rs. 872.22 crores (as on 31.03.2016 Rs. 625.07 crores) have also taken from suppliers & contractors on account of execution of works/ supply etc. which have not been accounted for.

6. Other Information

a) Government Assistance

₹6.87 Crores received as CCDA Grant from Ministry of Coal, Government of India in terms of Coal Mines (Conservation & Development) Act, 1974 towards reimbursement of expenditure for Development of Transportation Infrastructure in Coalfield Areas.





NORTHERN COALFIELDS LIMITED

b) Provisions

The position and movement of various provisions except those relating to employee benefits which are valued actuarially, as on 31.03.2017 are given below:

(Rs. in Crore)

Provisions	Opening Balance as on 1.4.2016	Addition during the year	Write during the year	Unwinding of discounts	Closing Balance as on 31.03.2017
Note 3:-Property, Plant and Equipment:					
Impairment of Assets:	6.71	23.57			30.28
Note 4:- Capital Work in Progress:					
Against CWIP:		0.17			0.17
Note 5:- Exploration And Evaluation					
Provision and Impairment:		13.28			13.28
Note 8:- Loans:					
Other Loans:		-			
Note 9:- Other Financial Assets:					
Current Account with Subsidiaries:					
Claim receivables:	8.74	-	0.48		8.26
Other Receivables:		-			
Note 10:- Other Non-Current Assets:					
Capital Advances	0.24	0.48			0.72
Other Deposits	0.52	-			0.52
Note 11:- Other Current Assets:					
Advances for Revenue	0.76	-			0.76
Advance- Others	2.09	-	0.01		2.08
Deposits- Others	0.09	-			0.09
C EN VAT CREDIT receivable	0.97	-	0.01		0.96
VAT CREDIT ENTITLEMENT	46.61	6.39			53.00
Note 12:-Inventories:					
Stock of Coal:		-			
Stock of Stores & Spares:	46.62	10.66	0.20		57.08
Note 13:-Trade Receivables:					
Provision for bad & doubtful debts:	65.17	79.15	62.41		81.91
Note 21 :- Non-Current & Current					
Mine Closure	841.08	-		52.09	893.17
Stripping Activity Adjustment	5093.81	(57.37)			5,036.44
Ex- Gratia	69.61	79.90	75.93		73.58
Performance related pay:	199.37	19.76	110.12		109.01
NCWA-X:		99.86			99.86
Executive Pay Revision		9.42			9.42
Excise Duty on Closing Stock of Coal	47.55	1 1.89			59.44
Others:	0.12	-			0.12

c) Segment Reporting

In accordance with the provisions of Ind AS 108 'operating segment', the operating segment used for presenting segment information are identified based on internal reports used by BOD to allocate resources to the segments and assess their performance. The BOD is the group of Chief operating decision maker within the meaning of Ind AS 108.

The Board of direction consider a business from a prospect of significant product offerings and have decided that presently there is one single reportable segment being sale of coal. Information of financial performance and net asset is presented in the consolidated information of p/L and balance sheet.



Revenue by destination is as follows:

(Rs. in Crore)

	India	Other countries
Revenue (Gross)	17,944.12	-

Revenue by customer is as follows:

Customer name	Amount (in Crores)	Country
Name of each parties having more than 10% of Revenue (Gross)		
- NTPC	8347.44	India
- UPSEB	3081.52	
Others	6,515.16	
Total Revenue (Gross)	17,944.12	

Net current asset by location are as follows

	India	Other countries
Net Current Asset	8,122.53	

d) Earnings per share

Sl. No.	Particulars	For the year ended 31.03.2017	For the year ended 31.03.2016
i)	Net profit after tax attributable to Equity Share Holders	2,084.06	2,748.02
ii)	Weighted Average no. of Equity Shares Outstanding	1,750,820.86	1,776,728.00
iii)	Basic and Diluted Earnings per Share in Rupees (Face value Rs. 10/- per share)	11,903.33	15,466.75
iv)	Other Comprehensive Income (net of tax)	(19.25)	(4.94)
v)	Earning per Share (OCI) (in Rupees)	(109.96)	(27.79)

*to be given separately for PAT and OCI (Schedule III)

e) Related Party Disclosures

Key Managerial Personnel

Mr. T. K. Nag, Chairman-Cum-Managing Director

Ms. Shantilata Sahu, Director (Personnel)

Mr. G. Pandey, Director (Tech/Oprns)

Mr. P. S. R. K. Sastry, Director (Finance)

Mr. J. L. Singh, Director (T/P&P)

Mr. P. Lazar, Company Secretary

Part-time Official Directors

Mr. R. K. Sinha Mr. S. N. Prasad

Independent Directors

Mr. A. K. Agrawal Mr. S.K. Maheshwari Dr. S.M. Jharwal

Permanent Invitees

Mr. S.K. Jha

Mr. K. K. Sharma



NORTHERN COALFIELDS LIMITED

Remuneration of Key Managerial Personnel

(Rs. in Crore)

Sl. No.	Payment to CMD, Whole Time Directors and Company Secretary	For the year ended 31.03.2017	For the year ended 31.03.2016
i)	Short Term Employee Benefits		
	Gross Salary	1.54	1.10
	Perquisites	0.14	0.15
	Medical Benefits	-	0.01
ii)	Post-Employment Benefits		
	Contribution to P.F. & other fund	0.18	0.13
iii)	Termination Benefits (Paid at the time of separation)		
	Leave Encashment		
	Gratuity		
	TOTAL	1.86	1.39

Note:

- (i) Provision on the basis of actuarial valuation of defined benefits have not been considered in the above Director's remuneration.

(Rs. in Crore)

Sl. No.	Payment to Independent Directors	For the year ended 31.03.2017	For the year ended 31.03.2016
i)	Sitting Fees	0.12	0.06

Balances Outstanding as on 31.03.2017

Sl. No.	Particulars	As on 31.03.2017	As on 31.03.2016
i)	Amount Payable	Nil	Nil
ii)	Amount Receivable	Nil	Nil

ii. Related Party Transactions within Group

The Company being a Government related entity is exempt from the general disclosure requirements in relation to related party transactions and outstanding balances with the controlling Government and another entity under same Government. Northern Coalfields Limited has entered into transactions with its fellow subsidiaries and Holding Company (CIL) which include Apex charges, Rehabilitation charges, CMPDIL Expenses, R&D Expenses, Lease rent, Interest on Surplus Fund, IICM charges and other expenditure incurred by or on behalf of other subsidiaries and CIL through current account.

As per Ind AS 24, following are the disclosures regarding nature and amount of significant transactions.

(Rs. in Crore)

Name of the Company	Nature of relationship	Amount of transactions during the year	
		Owing to	Owing from
Coal India Limited	Holding Company	344.66	(396.55)
Eastern Coalfields Limited	Fellow Subsidiary	1.00	(0.77)
Bharat Coking Coal Limited	Fellow Subsidiary	0.26	0.22
Central Coalfields Limited	Fellow Subsidiary	0.20	(0.18)
Western Coalfields Limited	Fellow Subsidiary	0.35	0.21
South Eastern Coalfields	Fellow Subsidiary	4.75	1.74
Mahanadi Coalfields Limited	Fellow Subsidiary	0.36	0.48
CMPDI Limited	Fellow Subsidiary	0.03	4.59



Name of the Company	Nature of relationship	Short term working capital loan	
		Owing to	Owing from
Coal India Limited	Holding Company	250.00	-

f) Taxation

An amount of Rs. 1,017.13 Crores (Rs. 1,359.92 Crore in Previous Year) is provided in the accounts during current year towards income tax.

The Company is having a deferred tax asset (net) on the basis of calculation as per Ind AS-12, issued by Institute of Chartered Accountants of India.

OR

Calculation of Deferred Tax

- Explanation of changes in applicable tax rates compared to previous accounting period

Relationship between tax expense (income) and accounting profit

Numerical Reconciliation of difference

(Rs. in Crore)

Sl. No.	Nature of Adjustments	Year ended 31.03.2017
1	Net Profit as per Statement of Profit and Loss (before tax)	3,091.00
2	Applicable Tax rate	34.61%
3	Income Tax on Accounting Income (1 * 2]	1,069.73
4	Tax Expense (Income)	1,017.13
5	Difference	(52.60)
1	Average effective tax rate 32.91%	
2	Applicable Tax rate	34.61%
3	Difference	-1.70%

Reconciliation of Tax expenses and the accounting Profit multiplied by India's Tax rate:

Sl.No	Particular		Amount in Crores
1	Profit from Business before Income tax Expenses		3,091.00
2	Income Tax at Indian tax rate @34.608%		1,069.73
	Tax effect of amounts which are not deductible (taxable) in calculating taxable income and also not having defferd		
3	income/expenses		
	Expenses incurred on CSR	77.33	26.76
	Stripping Activity Adjustment (Net)*	(57.37)	(19.85)
	Dividend income from mutual fund	(1.31)	(0.45)
	Investment Allowances allowed under section 32 AC	(46.69)	(16.16)
4	Previously unrecognised tax Income routed through equity/ retained earning now recouped to increase current tax rate		
5	Adjustment of current tax for prior period		(42.90)
	Income tax Expenses		1,017.13
	Income tax Expenses as per Note 36		1,017.13
	Difference is due to round off of provsion of tax		(0.00)

g) Insurance and escalation claims

Insurance and escalation claims are accounted for on the basis of admission/final settlement.

h) Provisions made in the Accounts

Provisions made in the accounts against slow moving/non-moving/obsolete stores, claims receivable, advances, doubtful debts etc. are considered adequate to cover possible losses.

i) Current Assets, Loans and Advances etc.

In the opinion of the Management, assets other than fixed assets and non-current investments have a value on realisation in the ordinary course of business at least equal to the amount at which they are stated.

j) Current Liabilities

Estimated liability has been provided where actual liability could not be measured.

k) Balance Confirmations

Balance confirmation/reconciliation is carried out for cash & bank balances, certain loans & advances, long term liabilities and current liabilities. Provision is taken against all doubtful unconfirmed balances.

l) Value of imports on CIF basis

(Rs. in Crore)

Particulars	For the year ended 31.03.2017	For the year ended 31.03.2016
(i) Raw Material	NIL	NIL
(ii) Capital Goods	182.16	22.10
(iii) Stores, Spares & Components	98.97	51.57

m) Expenditure incurred in Foreign Currency

(Rs. in Crore)

Particulars	For the year ended 31.03.2017	For the year ended 31.03.2016
Travelling Expenses	0.07	0.13
Training Expenses	0.01	-

n) Earning in Foreign Exchange:

Particulars	For the year ended 31.03.2017	For the year ended 31.03.2016
Travelling Expenses	NIL	NIL
Training Expenses	NIL	NIL
Consultancy Charges	NIL	NIL

o) Total Consumption of Stores and Spares

(Rs. in Crore)

Particulars	For the year ended 31.03.2017		For the year ended 31.03.2016	
	Amount	% of total consumption	Amount	% of total consumption
(i) Imported Materials	105.76	5.72%	58.36	3.34%
(ii) Indigenous	1743.42	94.32%	1,690.2	96.66%



p) **Statement of Opening Stock, Production, Purchases, Turnover and Closing Stock of Coal**

(₹ in Crore and Quantity in MT)

	For the year ended 31.03.2017		For the year ended 31.03.2016	
	Qty.	Value	Qty.	Value
Opening Stock	6.59	553.93	4.90	379.54
Production	84.10	10,705.86	80.22	9,825.62
Sales	83.46	11,035.67	78.52	9,855.27
Own Consumption				
Write Off				
Closing Stock	7.19	552.81	6.59	553.93

q) **Significant accounting policy**

Significant accounting policy (Note-2) has been suitably modified / re-drafted over previous period, as found necessary to elucidate the accounting policies adopted by the Company in accordance with Indian Accounting Standards (Ind ASs) notified by Ministry of Corporate Affairs (MCA) under the Companies (Indian Accounting Standards) Rules, 2015.

The impact of change in accounting policy and other changes to comply with Ind AS in Net Profit is stated below:

Reconciliation of Profit between Ind AS and previous Indian GAAP

(Rs. in Crore)

Sl. No.	Nature of Adjustments	Year ended 31.03.2016
	Net Profit as per previous Indian GAAP (after tax)	2,722.50
1.	Remeasurement of Mine Closure Provision as per AS 16 (Net of tax)	33.29
2.	Actuarial loss/gain on remeasurement of employee defined benefit plan as per Ind 19 recognised in "Other Comprehensive Income" (Net of tax)	4.94
3.	Transfer of Prior period adjustments from P&L to retained earnings as per Ind AS 8 (Net of tax)	(7.77)
	Net Profit as per Ind AS (after tax) attributable to equity shareholders	2,752.95
	Other Comprehensive Income (after tax)	(4.94)
	Total Comprehensive Income as per Ind AS (after tax) attributable to equity shareholders	2,748.02

r) **Relationship between tax expense (Income) and accounting profit**

Numerical Reconciliation of difference

(Rs. in Crore)

Sl. No.	Nature of Adjustments	Year ended 31.03.2017
1.	Net Profit as per Statement of Profit and Loss (before tax)	3,091.00
2.	Applicable Tax rate	34.61%
3.	Income tax on Accounting Income (1*2)	1,069.73
4.	Tax Expense (Income)	1,017.13
5.	Difference	(52.60)
1.	Average effective tax rate	32.91%
2.	Applicable Tax rate	34.61%
5.	Difference	-1.70%



NORTHERN COALFIELDS LIMITED

7. First time adoption of Ind AS

These financial statements, for the year ended 31 March 2017, are the first the Company has prepared in accordance with Ind AS. For periods up to and including the year ended 31 March 2016, the Company prepared its financial statements in accordance with accounting standards notified under section 133 of the Companies Act 2013, read together with paragraph 7 of the Companies (Accounts) Rules, 2014 (Indian GAAP). Accordingly, the Company has prepared financial statements which comply with Ind AS applicable for periods ending on 31 March 2017, together with the comparative period data as at and for the year ended 31 March 2016, as described in the summary of significant accounting policies. In preparing these financial statements, the Company's opening balance sheet was prepared as at 1 April 2015, the Company's date of transition to Ind AS. This note explains the principal adjustments made by the Company in restating its Indian GAAP financial statements, including the balance sheet as at 1 April 2015 and the financial statements as at and for the year ended 31 March 2016.

Exemptions applied Ind AS 101 allows first-time adopters certain exemptions from the retrospective application of certain requirements under Ind AS. The Company has applied the following exemptions:

(i) Fair value measurement of financial assets or financial liabilities (Ind AS 101.D20)

First-time adopters may apply Ind AS 109 to day one gain or loss provisions prospectively to transactions occurring on or after the date of transition to Ind AS. Therefore, unless a first-time adopter elects to apply Ind AS 109 retrospectively to day one gain or loss transactions, transactions that occurred prior to the date of transition to Ind AS do not need to be retrospectively restated.

As a first time adopter of Ind AS, the Company has opted to apply Ind AS 109 prospectively.

(ii) Mine Closure, Site Restoration and Decommissioning Obligation in Property, Plant and Equipment (Ind AS 101.D21)

Appendix 'A' to Ind AS 16 Changes in Existing Decommissioning, Restoration and Similar Liabilities requires specified changes in a decommissioning, restoration or similar liability to be added to or deducted from the cost of the asset to which it relates; the adjusted depreciable amount of the asset is then depreciated prospectively over its remaining useful life. A first-time adopter need not comply with these requirements for changes in such liabilities that occurred before the date of transition to Ind AS. In other words, a first-time adopter will not need to estimate what provision would have been calculated at earlier reporting dates. Instead, the decommissioning liability is calculated at the date of transition and it is assumed that the same liability (adjusted only for the time value of money) existed when the asset was first acquired/constructed.

As a first time adopter of Ind AS, the Company has calculated the Mine Closure, Site Restoration and Decommissioning Obligation at the date of transition assuming that the same liability (present value) existed when the asset was first acquired/constructed.

(iii) Resettlement & Rehabilitation Policy of CIL

With changing aspirations of Project Affected Persons (PAPs) and for faster acquisition of land, Resettlement & Rehabilitation Policy of CIL was revised in 2012 making it liberal and PAP friendly with more flexibility to the Board of Subsidiary Companies. The Policy provides for conducting baseline socioeconomic survey to identify PAPs enlisted to receive R&R benefits as well as to formulate Rehabilitation Action Plan (RAP) in consultation with PAPs and State Govt. The R&R Policy of Coal India Ltd., provides for payment of land compensation and solatium, employment or lump sum monetary compensation and annuity, compensation for home-stead, lump sum payment in lieu of alternate house site, subsistence allowance to each affected displaced family etc.

Environmental Impact Assessment (EIA)/Environmental Management Plan (EMP)

EIA/EMPs for all the new and expansion projects as per EIA Notification SO 1533 dated 14th September, 2006 of MoEF are prepared for peak and normative capacities and environmental clearance is obtained. During the year 2016-17, CMPDI has prepared a total of NIL and formulated NIL Draft EIA/EMPs.





ANNUAL REPORT 2016-17

Environmental clearance from MoEF for Krishnashila OCP (5 to 6.25) Mtpa was obtained by NCL during the year 2016-17.

Reconciliation of equity as at 1st April, 2015 (date of transition to Ind AS)

(Rs. in crore)

	Foot Note	Indian GAAP	Adjustment	Ind AS
ASSETS				
Non-Current Assets				
(a) Property, Plant & Equipments	3	2,519.71	345.90	2,865.61
(b) Capital Work in Progress	4	611.09	-	611.09
(c) Exploration and Evaluation Assets	5	113.09	-	113.09
(d) Investment Property		-	-	-
(e) Intangible Assets	6	-	-	-
(f) Intangible Assets under		-	-	-
(g) Financial Assets				
(i) Investments	7	-	-	-
(ii) Loans	8	12.42	-	12.42
(iii) Other Financial Assets	9	455.66	-	455.66
(h) Deferred Tax Assets (net)		413.47	-	413.47
(i) Other non-current assets	10	99.82	-	99.82
Total Non-Current Assets (A)		4,225.26	345.90	4,571.16
Current Assets				
(a) Inventories	12	835.92	-	835.92
(b) Financial Assets		-		
(i) Investments	7	61.62	-	61.62
(ii) Trade Receivables	13	621.14	(1.53)	619.61
(iii) Cash & Cash equivalents	14	110.21	-	110.21
(iv) Other Bank Balances	15	6,705.45	-	6,705.45
(v) Loans	8	2.95	-	2.95
(vi) Other Financial Assets	9	999.93	-	999.93
(c) Current Tax Assets (Net)	-			
(d) Other Current Assets	11	1,671.08	61.30	1,732.38
Total Current Assets (B)		11,005.30	59.77	11,068.07
Total Assets (A + B)		15,233.56	405.67	15,639.23
EQUITY AND LIABILITIES				
Equity				
(a) Equity Share Capital	16	177.67	-	177.67
(b) Other Equity	17	5,699.69	33.99	5,733.68
Equity attributable to equity holders of the company		5,877.36	33.99	5,911.35
Non-Controlling Interests	-	-	-	-
Total Equity (A)		5,877.36	33.99	5,911.35





NORTHERN COALFIELDS LIMITED

(Rs. in crore)

	Foot Note	Indian GAAP	Adjustment	Ind AS
Liabilities				
Non-Current Liabilities				
(a) Financial Liabilities				
(i) Borrowings	18	-	-	-
(ii) Trade Payables		-	-	-
(iii) Other Financial Liabilities	20	145.63	-	145.63
(b) Provisions	21	6,220.96	308.06	6,529.02
(c) Other Non-Current Liabilities	22	-	-	-
Total Non-Current Liabilities (B)		6,366.59	308.06	6,674.65
Current Liabilities				
(a) Financial Liabilities				
(i) Borrowings	18			
(ii) Trade payables	19	444.60	(9.45)	435.15
(iii) Other Financial Liabilities	20	118.91	-	118.91
(b) Other Current Liabilities	23	1,982.24	(0.02)	1,982.22
(c) Provisions	21	432.62	61.30	493.92
(d) Current Tax Liabilities (net)		11.24	11.79	23.03
Total Current Liabilities (C)		2,989.61	63.62	3,053.23
Total Equity and Liabilities		15,233.56	405.67	15,639.23

Reconciliation of equity as at 31st March, 2016 (date of transition to Ind AS)

	Foot Note	Indian GAAP	Adjustment	Ind AS
ASSETS				
Non-Current Assets				
(a) Property, Plant & Equipments	3	2,725.07	284.11	3,009.18
(b) Capital Work in Progress	4	700.87	-	700.87
(c) Exploration and Evaluation Assets	5	140.27	-	140.27
(d) Investment Property	-	-	-	-
(e) Intangible Assets	6	-	-	-
(f) Intangible Assets under Development		-	-	-
(g) Financial Assets				
(i) Investments	7	-	-	-
(ii) Loans	8	9.96	-	9.96
(iii) Other Financial Assets	9	630.00	-	630.00
(h) Deferred Tax Assets (net)		16.35	-	16.35
(i) Other non-current assets	10	126.73	-	126.73
Total Non-Current Assets (A)		4,349.25	284.11	4,633.36
Current Assets				
(a) Inventories	12	976.04	-	976.04
(b) Financial Assets				
(i) Investments	7	-	-	-





ANNUAL REPORT 2016-17

(Rs. in crore)

	Foot Note	Indian GAAP	Adjustment	Ind AS
(ii) Trade Receivables	13	898.26	-	898.26
(iii) Cash & Cash equivalents	14	351.80	-	351.80
(iv) Other Bank Balances	15	4,458.16	-	4,458.16
(v) Loans	8	2.92	-	2.92
(vi) Other Financial Assets	9	878.80	-	878.80
(c) Current Tax Assets (Net)				
(d) Other Current Assets	11	1,651.87	41.21	1,693.08
Total Current Assets (B)		9,217.85	41.21	9,259.06
Total Assets (A + B)		13,567.10	325.32	13,892.42
EQUITY AND LIABILITIES				
Equity				
(a) Equity Share Capital	16	177.67	-	177.67
(b) Other Equity	17	4,017.19	59.51	4,076.70
Equity attributable to equity holders of the company		4,194.86	59.51	4,254.37
Non-Controlling Interests				
Total Equity (A)		4,194.86	59.51	4,254.37
Liabilities				
Non-Current Liabilities				
(a) Financial Liabilities				
(i) Borrowings	18	-	-	-
(ii) Trade Payables	-	-	-	-
(iii) Other Financial Liabilities	20	137.17	-	137.17
(b) Provisions	21	6,080.64	198.51	6,279.15
(c) Other Non-Current Liabilities	22	-	-	-
Total Non-Current Liabilities (B)		6,217.81	198.51	6,416.32
Current Liabilities				
(a) Financial Liabilities				
(i) Borrowings	18	-	-	-
(ii) Trade payables	19	451.83	-	451.83
(iii) Other Financial Liabilities	20	95.09	-	95.09
(b) Other Current Liabilities	23	2,116.01	-	2,116.01
(c) Provisions	21	456.24	41.21	497.45
(d) Current Tax Liabilities (net)		35.26	26.09	61.35
Total Current Liabilities (C)		3,154.43	67.30	3,221.73
Total Equity and Liabilities	(A + B + C)	13,567.10	325.32	13,892.42



Reconciliation of profit or Loss for the year ended 31.03.2016

(Rs. in crore)

	Foot Note	Indian GAAP	Adjustment	Ind AS
Revenue from Operations				-
Sales (Net]		9,841.59	-	9,841.59
Other Operating Revenue (Net)		241.76	-	241.76
Revenue from Operations (A + B)	24	10,083.35	-	10,083.35
Other Income	25	907.97	(0.73)	907.24
Total Income (I + II)		10,991.32	(0.73)	10,990.59
EXPENSES				
Cost of Materials Consumed	26	1,748.56	-	1,748.56
Changes in inventories of finished goods/work in progress and Stock in trade	27	(174.39)	-	(174.39)
Employee Benefits Expense	28	1,832.76	(8.27)	1,824.49
Power Expense		281.33	-	281.33
Corporate Social Responsibility Expense	29	153.97	-	153.97
Repairs	30	225.61	-	225.61
Contractual Expense	31	2,121.25	-	2,121.25
Finance Costs	32	0.44	60.60	61.04
Depreciation/Amortization/ Impairment expense		370.79	68.65	439.44
Provisions	33	233.05	(176.84)	56.21
Write off	34	30.27		30.27
Stripping Activity Adjustment		(311.33)	-	(311.33)
Other Expenses	35	413.50	7.76	421.26
Total Expenses (IV)		6,925.81	(48.10)	6,877.71
Profit before Tax (V-VI)		4,065.51	47.37	4,112.88
Tax expense	36	1,343.01	16.91	1,359.92
Profit for the Period (IX + XII + XIII)		2,722.50	30.46	2,752.96
Other Comprehensive Income			-	
A (i) Items that will not be reclassified to profit or loss			(7.55)	(7.55)
(ii) Income tax relating to items that will not be reclassified to profit or loss			2.61	2.61
B (i) Items that will be reclassified to profit or loss		-	-	-
(ii) Income tax relating to items that will be reclassified to profit or loss		-	-	-
Total Other Comprehensive Income	37		(4.94)	(4.94)
Total Comprehensive Income for the period (XIV + XV) (Comprising Profit (Loss) and Other Comprehensive Income for the period)		2,722.50	25.52	2,748.02





ANNUAL REPORT 2016-17

s) Others

- a) Accrued Interest on Mine Closure Deposit has been credited to Retained Earnings (upto 31.03.2016) in the current year, which was previously credited to Mine Closure Provision. The Impact thereof (net of tax) upto 01.04.2015 and F. Y. 2015-16 is as under-

Year	Impact on Retained Earnings	Amt. in Crores
01.04.2015	Interest received from Mines Escrow Account (net of tax)	22.27
2015-16	Interest received from Mines Escrow Account (net of tax)	27.01
	Total Impact (A) + (B)	49.28

- b) There has been a change in the Valuation/ Calculation of Stripping Activity Adjustment. The Apex Charges of CIL and Headquarter Overhead have been removed from the valuation, impact thereof is decrease in Profit for the current year by Rs. 34.89 Crores.
- c) Previous period's figures have been restated as per Ind AS and regrouped and rearranged wherever considered necessary.
- d) Previous period's figures in Note No. 1 to 38 are in brackets.
- e) Note 3 to 23 form part of the Balance Sheet as at 31st March, 2017 and 24 to 37 form part of Statement of Profit & Loss for the year ended on that date. Note - 02 represents Significant Accounting Policies and Note - 38 represents Additional Notes to the Financial Statements.

As per our report annexed

For P. L. Tandon & Co.
Chartered Accountants

Firm Regn. No. 00013iC

Sd/-
(CA P. P. Singh)
Partner
M. No. 072754

Date : 24.05.2017
Place : Varanasi

On Behalf of the Board

Sd/-
(T. K. Nag)
Chairman-cum-managing
Director
DIN-02219348

Sd/-
(C. Basu)
General Manager (Finance)

Sd/-
[P.S.R.K. Sasfry]
Director (Finance)
& C.F.O.
DIN-07163164

Sd/-
(P. Lazar)
Company Secretary



INDEPENDENT AUDITORS' REPORT

(ADDENDUM TO DIRECTORS' REPORT (UNDER SECTION
134(3) OF THE COMPANIES ACT-2013)

TO THE MEMBERS OF NORTHERN COAL FIELDS LIMITED

The Independent Auditors' Report including *Annexure A*, *Annexure B*, *Annexure C* and *Annexure D* is coupled with "Independent Auditors' Report and Management Reply" and is enclosed as *Annexure XI* to Director's Report.





COMMENTS OF THE COMPTROLLER AND AUDITOR GENERAL OF INDIA UNDER SECTION 143(6) (b) OF THE COMPANIES ACT, 2013 ON THE FINANCIAL STATEMENTS OF NORTHERN COALFIELDS LIMITED FOR THE YEAR ENDED 31 MARCH 2017.

The preparation of financial statements of Northern Coalfields Limited for the year ended 31 March 2017 in accordance with the financial reporting framework prescribed under the Companies Act, 2013 (Act) is the responsibility of the management of the Company. The statutory auditors appointed by the Comptroller and Auditor General of India under section 139(5) of the Act are responsible for expressing opinion on the financial statements under section 143 of the Act based on independent audit in accordance with the standards on auditing prescribed under section 143(10) of the Act. This is stated to have been done by them vide their Audit Report dated 26.05.2017.

I, on behalf of the Comptroller and Auditor General of India, have conducted a supplementary audit under section 143(6) (a) of the Act of the financial statements of Northern Coalfields Limited for the year ended 31 March 2017. This supplementary audit has been carried out independently without access to the working papers of the statutory auditors and is limited primarily to inquiries of the statutory auditors and company personnel and a selective examination of some of the accounting records. On the basis of my audit nothing significant has come to my knowledge which would give rise to any comments upon or supplement to statutory auditors' report.

**For and on behalf of the
Comptroller & Auditor General of India**

Sd/-

(Reena Saha)

**PRINCIPAL DIRECTOR OF COMMERCIAL AUDIT
& EX-OFFICIO MEMBER, AUDIT BOARD-II
KOLKATA**

**Kolkata
Dated 14.06.2017**



(Annexure to Financial Statements)

DIRECTORS' REPORT 2016-17







NORTHERN COALFIELDS LIMITED

Directors' Report

To

The Members,

Northern Coalfields Limited

Gentlemen,

On behalf of the Board of Directors, I have great pleasure in presenting the 32nd Directors Report of Northern Coalfields Limited (NCL) together with the Audited Accounts for the Financial Year ended 31st March, 2017 and Comments of Comptroller and Auditor General of India thereon.

With the formation of NCL in 1985, Singrauli Coalfield of CCL came under the command of NCL with its Headquarter at Singrauli. The Coalfield has been geologically divided into two parts namely (i) Main Basin with an area of 1890 sq. km. and (ii) Moher Sub-basin with an area of 312 sq. km. All the coal mining operations of NCL are at present concentrated in Moher Sub-basin through 10 number opencast mines. Except for Moher & Moher-Amlohri Extension Coal Blocks allocated to Susan Power Ltd, all the coal blocks in Moher Sub-basin and 11 number coal blocks in Main Basin are retained with NCL as CIL Blocks. Coal production from NCL increased from 13.60 Mt in 1986-87 to 84.096 Mt in 2016-17 and it is planned to achieve 110 Mt in 2019-20. About 90% of coal is dispatched to Power Sector. NCL is a Mini Ratna (Category-I) company since 2007 and is a wholly owned subsidiary of Coal India Limited, under the Ministry of Coal, Government of India.

1.0 PERFORMANCE HIGHLIGHTS OF THE YEAR

1.1 The highlights of performance for the year 2016-17 are as under:-

- NCL has achieved coal production of 84.096 Million Tonnes during the year 2016-17 which is 4.83 percent higher than actual production of 80.22 Million Tonnes during the year 2015-16. The measured Over Burden Removal of 324.135 million Cubic Meter (Book figure 326.639 million Cubic Meter) during the year was 4.13 percent lower than OB Removal of 338.090 of the year 2015-16.
- Offtake at 83.491 million tonnes during the year 2016-17 registered a growth of 6.32 percent over the Offtake of 78.53 million tonnes during the year 2015-16.
- Record gross turnover of Rs.17,676.81 crores during the year 2016-17 which is 20.38 percent higher than last year's turnover of Rs 14,683.99 crores.
- NCL recorded Profit before Tax (PBT) of Rs. 3091.00 crores during the year 2016-17, and has registered a decrease of 24.71 percent over previous year's PBT of Rs. 4105.33 crores (Restated)/reported PBT Rs.4065.51 crores. Profit after Tax (PAT) was Rs.2084.06 crores compared to previous year's PAT of Rs. 2748.02 crores (Restated)/reported PAT of Rs.2722.50 crores.
- The interim dividend already paid amounting to Rs. 1680.00 crores, will be treated as final dividend on the equity share capital for the year 2016-17. The dividend paid amounting to Rs1,680.00 crores (previous year Rs. 3,659.92 crores) work out to 945.56 of the paid-up equity share capital (previous year 2059.95) i.e. Rs. 9455.58 per share against Rs 20,599.21 in previous year. The dividend distribution tax paid amounting to Rs.342.00 Crores (previous year Rs745.08 Crores).
- Earnings per Share (EPS) during the year 2016-17 has decreased to Rs. 11903.33 against EPS of Rs. 15466.75 previous year.
- Efforts for greening the environment and pollution control continued during the year. During 2016-17, 3.65 lakh saplings have been planted on the OB dumps areas. The total saplings planted up to 31st March, 2017 reached 148.66 lakhs plant saplings on OB dumps top & slopes area of 2474.52 hectare.
- NCL continued to practice Worker's participation in Management as a result industrial relations remained healthy and harmonious.
- Employees' welfare, community development and human resource development continued to be focus areas.





1.2 FINANCIAL REVIEW

The Company has achieved a Gross Turnover of Rs. 17,676.81 Crores (Net turnover Rs. 10,251.88 crores) during the year 2016-17 against Gross Turnover of Rs. 14,683.99 Crores (Net turnover Rs. 9,855.27 crores) during the year 2015-16 recording a growth of 20.38% (in Gross Turnover) and 4.02% (in Net Turnover). The financial results for the year 2016-17, as compared to previous year, are given in the following table: -

(Rs. in Crores)

Description	2016-17	2015-16 (Restated)
Gross Margin	3643.45	4605.81
Less: Depreciation	499.98	439.44
Gross Profit	3143.47	4166.37
Less: Interest & other financial charges	52.47	61.04
Profit before Tax	3091.00	4105.33
Less: Provision for Tax	1006.94	1357.31
Profit after Tax	2084.06	2748.02
Less: Transfer to CSR Reserve	-	-
Transfer to Sustainable Development Reserve	-	-
Transfer to General Reserve	104.20	136.13
Dividend on Equity Share Capital	1680.00	3659.92
Provision for Tax on Distributable Profit	619.56	745.08
Surplus carried to Balance Sheet	(319.70)	(1793.11)

1.3 SHARE CAPITAL

The Authorized Share Capital of the Company as on 31st March, 2017 remained at Rs. 1,400.00 crores comprising of 40,00,000, 10% cumulative preference shares of Rs. 1000/- each and 1,00,00,000 equity shares of Rs. 1000/- each. The paid-up share capital as on 31st March, 2017, is Rs. 136.56 crores comprising of 13,65,593 Equity shares of Rs. 1000/- each fully paid-up, which was Rs. 177.67 crores comprising of 17,76,728 Equity shares of Rs. 1000/- each fully paid-up as on 31st March, 2016.

During the period, Company has bought back its 4,11,135 number of Equity shares at the rate of Rs. 30,260.70 per share (face value of Rs. 1000 each fully paid up) through tender offer (as approved by NCL Board in 213th meeting on 09.03.2017). Post such buy-back, the number of fully paid equity shares as on 31.03.2017 stands at 13,65,593.

1.4 TRANSFER TO RESERVE

An amount of Rs. 104.20 crores, equivalent to 5% of Profit after Tax has been transferred to General Reserve.

1.5 DIVIDEND & BUYBACK

The interim dividend already paid amounting to Rs. 1,680.00 crores, will be treated as final dividend on the equity share capital for the year 2016-17. The dividend paid amounting to Rs. 1,680.00 crores (previous year Rs. 3,659.92 crores) works out to 945.56% of the paid-up equity share capital (previous year 2059.92%) i.e. Rs. 9,455.58 per share against Rs. 20,599.21 in previous year. The dividend distribution tax was paid amounting to Rs. 342.00 Crores (previous year Rs. 745.08 Crores).

During the period, Company has bought back its 4,11,135 number of Equity shares at the rate of Rs. 30,260.70 per share (face value of Rs. 1000 each fully paid up) through tender offer (as approved by NCL Board in 213th meeting on 09.03.2017), for which total consideration comes to Rs. 1244.12 crores, on which Tax on Distributed Income (Buy Back) was paid amounting to Rs. 277.56 crores.



1.6 BORROWINGS

The Company has received Rs. 250.00 crores as Short term working capital loan from the Holding Company, Coal India Limited.

Further, No Loan was taken from any Government or financial institution during the year.

1.7 CAPITAL EXPENDITURE

During the year 2016-17, NCL has made a capital expenditure of Rs.1,023.30 crores against the budget of Rs.896.00 crores (Capital B.E. Rs. 800.00 crores, which was revised to Rs. 896.00 crores). The expenditure has been mainly on acquisition/ addition of HEMM, other plant & machinery and on buildings etc.

1.8 PAYMENT TO CENTRAL/STATE EXCHEQUER

(A) Information in regard to contribution made by the Company towards the Central and State Exchequer is furnished hereunder:

(Rs. in crores)

Particular	2016-17			2015-16		
	MP	UP	Total	MP	UP	Total
Royally	1,081.14	309.45	1,390.59	1,005.03	236.86	1,241.89
MMDR Royally Fund (Central)	21.06	9.14	30.20	11.44	-	11.44
MMDR Royally Fund (State)	661.36	-	661.36	4.98	-	4.98
Central & State Sales Tax	309.61	240.89	550.50	199.79	224.13	423.92
Sales Tax on words and scraps	4.90	2.73	7.63	4.68	9.44	14.12
Entry Tax	34.97	10.05	45.02	7.38	44.03	51.41
Forest Cess	28.62	110.90	139.52	11.05	360.85	371.90
Professional Tax	2.31	-	2.31	2.54	-	2.54
MPGATVA	328.18	-	328.18	288.06	-	288.06
Clean Energy Cess	1,804.62	1,221.86	3,026.48	926.69	651.52	1,578.21
Excise Duty	32.96	92.52	125.48	105.07	120.81	225.88
Service Tax	182.98	60.12	243.10	20.90	8.20	29.10
Stowing Excise Duty	62.95	19.69	82.64	58.34	19.97	78.31
SSDA Cess	-	12.63	12.63	-	10.35	10.35
Property Tax	-	-	-	2.07	-	2.07
Income Tax (TDS)	185.23	69.76	254.99	142.26	97.62	239.88
Corporate Tax	1,765.00	-	1,765.00	1,064.74	-	1,064.74
Dividend Tax (Including Tax on Distributed Income for Buy Back)	619.57	-	619.57	745.08	-	745.08
TOTAL	7,125.46	2,159.74	9,285.20	4,600.10	1,783.78	6,383.88

(B) The Company has paid an amount of Rs. 2019.99 crores towards corporate income tax (including TDS) and Rs. 342.00 crores towards dividend tax during 2016-17, as against Rs.1304.62 crores and Rs.745.08 crores respectively, paid during 2015-16.

(C) Earning per share (EPS) during the year 2016-17 has been decreased to Rs. 11,903.33 from Rs. 15,466.75 (Restated) of previous year.

2.0 Production Performance

2.1 Production Performance (after measurement of OBR by CMPDIL) for the year 2016-17 against target and in comparison with previous year is given below:





ANNUAL REPORT 2016-17

		2016-17			2015-16 Actual	% growth over Previous Year
		Target	Actual	% Achvt		
Coal (MT)	Dept.	82	84.096	103	80.224	4.83
Coal Offtake (MT)		82	83.491	102	78.532	6.31
OBR (M Cum)	Dept.	85	72.380	85	79.356	-8.79
	Out-Sourcing	250	251.755	101	258.734	-2.70
	Total	335	324.135	97	338.090	-4.13
Composite production (M Cum) (excluding Rehandling)	Total	388.043	378.496	98	389.98	(-)2.94

Note: MT=Million Tone, M Cum (Million Cubic Metre)

During the year 2016-17, 02 (Two) no. of Surface Miner, one at Jayant project and another at Krishnashila project have been commissioned on 18.05.2016 and 03.05.2016 respectively, in addition to the existing two Surface Miners at Jayant and Dudhichua commissioned during 2015-16.

2.2 Production Programme for the year 2017-18 (as per AAP target)

The company has finalized a program of coal production 89.00 Mill. Tes. and OB removal of 355 Million Cubic Meter for the year 2017-18. Out of this OB removal by departmental means has been planned for 85.00 Mill. CuM and 270.00 Mill CuM through outsourcing contracts Hiring of Equipments (HoE).

3.0 POPULATION AND PERFORMANCE OF HEAVY EARTH MOVING MACHINES (HEMM)

3.1 The population of on roll major HEMMs for the last five years is given below:-

Sl. No.	HEMM	2012-13 (As on 31.03.13)	2013-14 (As on 31.03.14)	2014-15 (As on 31.03.15)	2015-16 (As on 31.03.16)	2016-17 (As on 31.03.17)
1	Dragline	19	17	18	19	19
2	Shovel	94	85	88	84	93
3	Dumper	515	446	458	471	440
4	Dozer	138	130	163	162	162
5	Drill	122	136	132	129	119
6	Surface Miner	0	0	0	2**	4**
7	Total (1 to 6)	888	814	859	867	833
8	Decrease of shovels & D/L in numbers*	Shovel=0 & D/L = 0	Shovel=9 & D/L = 2	Shovel=6 & D/L = 1	Shovel=10 & D/L = 0	Shovel=1 & D/L = 0
	% decrease in digging units*	Shovel=0 & D/L = 0%	Shovel = 9.57% & D/L = 10.52%	Shovel = 6.38% & D/L = 5.26%	Shovel = 10.6% & D/L = 0%	Shovel = 1.06% & D/L = 0%
9	Decrease of Dumpers in numbers*	0	69	57	36	75
10	% decrease in Transportation units*	0%	13.4%	11.07%	7%	14.56%

* Taking base as on 31.03.2012

** Surface Miner was introduced for the first time in NCL on 2015-16





Dumper at Amlori



Dragline at Amlohri

3.2 SURVEYED OFF BUT RUNNING MAJOR HEMMs

Sl. No.	HEMM	2014-15 (As on 31.3.15)	2015-16 (As on 31.03.16)	2016-17 (As on 31.03.17)	Working Hours of Surveyed off machines during 2014-15	Working Hours of Surveyed off machines during 2015-16	Working Hours of Surveyed off machines during 2016-17
1	Dragline	3	3	3	9,109	15,796	12332
2	Shovel	17	13	18	34,684	36,897	38321
3	Dumper	84	58	74	1,57,244	1,65,282	1,87,525
4	Dozer	19	6	6	14,057	10,230	8981
5	Drill	21	10	9	5,085	7,436	5486
Total (1 to 5)		144	90	110	2,20,179	2,35,641	2,52,645

3.3 PERFORMANCE OF HEMM

Sl. No.	Equipment	% availability as per CMPDI Norms		(+) increase/ (-) decrease	% utilization as per CMPDI Norms		(+) increase/ (-) decrease
		2016-17	2015-16		2016-17	2015-16	
1	Dragline	76.13	77.9	-1.77	61.69	68.5	-6.81
2	Shovel	71.36	67.07	4.28	37.93	41.79	-3.86
3	Dumper	65.67	69.05	-3.38	37.42	37.04	0.38
4	Dozer	65.25	69.13	-3.88	21.35	22.1	-0.75
5	Drill	87.05	87.99	-0.95	17.1	16.87	0.23

- There is a positive growth of 4.28% in percentage achievement of availability of Shovels during the period April 2016 - March 2017 as compared to April 2015 - March 2016.
- Utilization of Draglines decreased due to non-availability of faces on account of heavy rain during monsoon. Also, poor quality of erection work in HMB-13 & HMB-14 Draglines of Amlohri by M/s HEC led to frequent breakdown of these Draglines.
- Availability of Dozers have suffered due to poor performance of D355 Dozers supplied during 2013-14 & 2014-15 where widespread problems of Engine, Transmission, Joystick, and insufficient cooling of Hydraulic system, Hydraulic oil leakage, Blade lifting and lowering problem, frequent failure of AC, Brake and Steering problem have been witnessed.
- Inconsistent availability has correspondingly impacted the utilization of Dozers and consequent mine development work.
- Dozers and Drills are utilized on need base. However, utilization needs to be improved as far as possible to help futuristic development of Mines.





3.4 OB RE-HANDLED BY DRAGLINES:

Project 2015-16	OB Rehandled during 2016-17 (in '000' Cum)	OB Rehandled during over 2015-16 (in '000' Cum)	% variation in 2016-17 (+) increase/(-) decrease
Amlohri	756.54	1541.16	103.71
Bina	1759.23	2115.0	20.22
Dudhichua	1991.54	1239.90	-37.74
Jayant	1479.23	1758.46	18.876
Khadia	1451.53	623.84	-57.02
Krishnashila	486.24	711.16	46.25
Nigahi	1842.46	1719.08	-6.69
NCL	9766.78	9708.59	-0.59

3.5 COMMISSIONING OF 02 NOS. OF MODEL KSM 403 SURFACE MINERS HAVING DRUM WIDTH 4000MM:

02 nos. of Surface Miners were commissioned in 2015-16. Another 02 nos. of Surface Miners were commissioned in year 2016-17. Details as below-

Sl. No.	Manf. Sl. no.	Project	Commissioning date
1	40	Jayant	16.05.2016
2	41	Krishnashila	03.05.2016

However, utilization of these Surface Miners need to be accentuated to deliver -100mm size Coal, as this will be a great cost-saver and revenue earner for the company.

3.6 FUTURE REHABILITATION PLANS OF HEMM

Rehabilitation/Re-commissioning work in 20/90 Bajrang Dragline (CIL NO. -EXC-1721) of Nigahi Project is in progress since 27.01.2017.

Supply Orders for rehabilitation & Electrical up gradation in the following Draglines have already been placed on OEMs-

Sl. no.	Dragline	Model	Project
1	Matang Dragline CIL No. EXC-1761	20/90 D/L	Nigahi
2	Vaidyanath Dragline CIL No. EXC-1698	20/90 D/L	Khadia
3	Akshay Dragline CIL No. EXC-1725	24/96 D/L	Amlohri
4	Jyoti Dragline CIL No. EXC-1393	24/96 D/L	Dudhichua
5	Vishwanath Dragline CIL No. EXC-1849- Electrical up gradation only	20/90 D/L	Khadia

3.7 SUPPLY ORDERS PLACED FOR HEMM DURING 2016-17

Sl. No.	Equipment, Model	Capacity	Qty.	Project-wise Distribution	P. O Details	Name of Firm
1	Dozer CAT D11T	850 HP	14	AML-05, DCH-05, KHD-02, NGH-02	CIL/43 Dt. 08.04.16	M/s Caterpillar Inc. U S A
2	Shovel WK-20	20 Cum	6	AML-03, NGH-02, KHD-01	63621015 Dt. 06.05.16	M/s Taiyuan Heavy Industry Ltd. China
3	Drill RECP-650	160 mm	7	KHD-04, JNT-01, NGH-01, KSL-01	63621118 Dt. 03.01.2017	M/S REL
4	Wheel Dozer	460 HP	10	DCH-03, JNT-01, BLK-01, KHD-01, KSL-01, AML-03	CIL /13 Dt. 19.10.16 CIL /12 Dt. 05.10.16	M/S GMMCO Ltd. M/S L&T Ltd
5	Crane RT9130E	120 T	1	AML-1	63621046 Dt. 28.07.16	M/s Manitowoc Ltd.



3.8 HEMMs COMMISSIONED DURING 2016-17

Sl. No.	Equipment	Model	Capacity	Qty. (nos.)	Project-wise Distribution
1	Shovel	PC 2000-8	11 Cum	09	AML-3, KHD-2, NGH-2, BIN-1, JNT-1
2	Shovel	EX 1900V	11 Cum	02	DCH-1, JNT-1
3	Dozer	CAT D11-T	850 HP	14	AML-05, DCH-05, KHD-02, NGH-02
4	Pay loader	CAT992K	11 Cum	5	BIN-1, BLB-1, KSL-1, DCH-1, NGH-1
5	Drill	DMH	311 MM	2	KHD-2
6	Drill	RECP850E	311 MM	2	AML-2
7	Drill	RECP650	160 MM	5	KHD-4, NGH-1
8	Excavator	TATA Hitachi	1.2 Cum	02 nos.	JNT-1, NGH-1

- 01 no. 120 T Crane has been commissioned at Amlohri in April'2017.
- WK-20 20 Cum Shovel is under commissioning at Amlohri (01 no.) & Nigahi (01 no.) Project.
- 10 no. Wheel Dozers 460 HP are to be commissioned in 2017-18 (DCH-03, JNT-01, BLK-01, KHD-01, KSL-01, AML-02)
- Remaining 02 no. RECP-650 160MM drills are to be commissioned in 2017-18 (JNT-01, KSL-01)

3.9 EQUIPMENT UNDER PROCUREMENT PROCESS (as on 18.04.2017)

Sl. No	Equipment	Total Qty.	Project-wise Distribution
1	Dumper 100T	104 Nos.	AML-16, BINA-2, DCH-10 JNT-39, KHD-7, NGH-10, JRD-10, KKR-10
2	10 Cum Electric Rope Shovels	07 Nos.	DCH-5, JNT-2
3	10-12m ³ Hyd. Face Shovel	03 Nos.	JRD-01, KKR-02
4	10-12 Cum F.E. Loader	02 Nos.	JRD-01, DCH-01
5	600 HP Grader	01 No.	JRD-01
6	Drill 160 mm	02 Nos.	JRD-02
7	70 KL Water Sprinkler	06 Nos.	JRD-02, JNT-01 NGH-03
8	75 T Crane	01 No.	JNT
9	40 T Crane	01 No.	JRD
10	30 T Crane	01 No.	JRD

Status of HEMM Procurement at CIL against indents of NCL:-

- Presently, 93 number (91 + 2 Trial) 180-200 T Dumpers & 08 number 24/88R Draglines are under procurement for NCL at CIL HQ.
- It is pertinent to note that 180-200 T Dumpers & 24/88R Draglines were decentralized to NCL for procurement on lead company basis Vide no. CIL/DT/069/16/313 dated 30.12.2016. However, aforesaid letter was later on withdrawn vide letter no. CIL/DT/MF/17/408 date 04.04.2017. Accordingly files received on 28.01.17 vide no. ex-7308 were sent back to CIL vide no. 206 date 09.04.2017.

3.10 CENTRAL WORKSHOP, JAYANT

Central workshop, Jayant caters the need of highly sophisticated Heavy Earth Moving Machineries (HEMM) of diversified origin having wide variety of technologies by way of ready float assemblies of overhaul Engines, Transmissions, Wheel motors, Electrical motors, Generators, Transformers, and Magnetorque assemblies of all HEMMs.

Also, repair of mechanical assemblies by shafting/de-shafting, reclamation by welding/manufacturing which are also having imports substitution, Heat treatment etc. are under taken by CWS, Jayant.

It also caters to the need of IWSS/Khadia, CHPs of different Projects, E&M department for their Pump, Motors, Transformers etc. doing need based machining & fabrication etc.





ANNUAL REPORT 2016-17

3.11 GENERAL OUTPUT FROM CENTRAL WORKSHOP, JAYANT IN LAST YEAR & PREVIOUS FIVE YEARS ARE AS FOLLOWS:

Year	Engine			Transmission		
	Over-hauled (nos.)	Repaired, S/R (nos.)	Total (nos.)	Over-hauled (nos.)	Repaired, S/R (nos.)	Total (nos.)
2011-12	194	30	224	172	11	183
2012-13	167	35	202	135	13	148
2013-14	146	37	183	104	34	138
2014-15	170	39	209	127	10	137
2015-16	190	36	226	158	21	179
2016-17	180	38	218	175	41	216

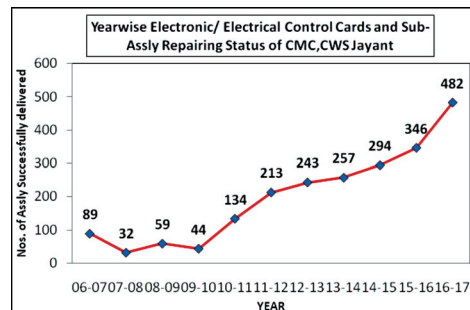
Year	Electrical	Machine		Wheel motor		Dipper handle
	KVA	Manufacturing (Tons)	Repaired (nos.)	Over-hauled (nos.)	Repaired, (nos.)	Repaired, (nos.)
2011-12	229.5	82.9	1227	74	27	11
2012-13	264.1	151.28	1300	74	45	17
2013-14	230.0	143.95	1302	74	36	19
2014-15	196.1	143.23	1304	81	19	10
2015-16	192.57	169.46	1317	68	20	11
2016-17	257.28	173.77	1404	71	23	10

Year	Magnetorque Repaired (nos.)	Press (nos.)	Welding (nos.)	Heat Treatment (nos.)
2011-12	46	487	422	26.91
2012-13	64	463	396	52.38
2013-14	60	557	550	56.00
2014-15	39	547	632	55.32
2015-16	33	548	683	63.02
2016-17	32	492	740	65.83

3.12 PERFORMANCE OF CONDITION BASED MONITORING CELL, JAYANT

Year	Oil analysis repair	Electronic card Dragline	CBM inspection of in Shovels & Draglines	Need based services
2013-14	5777 nos.	257 nos.	29 nos.	17 nos.
2014-15	5740 nos.	294 nos.	30 nos.	47 nos.
2015-16	5705 nos.	346 nos.	31 nos.	48 nos.
2016-17	5184 nos.	482 nos.	32 nos.	69 nos.

Note: 39.3% growth in repairing of Electronic cards in year 2016-17 wrt last year i.e. 2015-16



NORTHERN COALFIELDS LIMITED

- 482 nos. successfully repaired electronic control cards and sub-assemblies of HEMMs, CHP and P&M has been delivered in the year 2016-17.
- Growth of 39.31% in the output of Electronics Lab, CMC/CWS, Jayant compared to the FY 2015-16.
- Approx. Rs. 21.60 Crores has been saved by the repairing of control cards at CMC against the replacement cost of 482 nos. of new control cards/sub-assemblies during FY 2016-17.
- 05 nos. SCR Package (Part No.- IC3605D080FP360/FGBY) of 24/96 Draglines of Dudhichua Project were repaired. The unit cost of a new SCR Package is approx. Rs. 53 Lacs.
- Control cards of Marriion 182 M Shovels, DC2000 and DOM II system of 24/96 Draglines and 170T dumper are not being supplied by OEM anymore due to obsolete model. These equipments are running by repaired control cards from only through CMC.
- 04 nos. Thyristor package, 1 no Diode package and 46 nos. control cards of EKG10 CuM Shovel of Bina Project were repaired by CMC. Electronic control system of this machine is now obsolete by OEM and m/c is running due to repairing all types of control cards of this m/c only by CMC.
- CMC lab has also provided assistance to the other subsidiaries of CIL by repairing 26 nos. major control cards of Marion 182M shovel. Details mentioned below:-

S.N.	Subsidiary	Area/Project	Eqpt.	Name of Card	Qty.
1	CCL	KDH	Marion 182M	SBCA Card	6
				LDCC Card	1
				DCFB Card	7
2	SECL	Kusmunda	Marion 182M	LDCC Card	1
				PCCA Card	3
				LTB Card	2
				SBCA Card	1
				DCFB Card	1
				FSSA Card	1
3	SECL	Dipika	Marion 182M	FSSA Card	1
				LDCC Card	1
				Power Supply Card	1
Total no. of cards successfully repaired and delivered to other subsidiaries					26

3.13 SPECIAL ACHIEVEMENT AWARD

- Shri Arun Kumar, Assistant Manager (Excav) of Jayant Project was awarded with the appreciation letter from CMD, NCL vide no. NCL/CMD/F-4/2017/15 date 19.04.2017, for carrying out the modification in BH-100 Dumper No. 1137 by relocating the mounting position of grease pump, which has resulted in elimination of possibility of fire, reduce in possibility of breaking of mounting plate and has helped in augmenting safety of the engine of the Dumper.
- Shri M K Chandrawanshi, Chief Manager (Excav), Amlohri was awarded on NCL foundation day on 28th November, 2016 for his excellent contribution to working of Draglines at Amlohri project.
- Shri Punit Srivastava, Assistant Manager (Excav), NCL, HQ was awarded with vigilance excellence award on 01st November 2016 for Expression of Interest work regarding fabrication/ refurbishment work of different assemblies/ sub-assemblies.
- Shri Awadhesh Yadav, Assistant Manager (Excav), Krishnashila project was awarded on NCL Foundation day for improvement work in brake system of 33/72 Dragline.

3.14 DIFFERENT TRAINING PROGRAMMES FOR SKILL DEVELOPMENT OF EXCAVATION EXECUTIVES AND NON-EXECUTIVES

- Functional Skill development Program for Excavation Executives (E1 to E4) in different months of 2016-17.
- Training on AC Drives by M/s Seimens from 22.11.16 to 26.11.16 at CETI, Singrauli.





ANNUAL REPORT 2016-17

- Training programme on Technical upgradation in BEML Excavator, Dozer & Dumpers during 17.10.16 to 22.10.16 at CETI, Singrauli.
- Training on Operation and maintenance of Backhoe Excavator Model EX1900-6 BH in Jayant Project during 06th to 9th September 2016.
- Training on repair and maintenance of EOT Cranes in December 2016 month at CWS, Jayant for Electricians and Mechanical fitters of different projects of NCL
- Skill Development Training Programme for fitters during 28.11.16 to 03.12.16 at CETI, Singrauli.
- Training on maintenance of BD-355 Dozers by BEML from 26.12.16 to 30.12.16 at CETI, Singrauli.
- Two weeks Training Programme (Field Training & Classroom Training) on L&T Surface Miner from 07.11.16 to 19.11.16.

3.15 System Capacity Utilisation and overall Mine Capacity Utilisation

Particulars	% Capacity Utilisation Figures				
	2012-13	2013-14	2014-15	2015-16	2016-17
Dragline System	66.14	65.71	59.82	69.64	58.62
Shovel-Dumper System	68.40	69.65	75.44	75.38	75.89
Mine Capacity Utilisation	67.71	68.40	70.09	73.43	69.52

3.16 Capacity Utilization

The capacity Utilization during the year under report compared to previous year is given below:

Description	2016-17	2015-16
Capacity in Mcum	196.42	192.05
Production in Mcum	136.55	141.03
Capacity Utilisation (%)	69.52	73.43

4.0 MARKETING AND SALES

4.1 Performance

(A) The off-take vis-à-vis the target and Annual Contracted Quantity (ACQ) for the year 2016-17 in comparison to the previous year is furnished below:-

2016-17 (in MT)			2015-16 (in Mill Tes) Actual	% Achievement of Target	% Mat of linkage/ACQ	% Growth over previous year
Target	Linkage/ACQ	Actual				
82.00	88.55	83.49	78.53	101.82	94.29	(+)6.31

(B) Power Sector continued to remain the main consumer for NCL, accounting for more than 94% of the total dispatches. Information in respect of coal supplies to major consumers of power sector is given below:-

Consumer	2016-17 (in Mill Tes)		Mat. of linkage/ ACQ(%)	2015-16 (in Mill Tes)	Growth over previous year (%)
	Linkage/ACQ	Actual			
NTPC	45.89	43.96	95.80	43.87	(+)0.21
UPRVUNL	15.50	14.20	91.64	13.86	(+)2.38
Total Power Sector	81.28	78.68	96.81	73.31	(+)7.33

(C) Supply of Dashed coal from Bina Deshaling Plant

Against the target of 3.825 Million Tonnes, Bina Deshaling Plant dispatched 3.155 Million Tonnes to Hissar, Kota, Suratgarh, SSTPS, VSTPP, RHSTPP, Anpara, Paricha, Jhajjar and Arawali Thermal Power Stations during 2016-17 as compared to 3.115 Million Tonnes during 2015-16.



4.2 Spot e-Auction Scheme

- (A) Spot e-Auction scheme was formulated under the provision of New Coal Distribution Policy (NCDP) circulated by the Ministry of Coal during Nov.'07. For procurement of coal under the said scheme, buyers are to bid for the desired quantity at prices above the "Floor Price". CIL notified that w.e.f. Oct'15, "Floor Price" of coal with GCV upto 5800 Kcal/Kg is to be fixed at 20% above notified price and for coal with GCV above 5800 K.cal/Kg " Floor Price' will be same as notified price.
- (B) Quantity booked along with financial gain under the above scheme during 2016-17 is as under:-

Scheme	Period	Quantity Booked (in lakh tes.)	Financial gain above notified price (approx.) (Rs. in crores)
e-auction scheme (Spot) (Coal by Road)	April'16 to March'17	12.40	46.44
e-auction scheme (Spot) (Coal by Rail)	April'16 to March'17	9.93	53.46
e-auction scheme (Spot) (Reject by Road)	April'16 to March'17	3.02	3.45
Total		25.35	103.35

4.3 Special forward e-Auction Scheme for 'Power Producers' (excluding Captive Power Plants):

(A) Objectives:

The Special Scheme is aimed to make an earmarked quantity of coal available for supply through e-auction to the power plants which are stressed or in short supply of coal after taking into account supplies received through FSA/MOU, coal mined/used/ from captive coal mines, import and normal e-auction.

- (B) Quantity booked alongwith financial gain under the above scheme during 2016-17 is as under:-

Scheme	Period	Quantity Booked (in lakh tes)	Financial gain above Avg. notified price(approx.) (Rs. In Crores)
Special forward e-Auction (Coal by road/ road cum rail)	April'16 to March'17	55.52	103.79
Special forward e-Auction (Coal by rail)	April'16 to March'17	21.83	56.15
Total		77.35	159.95

4.4 Special Forward e-Auction Scheme, 2015 for 'Power Producers (including CPPs)

(A) Objectives:

Exclusive e-Auction Scheme is aimed to make an earmarked quantity of coal available for supply through e-auction to all coal consumers other than power.

- (B) Quantity booked along with financial gain under the above scheme during 2016-17 is as under:-

Scheme	Period	Quantity Booked (in lakh tes)	Financial gain above Avg. notified price (181pprox.) (Rs. In Crores)
Exclusive e-Auction (Coal by Road/ Road cum Rail)	April'16 to March'17	3.49	6.82
Exclusive e-auction (Coal by Rail)	April'16 to March'17	3.35	9.82
Total		6.84	16.64





4.5 Sector-wise and Mode-wise Offtake

The sector-wise and Mode-wise off take of coal during the year 2016-17, in comparison to 2015-16 is given below:-

(Fig in Mill Tes)

Sector/ Mode	2016-17	2015-16
Sector-wise Offtake		
Power	78.990	69.38
Cement	0.036	0.21
Others	4.465	8.94
Total	83.491	78.53
Mode-wise Offtake		
Rail	27.365	27.85
MGR	38.995	38.75
Belt Pipe Conveyor	2.987	1.84
Road (External)	10.682	6.80
Road (Internal)*	3.462	3.29
Total	83.491	78.53

*Raw coal transported by road to Bina Deshaling Plant has been considered as Road (Internal).

4.6 Wagon Loading

Information in regard to average wagon loading through I/R rakes against target and as compared to previous year is given below:-

2016-17 (Box/Day)		2015-16 (Box/day) Actual	Target Achievement (%)	Variance from last year (%)
Target	Actual			
22.4	22.6	22.3	100.89	1.35

4.7 Coal Price Revision

Coal prices were revised w.e.f. 30th May 2016.

5.0 QUALITY CONTROL

5.1 Sampling Arrangement

As per the directives of Ministry of Coal, Govt. of India, third party sampling by CSIR-CIMFR on behalf of NCL & NTPC is being carried out at NTPC - linked projects viz. Amlohri & Jayant (w.e.f 01.01.2016) and Dudhichua and Nigahi (w.e.f 03.02.2016).

Subsequently, tripartite agreement with NCL and various TPPs and CSIR-CIMFR was signed in a phased manner i.e. NTPC-VSTPP, SSTPP, RhSTPP, Arawali Power Company Pvt. Ltd., Lanco Anpara, UPRVUNL-ATPS, OTPS & PIC, and HPGCL-PMRG: RRVUNL-Kota TPS, Suratgarh, TPS and China Light Power, Mahatma Gandhi Thermal Power. With this 74.344 million tonnes coal to power section out of 79.02 million tonne coal for consumer having FSA with NCL is covered under third party sampling by CSIR-CIMFR.

Further, CSIR-CIMFR has stated third party sampling on behalf of NCL and various TPPs at all loading sidings of NCL.

Other consumers like UPRVUNL, RRVUNL & HPGCL having their own Third Party Sampling Agency at Loading End for sampling and analysis work.



5.2 Sizing of Coal

The entire dispatch of coal to power sector during the year 2016-17 was made after proper sizing as detailed below:-

Means of sizing of coal	2015-16 (in %age)	2016-17 (in %age)
(-) 250 mm (CHP/Feeder Breaker/Other means)	80.06	97.50
(-) 100 mm (CHP/Surface Miner/Mobile Crusher)	19.94	2.50
Total	100	100

5.3 Quality complaints and action taken thereon

(A) During 2016-17, 12 nos. of complaints were received from power houses. The nature of complaints were on account of oversized boulder, wet muddy sticky and lumpy coal supplied to the power houses in rakes loaded from Spur Siding Jayant and Block 'B' project. Details of complaints received during the last three years are given below:-

Year	Nature of complaints (Fig. in nos.)			Total
	Oversized Coal	Poor Quality	Foreign Materials	
2014-15	17	04	Nil	21
2015-16	15	04	Nil	19
2016-17	8	04	Nil	12

- (B) NCL is taking all the measures to ensure supply of proper sized coal to all consumers. NCL is having elaborate crushing arrangement and presently it has installed crushing capacity of:
- (-) 100mm: 21.5 MT- Through Surface Miner 12 MT, Mobile Crusher - 6 MT and through CHP-3.5MT.
 - (-)250mm: 54.5 MT of installed crushing capacity of through existing CHPs
- (C) Also 19 MT of additional capacity of (-) 100MM size coal is under construction (CHPs 15MT at Khadia, Nigahi and Krishnashila projects and Mobile Crusher - 4 MT at Khadia).
- (D) The total demand for coal including power utilities and CPPs during FY 2017-18 is 86.29 MT (Power utilities 78.65 MT and CPPs 7.64 MT) of which 46.445 MT demand is from NTPC TPPs. Further, NTPC has requested that they will not be requiring (-) 100 mm size coal.
- (E) As such it is expected that through the existing and proposed facilities 40.5 MT of (-) 100 mm coal (21.5MT installed & 19MT under construction), NCL is geared up to meet the balance demand of 39.845 MT (Total demand 86.29 MT - 46.445 MT NTPC demand) of (-) 100 mm coal to its consumers during the FY 2017-18.
- (F) In addition, NCL through its installed capacity has dispatched 13.83MT of (-) 100mm size coal during FY 2016-17 and 1.75MT in FY 2015-16.

6.0 STOCK OF COAL

6.1 The Measured stock of raw coal as on 31.03.2017 was 7.195 Million Tes, equivalent to 32 days of coal production in terms of average daily target for 2016-17. The stock of raw coal as on 31.03.2016 was 6.589 Mill Tes.

6.2 Stock of stores and spares.

(A) Information in regard to inventory of stores and spares as on 31.3.2017 as compared to 31.3.2016 is tabulated as under:-

Sl.No.	Description	As on 31.3.2017	As on 31.3.2016
(i)	Value of Inventory (Rs. in crores).	528.21 crores	388.44 crores
(ii)	Inventory in terms of months' consumption.	3.47 months	2.65 months

(B) The percentage increase in inventory over last year is 35.95%. Moreover supply of P&H shovel spares against MB15-16 of value Rs. 168 Crs. has been received at central store. Also warranty spares for several equipment which have been supplied during 16-17 also contributed to the rise in inventory.





6.3 Disposal of Scrap

- (A) In the year 2016-17 the disposal of scrap was of value of Rs.17.81 Crores.
- (B) Compared to realization of cash against scrap value of 2015-16 of Rs.9.01 Crores, the cash realized in 2016-17 was Rs.12.12 Crores which was 34.52% higher over the previous year.
- (C) In the year 2016-17 the Used Oil disposed-off is 1407 KL in comparison to previous years Used Oil of 767 KL which is 34.52% higher over the previous year.

7.0 SAFETY

7.1 The accidents statistics for the year 2016-17 as compared to previous year is furnished below:

Sl. No.	Particulars	2016-17	2015-16
1	No. of fatal accidents	4	3
2	No. of fatalities	4	3
3	No. of serious accidents	14	16
4	No. of serious injuries	14	17
5	Fatality rate per MT output	0.048	0.037
6	Fatality rate per 3 lakh manshift	0.313	0.229
7	Fatality rate per 1000 persons employed	0.259	0.186
8	Serious injury rate per MT output	0.166	0.212
9	Serious injury rate per 3 lakh manshift	1.097	1.298
10	Serious injury rate per 1000 persons employed	0.908	1.056
11	Fatality rate per MM3 output	0.010	0.008
12	Serious injury rate per MM3 output	0.037	0.044

7.2 Safety Measures & Training

(A) Measures taken for improvement in safety standard in Mines of NCL.

- i. Simulators for training of 100 Te. Dumper operators and 85 Te. Dumper operators were installed on 28.11.2012 in CETI. 494 Dumper Operators were provided training on simulator during the year 2016-17.
- ii. Lock-Out & Tag Out (LOTO) system of Electrical shut down procedure has been implemented in all the mines of NCL.
- iii. External Safety Audit of all the 10 Projects of NCL had been conducted by M/S Keratin in Oct.2016.
- iv. Inter Subsidiary Safety Audit of all the 10 Projects have been conducted by WCL teams during the period from 23.01.2017 to 11.02.2017.
- v. Monitoring of Dragline Dumps are being done regularly as under -
 - a) Measurement of corridors of dragline OB dumps(Dragline sitting level and coal roof of Turra seam level) by Area & ISO.
 - b) Target-less Total Stations have been provided for all Ten Projects of NCL and are in use for peg survey for dump monitoring.
 - c) Three number of 3D Laser Scanners have been procured for Jayant, Nigahi & Dudhichua Projects of NCL.
 - d) Scientific Studies for Dumps stability of different Projects are being done from time to time. IIT-BHU, Varanasi has been engaged carry out the safe design & Risk Management for the external and internal dumps of 5 Mega Projects of NCL.
 - e) Procurement of four number of slope stability Radars is under process.



- vi) One week's Intensive training on safety is being given to front line Supervisors of the Projects.
- vii) Sensitization training to all contractual workmen is being imparted for making them more aware regarding safety related matters.
- viii) Arrangements for Dust Suppression :-
 - a) 8 Nos. of 70 KL High pressure water spray systems (fixed type) are running in the Projects, which are equivalent to mist spray for haul road dust suppression.
 - b) 77 Nos. of water tankers (New and converted) are provided for dust suppression in the Projects.
 - c) Out of 118 Nos. of Drill machines working in the Projects. 105 Nos. are fitted with Dust extractor and Six Nos. have interlocked water spraying arrangements.
 - d) Dust suppression arrangements are provided in the CHPs which are operative in Nigahi, Amlohri, Jayant, Dudhichua, Bina and Khadia OCPs. Atomizer type (a variant of mist type) water sprinkling systems are provided in all unloading points and Silos.
- ix) Family counseling of company employees as well as HOE out sourcing workers are being conducted regularly for improving safety.
- x) Safety Management Plans of all the ten Projects have been prepared and are being implemented.
- xi) Safe Operating Procedures have been enforced in all the Projects to enhance Safety.
- xii) Special safety drive has been conducted on Workshops in all the Projects during March 2017
- xiii) Annual Safety Week of the Projects was celebrated from 16.01.2017 to 22.1.2017.

7.3 Reduction achieved in Fatality/Serious Injury rates in NCL during 2016-17 is tabulated below:

Particular	Performance
Reduction / increase in Fatality rate (Fatality Rate/ MT w.r.t last FY)	Reduced by 29.73%
Reduction in Serious Injury Rate (Serious Injury Rate/MT wrt last FY)	Increased by 21.70%

8.0 PROJECT PLANNING AND DEVELOPMENT

8.1 Completed Projects

There are fifteen completed coal mining projects in NCL, In addition there are three completed OBR Augmentation Schemes and Seven Non-Mining completed projects costing Rs 5 Crs and above. The details of above projects are given below:-

S.N	Name of the Project	Capacity (Mtpa)	Sanctioned Capital (Crs)	Sch. date of Completion	Actual date of Completion
MINING					
1	Bina	4.50	168.64	3/87	3/88
2	Jayant	10.00	375.04	3/91	3/90
3	Amlohri	4.00	527.11	3/93	3/93
4	Kakri	2.50	137.80	3/91	3/93
5	Dudhichua Phase-I (Merged with DCH Expansion 10Mtpa)	5.00	289.68	3/93	3/93
6	Jhingurdah	3.00	63.11	3/87	3/87
7	Gorbi (Closed)	1.00	7.70	3/76	3/76
8	Gorbi-B (Closed)	0.60	19.18	3/90	3/90
9	Gorbi Expn (Merged with Gorbi) - Closed	1.50	19.26	3/89	3/89
10	Nigahi Phase-I (Merged with Nigahi Phase-II 10Mtpa)	4.20	648.04	3/95	3/95





S.N	Name of the Project	Capacity (Mtpa)	Sanctioned Capital (Cr)	Sch. date of Completion	Actual date of Completion
11	Khadia	4.00	588.75	3/94	3/97
12	Dudhichua Expn OC (RCE)	10.00	1281.39 #	3/04	3/04
13	Nigahi Expansion OC	10.00	1846.49 #	3/04	3/04
14	Kakri Coal Aug. Scheme OC	0.50	48.79	3/04	3/06
15	Bina Extension	6.00	168.97	12/13	12/13
16	Block-B OCP	3.50	535.10	3/2015	12/2015
17	Amlohri OCP	10.00	1670.65#	3/2016	3/2016
18	Krishnashila OCP	4.00	741.62	3/2013	4/2016
OBR AUGMENTATION SCHEMES					
1	Jayant OBR Scheme		41.26	3/96	3/96
2	Jhingurdah OBR Scheme		42.98	3/96	3/96
3	Bina OBR Scheme		48.28	3/01	3/00
NON-MINING					
1	Central Workshop		68.72	3/02	3/02
2	Integrated Water Supply Scheme		18.87	3/89	3/89
3	Nehru Shatabdi Chikitsalaya		19.91	4/97	8/02
4	Communication Scheme		5.04	4/96	3/96
5	Water Supply Scheme Phase-I&II		9.28	4/99	06/98 & 04/99
6	Bina Deshaling Plant		16.69	8/97	08/97
7	132 KV SS Madhauri(RCE)		5.43	3/01	03/01

including the sanctioned capital of Nigahi Phase-I (4.2 Mtpa) and Dudhichua Phase-I (5.00 Mtpa) & Amlohri (4.00 Mtpa)

8.2. On-going Projects and Schemes

There are two mining projects costing Rs 100 Crs and above under implementation as mentioned below:

S.N	Name of the Project	Capacity (Mtpa)	Sanctioned Capital (Cr)	Sch. date of Completion	Actual date of Completion
MINING					
1	Khadia Expansion (4 to 10 Mtpa)	6.00	1131.28	3/2018	3/2018
2	Nigahi Expansion (10 to 15 Mtpa)	5.00	486.57	3/2018	3/2018

8.3. Future Programme & New Projects

- (A) Five numbers of new/expansion Open Cast Projects (OCP) have been planned to be taken by the year 2019-20:-
- Jayant Expansion OCP (10.0 to 20.0 Mtpa)
 - Block-B Expansion OCP (3.5 to 8.0 Mtpa)
 - Dudhichua Expansion OCP (10.0 to 20.0 Mtpa),
 - Bina-Kakri Amalgamation OCP (10.0 Mtpa)
 - Semaria OCP (2.0 Mtpa)
- (B) The status of approval of these projects and their Forest Clearance (FC) & Environment Clearance (EC) is as given below:
- Jayant Expansion OCP (10.0 to 20.0 Mtpa)** : Expansion Project Report (EPR) of 20 Mtpa(10 Mtpa Incremental) has been recommended by Empowered Sub Committee (ESC) of CIL Board on 31.03.2017 for approval of CIL Board with sanctioned incremental capital of Rs.1783.09 Crs for additional OB outsourcing option.



NORTHERN COALFIELDS LIMITED

- ii) **Block-B Expansion OCP (3.5 to 8.00 Mtpa)** : PR for 8 Mtpa capacity has been recommended by NCL Board on 18.12.2015 for approval of CIL Board with sanctioned incremental capital of Rs.912.23 Crs.
- iii) **Dudhichua Expansion OCP (10.0 to 20.0 Mtpa)** : Expansion Project Report (EPR) of 20 Mtpa (10 Mtpa Increment) has been recommended by NCL Board on 22.07.2016 for approval of CIL Board with sanctioned incremental capital of Rs.1255.17 Crs for additional OB outsourcing option.
- iv) **Bina-Kakri Amalgamation OCP (10.0 Mtpa)** : Bina-Kakri Amalgamation OCP (10 Mtpa) has been approved in-principle by NCL Board with initial capital outlay of Rs 1291.98 Crs on 05.11.2011. PR is being recast by CMPDI. Land required for the project has been notified and vested with NCL under CBA(A&D) Act, 1957. The online application for FC has been submitted on 07.07.2016
- v) **Semaria OCP (2.0 Mtpa)** : It is a green field project, which was accorded in-Principle approval by NCL Board on 14.05.2011 for Capital outlay of Rs. 141.49 Crs. PR is being recast by CMPDI. Land required for the project has been notified and vested with NCL under CBA (A&D) Act, 1957. The online application for FC has been submitted on 02.02.2017

8.4 EXPLORATION & DRILLING

The drilling for geological exploration is done through CMPDI, RI-VI.

(In Mill Tes)

	2015-16		Target	2016-17			2017-18
	Actual			Actual			Target (Proposed)
	CIL	Non-CIL		CIL	Non-CIL	Total	
CMPDI	19683.00	6626.00	34000.00	32608	4332	36940	47500.00
MECL	25854.00	24219.00	25000.00	20317	3659	23976	25000.00

8.5 Status Report for the work of Excavation/ Removal of Overburden by Hiring of Equipment in NCL as on 31.03.2017 is as under

Status Report for the work of Excavation/ Removal of Overburden in NCL as on 31.03.2017.

Sl. No.	Project	Awarded Quantity (MBCM)	Period (Years)	Contract awarded to	Date of Commencement	Scheduled date of completion	Remarks
1	Amlohri - I	100.00	5	M/s Sadbhav Engineering Ltd., Ahmedabad	14.07.2013	13.07.2018	
2	Amlohri - II (D/L Bench)	15.00	3	M/s Dholu Construction & Projects Ltd., Ahmedabad	09.03.2015	08.03.2018	
3	Amlohri - III (D/L Bench)	21.35	3	M/s VPR Mining Infrastructure Pvt. Ltd., Hyderabad	22.10.2015	21.10.2018	
4	Bina Extn.	105.60	5	M/s GSCO Infrastructure Pvt. Ltd., Chandigarh	16.11.2014	15.11.2019	
5	Block-B	106.95	5	M/s BGR Mining & Infra Pvt. Ltd., Nellore (AP).	20.06.2015	19.06.2020	
6	Dudhichua-I West	27.85	3.3	M/s Gajraj Mining Pvt. Ltd., Singrauli	08.12.2014	24.01.2018	
7	Dudhichua-II East	74.57	3	M/s BGR Mining & Infra Pvt. Ltd., Nellore (AP).	14.02.2015	13.02.2018	
8	Dudhichua-III (D/L Bench)	20.08	3	M/s VPR Mining Infrastructure Pvt. Ltd., Hyderabad	10.11.2015	09.11.2018	





ANNUAL REPORT 2016-17

Sl. No.	Project	Awarded Quantity (MBCM)	Period (Years)	Contract awarded to	Date of Commencement	Scheduled date of completion	Remarks
9	Jayant - I East	26.62	3	M/s Gajraj Mining Pvt. Ltd., Singrauli	17.11.2014	16.11.2017	
10	Jayant - II West	81.97	4.67	M/s VPR Mining Infrastructure Pvt. Ltd., Hyderabad	1.12.2014	12.08.2019	
11	Jayant- III (D/L Bench)	27.77	3	M/s VPR Mining Infrastructure Pvt. Ltd., Hyderabad	20.11.2015	19.11.2018	
12	Kakri	12.91	3	M/s Rungta Projects Ltd., Anpara, Sonbhadra (UP)	27.10.2013	26.10.2016	Work Completed on 4.11.2016
13	Jhingurdah - I	19.41	3	M/s AMR-Saisudhir (JV), Hyderabad	21.07.2013	20.07.2016	Work Completed on 4.8.2016
14	Jhingurdah	28.28	4	M/s Sical Logistics Ltd., Chennai	10.03.2017	09.03.2021	
15	Khadia - I	66.54	5	M/s Montecarlo Ltd., Ahmedabad	03.06.2013	02.06.2018	
16	Khadia - II	29.00	3	M/s BGR Mining & Infra Pvt. Ltd., Nellore (AP).	04.08.2014	03.08.2017	Work Completed on 6.6.2016
17	Khadia III	123.64	5	M/s BGR - VPR Consortium, Hyderabad	30.01.2017	29.01.2022	
18	Krishnashila - I	59.36	5	M/s Montecarlo Ltd., Ahmedabad	21.01.2013	20.01.2018	
19	Krishnashila - II	40.04	5	M/s BGR Mining & Infra Pvt. Ltd., Nellore (AP).	24.12.2016	23.12.2021	
20	Nigahi - I	81.75	3	M/s BGR Mining & Infra Pvt. Ltd., Nellore (AP).	18.11.2014	17.11.2017	
21	Nigahi - II (D/L Bench)	13.00	3	M/s Dilip Buildcon Ltd., Bhopal	19.02.2016	18.02.2019	
22	Nigahi - III	132.46	3	M/s DBL-DECO (JV), Bhopal	11.03.2017	10.03.2020	

8.6 Performance of NCL for construction of CHP's and SILO during 2016-17

Sl.No	Item	Actual Achievement (in %)	Remarks
1	Construction of 4 MTPA CHP at Krishnashila OCP (%age achievement in Financial Terms)	68.37	Construction going on
2	Construction of 6.0 MTPA incremental CHP at Khadia Expansion OCP with (-) 100mm crushing facility (%age achievement in Financial Terms)	94.10	Construction going on
3	Construction of 5.0 MTPA incremental CHP at Nigahi Expansion OCP with (-) 100mm crushing facility (%age achievement in Financial Terms)	90.82	Construction going on



9.0 ENVIRONMENTAL MANAGEMENT

Clean environment for sustainable development is the prime concern of NCL and it is achieved by every employee's contribution and responsibility towards environmental performance. To achieve this objective, various participative initiatives are being practiced and promoted.

NCL has well defined & documented Manual, policy, procedures and guidelines for Environmental Management and sustainable development under its integrated Management system (IMS) complying with international standards of ISO 9001:2008, ISO 14001:2004 and OHSAS 18001:2007.

9.1 ENVIRONMENT PROTECTION AND CONSERVATION

- (A) NCL has well defined policy, procedures and guidelines for Environment Management under its Integrated Management System complying with International Standards of ISO 14001:2004 Environment protection measures are taken concurrently with mining operations for maintaining acceptable levels of major physical attributes of environment namely air and water quality, hydrogeology, noise level and land resources.
- (B) Suitable water spraying systems for arresting fugitive dust in roads, CHPs, Feeder Breakers, Crushers, Coal Transfer Points and Coal Stock Areas have been installed. Massive tree plantation in and around the mining area, controlled blasting, use of modern techniques to reduce air and noise pollution are ensured. A mobile road sweeper has been provided at Block-B project for cleaning the coal dust from coal transportation roads.
- (C) Effluent treatment facilities for mine effluent, workshop effluent and CHP effluent, oil and grease traps, sedimentation ponds and facilities for storage of treated water and its reuse have been provided in Mining projects. 10 nos. ETPs are presently working in 8 projects of NCL and 2 nos. ETPs proposed for Block -B and Krishanshila projects. 8 nos. Domestic waste water treatment facilities have also been provided to deal with the domestic effluents. One more STP at Block-B is under construction. Recharging of ground water is taken up within the mine premises as well as in residential Colonies by way of rainwater harvesting, digging of ponds/ development of lagoons, and de-silting of existing ponds/tanks. In addition to dug wells, 48 nos. Piezometers have been installed in and around all mines of NCL to monitor the ground water level.
- (D) The level of pollutants is being monitored on a routine basis, as per the statutory guidelines to ascertain the efficacy of the pollution control measures being taken in the projects.
- (E) Seminars, training and Awareness programmes are being conducted to enhance the awareness and knowledge of Executives and employees regarding Environment Laws, procedures and new techniques.
- (F) Technical and biological reclamation of the mined areas and external overburden dumps are being taken by planting native species of plants for restoring the ecology. NCL have planted around 2.34 crores plants till March, 2017. ECO restoration site developed in Nigahi and Krishnashila Project with technical guidance of FRI and Eco parks have been developed in Jayant, Nigahi and Khadia.

9.2 Forest /Ecological Mitigative Measures

Forest clearances (FC) have been accorded to the NCL projects by the GoI, MoEF./ concerned State Governments (of UP & MP). Till 31.03.2017 Govt. has accorded clearance for 7918.28 ha forest land in NCL out of which total 7860.78 ha forest land has been handed over by the concerned State Forest Departments. Proposal for renewal of 100 ha. forest land in respect of Jayant project is under consideration of MoEF&CC. During 2016-17, no forest land has been possessed.

Forest Land clearances stipulate certain conditions to be complied with by the user agency. These conditions basically relate to payment of Net Present Value (NPV), compensatory afforestation (CA), reclamation of mined out areas, creation of safety zones around mining areas, meeting fuel wood needs of labourers and employees engaged in mining activities etc. The basic objectives of these conditions are to ameliorate/mitigate the impacts on forests and its various ecosystem attributes (wildlife, flora, fauna, bio-diversity etc.) resulting from coal mining activities. Brief details of various forest/ecological mitigative measures undertaken by the NCL projects are given below.

(A) Compensatory Afforestation:

The compensatory afforestation is the afforestation done in lieu of the forest land diverted for coal mining and other purposes. Earlier, compensatory afforestation was done over equivalent area of non-forest land. There is a special provision for projects of the Central Government/Central Government Undertaking. According to this, compensatory afforestation is to be raised on degraded forest land which should be twice the area of





forest land that was diverted. The State Forest Departments are to identify “blank” or “degraded” forest lands for compensatory afforestation and the user agency has to deposit the amount for compensatory afforestation with the concerned State Forest Departments.

In lieu of the diverted forest land, total 4,323.869 hectare of non-forest land has been provided by NCL and handed over to the concerned State Forest Departments for compensatory afforestation along with the required costs of compensatory afforestation. Besides this, total 4275.492 hectares degraded forest lands have been identified by the concerned State Forest Departments for the purpose of compensatory afforestation and the NCL has paid Rs. 4783.567 lakhs for compensatory afforestation over these lands.



(B) Net Present Value (NPV):

The NCL has paid Rs 9802.298 lakhs towards Net Present Value (NPV) as per the stipulated condition of forest clearances.

(C) (Biological) Reclamation of Mined Out Areas:

External over burden dumps(OBD) and internal over burden dumps, which are formed by back filling of mined out areas, are technically reclaimed by means of retaining walls, terraces/steps etc.after having achieved the planned heights. Afterwards, biological reclamation works are carried out through plantations of suitable local species.

During the year 2016-17, 140.85 hectare OB Dump areas have been biologically reclaimed by planting 3.65 lakhs plant saplings. Till 31.03.2017, total 3495.16 ha. (OB dumps top & slopes) areas of external and Internal dumps, which in terms of plan area comes to around 2474.52 ha., has been technically and biologically reclaimed by planting total 148.66 lakhs plant saplings.

(D) Safety Zones:

The NCL has paid the cost of afforestation over degraded forest lands to the extent of one and half times the Safety Zone areas.

(E) Social Afforestation:

NCL has undertaken extensive afforestation in residential colonies, road sides, other plain areas etc. This has resulted into development of extensive green cover all around, which helps in checking air, water and noise pollution. During the year 2016-17, total 15,000 plant saplings have been planted under social afforestation programme. Till 31.03.2017, total 85.36 lakhs plant saplings have been planted under social afforestation programme.

(F) Till 31.03.2017, total 234.03 lakhs plant saplings have been planted for biological reclamation and social afforestation programme.

9.3 Pollution Control Measures

(A) Air Pollution Control Measures:

- (i) Automatic sprinklers have been installed at coal receiving pits and are actuated through sensors. Fixed sprinklers have been installed at coal bunkers, transfer points and loading points and are operated through control valves.
- (ii) Dust cyclones are provided at the bottom of receiving pit of the crusher house.
- (iii) All the Coal Handling Plants (CHPs) are fully enclosed to reduce coal dust emission outside CHP.
- (iv) Drills are provided with dust extractors.
- (v) Approach roads to mines and service roads are provided with black topping to reduce dust generation.
- (vi) Mobile water sprinklers are deployed for dust suppression on haul roads on continuous basis.
- (vii) Thick green belts; tall plants with broader leaves have been provided as curtain at mine boundary to arrest air borne dust. The total numbers of trees planted till 2016-17 is about 2.34 crores.



- (viii) Non-active over Burden (OB) dumps are provided with vegetative cover to prevent dust emission under OB Dump reclamation plans.
- (ix) Dust proof cabins have been provided for operators in Heavy Earth Moving Machines (HEMM). Dust masks have been provided to employees exposed to dust.
- (x) Fire hydrants system has been installed for CHPs and coal dumps.
- (xi) Moist coal is loaded to Merry Go Round (MGR) through Rapid Loading System.
- (xii) Routine maintenance and periodic overhauling of HEMMs are done to reduce gaseous emission.
- (xiii) Regular ambient air quality monitoring is being done to monitor the air quality and corrective actions are being taken in case of any adverse report.
- (xiv) A mobile sweeping machine has been procured at Block-B Project for cleaning the coal transportation roads.

(B) Water pollution control measures-

Water pollution control has been done through Silt Arrestors, 10 Effluent Treatment Plants (ETPs) for effluent generated from Mine, Workshops, CHPs and 8 Domestic Sewage Treatment Plants (DSTPs) for colony sewage of working mines are in operation.

- (i) **Effluent Treatment Plants:** Integrated Effluent treatment Plants have been designed for treatment of discharge from mine, workshop and CHP. The plants contain oil and grease recovery system through traps, removal of suspended solids through clarifiers after chemical dosing at flush mixer, sludge drying beds, pipeline and pumping arrangements. Clean treated water is re-used for water sprinkling on haul roads, sprinklers and other industrial purposes.

Two new ETPs have been proposed for Block-B and Krishanshila Project. The ETP of Block- B is under construction stage and revised scheme for Krishanshila is under approval stage.

- (ii) **Domestic Sewage Treatment Plants (DSTPs):** Eight Domestic Sewage Treatment Plants have been constructed in townships with activated sludge process. The plants contain aeration units for oxidation, clarifiers for removal of suspended solids, sludge drying beds, grit removal facilities, sewer lines, manholes, pump houses, control room, etc. Treated water is re-used in horticulture/ agriculture and construction activities. Dried sludge, a valuable manure is used in agriculture.

One more STP is under construction at Block-B Project.

- (iii) **Silt Arrestor:** substantial amount of silt is carried along with the runoff water. Catch drains with silt arrestors are provided in mine areas and are cleaned at regular intervals. Check dams and siltation ponds are provided to arrest silt flowing to the water course. Gabions (loose stones packed in wire crates) with filter pad at toe of the active dumps and across water course, protect against escape of silt into the water body.



- (iv) **Oil recovery:** Floating oil, recovered from Oil and Grease traps is collected in drums which are stored in a raised paved area having drains to collect back spillages. Used Oil collected during maintenance of vehicles and HEMMs are collected and stored in lid tight leak proof drums. Authorization from State Pollution Control Board is duly taken for each individual Project for storage of used oil which is Hazardous waste (Cat. 5.1). This used oil is disposed off through auction to authorized recyclers.

- (v) **Disposal of Hazardous solid waste containing oil:** This comes under Hazardous Waste Category 5.2. Authorization from State Pollution Control Board is duly taken and these wastes are stored in specifically constructed sheds and disposed off through authorized Common Treatment Storage & Disposal Site, available in the state.

(C) Noise Pollution Control Measures-

- (i) Blasting operations are carried out between 14:00 to 15:00 hours only i.e. during change of shifts.
- (ii) Ear-muffs and ear-plugs are provided to employees wherever required.
- (iii) Curtain plantation has been provided in and around colonies and along mine boundaries.
- (iv) Routine maintenance of all equipments.





9.4 Special Activity: Eco restoration work in NCL

Ecological Restoration of mined out areas in Krishnashila and Nigahi projects over an area of 10 Hectares (5 Hectares in each of these Projects) in order to convert degraded mined out areas into productive ecosystem as well as to enhance biodiversity is under progress under the technical guidance and assistance of the FRI, Dehradun.

9.5 Environment Clearances

All the Mining Projects of NCL are operating with Environmental Clearance from Ministry of Environment & Forest, New Delhi. The consent for Air and Water is also taken from the Pollution Control Boards.

Sl.No.	Particulars	EC (in MT)	Remarks
1	EC available as on 31.03.2016	104.72 MT	
2	EC Granted in 2016-17 (addl. capacity)	1.25 MT	EC of Krishnashila enhanced from 5 to 6.25 MT
3	Total EC available as on 1.4.2017	105.97 MT	

9.6 Environmental Monitoring

- (i) Routine environmental monitoring, of air, water and noise are carried out during the year through CMPDI laboratories. Methodology, frequency, etc. were strictly maintained as per the guidelines laid down by CPCB.
- (ii) Results of monitoring were submitted to SPCB and MoEF. as per the statute.

9.7 Functions/ Seminars for awareness of Environment Laws and Conservation

- (i) The Company, through its Environment Department organized functions to celebrate World Environment Day (5th June, 2016) at NCL Hqrs. and other administrative Areas also. The function at NCL, HQ Singrauli was attended by the CMD, Directors, HoDs, Officers and Staffs.
- (ii) Various activities like planation, quiz competition, drawing completion etc. on environment awareness were conducted.
- (iii) The company has also conducted seminars on Solid waste, E-waste and Biomedical waste at NCL, HQ and projects of NCL.

9.8 Awards & Recognition

In recognition of its various environmental activities, your Company has been conferred with the following awards during the year 2016-17:

- (i) "Gold Award" for outstanding achievement in Environmental management from Greentech Foundation.
- (ii) "Skoch BSE Award" for Eco restoration of degraded mining land and development of Bio-diversity in 2 Mines (over 5 Ha in each mine) from Skoch Group, Mumbai.
- (iii) 2nd Prize in Environmental management by Coal India Limited.

10.0 Accreditation

For continual improvement in management system and processes your company has implemented globally recognized Quality, Environment and Health & Safety Management System conforming to requirement of ISO 9001:2008, ISO 14001:2004 and OHSAS 18001:2007 at all its Projects and Units.

Your company continues to hold the ISO 9001:2008, ISO 14001:2004 and OHSAS 18001: 2007 Certifications under its integrated Management System for whole company.

During 2016-17, The Integrated Management System (IMS) of NCL has been re-certified by recognized Certification Body as compliant with international quality standards (ISO 9001:2008), environmental standards (ISO 14001:2007) and Occupation Health & Safety standards (OHSAS18001:2007).

This re-certification reflects NCL's intensive efforts to improve the quality of service and further enhance performance of occupational health, safety and environment systems. This achievement has added to NCL's track record of corporate excellence and international recognition of its high performance levels.



11.0 HUMAN RESOURCE DEVELOPMENT & INDUSTRIAL RELATIONS

11.1 Manpower

Manpower strength of the company (excluding apprentices under the Apprentices Act, 1961) as on 31st March, 2017 was 15357 against 16078 as on 31st March, 2016. The breakup of manpower strength is given below:

(Fig. in Nos.)

Sl.No.	Particulars	As on 31.3.2017	As on 31.3.2016
1	Executives	1708	1786
2	Supervisors	1605	1697
3	Clerical Staff	1059	1041
4	Highly Skilled/Skilled	8131	8225
5	Semi-Skilled/Unskilled	2854	3329
	Total	15357	16078

11.2 Human Resource Development

- (A) The training and skill development part of NCL employees looked after by Central Excavation Training Institute (CETI) is as under:
- Providing learning opportunities to the employees to narrow down performance gaps.
 - To develop training/ reference materials and to arrange special programmes on new equipment for all level of employees.
- (B) NCL has a Central Excavation Training Institute (CETI) at Singrauli and nine Vocational Training Centers (VTCs) in different projects. Need based training is provided to Workmen, Operators, Supervisors and front line Managers. The major training programmes conducted centrally at CETI are as under:-
- Basic courses for HEMM (Dumper, Shovel, Drill, Pay loader and Dozer) Operators, technicians and unskilled workers.
 - Refresher courses for HEMM (Dumper, Shovel Drill, Pay loader and Dozer) Operators and technicians.
- (C) Information about the persons who underwent different training programmes during the year 2016-17 as compared to the year 2015-16 is given hereunder:-

Sl.No	Particulars	2016-17	2015-16
i)	Number of persons trained through Vocational Training Programmes at VTC.	15,863	16196
ii)	Number of persons trained at CETI: -		
	(a) Regular training programmes	3376	4573
	(b) Workshops & Seminars	421	825
	(c) Technical Training (Out Side)/OEM	184	105
	TOTAL	3981	5503
iii)	Number of persons trained through outside company programme in India.		
	a) General Management programme	511	386
	b) Techno-Managerial courses	143	153
	TOTAL	654	170
iv)	Number of persons trained abroad: -		
	a) General Management programme	NIL	0
	b) Techno-Managerial courses	04	04
	TOTAL	04	06

A total of 1515 employees of NCL have been trained under skill development trainings in association with NSDC which is included in Vocational Training Programmes at VTC.





11.3 Reservation for Scheduled Castes (SCs)/Scheduled Tribes (STs) and other Backward Classes (OBC) in recruitment and promotion.

(A) Recruitment

The Presidential Directives in the matter of recruitment of Scheduled Castes (SCs), Scheduled Tribes (STs) and Other Backward Classes (OBCs) have been implemented in NCL.

(B) Promotion

A total of 340 candidates belonging to SC community and 173 candidates belonging to ST community were promoted during 2015.

The representation of SC and ST candidates in total manpower is as under:

As on	Total Manpower	SC Candidates Number in %		ST Candidates Number in %	
31.03.2017	15357	2062	13.42%	1086	7.07%
31.03.2016	16078	2568	15.94%	1229	8.38%

11.4 Appointment of Land Oustees

During the financial year 43 Land Losers were appointed.

11.5 Workers' Participation in Management

- (A) The worker's participation in management in NCL is encouraged at all levels and is operative to every possible extent. There is system of bipartite dialogue to discuss and address not only the grievances but also the issue pertaining to the entire Management of the Mine.
- (B) The meeting of Joint Consultative Committees (JCC) takes place at regular intervals at Project/Unit level as well as Corporate Level. Further meeting of Safety Committee, Welfare Board, Medical Advisory Board, House Allotment Committee, Canteen Committee etc. are also held regularly. In all above forums the Trade Union Representatives do actively participate and contribute.

11.6 Industrial Relations at NCL

- (A) Harmonious relationship is necessary for both employers and employees to safeguard the interests of both the parties of the production. In order to maintain good relationship with the employees, our organization strives for amicable and early settlement of disputes, if any, with the stakeholders of the company ensuring industrial peace and higher productivity.

Industrial Relation in our company continues to be highly cordial and harmonious. The participative way of functioning of management facilitates settling the disputes / grievances amicably through discussions, which in turn has resulted in maintaining over all healthy ethos of relation in Northern Coalfields Limited.

Participative style of management is encouraged at all levels and we also have system of dipartite negotiation to discuss and address the issues pertaining to grievance of employees as well as other issues related with the production and productivity of the organization.

In other words NCL is committed for healthy Industrial Relation which helps in maintaining industrial peace which is necessary for better management, higher productivity as well as sustainable growth of NCL.

- (B) Industrial Relations in our Company continued to be highly convivial and harmonious. The participative way of functioning of management facilitates settling the disputes/grievances cordially through bi-partite discussion and IR meetings at different levels, which in turn has resulted in maintaining over all healthy ethos of relation in Northern Coalfields Limited.

In other words Northern Coalfields Limited is committed for healthy Industrial Relation which helps in maintaining industrialpeace which is necessary for better management, higher productivity as well as sustainable growth.



(C) The details of instances of Industrial Relation disturbances during 2016-17 are as under:

Sl.No.	Particulars	2016-17	2015-16
1.	No. of Strikes:-		
	a) Complete	0	0
	b) Partial	1	1
2.	Law and Order disturbances:-		
	a) Relay Hunger strike	NIL	NIL
	b) Dharna/Demonstration	12	7
	c) Assault	NIL	NIL
	d) Rowdism	NIL	NIL
	e) Gherao	NIL	NIL
	f) Obstruction	NIL	NIL
	g) Non Co-operation activities	NIL	NIL
3.	Mandays Lost	1977	5617
4.	Loss of Production -		
	Coal (Tonne)	NIL	58000
	O.B. (Cu.M.)	NIL	NIL

12.0 EMPLOYEES WELFARE AND SOCIAL AMENITIES

In NCL proper emphasis is given on employee welfare and efforts are made for improvement in welfare and social amenities like Housing, Water supply, Medical, Education, Recreational facilities etc.

12.1 Housing & Township

(A) The total number of standard houses are 16180. Repairing and maintenance of quarters is a continuous process which is being done on regular basis in NCL. Thorough repair of quarters is also going on in a phased manner.

(B) Water Supply

The entire population of NCL has been covered under the Water Supply arrangement. In regards to availability of water, there is 100% satisfaction to the employees in the Company.

(C) Educational Facilities

The Company has established 7 DAV Public Schools, 2 Kendriya Vidyalayas and 01 Delhi Public School in its command area. Other schools in this area are also being supplemented the education facilities and given infrastructure support from NCL. An amount of Rs.30.14 Crores was incurred towards financial support to the schools of NCL -2016-17. An amount of Rs.1.04 Crores was given in financial year 2016-17 towards higher technical fee re-imbusement of the wards of Wage Board employees of NCL.

12.2 Social Activities

(A) Sports & Games

Adequate infrastructure has been developed in the company for promoting games and sports. There are five stadiums one each at Bina, Jayant, Nighai, Singrauli and Dudhichua for physical fitness of employee. NCL has conducted different inter project sports and cultural competitions during 2016-17 as detailed below:-

1. CIL Inter Company Lawn Tennis Tournament-2016.
2. CIL Inter Company Hockey Tournament-2016-17.
3. NCL Inter Project sports Tournaments and trails- 11 tournaments & 3 trails.
4. NCL Inter school tournament- 04 Nos.
5. All India Memorial Invitation Sports organized by NCL.





(B) Recreational Facilities

NCL has adequate recreational facilities for its employees and their family members,. Each project has its own Officers Club and Workers' Institute, well equipped with furniture, utensils, indoor sports material etc. and matching grant is also accorded.

12.3 Mahila Mandal

(A) The Mahila Mandal of NCL assist nearby villagers/needly families of local society for growth of their living standard. Some of their (Mahila Mandal) exemplary works in different areas are as under:-



1. Blanket distribution



2. Inter project Women Badminton Tournament



3. Medical camps



4. Drinking water facilities (Pyau) on nukkad for inhabitants of NCL



5. Computer literacy



6. Women empowerment



12.4 Medical Services

- (A) With the aim of maintaining healthy work force by keeping the executives and staffs, their dependent family members healthy physically, mentally, socially and occupationally and also free from diseases through preventive, curative, qualitative and community health care approach, Medical discipline of NCL is providing Primary, secondary and tertiary care in some of its departments with its specialists doctors, general duty medical officers, nurses, paramedical staffs, & non-medical staffs with its excellent infrastructure. These services are also being offered to local population residing within the catchment area of NCL through regular services and also through CSR activities.
- (B) NCL has three hospitals with total strength of 200 beds. There are two regional hospitals namely Central Hospital, Singrauli with bed strength of 35 and Bina Hospital with 15 beds. The main hospital is Nehru Shatabdi Chikitsalaya with 150 beds, located centrally at Jayant.
- (C) Besides the above 3 hospitals, there are 11 dispensaries, one in each project with the exception of Dudhichua project where 2 dispensaries are existing.
- (D) **Nehru Shatabdi Chikitsalaya (NSC)** is functioning as Referral and Specialized Hospital for all project Dispensaries and Regional Hospitals, providing secondary care for most of the cases and tertiary care in few of its disciplines round the clock, 24 x 7 & 365 days in a year. Patients are also being referred from nearby PSU, Govt. and Private hospitals, PHCs and District Hospitals. Patients requiring services of Medicine, Surgery, Orthopedics, Pediatrics, Obstetrics & Gynecology, Eye, ENT and Dental disciplines are available in regular OPD. Most of the necessary investigations are carried out in the department of Pathology which also has a fully functional Blood Bank. In department of Radiology facilities of Ultrasonography, CT Scan, MRI & Mammography are available. NSC has a Non-invasive Cardiac Lab. with facilities of ECG, Echocardiography with Color Doppler, TMT, Continuous Ambulatory Holters Monitoring & PFT. In the field of Nephrology provision for Hemodialysis and CAPD are in vogue. Specialized facilities e.g. Diagnostic Upper G. I. video Endoscopy, Video Colonoscopy, CCU with Ventilators, Multipara monitor, Nebulizer, Temporary Pacemaker, Defibrillator, External noninvasive Pacemaker, NICU, Laparoscopic Surgeries, Diabetic Foot Care Clinic and Hypertension Clinic, Wellness Centre for counseling are available. In FY 2016-17, facility of Lithotripsy, Uroflometry & Arthroscopy has been added. Department of Emergency Medicine has been made as a separate unit to provide emergency medical service round the clock to needy patients.
- (E) **Diabetic Clinic & Wellness Centre:** Due to sedentary lifestyle associated with increased incidence of Diabetes, and occupational diseases a Diabetic Clinic and Wellness Centre has been established at NSC and Central Hospital, Singrauli. Here patients are treated and consulted for diabetic foot care, kidney and eye care. Regular counseling for diet, lifestyle and occupational diseases are being done here.

Number of persons consulted at Wellness Centre are 6672. Diet Counseling was done for 494 persons.

- (F) **Physiotherapy and Rehabilitation** are essential and integral part of treatment, specially following Injury and surgery. It has more importance in the mining industry where fitness of the workforce is directly linked with production. There are well equipped Physiotherapy department at NSC, Jayant and Central Hospital, Singrauli. **In 2016-17, a total of 8455 persons** have been treated at the physiotherapy department of both the hospitals.





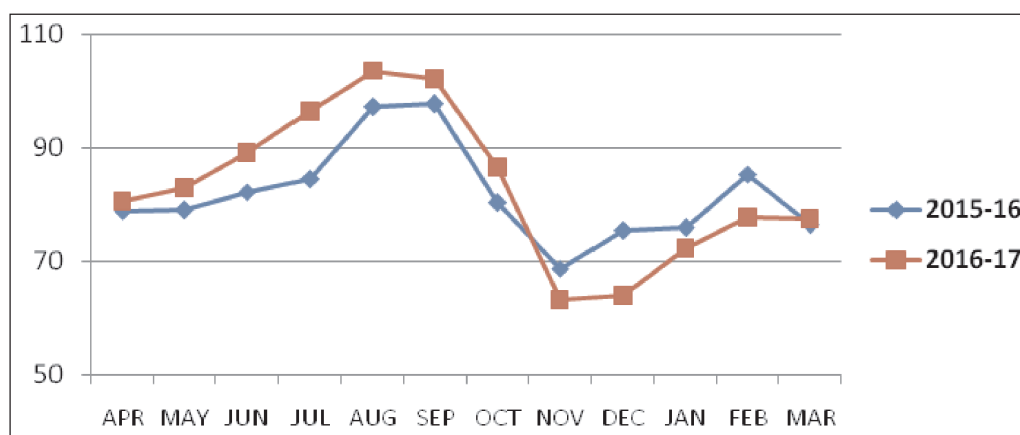
(G) Key performances – OPD and Indoor activities

HOSPITALS OF NCL FOR F.Y.			2015-16	2016-17
NEHRU SHATABDI CHIKITSALAYA	OPD CASES	Entitled	1,41,813	1,51,107
		Non-entitled	43,587	56,058
		TOTAL	1,85,400	2,07,165
	INDOOR ADMISSIONS	Entitled	5,995	6,059
		Non-entitled	9,436	9,178
		TOTAL	15,431	15,237
CENTRAL HOSPITAL SINGRAULI	OPD CASES	Entitled	36,814	41,979
		Non-entitled	8,148	10,166
		TOTAL	44,962	52,145
	INDOOR ADMISSIONS	Entitled	653	715
		Non-entitled	645	671
		TOTAL	1,298	1,386
BINA HOSPITAL	OPD CASES	Entitled	81,690	89,004
		Non-entitled	122	137
		TOTAL	81,812	89,141
	INDOOR ADMISSIONS	Entitled	104	505
		Non-entitled	15	51
		TOTAL	119	556
OTHER DISP ENSARIES	OPD CASES	Entitled	3,09,268	3,07,737
		Non-entitled	3,057	0
		TOTAL	3,12,325	3,07,737
GRAND TOTAL of OPD CASES (all NCL)		6,24,499	6,56,188	
GRAND TOTAL of INDOOR ADMISSIONS (all NCL)			16,848	17,179

% of Entitled & Non-entitled patients at NSC

	OPD		Indoor	
	Entitled	Non-entitled	Entitled	Non-entitled
2015-16	76.5	23.5	38.9	61.1
2016-17	72.9	27.1	39.8	60.2

Month wise Bed Occupancy rate at NSC (of total bed strength of 150): Average 83.5%



(H) Key performances – Routine Surgical Procedures

MAJOR SURGERIES			MINOR SURGERIES		
	2015-16	2016-17		2015-16	2016-17
Gen.Surgery (NSC)	522	680	Gen. Surgery (NSC & CH)	179	179
Orthopedics (NSC)	70	214	Orthopedics (NSC)	91	60
Eye (NSC & CH) & ENT (NSC)	535	521	Eye (NSC) & ENT (NSC)	51	37
Gynae. & Obstetrics (NSC)	1455	1260	Gynae. & Obstetrics (NSC & CH)	77	62
TOTAL	2582	2675	TOTAL	398	338

(I) Key performances - Special Activities

2015-16		2016-17		2015-16		2016-17	
DIALYSIS UNIT				NON INVASIVE CARDIAC LAB			
Hemodialysis	Enrollment -12	Enrollment -22	Echocardiography with Color Doppler	1802	2587		
CAPD	Enrollment -10	Enrollment - 16	TMT	381	642		
RADIOLOGY				HOLTERS	56	79	
CT Scan	1815	1654	Laparoscopic Surgeries	119	163		
MRI	403	490	CCU & NICU (NSC+CH)	(2065+39) 2104	(2199+49) 2248		
USG (NSC+CH)	(9979+1539) 11548	(11295+1632) 12927	Endoscopy	423	386		
BLOOD BANK (Collection/Issue)				2050/1991	2376/2296		

- (J) PME of NCL employees is done at Project dispensaries and Regional hospitals of NCL. IME & PMEs are done as per 11th safety committee recommendation. It was decided that Periodical Medical Examination (PME) should be done for 1/5th of total manpower of NCL. The target for 2016-17 was 3216. Total PME done this year is 4859. Thus achievement for this year is 151%. Previous year against the target of 5449, total PME done was 5623, which was 103% of the target.

Pre-employment IME of contractual workers is being done at Project Dispensaries/ Regional Hospitals. Total 3782 contractual workers' IME/PME were done in 2016-17 (in 2015-16 it was 2342).

- (K) Various conferences of paramedical staffs are organized regularly every year at NSC, Jayant. In 2016-17 a conference of Pharmacists of CIL was organized. Pharmacists of nearby hospitals also participated in the program.
- (L) Continuing Medical Education (CME) programs are regularly organised at NSC, Jayant. Experts from different disciplines of medicine from reputed hospitals of India are invited to deliver lectures and conduct workshops on various latest topics and techniques of medical science. Doctors of NCL also deliver lectures on various topics of medical interest. In the F.Y. 2016-17 total 23 CME programs of 2 hours duration each were organised of which 05 CMEs were conducted by external faculties. During previous financial year this figure was 30.

Waiver of treatment cost of poor patients: A sum of Rs. 4, 63,062.16/- only incurred for treatment of 50 no. of poor patients have been waived off who were treated under CSR policy of NCL in F.Y. 2016-17. In FY 2015-16 the total amount waived off was Rs. 2, 06,923.96/- only for 33 no. of poor patients.

- (M) A centralized Referral and CPRMSE Cell started functioning at NSC, Jayant since 1st July 2013. This cell is clearing the bills of empanelled hospitals of CIL as per CGHS rates and packages where our patients are referred for tertiary care. Claims of OPD/Indoor treatments of retired executives of CIL and their spouses are looked after by this cell. Since its formation, 510 no. of retired executives & 82 no. of retired non-executives have availed the benefits of CPRMSE. Payments are made directly to the empanelled hospitals and to the retired employees by finance department of NSC through RTGS / NEFT.





ANNUAL REPORT 2016-17

(N) Activities undertaken by all hospital & dispensaries under CSR:

NCL regularly organizes various health camps, free of cost for the poor and weaker section of the society living in nearby villages around NCL. The camps were organized throughout the year. In some of these camps renowned Physicians and Surgeons, Plastic surgeons, Oncologists, Nephrologists, Cardiologists, Urologists, ENT Specialist from empanelled hospitals of CIL such as Max hospital, New Delhi, AIMS, Faridabad, Yashoda Hospital, Hyderabad, & Institute like IMS, BHU, Varanasi extended their services to local people of Singrauli. Every Project dispensary is running its own CSR Dispensary where free medical consultation is provided for poor patients in regular OPD.

A Dispensary on Wheels (Mobile Medical Van) regularly visits Birkuniya & Ambedkar Nagar villages near Singrauli. Overall expenditure for the visits in FY 2016-17 was Rs. 2,45,698.82 /- (in F.Y. 2015-16 it was Rs. 2,69,173.97/-).

(O) Details of activities under CSR for current F.Y. are as under.

All the medical camps were organized under CSR in NCL. The number of beneficiaries including those benefitted by visits of 'Dispensary on Wheels' are shown in the first part of table below.

Year	Dispensary on Wheels		CSR - No. of Camps by projects	CSR - No. of Beneficiaries in camps by projects	CSR - No. of Beneficiaries at regular OPD
	Total No of visits	Total No of Beneficiaries			
2015-16	63	1472	58	13414	9860
2016-17	53	1523	57	11869	14385

Camps organised by NSC		
Name of Camp	No of Camps	Beneficiaries
Multidisciplinary Rural Health	8	3881
Eye Camp	1	10
Pain Clinic	1	350
Cardiac (Heart) Disease	4	245
Lifestyle Disease Modification	3	298
Diabetes	1	64
Family Welfare	12	1214
Respiratory	1	42
Orthopedic	4	526
Deafness Reduction	2	153
Kidney Disease	2	139
Dermatology (skin disease)	1	39
Pediatric	2	549
Child Health Awareness	4	496
Thalassemia (Admitted Cases)	-	84
TOTAL	46	8090

(P) Family Welfare: The following data are all inclusive of entitled and non-entitled cases.

	Normal Delivery			Delivery LSCS	IUCD			Tubectomy		
	NSC	Others	Total		NSC	Others	Total	NSC	Others	Total
2015-16	1948	36	1984	1058	36	24	60	438	81	519
2016-17	1902	31	1933	988	272	17	297	392	27	419



- (Q) **National Health Programs:** Govt. sponsored National Health Programs are also running in NCL e.g.
1. Revised National Tuberculosis Control Program (RNTCP)
 2. Integrated Counseling and Testing Center for HIV / AIDS (ICTC)
 3. Universal Program on Immunization
 4. Blindness control Program

RNTCP	2015-16	2016-17
Total Beneficiaries	1012	999
Total Positive Cases	44	74

ICTC	2015	2016	2016-17
Total Beneficiaries	1718 (M: 946, F: 772)	3039 (M: 2412, F: 627)	3225 (M: 2488, F: 737)
Total Positive Cases	07 (M: 03, F: 04)	09 (M: 07, F: 02)	07 (M: 04, F: 03)
Getting ART	07	06	06

12.5 Socio-economic contribution

- (A) The company had already developed six number of rehabilitation sites; 3 in UP State (Rehta, Ambedkar Nagar and Jawahar Nagar) and 3 in MP State (Chandrapur, Nandgaon and Jaitpur). One more new Resettlement site is under construction with necessary civic amenities linked with Block-B Project.
- Out of 4065 families, 3254 numbers of families have been rehabilitated upto 31st March, 2017.
- (B) In 2016-17, total 48 employments have been given against acquired land. and in two cases one time lump sum amount of Rs.1.244 Crores has been paid in lieu of employment.
- (C) **Compensation of Land and House Payment**
- During the year, compensation of 9.89 Hectare of tenancy land and houses is paid. Total amount distributed is Rs. 2.195 Crores.

13. RAJBHASA IMPLEMENTATION (OFFICIAL LANGUAGE POLICY)

- 13.1** Northern Coalfields Limited (a Mini Ratna Company), a subsidiary of Coal India Ltd. is situated in Singrauli and Sonebhadra district of MP and UP respectively. NCL is within the 'A' Zone in view of Rajbhasa so it is compulsory to do 100% official works in Hindi. In this company the Executives/Workers are having the efficiency and knowledge to work in hindi effectively and there is favorable environment to work in hindi.
- 13.2** NCL has achieved significant success in achieving the targets and Rajbhasa Implementation as per the Annual Programme 2016-17 issued by the Government of India, Ministry of Home Affairs, Rajbhasa Deptt., Govt. of India, for 100% implementation of Rajbhasa Rules and Regulation of Rajbhasa Policy. In compliance of the aforesaid annual programme with a view to speed-up works in Rajbhasa a Rajbhasa Workshop was organized. Quarterly meetings of Rajbhasa Implementation Committee were also held.
- 13.3** All the 1260 computers in the company were provided with the facility UNICODE to do the work in Hindi. The website of NCL is bilingual in Hindi & English. Emphasis was laid to ensure 100% implementation of Section 3(3) and Rule-5 and 11 of Rajbhasa Act, 1963. Correspondence with different offices of Central and State Government was done in Hindi.
- 13.4** In high level meetings of the Company such as meetings of Joint Consultative Committee, Welfare Board and Trade Unions, the proceedings were held in Hindi and minutes of the meetings were also issued in Hindi. Libraries of NCL headquarter and projects are enriched with the books/literature of eminent writers.





- 13.5** Keeping with tradition, 'Rajbhasha Pakhwara' was organised from 14th to 28th September, 2016 in which an appeal was issued by Chairman-cum-Managing Director, NCL to do the maximum work in Hindi and to speed-up the Hindi implementation. During the pakhwara, various competitions such as Noting-Drafting, Hindi Typing, Quiz on Rajbhasha Implementation, Extempore Speech etc. were organized for Hindi and Non-Hindi Executives/Workers, and the award in cash and consolation prize were distributed amongst the winners and the participants on the occasion of closing ceremony of Rajbhasha Pakhwara. During Rajbhasha Pakhwara-2016, All India Kavi Sammelan was organized on 24.9.2016 in which for advertisement of Rajbhasha Hindi, motivational poems in Hindi were recited.
- 13.6** Khadia and Block'B' Project were given 1st and 2nd Rajbhasha Shield and appreciation letters respectively, under the Late Shanker Dayal Sharma Memorial Prize Scheme for the best work done in Hindi.
- 13.7** Rajbhasha Implementation Inspection Committee constituted by Competent Authority made an inspection between 6th to 19th April, 2017 about Rajbhasha Implementation and Status of progress. Suggestions were also given by the Committee for speeding up Rajbhasha Implementation.
- 13.8** In the All India Rajbhasha Sangosti organized by Bhartiya Rajbhasha Vikas Sansthan, Dehradun from 9-11 November, 2016 at Ujjain (Madhya Pradesh), the following Executives of NCL were honored:-
- | | | |
|---|---|--------------------------------|
| a) Shri Tapas Kumar Nag, CMD | – | Rajbhasha Shree Samman |
| b) Ms. Shantilata Sahu, Director (Pers) | – | Rajbhasha Kirti Samman |
| c) Shri Rajpal Yadav, GM (P/Rajbhasha) | – | Vishesh Rajbhasha Kirti Samman |
- 13.9** Beside this Shri Chandra Shekhar Tiwari, Chief Manager(Mining)/TS to CMD, Shri Girish Narain, Sr. Manager(P), Khadia Project and Shri P.K. Tripathy, Asst. Manager(Mining), CP Department, NCL (HQ) were also honored with Rajbhasha Vishistha Award.
- 13.10** NCL's monthly magazine 'Khanij Urja' was published in hindi and was distributed.
- 13.11** The Haly Yearly meeting was organized on 24th June, 2016 at NTPC, Bidhyanagar under the Chairmanship of Director (Tech/P&P), NCL in the guidance of CMD, NCL and on 12.12.2016 under the Chairmanship of Chairman-cum-Managing Director, NCL at CMD Conference Hall, NCL (HQ) with the Town Rajbhasha Implementation Committee duly constituted by Regional Implementation Office (Central), Bhopal, Govt. of India, Ministry of Home, Rajbhasha Deptt. to review the progress of Rajbhasha. In the minutes of meeting published in Hindi, directions were given for taking appropriate actions.
- 13.12** As per the unanimous decision taken in the meeting of NARACAS held on 21st Nov. 2014, third addition of the half yearly Magazine 'Manthan' was published with the help of all the offices & members of NARACAS. The magazine was released & distributed in the meeting of NARACAS held on 12.12.2016.
- 13.13** During the year under "Aaj ke Shabd" synonyms of English in Hindi and "thoughts of the day" were also written daily on the Board to develop awareness amongst the executives and workers to work in Hindi.
- 13.14** In the direction of Rajbhasha Implementation, NCL is committed to do 100% works in rajbhasha in its all the offices.

14.0 ACTIVITIES OF VIGILANCE DEPARTMENT

14.1. Vigilance Set-up

- (A) The Vigilance set up at Northern Coalfields Limited is headed by a Chief Vigilance Officer, a director level officer appointed by the Government of India. 10 (Ten) executives belonging to different disciplines assist the CVO in carrying out the activities of the Vigilance Department. Three Senior Personnel Assistants and two clerks are also posted in the Vigilance department.
- (B) Corruption prone areas have been the focus of attention. Any preventive or punitive action in these areas is bound to have a demonstrative as well as multiplier effect on the entire organization.

14.2. Observance of Vigilance Awareness Week 2015

As per the directives of Central Vigilance Commission vide circular no. 016/VGL/030 dated 19/09/2016, Vigilance Awareness Week was observed in Northern Coalfields Limited, Singrauli from 31.10.2016 to





NORTHERN COALFIELDS LIMITED

05.11.2016. During this period, banners and posters were displayed at Prime locations in NCL office and in Singrauli. Shri K.P. Venkateshwar Rao, IPS, IG/CVO, NCL has flagged off for a vigilance run by school children at 8:00 AM on 31.10.2016.

Shri T.K. Nag, CMD, NCL has administered pledge to the executives and staff of NCL HQ at CMD Office premises on 31.10.2016 at 10.30 AM. He read out the message of His excellency President of India, Shri Pranab Mukherjee on the occasion. The message of Hon'ble Vice President of India, Shri Hamid Ansari was read out by Shri Gunadhar Pandey, Director (Tech/Oprn), NCL. The message of Shri Narendra Modi, Prime Minister of India was conveyed to the assembled employees by Shri P.S.R.K. Sastry, Director (F), NCL. Shri K.P. Venkateshwar Rao, IPS, IG/CVO, NCL had conveyed the message of the Central Vigilance Commission to the executives and employees. In a similar fashion, the observance of Vigilance Awareness week-2016 was commenced with the administration of pledge and reading out of messages at different projects of NCL. This year the theme of observing Vigilance Awareness Week was **"Public participation in promoting integrity and eradicating Corruption"**.

The Inaugural day function of the Vigilance Awareness Week-2016 was held at Officers' Club Auditorium on 31.10.2016 at 10:30 AM. Shri R Srikumar, Ex Vigilance Commissioner CVC was the Chief Guest of the function. Shri T.K. Nag, CMD NCL, Ms Shanti Lata Sahu, D(P), Shri Gunadhar Pandey, Director (T/O) NCL, Shri J. L. Singh, Director (T/P&P) and Shri P.S.R.K. Sastry, Director (F) were present on the occasion. The proceedings of the function was started with a welcome song presented by the school children. Shri K.P. Venkateshwar Rao, IPS, IG/CVO, NCL had welcomed the guests and expressed his views on Public participation and promoting integrity and emphasized on transparency in public procurement in NCL. The second phase of COALNET was inaugurated by Chief Guest. Shri T.K. Nag, CMD, NCL, Ms Shanti Lata Sahu, D(P), Shri Gunadhar Pandey, Director (T/O) and Shri J L Singh, Director (T/P&P) and Shri P.S.R.K. Sastry, Director (F) had expressed their views on awareness among employees of the company. The Chief Guest Shri R Srikumar had expressed his views on corruption and said that charity begins at home and therefore if we rectify ourselves and be vigilant, the world will take care of itself.

The Vigilance magazine 2016 "VIG-TECH MARCH" was released by the Chief Guest, CMD, Directors and CVO of NCL. In addition to this one booklet of instruction on "Do's and Don'ts" has also been published and distributed among employees. In bi-monthly NCL magazine "Khanji Urja" special edition on Vigilance was also released.

NCL Vigilance has given **"Vigilance Excellence Award" & "Appreciation Certificate"** to the Executives & employees for exemplary work who have done excellent work in the field of innovative technique to save the company's fund. The details are given below:

(A) Vigilance Excellence Award-2016

- Chief Medical Servicers with his team for exemplary work done by them in CSR activities at NSC, Jayant.
- General Manager (System) with his team for exemplary work done by them in Implementing Coalnet Project.
- General Manager (MM), with his team for exemplary work done by them in Vendor Development
- General Manager (Finance) with his team for exemplary work done by them in Implementing Online Bank Guarantee (BG) confirmation.
- General Manager, Dudhichua Project with his team for exemplary work done by them in Restoration of Railway Track at Dudhichua Project.

(B) Appreciation Certificate: were given to 10 people on this occasion.

An exhibition of the drawing and paintings made by the school children on the issues related to honesty, corruption etc. was held at the same venue. The topic is "Corruption in daily life" The creative outpouring of the children on canvas struck an instantaneous chord with the Chief Guest, executives, staff and others. An essay competition on the topic "Role of public in prevention of corruption" for the students of Class 8 to 12 were organized. A dance/drama/skit competition of maximum 15 minutes duration were also organized for the student of Class VII to XII on the topic of "Public participation to Boycott corruption" Vote of thanks was given by Shri M M Pathak, Chief Manager (MM/Vig) to all guests.





ANNUAL REPORT 2016-17

On this occasion Integrity Pledge has been administered to corporate/firms specially in private sector engaged in NCL to prevent and combat corruption. More than 20 (Twenty) private firms participated in integrity pledge in which more than 1300 employees took the pledge.

As per directives of CVC concept of E-Pledge has been introduced. A link has been provided in the website of NCL (www.nclcil.in) to connect site for Integrity pledge. Citizen pledge was also introduced as per directives of CVC in 02 projects Dudhichua and Khadia in which more than 100 citizens took pledge of integrity.

(C) Various other activities carried out by NCL are as follows:-

- (i) On 31.10.2016, training programs were organized at CETI, in second half on the topic 'Common irregularities in tendering and Preparation of NIT and tendering process' taken by Shri Chanchal Goswami, General Manager, Nigahi Project.
- (ii) On 01.11.2016, training programs was organized at CETI, in first half lectures on the topic of Impact of Integrity Pact in NCL by J.K. Khanna, IPS (Retd.) and Shri Sewa Ram IAS, (Retd.). In this half another session taken on 'Public Premises eviction Act and Contract labour issues' by Shri G P Singh, In charge/Sr. Manager (Legal). On same day in the second half of 01.11.2016 a session on the topic of R & R policy and PAP's in respect of NCL taken by Shri P K Biswal, GM(R&R) and Shri Mukesh Senwar, Sr. Manager (M). Last session on 01 Nov taken by GM (Civil), GM (E&M), GM (Excv) and GM (CMC) on the topic 'Technical evaluation of tenders'.
- (iii) On 02.11.2016 training programs were organized at CETI, in first half 'IT initiatives' taken by Shri K P Venkateshwar Rao, CVO, NCL and in the next session of first half taken by Shri P K Pande, SP, CBI Jabalpur on the topic 'Prevention of Corruption Act'.
- (iv) In the Second half of the same day in the Offices club well known corporate guru Swami Sukhabodhananda Ji delivered a discourse on "Professional values for managers" in fully packed Officers club, NCL head Quarter.
- (v) On 03.11.2016, training programs were organized at Officers club, Singrauli on E-Procurement by Shri Tapan Ray, Technical Director, NIC and on "Disciplinary Proceedings under CDA and Standing orders" taken by Shri Shashi Prakash, Ex CVO, CIL.
- (vi) On the same day in the second half a Meditation programme of "Vipassana" was held to motivate and inspire people to invoke integrity and eradicate corruption by Shri R R Pandit and Shri Arun Sethi in the Officers Club, Head Quarter.
- (vii) On 04.11.2016 in Officers club, Singrauli a Vendors' Meeting was organized in which Shri K P Venkateshwar Rao, IPS, IG/CVO, NCL, Shri T.K. Nag, CMD, NCL, Shri Gunadhar Pandey, Director (T/O) NCL, Shri P.S.R.K. Shastry, Director (F), NCL and Sri J. L. Singh, Director (T/P&P) had delivered their lectures in which more than 80 vendors had attended and expressed their practical problems which were assured to sort out shortly.
- (viii) On same day in second half training session by Shri Mahendra Singh, CMPF Commissioner, on topic CMPF issues in contractual works and Preventive Vigilance lecture taken by Shri S S Prasad, CM(Civil/Vig) and Shri M M Pathak, CM(Excv/Vig).
- (ix) On 05.11.2016 training programs were continued at CETI, a full session taken on Right to Information Act, 2005 by Dr. H S Rana, Principal Director, Institute of Public Administration, to cover all the aspects of the Act.
- (x) 15 outside schools/ Colleges are selected as per directives of CVC for outreach activities (Bina, Ujjain and Robertzganj). Debate and Essay writing competition organized in three Colleges and Two Schools of each city were done during the week.

14.3 Systems Improvement undertaken

Vigilance Department of NCL has taken a no. of initiatives to improve system. Some of the important ones are as follows:



- (i) The circular emphasized on preparation of estimates based on present market rate with properly justified requirements. It was directed that last work order should only be a supportive document for estimation and not the sole criteria. For specialized nature of work, it was specified that the technical specification and the scope of work should be clearly spelt out. Letter for adoption of measures vide no. NCL/SGR/CMD/F-34/2016/66 dated: 19.07.16 issued.
- (ii) The circular emphasized on adherence to preparing proposal related to purchase of reflective boards, sheets, tapes etc. in accordance with the updated rates of the approved DSR rather than IBS rates. The same should be approved by concerned Area General Manager mentioning its use. Circulated rates from Headquarters from time to time may be used for estimation purposes for the items not covered under DSR, if any. Letter for adoption of measures vide no. NCL/DTO/Safety/F-39/16/469 dated: 16.12.16 issued.

14.4 Agreed List & ODI List : Agreed list and ODI list have been prepared.

14.5 Rotation of executives from sensitive posts : Officers working on the sensitive posts are being transferred regularly. 64 No. of executives transferred from sensitive posts in last Financial Year.

14.6 Training Courses conducted in vigilance awareness: In the last financial year 20 training programmes were organized covering 433 executives on the topics like Vigilance Awareness for Engineers and Non engineers personnel and on RTI Act.

14.7 No. of officials suspended : NIL

14.8 Online Registration of complaints : Online complaints can be lodged through the website of NCL @ www.nclcil.in.

14.9 Other IT initiatives under take in NCL are:

(A) E-procurement: E-procurement was launched in the month of Oct'2013. All the projects/units and HQ of NCL are tendering through e-procurement for goods and Works & Services for estimated value of Rs. 2 lacs and above from Feb'2015.

E-procurement based on CIL revised guidelines with provisions for reverse auction for value of tender above Rs. 1 Crore is operative since 22.01.2016. Online Payment and auto refund of EMD has been implemented since 17.02.2016.

A total of 8487 tenders worth Rs. 13810.22 Crores [4305 tenders for goods worth Rs. 5198.17 Crores and 3786 tenders for Works valuing to Rs. 1182.47 Crores and 396 tenders for Services for a value of Rs.7429.58 Crores have been published on e-procurement portal. A total of 3984 tenders amounting to Rs. 8584.23 Crores have been finalized till 31.03.2017

(B) GPS based Vehicle Tracking System for Coal Transportation: GPS based Vehicle Tracking system for Coal Transportation along with RFID system, boom barrier; camera for snapshot and integration with existing weighbridges is being executed and maintained by M/s. Orange Business Systems, Mumbai. 1005 vehicles were fitted with GPS/GPRS-RFID devices and 22 weighbridges have been installed with Boom barrier, RFID reader and Camera for snapshot. Control rooms have been established in all projects. Internet connectivity to all weighbridges have been provided. Movement of coal carrying trucks is monitored through control rooms.

(C) Electronic Surveillance by CCTV: A comprehensive CCTV surveillance system consisting of 550 cameras (237 PTZ, 226 outdoor, 68 Indoor, 19 night vision) have been installed in vital points of different mines & units such as mine entry, Coal stock, weighbridges, diesel filling stations, stores, workshops, CHP etc. This system was executed and is being maintained by M/s Honeywell Automation Limited, Kolkata. Control rooms have been established in all 15 units. All the cameras are connected through LAN and feed are monitored at the control rooms to watch the activities 24x7.

(D) COALNET: COALNET, an ERP package, an integrated application software package developed to integrate business functionalities through collection and dissemination of information across Ministry of Coal, Coal India Limited & its Subsidiaries, Areas, Collieries, is being implemented in two phases by M/s ECIL, Hyderabad. The 1st Phase covering 3 modules namely PIS (Personnel Information System), FIS (Finance





ANNUAL REPORT 2016-17

Information System) and Payroll Modules has been completed for Executives and Non Executives. The 2nd Phase covers implementation of 4 modules i.e. Sales and Production, Materials Management and Maintenance have been developed and deployed. All the modules will be rolled out in different projects in April, 2017.

- (E) **OITDS (Operator Independent Truck Dispatch System):** GPS based OITDS, which monitors the operation of both draglines and shovel-dumper combination on real time basis, is operative in 5 projects namely Jayant, Amlohri, Khadia, Dudhichua & Nigahi. OITDS in Jayant project was executed by M/s CMC Ltd., Kolkata (presently taken over by TCS) and is functional since 2002. In Amlohri, Khadia, Dudhichua & Nigahi projects, OITDS was executed by M/s Leica Geosystems Pvt. Ltd in 2014/15. System tracks the movement of dumpers and monitors operation of Shovels and Dragline and records amount of OB excavated and monitors vital parameters of equipment.
- (F) **Online File Tracking System:** Online File Tracking system has been developed in house by NCL and works in LAN network of NCL. This system is in use since 2013 in NCL HQ and Projects have started to use from Nov'2014.
- (G) **Online Bill tracking system:** Online Bill tracking package has been developed in house by NCL and works in LAN network of NCL. This system is being used in NCL HQ since Jan'2015 and is being implemented in all projects also.
- (H) **WAN:** OFC network from HQ to projects/units was established in 2006 for voice and data communication. In this existing network additional route has been created between HQ and Jayant Project. In addition, radio network has been established and commissioned in Jan'2017 which will act as a backup link. The work was executed by Convergent Wireless Communications Pvt. Ltd, Bangalore. Further, a Fiber based leased network interconnecting HQ with Projects and weighbridges (Road & Rail) will also be established for which Work Order has been issued to RAILTEL. This work is expected to be completed by May, 2017.
- (I) **Biometric Attendance:** NCL has deployed Biometric based attendance system for both Executive & Non-executive employees in NCL HQ, CETI and Central Hospital in Aug'2013. This system was commissioned by M/s Fortuna Impex., Kolkata. This system is presently functional in HQ and it has been planned to implement AADHAR Biometric Attendance System in all project offices & units, for which proposal for Iris based biometric system for all employees of NCL has been approved. Procurement of equipment is under process.

Digitization of land records: Inventory of land record with scanned documents has been created for all lands acquired by NCL. A comprehensive land inventory module has been developed by CIL for monitoring the inventory of land in digitized format. The module is user friendly and the user of the module can view and search all land data and summary report and customized report can also be generated.

- (J) **E-Office:** E-Office is an initiative for office automation that enables electronic movement of files and the archival & retrieval of data. It will digitally manage and process day to day file processing. The e-office, developed by NIC and tested for security, will be implemented in two phases:

Phase-I: E-office will be implemented at NCL with 500 users and 5000 users across Coal India. Formations of Project monitoring Unit (PMU), nominations of nodal officers from each department and initial training have been completed. Assessment for scanners, DSC, PCs, and Printers has been completed. Procurement is under process.

Phase-II: After successful implementation of Phase-I, e-office facility will be extended to Area HQ/Projects/ Other offices of CIL & subsidiaries.

(K) IT Initiatives

The development of all the seven modules of Coalnet an EPR package has been completed. Finance information System(FIS), Personnel Information System(PIS) Payroll modules have been implemented in the 1st phase. The Material Managements(MM), Maintenance Management, Production and Sales modules are being rolled out to the all projects and units of NCL. GPS based OITDS (Operator Independent Truck Dispatch System), is operative in 5 Projects namely Jayant, Amlohri, Khadia, Dudhichua and Nigahi. Online File Tracking system is already in operation.



15.0 COMPUTERIZATION

15.1 Existing Applications / Systems

- Coalnet based Centralized Payroll system for entire NCL.
- Oracle based Online Cash book package at Block – B project
- FoxPro based Data entry and cash accounting package at all other projects
- Consolidation of Cash accounting at HQ
- Coalnet based Personnel Information System for Executives and Non-Executives for entire NCL.
- Surpac Software for Mine Planning and Surveying.
- Integrated Business Solution (IBS), an ERP package, consisting of Materials Management, Maintenance Management, Production Sales and MIS Modules which are going to phase out shortly.
- Operator Independent Truck Despatch System (OITDS) implemented by erstwhile M/s CMC Ltd, Kolkata is functional at Jayant Project.
- Operator Independent Truck Despatch System (OITDS) implemented by M/s Leica Geosystems Pty Ltd, Australia (through its implementing agency M/s Elcome Technology Ltd, Gurgaon) is functional at Amlohri, Khadia, Dudhichua and Nigahi Projects.
- Biometric Based Attendance Recording System at NCL HQ
- Online Vigilance Complaint System, Online Recruitment System through CMPDI.
- Coalnet Phase-I at NCL HQ covering Finance(FIS), Personnel Information System (PIS) & Payroll modules.
- E-Procurement for Goods, Works and Services through NIC
- Oracle based Computer Consumables Information System
- File Tracking and Bill Tracking System

15.2 Infrastructure

- Main Data Center at NCL HQ and Near Data Center at Nigahi comprising of SPARC T-7-2 server and web logic application server.
- RISC Server (1 no) for Payroll & Personnel Information System
- Xeon Servers (14 nos.) for Integrated Business Solution (IBS)
- Sun Storage VTL for Backup System
- PCs: In total 1535 PCs are distributed to different users across NCL.
- FO based Local Area Network (LAN) is functional at NCL Hq and all projects.
- All the LAN of different projects are connected with LAN at HQ through FO cable/Radio Link.
- 10Mbps leased line Internet through BSNL and 20 Mbps leased line through Power Grid Corporation.
- NIC Website updation including restructuring of NCL Website.

15.3 Future Program

- Extension of FIS, PIS and Payroll modules of Coalnet to projects of NCL and roll out of Materials, Maintenance Management, Production and Sales Modules of Coalnet across NCL.
- Upgradation of HQ LAN with Mail Messaging, Proxy and Web Servers
- Implementation of Document Digitization & Document Management System of old records and implementation of e-office at HQ.
- Replacement of Operator Independent Truck Dispatch System (OITDS) at Jayant Project.
- Computerization of Asset registers under FIS module of Coalnet.
- Implementation of CIL based New ERP at NCL.





- Secure Gigabit LAN at all projects / Units of NCL along with hardware and software
- Implementation of Iris Based Aadhar enabled Biometric Attendance recording System at all projects / units
- Development of Apps for transparency through public dissemination of information and mass engagement for dispatch of Coal, quantity of Coal etc.
- Implementation of Fuel management System
- Real-time coal net centric Bill Tracking System
- Implementation of e-Awash

16.0 COMMUNICATION FACILITIES

16.1 NCL has connected all the offices, mines and colony with telephone communication without any barrier. Sufficient channels has been established between HQ and projects/units.

16.2 Wide area network has been established through Optical fiber network between HQ and projects/units for high speed data communication and VOIP.

16.3 Internet facility has been provided in HQ and in all projects/units for the usage of different application.

16.4 IP based telephone exchange is operative in all projects/units of NCL for providing smooth communication for HQ/projects/units office/colony.

16.5 Mobile facility has been provided to all executive and other essential staffs of the company for the effective communication from remote places as well.

16.6 GPS based vehicle tracking System

M/s Orange business services India Technology pvt. Ltd. Mumbai has been implemented the work on rental model for a period of 5 years.

GPS based vehicle tracking system for tracking of the coal transportation vehicles in the mines and vehicles going to the siding. The vehicles to be tracked are fitted with GPS/GPRS devices and RF ID tag to identify the vehicle. The movement of the vehicles are seen through the website. Alert SMS and e-mail are triggered for violations such as route, undue stoppage, geofence, park fence and speed violations. About 1005 vehicle used for coal transportation has been deployed.

All the existing road weighbridges has been integrated with boom barrier, RF ID reader and camera for snapshot for automatic challan preparation without human interference.

This helps in prevent the pilferage of coal.

16.7 CCTV Surveillance System

The work order for the work was awarded to M/s. Honeywell automation Ltd. Kolkata.

NCL has introduced CCTV surveillance system comprising of 500 IP based cameras that has been installed in vital locations of mines such as mine entry, exit, stores, weigh bridges, CHP, Coal yard, workshops, diesel filling stations, barriers and etc., at different projects / units of NCL. This system helps in prevent the theft of materials and to monitor all the activities of mines.

16.8 Optical Fiber Network

The existing optical fiber cable network in NCL is laid between HQ/projects/ units for voice and data communication.

16.9 Systems introduced during 2016-17

(A) Radio Network:

IP based radio network has been established between HQ and projects/ unit at a cost of Rs. 2.68 Crores as an alternate media for voice and data communication with minimum bandwidth of 50 Mbps uplink and downlink per site. This IP Based radio connectivity automatically take over during the failure of optical fiber cable.



(B) WAN network:

A work order has been placed on M/s. Railtel Corporation of India Ltd for establishing alternate connectivity through optical fiber cable between HQ and projects/units and projects to all weighbridges through optical fiber cable and radio backup link at an order value of Rs. 14.5 Crores.

17.0 CORPORATE SOCIAL RESPONSIBILITY

Details of CSR Policy, overview of CSR activities and Annual Report on CSR Activities required u/s 134(3) of the Companies Act 2013 read with Rule 8(1) of Companies (CSR Policy) Rules 2014 are enclosed as **Annexure –VI**.

18.0 SUSTAINABLE DEVELOPMENT / MOU ACTIVITY OF NCL DURING 2016-17

- 18.1** Sustainable development and CSR Committee of NCL has been re-constituted by NCL Board comprising of two part time non-official Directors and four Functional Directors.
- 18.2** A three year project for Eco-Restoration work and Bio Diversity Development in 10 hectares of degraded land (5 hectares each at Krishnashila and Nigahi Projects of NCL) was awarded to Forest Research Institute, Dehradun in 2014-15. The Eco-Restoration work and Bio Diversity Development of above sites is completed. Final report from FRI is awaited.
- 18.3** A scheme to develop Model Eco Park at Mudwani Dam has been agreed by NCL in consultation with District Authority. A fund of Rs. 4.00 crores was allotted for the same in 2015-16. Estimate has been prepared by Jayant Project and it is in process for approval.
- 18.4** Tender for Carbon Foot Print study was floated on 30th August 2016. However none of the bidders technically qualified the eligibility criteria as per NIT. Re-tender was done on 08th March 2017 and the same was opened on 30th March 2017.
- 18.5** ISO Training Program on IMS (ISO: 14001, ISO 9001, OHSAS: 18001 & SA: 8000) was organized at CETI, Singrauli. 41 executives were trained in the three day training program from 10.01.2017 to 12.01.2017.
- 18.6** Two nos 1 day training programs on Waste Management were organized at CETI, Singrauli and Dudhichua Project. 60 executives attended the same.
- 18.7** Against the target of 10000 trees plantation for FY 2016-17 in villages/colonies/surrounding areas, 15000 saplings have been planted.

19.1 Information in regard to Energy Conservation, Technology Absorption and Foreign Exchange Earning & Outgo & Particulars of employees:

Information in accordance with the provisions of Section 134 (3) of the Companies Act. 2013 read with Rule (8) of the Companies (Accounts) Rules, 2014 regarding Conservation of Energy, Technology Absorption and Foreign Exchange Earnings & Outgo is given in **Annexure-II** to this report.

19.2 PARTICULARS OF EMPLOYEES

There was no employee of the Company who received remuneration in excess of the limit prescribed U/s 134 of the Companies Act, 2013 read with Rule 5(20) and (3) of the Companies (Appointment and Remuneration of Managerial Personnel) Rules, 2014. The report, in the prescribed format is given in **Annexure-X**.

20.0 AUDITORS

- 20.1** The Statutory and Branch Auditors appointed by the Comptroller and Auditor General (CAG) of India for the year 2016-17 vide letter No./CA.V/COY/CENTRAL GOVERNMENT, NCFL(3)/422 dated 15.07.2016 under Section 139 of the Companies Act, 2013, along with remuneration as fixed by the NCL Board in their 210th meeting in exercise of powers conferred by the Company in 17th Annual General Meeting held on 23rd September, 2002, pursuant to provisions of Section 142 of the Companies Act, 2013) is given hereunder:-





Name of the Audit Firm	Status	Audit Fees Recommended (including reporting on Internal Financial Control)	TA & Out of Pocket Expenses	Reimbursement of Service Tax
M/s. P. L. Tandon & Co., Chartered Accountants, Kanpur.	Main/ Statutory Auditor	Rs. 7,38,282.00	At actual subject to the limit of Rs. 3,69,141.00	At actual.
M/s. B.C.P. Jain & Co., Chartered Accountants, Bhopal.	Branch Auditor	Rs. 2,70,704.00	At actual subject to the limit of Rs. 1,35,352.00	At actual.
M/s. Vinay Kumar & Co., Chartered Accountants, Allahabad	Branch Auditor	Rs. 2,70,704.00	At actual subject to the limit of Rs. 1,35,352.00	At actual.

20.2 Shri Krupesh Mankodi, Practicing Company Secretary, Jabalpur was appointed as a Secretarial Auditor by NCL Board in its 214th Meeting held on 13.4.2017 vide Item No.214/C-11 in terms of Section 204 of the Companies Act, 2013 to conduct Secretarial Audit of NCL for the Financial Year 2016-17 at a total remuneration of Rs.One lac only plus applicable taxes, actual reimbursement of out of pocket expenses, To and Fro Air/Train fare plus local conveyance and lodging and boarding expenses. The Secretarial Audit Report in the prescribed Form MR-3 is enclosed as **Annexure-IV**. The Comments of the Secretarial Auditors and the reply of the Management is enclosed as **Annexure-IV(a)**.

20.3 Pursuant to the directions of Central Government for audit of Cost Accounts, the proposal for appointment of 3 Firms of Cost Accountants as Cost Auditors for auditing the cost accounts of NCL for the year ended 31st March, 2017 was intimated through Form CRA 2 to the Central Government and they have accordingly been appointed.

The particulars of Cost Auditors as required under Section 148 of Companies Act 2013 read with (Cost Record and Audit) Rules, 2014, are given below for the year 2016-17:

Sl. No	Name of the Cost Audit Firm
1	M/s. K.G. & Goyal, (RN 000017) 8, Chitrangupta Nagar, I Imli Phatak, Jaipur-302015
2	M/s Yogesh Chourasia & Associates (RN 000271) R-73, Zone-II, Maharana Pratap Nagar, Bhopal, MP-462011
3	M/s R.M. Bansal & Co. (RN 000022)A-201, Twin Tower, Lakhanpur Kanpur, UP-208024

20.4 The Cost Audit Report for the year 2015-16 has been filed under XBRL mode within due date of filing. The Cost Audit Report for the year 2015-16 contains no qualification or adverse comments. The Cost Audit Report for the year 2016-17 is in process of finalization and will be filed as per scheduled date of filing.

21.0 AUDITORS' REPORT

21.1 Replies of the Management on the observations made in the report of the Statutory Auditors and comments of the Comptroller and Auditor General of India (CAG), as required under section 134 of the Companies Act, 2013 are given in the Addendum forming part of this Report, as **Annexure XI** and annexure to Annual Accounts respectively.

21.2 The Secretarial Auditor did not make any comments/observation in his Report. The Secretarial Audit Report in Form MR-3 is enclosed as **Annexure-IV**

22.0 CORPORATE GOVERNANCE

Corporate Governance provides a principled process and structure through which the objectives of the company, the means of attaining the objectives and system of monitoring performance are set. It clearly speaks of relationship between Company's Management, its Board, its shareholders and other stake holders. The main objective of corporate governance is to enhance and maximize shareholders value and protect the interest of





NORTHERN COALFIELDS LIMITED

the other stakeholders like customers, employees and society at large in order to build an environment of trust and confidence amongst all the constituents.

22.1 Company's Philosophy

The philosophy of the company is to ensure transparency, integrity, accountability, confidentiality, control, social responsibility, disclosures and reporting that confirms fully to the laws, regulations and guidelines.

The company has a well-defined policy frame work consisting of the following:

- Code of conduct for Directors and Senior Management personnel.
- Prevention of Insider Trading in dealing with Securities of Coal India Ltd.
- Whistle blower policy of Coal India Ltd.

22.2 Board of Directors

The business of the company is managed by Board of Directors and they are appointed by the President of India. Number of the Directors of the Company and the structure of the Board is decided by the Ministry of Coal, Govt. of India/Shareholders as per the provisions of the Articles of Association. The Directors are not required to hold any qualification shares.

(A) Size of the Board.

The maximum number of Directors as fixed by the Articles of Association is 15 (fifteen) and the present strength of Directors is 10 (Ten), consisting Chairman of the Board, 04 Functional Directors, 02 Official Part-time Directors, and 03 Non Official Part-time Directors against the total strength of 12 members as per constitution of the Board. Besides, one member from NTPC, one member from EC Railways and one from Govt. of MP represent as Permanent Invitees to the Board.

(B) Composition of Board of Directors.

The composition of the Directors as on 31st March, 2017 is as follows:

(i) Whole time Directors

Chairman

Shri T.K.Nag continued to be Chairman-cum-Managing Director, NCL during the year.

(ii) Functional Directors.

- a) Ms. Shantilata Sahu continued to be Director (Personnel), NCL during the year.
- b) Shri Gunadhar Pandey continued to be Director (Technical/Operations), NCL during the year.
- c) Shri P.S.R.K. Sastry continued to be Director (Finance), NCL during the year.
- d) Shri J.L. Singh continued to be Director (Technical/P&P), NCL during the year.

(iii) Part-time Official Directors.

- a) Shri Rajesh Kumar Sinha, Joint Secretary, Ministry of Coal, New Delhi continued to be as Part-time Official Director, NCL Board during the Year.
- b) Shri S.N. Prasad, Director (Marketing), Coal India Ltd., Continued to be as Part-time Official Director on NCL Board,during the Year.

(iv) Part-time Non Official Directors.

- a) Prof. A.K. Agrawal, continued to be as Part-time Non Official Director on NCL Board during the Year.
- b) Shri S.K. Maheshwari, continued to be as Part-time Non Official Director on NCL Board during the Year.
- c) Dr. S.M. Jharwal was appointed as part-time Non-official Director on NCL Board w.e.f 2.2.2017.

(v) Permanent Invitees.

- a) Shri S. K. Mandal, APCCF, Government of MP, Bhopal was appointed as Permanent Invitees, NCL Board w.e.f. 24.8.2016 vice Shri C.P. Rai.
- b) Shri K. K. Sharma, Director (Operations), NTPC Continued to be permanent Invitees, NCL Board whole Year.
- c) Shri B.D.Roy, COM, EC Railways ceased to be permanent invitees w.e.f. 31.1.2017

(C) Number of Board Meetings and Attendance of Directors.

During the year 11 (Eleven) Meetings of the Board of Directors of NCL were held.

Attendance of Directors and Permanent Invitees in Board Meetings:-





ANNUAL REPORT 2016-17

BOARD MEETING NO. AND DATE													
Name of Directors	203 06.4.16 WED SGR	204 26.5.16 THU SGR	205 11.6.16 SAT SGR	206 22.7.16 FRI VNS	207 02.9.16 FRI SGR	208 3.10.16 MON VNS	209 23.11.16 WED NDLS	210 9.1.16 MON SGR	211 3.2.17 FRI SGR	212 24.2.17 FRI VNS	213 9.3.17 THU SGR	Total Attendance	
FUNCTIONAL DIRECTOR													
Shri T.K.Nag, CMD	P	P	P	P	P	P	P	P	P	P	P	11	
Ms. Shantilata Sahu, D(P),	P	P	P	P	P	P	P	P	P	P	P	11	
Shri G. Pandey D(T/Opms)	P	P	P	P	P	P	P	P	P	P	P	11	
Shri P.S.R.K. Sastry, Dir(Fin.)	P	P	P	P	P	P	P	P	P	P	P	11	
Shri J. L Singh, D(T/P&P)	P	P	P	P	P	P	P	P	P	P	P	11.	
PART-TIME OFFICIAL DIRECTOR													
Shri R.K. Sinha	P	P	P	NP	P	P	P	P	NP	P	NP	8	
Shri S.N. Prasad	NP	NP	P	P	P	P	P	P	P	P	P	9	
PART-TIME NON OFFICIAL DIRECTOR													
Prof. A.K. Agrawal	P	P	P	P	P	P	P	P	P	P	P	11	
Shri S.K. Maheshwari	P	P	P	P	P	P	P	NP	P	P	P	10	
Dr. S.M. Jharwal	Appointed as Independent Director w.e.f 02/02/2017.								p	p	p	3	
PERMANENT INVITES													
Shri S.K. Mandal	Appointed on 24.8.2016						P	P	P	NP	P	NP	4
Shri K.K. Sharma	P	P	P	P	P	P	P	P	NP	NP	P	8	
Shri B.D. Roy			NP	NP	P	P	NP	NP	Ceased as Permanent Invitee			2	
Shri C.P. Rai	NP	NP	P	P	Ceased to be permanent invitee							2	
Total attd. in meeting	8	9	11	10	11	12	11	10	9	11	10		

P = Present, NP = Not Present, SGR = Singrauli, VNS = Varanasi, NDLS = New Delhi.



(D) Disclosure of Interest as on 31st March, 2017

No.	Director	Name of the Companies/ Bodies/Corporate/ Firms/Association of Individuals	Nature of Interest or concern/ change in interest or concern	Shareholding	Date on which interest or concern. arose changed
1	Shri T.K.Nag	CIL	Shareholder	400	2010
2	Ms. Shantilata Sahu	Nil	Nil	Nil	Nil
3	Shri Gunadhar Pandey	CIL	Shareholder	400	2010
4	Shri P.S.R.K. Sastry	Nil	Nil	Nil	Nil
5	Shri J.L. Singh	Nil	Nil	Nil	Nil
6	Shri R.K. Sinha	Coal India Limited	Director	Nil	-
7	Shri S.N. Prasad	Coal India Limited	Director	Nil	-
		Mahanadi Coalfields Limited	Director	Nil	-
8	Shri S. K. Maheswari	Shachi Finance and Investment Pvt. Ltd.	Shareholder	15.60%	9.9.16
		Shritrimurti Housing Pvt. Ltd.	Shareholder	26.47%	22.3.06
		Shachi Infra Developers Pvt. Ltd.	Shareholder	35%	4.10.07
		M/s S.K.M & Co.	Partner	75%	7.2.89
9	Prof. A.K. Agrawal	Nil	Nil	Nil	Nil
10	Dr. S.M. Jharwal	Nil	Nil	Nil	Nil

(E) Information placed before the Board Meeting.

Board has complete access to any information within the Company. The information supplied to Board includes:

- (i) Capital and Revenue budgets.
- (ii) Quarterly and Annual Financial results of the Company.
- (iii) Periodic Review of the Performance of the Company.
- (iv) Periodic Review of availability & utilization of Heavy Machines.
- (v) Periodic Report on Compliance of applicable Laws.
- (vi) Annual Report, Directors' Report etc.
- (vii) Minutes of the meeting of Audit Committee and sustainable Development Committee.
- (viii) Award of large contracts / Agreements
- (ix) Disclosure of interest by Directors about Directorship and position occupied by them in other companies.
- (x) Man power budget.
- (xi) Any Other materially important information.

(F) Profile of the Directors.

The Board comprises with members having expertise in their respective field. The detailed resume/ profile of Directors is enclosed as **Annexure-VII**.

(G) Attendance of Directors in Annual General Meeting.

In the 31st Annual General Meeting of Members of NCL held on 5th July, 2016, Chairman-cum-Managing Director, Director (Technical/Operations), Director (Finance), Director(Tech/Proj. & Plng) were present. The other Directors of the NCL Board could not attend the Annual General Meeting.

(H) Attendance of Directors in Extra Ordinary General Meeting.

In the Extra Ordinary General Meeting of NCL held on 12th March, 2017, on the issue of Buyback of Shares of NCL, Chairman-cum-Managing Director, Director (Personnel), Director (Technical/ Operations), Director (Finance), Director(Tech/Proj. & Plng) were present. The other Directors of the NCL Board could not attend the Extra Ordinary General Meeting.





22.3 Audit Committee

In pursuance of the guidelines of Corporate Governance for Central Public Sector Enterprises received from Department of Public Enterprises issued vide office Memorandum No. 18(8)/2005-GM dated 14th May'2010, Board of Directors of NCL constituted the Audit Committee. The primary function of the committee is to assist the Board of Directors in fulfilling its responsibilities by reviewing the financial report, the system of internal control regarding finance and companies auditing, accounting and financial reporting process. The audit committee reviews the report of the internal auditors, meets the statutory auditors and discuss their finding suggestion and other related matter and also reviews major accounting policies followed by the company.

(A) Composition, Names of Members and Chairman of Audit Committee.

In its 211th Meeting held on 3rd February, 2017 vide item No. 211/A-4 reconstituted the Audit Committee as under:

- (1) Shri S.K.Maheshwari, Non-Official Part Time Director, NCL, Chairman
- (2) Prof. A.K.Agrawal, Non-Official Part Time Director, NCL, Member
- (3) Dr. S.M.Jharwal, Non-Official Part Time Director, NCL, Member
- (4) Shri R.K.Sinha, Official Part Time Official Director, NCL, Member
- (5) Shri S.N.Prasad, Official Part Time Official Director, NCL, Member
- (6) Shri Gunadhar Pandey, Director(T/O), NCL, Member

Besides, Director (Personnel), Director (Finance) and Director(Tech,P&P), NCL are also invited to attend and participate in the meetings of the Audit Committee as invitees.

(B) Audit Committee meetings and Attendance

During the Financial Year 2016-17, 10(Ten) meetings of Audit Committee were held and attendance of the Chairman and Members were as under:-

AUDIT COMMITTEE MEETING NO. & DATE

Name of Directors	Designation	79	80	81	82	83	84	85	86	87	88	Total Attendance
		6.4.16 WED SGR	26.5.16 THU SGR	11.6.16 SAT SGR	2.9.16 FRI SGR	3.10.16 MON VNS	22.11.16 TUS DELHI	12.12.16 MON VNS	3.2.17 FRI SGR	24.2.17 FRI VNS	09.3.17 THU SGR	
Sri S.K. Maheshwari	Chairman Member	P	P	P	P	P	P	P	P	P	P	10
Prof. A.K. Agrawal	Member	P	P	P	P	P	P	P	P	P	P	10
Dr. S.M. Jharwal	Member									P	P	2
Sri R.K. Sinha	Member	NP	P	P	P	P	P	NP	NP	P	P	7
Sri S.N. Prasad	Member	NP	NP	P	p	p	NP	NP	NP	p	P	5
Sri G. Pandey	D(T/O)/ Member	P	P	P	P	P	P	P	P	P	P	10
Miss Shantilata Sahu	D (P)/ invitee	P	P	P	P	P	P	P	P	P	P	10
Sri. P.S.R.K. Sastry	D(F)/ invitee	P	P	P	P	P	P	P	P	P	P	10
Sri. J.L. Singh	D(T/P&P)/ invitee	P	P	P	P	p	P	P	P	P	P	10

P = Present, NP = Not Present





NORTHERN COALFIELDS LIMITED

(C) Role/Scope of Audit Committee:

The role of the Audit Committee shall include the following:

- (i) Oversight of the Company's financial reporting process and the disclosure of its financial information to ensure that the financial statement is correct, sufficient and credible.
- (ii) Recommending to the Board the fixation of Audit fees.
- (iii) Approval of payment to statutory auditors for any other services rendered by the statutory auditors.
- (iv) Reviewing the management, the annual financial statements before submission to the Board for approval, with particular reference to:
 - a. Matters required to be included in the Directors' Responsibility statement to be included in the Board's report in terms of clause (2AA) of section 217 of the Companies Act'1956 or Section 134(3)(c) of the Companies Act 2013 (whichever applicable).
 - b. Changes, if any, in accounting policies and practices and reasons for the same;
 - c. Major accounting, entries involving estimates based on the exercise of judgment by management;
 - d. Significant adjustments made in the financial statements arising out of audit findings;
 - e. Compliance with legal requirements relating to financial statements;
 - f. Disclosure of any related party transactions; and
 - g. Qualifications in the draft audit report.
- (v) Reviewing with the management, the quarterly financial statements before submission to the Board for approval.
- (vi) Reviewing with the management, performance of internal auditors and adequacy of the internal control systems.
- (vii) Reviewing the adequacy of the Internal Audit functions, if any including the structure of Internal Audit Department, staffing and seniority of the official heading the Department reporting structure, coverage and frequency of Internal Audit.
- (viii) Discussion with internal auditors and /or auditors any significant finding and follow up there on.
- (ix) Reviewing the findings of any internal investigation by the internal Auditors/Auditors/Agencies into matter where there is suspected fraud or irregularity or a failure of Internal Control Systems of a material nature and reporting the matters to the Board.
- (x) Discussion with Statutory Auditors before the audit committee, about the nature and scope of audit as well as post audit discussion to ascertain any area of concern.
- (xi) To look into the reasons for substantial defaults in the payment to the depositors, debenture holders, shareholders (in case of Non- payment or declared dividends) and creditors.
- (xii) To review the functioning of the Whistle Blower Mechanism.
- (xiii) To review the follow up action on the audit observations of the C&AG Audit.
- (xiv) To review the follow up action taken on the recommendations of Committee on Public Undertakings (COPU) of the Parliament.
- (xv) Provide an open avenue of communication between the independent Auditor, Internal Auditor and the Board of Directors.
- (xvi) Review all related party transactions in the company. For this purpose the Audit Committee may designate a member who shall be responsible for reviewing related party transactions.
- (xvii) Review with the independent Auditor, the co-ordination of audit efforts to assure completeness of coverage, reduction of redundant efforts, and the effective use of all audit resources.
- (xviii) Consider and review the following with the independent Auditor and the Management:
 - (a) The adequacy of Internal controls including computerized information system controls and security, and
 - (b) Related findings and recommendations of the independent Auditor and Internal Auditor, together with the management responses.
- (xix) Consider and review the following with the management, internal Auditors and independent Auditor:





ANNUAL REPORT 2016-17

- (a) Significant finding during the year, including the status of previous audit recommendations.
 - (b) Any difficulties encountered during audit work including any restriction on the scope of activities or access to required information.
 - (xx) Carrying out any other function as is mentioned in the terms of reference of the Audit Committee.
- (D) Terms of reference:**
- The terms of reference of the Audit Committee are in accordance with Section 177 of the Companies Act, 2013 and in accordance with the guidelines on Corporate Governance of CPSEs issued by the Ministry of Heavy Industries and Public Enterprises, Department of Public Enterprises.
- The Terms of reference of Audit Committee will cover all commercial aspects of the organization inter-alia:
- i) Review of financial statement before submission to the Board.
 - ii) Periodical review of internal control system.
 - iii) Review of Government audit and Statutory Auditor's report.
 - iv) Review of operational performance vis-à-vis standard parameters.
 - v) Review of projects and other capital scheme.
 - vi) Review of internal audit findings/observations.
 - vii) Development of a commensurate and effective Internal Audit function.
 - viii) Special studies/investigation of any matter including issues referred by the Board.
- (E) Review of information by Audit Committee.**
- The Audit Committee shall review the following information:
- (i) Management discussion and analysis of financial condition and results of operations;
 - (ii) Statement of related party transactions submitted by management;
 - (iii) Management letters / letters of internal control weaknesses issued by the statutory auditors;
 - (iv) Internal Audit reports relating to internal control weaknesses;
 - (v) The appointment and removal of the Chief Internal Auditor shall be placed before the Audit Committee; and
 - (vi) Certification/declaration of financial statements by the Chief Executive/ Chief Finance Officer.

22.4 Corporate Social Responsibility Committee

Corporate Social Responsibility (CSR) and Sustainability is a company's commitment to its stakeholders to conduct business in an economically, socially and environmentally sustainable manner that is transparent and ethical. Stakeholders include employees, investors, shareholders, customers, business partner, clients, civil society groups, Government and non-governmental organizations, local communities, environment and society at large.

Each CPSEs is required to have a Board level committee headed by either the Chairman and/or Managing Director or an independent Director to oversee the implementation of the CSR and sustainability policies of the company and to assist the Board of Directors to formulate suitable policies and strategies to take these agenda of the company forward in the desired direction as per the guidelines issued by DPE w.e.f 01.04.2013. In terms of the guidelines, CSR & sustainability has been included as a compulsory element under non-financial parameters in MoU.

In line with the guidelines, the Board constituted the CSR & Sustainability Committee earlier and after the introduction of Company's Act, 2013, the CSR Committee was constituted as per the provisions of the Act.

(A) Composition, Name of Members and Chairman of CSR Committee.

The CSR Committee was constituted in 200nd meeting of the Board of Directors of NCL held on 18.12.2015 and now consist of following members and is headed by a non-official part-time Director (Independent Director):

1. Chairman	Prof. A.K. Agrawal	Non-official part-time Director
2. Member	Shri S.K. Maheshwari	Non-official part-time Director
3. Member	Ms Shantilata Sahu	Director (Personnel)
3. Member	Shri Gunadhar Pandey	Director (Technical /Oprn)
4. Member	Shri P.S.R.K. Sastry	Director(Finance)
5. Member	Shri J. L. Singh	Director(Tech/Proj.&Plng)



(B) Meetings and Attendance during the year

Name of Directors	Designation	9 th 25.5.2016	10 th 3.10.2016
Prof. A.K. Agrawal	Independent Director - Chairman	P	P
Shri S.K. Maheshwari	Independent Director	P	P
Ms. Shantilata Sahu	D(P)	P	P
Shri G. Pandey	D(T/O)	P	P
Shri PSRK Sastry	D(F)	P	P
Shri J. L. Singh	D(T/P&P)	P	P

22.5 Nomination and Remuneration Committee

As per the guidelines of DPE, NCL has constituted Remuneration Committee during the year 2015-16 comprising of three Part-time Directors i.e. Nominee Directors and Independent Directors. The Committee is headed by an Independent Director.

(A) Composition, Name of Members and Chairman of Remuneration Committee.

Considering the provisions of Section 178 of the Companies Act, 2013 and Clause 5.1 of Chapter 5 of DPE Guidelines on Corporate Governance, Board in its 202nd meeting held on 1.3.2016 constituted the Nomination and Remuneration Committee:-

1. Shri S.K. Maheshwari, Non-official Part-time Director - Chairman
2. Shri R.K.Sinha, Official Part-time Director - Member
3. Shri S.N. Prasad, Official Part-time Director - Member
4. Prof. A.K. Agrawal, Non-Official Part-time Director - Member

Besides, Director (Personnel) and Director(Finance), NCL are permanent invitees and GM(Personnel/Executive Establishment) and GM(Finance), NCL are the Coordinators.

(B) Meetings and Attendance during the year.

01 meeting was conducted during the year 2016-17.

(C) Meeting and Attendance during the year

Name of Directors	Designation	1 st 11.06.16
Shri S.K. Maheshwari	Independent Director- Chairman	P
Prof. A.K. Agrawal	Independent Director - Member	P
Shri R.K. Sinha	Director – Member	P
Shri S.N. Prasad	Director – Member	P
Ms. Shantilata Sahu	D(P)/ Invitee	P
Shri PSRK Sastry	D(F)/ Invitee	P

22.6 Risk Management Committee

The Risk Management Committee is functioning, pursuant to the guidelines on Corporate Governance issued by the Department of Public Enterprises and Section 134 of the Companies Act, 2013. Required procedures were laid down to inform the board members about the risk assurance and minimization procedures and for review by the Board to ensure the executive management to control risk through means of properly defined frame work.

- (A) The Risk Management Committee was constituted in 204th meeting of the Board of Directors of NCL held on 26.5.16, consisting of following members:





ANNUAL REPORT 2016-17

1. Shri S.K. Maheshwari, Non-official Part-time Director - Chairman
2. Prof. A.K. Agrawal, Non-Official Part-time Director - Member
3. Shri Gunadhar Pandey, D(T/O), NCL. - Member
4. Shri P.S.R.K. Sastry, D(F), NCL. - Member

Sri Sanjay Mishra, GM(CP), NCL, as Chief Risk Officer is the Coordinator of the work related to the Committee as per ERM Policy and Risk Management Charter (Manual) of Coal India Limited.

(B) Meetings and Attendance during the year.

During the year 2016-17, 01 meeting of Risk Management Committee was held and the attendance of the Chairman and Members are as under:-

Name of Directors	Designation	1 st 3.2.2017
Shri S.K. Maheshwari	Independent Director – Chairman	P
Prof. A. K. Agrawal	Independent Director- Member	P
Shri G. Pandey	D(T/O) – Member	P
Shri PSRK Sastry	D(F) - Member	P

22.7 Buyback Committee

In terms of para 6.4 of the guidelines on Capital Restructuring of Central Public Sector Enterprises, issued by the Department of Investment & Public Asset Management, Ministry of Finance, Govt. of India on 27th May, 2016 issued guidelines for every CPSE having net worth of at least Rs.2000 crores and cash and bank balance of over Rs.1000 crores to exercise the option to Buy-back of their shares. To comply with the said guidelines, the Buy Back Committee was formed by NCL Board.

(A) Composition & Name of Chairman & Members.

The Buy Back Committee was constituted in 205th meeting of Board of Director of NCL, held on 11th June, 2016 vide Item No.205/C-4, comprising of following:

1. Shri Tapas Kumar Nag - Chairman-cum-Managing Director
2. Shri S. K. Maheshwari - Independent Director
3. Shri P.S.R.K. Sastry - Director(Finance)
4. Shri P. Lazar, Company Secretary - As the Secretary to the Committee

(B) Meetings and Attendance during the year.

During the year 2016-17, 03 meeting of Buy Back Committee was held and the attendance of the meeting are as under:-

Name of Directors	Designation	1 st 14.3.2017	2 nd 17.3.2017	3 rd 22.3.2017
Shri T.K. Nag	Chairman-cum-Managing Director	P	P	P
Shri S.K. Maheshwari	Independent Director	P	P	P
Shri PSRK Sastry	D(F)	P	P	P

22.8 Other Committees of Board of Directors

There are also Sub Committees which are constituted by the NCL Board from time to time and are not mandatory as per the provision of the Companies Act, 2013 or pursuant to the Corporate Governance guidelines. The details of the committees are as follows:

- i) Empowered Sub Committee – for projects monitoring
- ii) Technical Sub Committee. – for advisory on technical issues.

The meeting of the committees are held as and when required.



22.9 AGM/EGM/Independent Directors Meeting

(A) Annual General Meetings

The details of the Annual General Meeting held during the last three years are as follows:

Details	2014-2015 29 th AGM	2015-16 30 th AGM	2016-17 31 st AGM
Date	17.6.2014	27.06.2015	5 th July, 2016
Time	11.30 A. M.	11.30 A.M	11.00AM
Day	Tuesday	Saturday	Tuesday
Venue	At the Registered office of the company, Singrauli, M.P.	At the Registered office of the company, Singrauli, M.P.	At the Registered office of the company, Singrauli, M.P.
Special Resolution	Nil	Nil	Nil

(B) Extra Ordinary General Meeting

Details	2014-15	2015-16	2016-17
Date	27.03.2015	NIL	12.3.2017
Time	12.30 PM	NIL	11 AM
Day	Friday	NIL	Sunday
Venue	At the Registered office of the company, Singrauli, M.P.	NIL	At the Registered office of the company, Singrauli, M.P.
Special Resolution	Yes	NIL	Yes

(C) Independent Directors Meeting:

No meeting was held by Independent Directors, during current Financial Year 2016-17.

22.10 Remuneration of Directors

All the Directors of the company are appointed by the President of India. The terms and conditions and the remuneration of all full time functional directors are decided by the President of India in terms of Articles of Association of the company / Coal India Limited.

(A) Functional Directors

Remuneration to Functional Directors is paid in accordance with the pay scales determined by the Coal India Ltd and Govt. of India. The details of the remuneration of the Functional Directors of the Company for the Financial Year 2016-17 is given in the Form MGT-9 enclosed as Annexure-V of the Directors Report.

(B) Part-Time Official Directors

No remuneration is paid to the Part-Time Official Directors by NCL who were holding the post at various points of time during the year 2016-17.

(C) Part-Time Non-Official Directors

No remuneration is paid to the Part-Time Non-Official Directors who were holding the post at various point of time during the year 2016-17.

NCL paid the sitting fees to the Part-time Non Official Directors for attending the Board and Committee meetings at the rate fixed by the Coal India Board within the ceiling fixed under the Companies Act, 2013. The details of the sitting fees paid to the Part-Time Non-Official Directors during the year 2016-17 is given in the Form MGT-9 enclosed as Annexure-VI to the Directors Report.

(D) Permanent Invitees

No remuneration is paid by NCL to the permanent invitees to the Board Meeting.

22.11 Statutory Disclosures

As a matter of best practices of Corporate Governance and in compliance of the guidelines of DPE, the following disclosures are made:-





(A) **Materially Significant related party transactions**

The Company has not entered into any materially significant related party transactions with the Directors or the Senior Management Personnel or their relatives for the year ended 31st March 2017 that may have potential conflict of interest of the company at large.

No agenda was placed before the Board meetings held during the year 2016-17 in respect of any contract or arrangement with a related party. The Related Party Disclosure has been given in Note 38 "Additional Notes on Accounts" as point 6(e).

As per related party transactions policy, any transactions between two government companies and transactions between holding company and subsidiary company are exempted.

(B) **Details of compliance of laws by the Company**

The Company is monitoring the compliance of various laws applicable to the Company and the Board has not received any adverse report for non-compliance by the Company, penalty, strictures imposed on the Company by any authority on any matter related to any guidelines issued by Government during the last three financial year is brought to the notice of the Company.

(C) **Access to the Audit Committee as per the Whistle Blower Policy:**

This policy is formulated by Coal India Ltd (the holding company) to provide an opportunity to employees to report to the management instances of unethical behavior, actual or suspected, fraud or violation of the company's code of conduct and to the audit committee.

No person has been denied access to the audit committee as per the whistle blower policy and no cases was reported under whistle blower policy during the year.

(D) **Compliance of the guidelines on Corporate Governance**

The requirements of these guidelines with respect of Board of Directors, Audit Committee, Disclosures, Reports, Code of Conduct etc. are complied with. A certificate from the Company's Statutory Auditor with regard to compliance of conditions of Corporate Governance is annexed to this report as **Annexure-III**. The Two more Independent Directors are yet to be appointed by MOC. NCL has intimated the status of pending appointments of Independent Directors to CIL/MOC. In view of this, the provisions related to Directors both as per the guidelines on Corporate Governance and as per the provisions of Companies Act 2013, could not be complied. Further the functions of Remuneration Committee, training policy etc. are uniformly considered by MOC/CIL.

Quarterly compliance report on compliance of Corporate Governance, in the prescribed format, had been regularly sent to the Under Secretary, Ministry of Coal, Govt. of India, New Delhi. The report are sent to MOC for 1st Quarter, 2nd Quarter, 3rd Quarter and 4th Quarter on 15th July, 2016, 3rd October, 2016, 13th January, 2017 and 11th April, 2017 respectively

(E) **Presidential Directives**

No Presidential Directives was issued by the Central Government to NCL during the financial year 2016-17.

(F) **Details of Expenses incurred**

No report has been received towards expenditure debited in the books of accounts, which are not for the purpose of the Business excluding expenditure on CSR.

No report has been received towards expenses debited which are personal in nature and incurred for the Board of Directors and top management.

Details of administrative office expenses are furnished in the statements of Annual Accounts.

22.12 Means of Communication

The Company communicates with its shareholder through its Annual Report, General Meetings and disclosures through its website, Official journal "NCL Panorama" and publications in the Leading English Newspaper and also in local dailies.



In addition to above, the Annual Report and the quarterly results of the company and other important events were uploaded in the website of the company i.e. www.nclcil.in Information and latest updates and announcements regarding the company can be accessed to the company website. In order to make the general public aware of the achievements of the company, press conference is also being held.

22.13 Audit Qualification

It is always the Company's endeavor to present unqualified financial statement.

Management replies to the Statutory Auditors' observations on the Accounts of the Company for the year ended 31st March 2017 are furnished as Annexure to the Directors' Report. Comments of the Comptroller & Auditor General of India under Companies Act, 2013 on the Accounts of the Company, for the Financial Year ended 31st March 2017, is also annexed.

22.14 Training of Board Members

The Board of Directors were fully briefed on all business related matters, associated risks future strategies etc. of the company.

The Functional Directors are the head of the respective functional areas by virtue of their possessing the requisite expertise and experience. They are aware of the business model of the company as well as the risk profile of the company's business. The part-time directors are also fully aware of the company's business model.

The independent Directors are sponsored for training on Corporate Governance from time to time. All the official directors are sponsored for training both in India and abroad as per the policy of CIL. All the newly appointed Directors of the company are familiarized with the various aspects of the company like the constitution, Vision & Mission statement, core activities, Board procedures, Strategic directions etc..

22.15 Whistle Blower Policy

In order to strengthen the ethical behaviors of the employees of the company and promote the interest of different stake holders, the Whistle Blower Policy of CIL was introduced during the year 2011-12.

This policy is formulated to provide an opportunity to employees to report to the management instances of unethical behavior, actual or suspected, fraud or violation of the company's code of conduct. It is to provide necessary safeguards for protection of employees from reprisals or victimization. However, a disciplinary action against the Whistle Blower which occurs on account of poor job performance or misconduct by the Whistle Blower and which is independent of any disclosure made by the Whistle Blower shall not be protected under this policy.

No report was received from Internal Audit Department about preventing any Whistle Blower approaching the Audit Committee.

22.16 Integrity Pact & IEM

The Company has a Memorandum of Understanding (MOU) with Transparency International India (TII) for implementing an integrity Pact Programme focused on enhancing transparency in its business transactions, contracts and procurement process. Under the MoU, the Company is committed to implement the integrity Pact in all its major procurement and work contract activities. Two Independent External Monitors, being persons of eminence nominated by TII in consultation with the Central Vigilance Commission (CVC), monitor the activities. The Integrity Pact has strengthened the established systems and procedures by creating trust and has the full support of the CVC.

22.17 CEO/CFO Certification

The Chairman-cum-Managing Director and the Director (Finance) of the Company have furnished the "CEO/CFO Certification" for the Year 2016-17 to the Board of Directors of the Company and the matters specified in the Companies Act, 2013, which is placed as addendum to Directors' Report as **Annexure-VIII**.





22.18 Code of Conduct for Directors and Senior Executives

The Code of Conduct for the Directors and Senior Management Personnel of the company has been laid down by the Board, which has been circulated to all the concerned and the same is also hosted in the website of the Company i.e., www.nclcil.in. The Directors and Senior Management Personnel of the Company affirmed compliance with the provisions of the Company's Code of Conduct for the financial year ended 31st March 2017.

22.19 Management Discussion and Analysis Report

In compliance of the guidelines on corporate governance issued by DPE, a brief discussion and analysis by the Management on various topics are compiled in a report which is placed as addendum to Director's Report as **Annexure-I**.

22.20 Compliance of DPE guidelines

DPE issued guidelines/rules/procedures, which are to be followed by every CPSE and in the end of Financial Year, compliance/non-compliance certificate stating the reasons thereof are to be sent to Ministry of Coal by 30th April of the preceding year.

- (A) In line with the above, NCL had timely sent the certificate of compliance/non-compliance to Ministry of Coal on 28th April, 2017 along with details and reasons for non-compliance, if any.
- (B) Exemption was sought from the Secretary, DIPAM for the year 2016-17 from the issue of Bonus shares to the Shareholders of NCL.
- (C) The company had paid the maximum dividend amounting to Rs.1680 crores during the year to the shareholders and implemented the guidelines with regard to payment of the dividend in total.
- (D) The guidelines in respect of splitting of shares are not applicable to NCL as the book value/market value of share is less than 50 times of the face value of Rs.1000 per share.

23.0 OTHER STATUTORY DISCLOSURES

23.1 AVAILABILITY OF ANNUAL ACCOUNTS OF NCL AT HEADQUARTERS OF THE COMPANY

The Annual Accounts of Northern Coalfields Limited for the year 2016-17 will be available at the Headquarters of NCL at Singrauli (MP) for providing information to the Shareholders of Coal India Limited on demand.

23.2 Annual Return

Annual Return is regularly filed with ROC. Annual Return for the year 2015-16 was filed with the Registrar of Companies within the due date extended by the Ministry of Corporate Affairs.

Annual Return for the current year 2016-17 is being filed in Form MGT-7.

Extracts of the Annual Return as required under Section 134(3)(a) of the Companies Act, 2013 read with Rule 12(1) of the Companies (Management and Administration) Rules, 2014 in Form No. MGT-9 is enclosed as **Annexure-V**.

23.3 Declaration of Independent Directors

Declaration given by Independent Director under Section 149(6) of the Companies Act, 2013 that they fulfill the criteria of Independence was taken on record by the Board.

23.4 Loan and Investment by the Company

Company has not given any loan or advance in pursuance of the provisions of the Section 186 of the Companies Act, 2013. Details of loans and investments are stated in the Balance Sheet/Schedule to Balance Sheet of NCL. The details are given at Note Number 7, 8 and 9 to the Balance Sheet of the Company.

23.5 Changes in the Financial Statement after the end of Financial Year

There are no such material changes and commitments affecting the Financial position of the company which have occurred between the end of the Financial Year of the Company to which the financial statements relate and the date of the report.



23.6 Deposits

There are no deposits under Chapter-V of the Companies Act, 2013 as reported in Note Number 20 to the financial statements.

23.7 Court/Tribunal Orders

There is no such order passed by any Courts/Tribunals impacting the Going concern status and companies operation in future.

23.8 Internal Financial Control System

The Company has in place adequate internal financial controls with reference to financial statements. During the year, such controls to make sure that assets are protected and that company activities are conducted in accordance with the organisation's policies and procedures, were tested and no reportable material weakness in the design or operation were observed in the CAG Audit, Statutory Audit and Internal Audit.

23.9 Risk Management Plan

As a part of strategic business policy, due importance is given to the process of risk identification, assessment and mitigation control in different functional areas of the organization. Inherent risk due to external and internal factors is assessed and necessary mitigation control measures are taken through policies and system to manage risk effectively. Risk management policy for CIL and its subsidiaries is being finalized. The Risk Management Policy has been adopted/implemented in NCL. Risk Management Committee is also constituted at NCL.

Management assessment of the Company's Outlook for the future and to Identify Important Risk that the company may face in future are duly considered.

23.10 Disclosure and information under the Sexual Harassment to women at work place (Prevention, Prohibition and Redressal) Act 2013

An Internal Complaint committee has been constituted under the Sexual Harassment of women at workplace (Prevention, Prohibition and Redressal) Act, 2013 and no case has been reported during the year.

23.11 Code of Internal procedures and conduct for prevention of Insider Trading

Coal India Ltd., the holding company, has adopted code of Internal procedures and conduct for prevention of Insider Trading and dealing with securities of Coal India Ltd. with the objective of preventing purchase and / or sale of the shares of CIL by an insider on the basis of unpublished price sensitive information. This code has been adopted by NCL. Under this code insiders are named as designated employees who are prevented to deal in the CIL's shares during the closure of trading window. To deal in securities beyond limit specified, permission of compliance officer is required. All designated employees are also required to disclose related information periodically as defined in the code. Company Secretary has been designated as Compliance officer for this code. The Code of Internal procedures and conduct for prevention of Insider Trading is also uploaded in the website of NCL.

23.12 Accountability of Directors

Memorandum of Understanding (MOU) between the management of NCL and CIL / MoC, Govt. of India is signed before commencement of the ensuing financial year as laid down in the DPE Guidelines. Under this agreement, the company undertakes to achieve the target set in at the beginning of the year and it is intended to evaluate the performance of NCL at the end of the year against the target fixed. It is done by adopting a system of "Five point scale" and "criteria weight" which result in calculation of "composite score". The composite score is forwarded to DPE through CIL and the Administrative Ministry (MoC) for their ratification.

The MoU system enables to perform efficiently as there are a variety of parameters both financial and non-financial (Dynamic, Sectors specific and Enterprise specific parameters). This process helps immensely in fulfillment of the long ranging objectives and overall growth. The entire process also ensures transparency and accountability towards stakeholders.





23.13 Key Managerial Personnel

As per the provisions of Section 203 of the Companies Act 2013, the key Managerial Personnel are:

Shri T.K. Nag	-	Chairman-cum-Managing Director
Shri P.Lazar	-	Company Secretary
Shri P.S.R.K. Sastry	-	Chief Financial Officer

23.14 Annual Evaluation of Board Committee and Directors Performance

As per section 134(3) (p) and Rule 8 of Companies (Accounts) Rules, 2014 in case of a listed company and every other public company having such paid-up share capital of 25 crores or more calculated at the end of the preceding financial year shall include, in the report by its Board of Directors, a statement indicating the manner in which formal annual evaluation has been made by the Board of its own performance and that of its committees and individual Directors.

NCL is registered as a private limited company and not listed with any stock exchange and accordingly the company is not required to evaluate the performance of its Board, Committee and individual Directors.

Further, annual evaluation by the Board of its own performance and that of committees and individual did not take place, in the absence of appointment of two more independent directors on the Board of the Company. However, as per Notification no. F.NO.1/2/2014-CL.V dated 05/06/2015 by the Ministry of Corporate Affairs, Section 134(3)(p) shall not apply in case the directors are evaluated by the Ministry or Department of the Central Government which is administratively in charge of the Company. In case of NCL, performance of Directors is evaluated by the Ministry of Coal which is administratively in charge of the Company.

24.0 PERFORMANCE AGAINST MOU PARAMETERS

The Memorandum of Understanding (MOU) between NCL and CIL for the year 2016-17 has been submitted to Coal India Limited, Kolkata.

25.0 AWARDS

- (A) The Government of India recognized the contribution and relevance of NCL and conferred it with the status of a Mini Ratna (Category-I) in accordance with the provisions of the Department of Public Enterprise's (DPE's) guidelines in 2007. The Department of Public Enterprise's directions provide for grant of enhanced autonomy and delegation of powers to the profit making public sector enterprises (PSEs) as a policy objective, for making the public sector more efficient and competitive. Impressive performance of NCL got reflected in getting excellent MoU rating for the year 2016-17.
- (B) NCL was conferred awards/accolades for its contribution in various areas viz., the prestigious Corporate Vigilance Excellence Award 2016-17" under Mining Sector at the 8th Conclave of Vigilance Officers organized by Institute of Public Enterprises, Hyderabad, "50 Top PSU Organizations with Innovative HR Practices" by Asia Pacific Human Resource Management Congress, Bangalore, "Rajahs- Shree" & "Rajahs Kirti" Samman by Bhartiya Rajbhasa Vikas Sansthan, Dehradun, "Gold Award" (Environment Management) by Greentech Foundation, Hyderabad, "Skoch BSE Award" for Eco restoration of degraded mining land and development of Bio-diversity in 2 Mines (5 Hact. each) from Skoch Group , Mumbai, " R&R Award" as the best subsidiary based on the quantity of land acquired and taken under possession, by Coal India Ltd, 2nd Prize in Environmental management by Coal India Limited and prestigious " BT-CSR award" by Bureaucracy Today, New Delhi for the installation of 38 RO plants of capacity 500-1000 L/Hour in 22 villages of Singrauli and Sonbhadra districts by NCL. Beside these achievements NCL also showed its presence in scientific world by grabbing "Best Poster Display Award" in 6th Coal Summit 2016, New Delhi and "The Best Paper Presentation Award" in International Conference on Emerging Trends in Materials and Manufacturing Engineering, iMME-17 by Indian Welding Society (IWS), Indian Institute of Metals (IIM) and NIT Trichy.





“Corporate Vigilance Excellence Award 2016-17” under Mining Sector at the 8th Conclave of Vigilance Officers organized by Institute of Public Enterprises, Hyderabad



“50 Top PSU Organizations with Innovative HR Practices” by Asia Pacific Human Resource Management Congress, Bangalore



“Rajbhasa Shree” & “Rajbhasa Kirti” Samman by Bhartiya Rajbhasa Vikas Sansthan, Dehradun





“ BT-CSR award” by Bureaucracy Today, New Delhi for the installation of 38 RO plants of capacity 500-1000 L/Hour in 22 villages of Singrauli and Sonbhadra districts by NCL



“Best Poster Display Award” in 6th Coal Summit 2016, New Delhi



Shri Hemant Sindhvani, Assistant Manager (Finance, Corporate Taxation) of Northern coalfields Limited receiving the CA Professional Achiever Public sector Award-2016 award from Shri K.Pandiarajan, Hon'ble Minister for School Education, Sports and Youth Welfare, Govt. of Tamil Nadu in the presence of Shri Devaraja Reddy, President, ICAI and Shri G.Sekar, Chairman, ICAI, in a function held at KamrajArangam, Chennai.





NORTHERN COALFIELDS LIMITED

26.0 Director responsibility statement

Pursuant to section 134(5) of the Companies Act, 2013, it is hereby confirmed:

- i) that in the preparation of the annual accounts for the financial year ended 31st March, 2017, the applicable accounting standards had been followed along with proper explanation relating to material departures;
- ii) that the Directors had selected such accounting policies and applied them consistently and made judgments and estimates that are reasonable and prudent so as to give a true and fair view of the state of affairs of the Company at the end of the financial year and of the profit or loss of the Company for that period;
- iii) that the Directors had taken proper and sufficient care for the maintenance of adequate accounting records in accordance with the provisions of this Act for safeguarding the assets of the Company and for preventing and detecting fraud and other irregularities;
- iv) that the Directors had prepared the annual accounts for the financial year ended 31st March, 2017, on a going concern basis.
- v) that the Directors had laid down internal financial control to be followed by the Company and that such Internal Financial Control are adequate and operating effectively.
- vi) that the Directors had devised proper systems to ensure compliance with the provisions of all applicable laws and that such systems were adequate and operating effectively.

27.0 ACKNOWLEDGEMENT

- 27.1 The Board of Directors placed on record their deep gratitude for the continued support and valuable guidance received from Ministry of Coal and Coal India Ltd. The Directors also acknowledge with thanks the co-operation and help extended by different wings of Govt. of India particularly Ministry of Environment & Forest and Ministry of Finance, as well as from NITI Aayog, Director General of Mines Safety, Comptroller & Auditor General of India, Chairman and Members of Audit Board, Statutory Auditors, Registrar of Companies, State Governments of MP and UP and Local Administrative Authorities.
- 27.2 The Directors are also thankful to the valued customers particularly NTPC and UPRVUNL and Bankers, Contractors and Suppliers for the valuable assistance and help received from them.
- 27.3 The Directors are thankful to the Statutory Auditors M/s P.L. Tandon & Co for their valuable guidance in preparing the final accounts and the important matters. The Directors also place on record the services and suggestions given by the Internal Auditors in improving the performance.
- 27.4 The Directors wish to place on record their appreciation for the commitment, devotion and hard work put in by the employees at all levels and the Trade Unions.

For and on behalf of the Board of Directors
Sd/-

(Tapas Kumar Nag)

Chairman-cum-Managing Director

Date 26 May, 2017

Place: Varanasi.

List of addendum

- I - Management Discussion and Analysis Report
- II - Conservation of Energy, Technology Absorption and Foreign Exchange Earnings & Outgo.
- III - Corporate Governance certificate
- IV - Secretarial Audit Report – MR-3
- V - Extract of Annual Return (MGT-9)
- VI - Annual Report of CSR
- VII - Profile of Directors
- VIII - CEO and CFO certification
- IX - Contracts or Arrangements with related parties U/s 188(1) in Form AOC-2
- X - Information and details of Remuneration etc. of Managerial Personnel.(Rule 5(2) of the Companies Act, 2013 read with Companies (Appointment and Remuneration of Managerial Personnel) Rules 2014).
- XI - Management Reply to Statutory Auditors report.





ANNEXURE- I TO DIRECTOR'S REPORT Report on Management Discussion and Analysis

1. Industry Structure & Development

Prior to 1971, private mines contributed about 74% of country's coal production. Nationalization and re-structuring of coal sector was done in early seventies in phases. First of all the coking coal mines were taken over on 16th Oct 1971 barring the captive mines of TISCO & IISCO. The taken over mines were nationalized on 1st May 1972 and Bharat Coking Coal Ltd (BCCL) was formed. Subsequently in 1973 all other coal mines including those belonging to NCDC were brought under nationalized sector naming it as Coal Mines Authority Ltd (CMAL). Thus the mines of Singrauli Coalfield belonging to erstwhile NCDC were also taken over by CMAL in 1973.

In November 1975, Coal India Ltd (CIL) was formed and all the mines nationalized in 1971 and 1973 were put under administrative control of CIL which had 5 subsidiary companies viz. Eastern Coalfields Ltd (ECL), Bharat Coking Coal Ltd (BCCL), Central Coalfields Ltd (CCL), Western Coalfields Ltd (WCL) and Central Mine Planning & Design Institute Ltd (CMPDIL). All these subsidiary companies were managed by independent company Boards. CCL and WCL were re-organized once again in 1985-86 thereby coal producing subsidiary companies viz. South Eastern Coalfields Ltd (SECL) and Northern Coalfields Ltd (NCL) were formed. SECL was further bifurcated to form another subsidiary of CIL viz. Mahanadi Coalfields Ltd (MCL). NCL is a *Mini Ratna* Company since 2007.

Systematic coal mining in Singrauli Coalfield was started in 1964 by erstwhile NCDC. The Jhingurdah OCP was the first mine which started producing coal from 1966-67. Singrauli coalfield was under command area of NCDC during 1962-73, thereafter under CMAL upto 1975 and then under CCL from 1975 to 1985. With the formation of NCL in 1985, Singrauli Coalfield came under command of NCL with its Headquarter at Singrauli.

The coalfield has been geologically divided into two parts namely (i) Main Basin with an area of 1890 sq. km. and (ii) Moher Sub-basin with an area of 312 sq. km. All the coal mining operations of NCL are at present concentrated in Moher Sub-basin through 10 number opencast mines. Except for Moher & Moher-Amlohri Extension Coal Blocks allocated to Sasan Power Ltd, all the coal blocks in Moher Sub-basin and 11 number coal blocks in Main Basin are retained with NCL as CIL Blocks. Coal production from NCL increased from 13.60 Mt in 1986-87 to 84.10 Mt in 2016-17 and it is planned to achieve 110 Mt in 2019-20. About 90% of coal is dispatched to Power Sector.

2. Objectives:

- i) To carry on the business of coal mining including the management of the coal mines on behalf of and under the directions of Coal India Ltd.
- ii) To mine, query, beneficiate coal and other by-products and to install operate and management all necessary plants, mines, establishment, works etc. for this purpose.
- iii) To carry on any of the business of coal washeries/beneficiation and to deal in other by-products arising from them.
- iv) To search, get, work, raise, make merchantable, sell and deal in coal and by-products.
- v) To act as colliery and mine proprietors and to act as traders and carrier of coal.
- vi) To reorganize and re-construct any coal mines and to takeover charge of management of such mines to operate them on sound commercial principles in order to ensure rational and coordinated development of coal production and to ensure optimum utilization of capacity and various projects.
- vii) To plan and organize production of coal as also its beneficiation and the by-product of coal in accordance to the target and the economic policy of the Government.
- viii) To finance, replacement expenditure and repayment of loans if any from its own internal resources and to pull out back in the plan expenditure on new projects with due regard to its obligation to pay a reasonable dividend.
- ix) To develop technical know-how in coal mining and coal beneficiation and undertake applied research and development relating to exploitation of coal deposits as well as utilization of coal so that dependence on foreign technical collaboration is eliminated.



- x) To optimize generation of internal resources by improving productivity of resources, preventing wastage and to mobilize adequate external resources to meet investment need.
- xi) To promote, co-ordinate and ensure effectiveness of research activities in coal section under S&T and R&D schemes.
- xii) To undertake formulation of Environmental Management Plans (EMPs), Environment Impact Assessment (EIA) and Mine Closure Plans for coal mining and related projects by NCL/through CMPDIL..
- xiii) To produce coal with due regard to Safety, conservation and quality.
- xiv) To satisfy consumers with the best quality product at the right price at the right time.

3. Functions:

- i. Production of Coal -** Production of coal is the main function and the Company is producing coal through open cast coal mines.
- ii. Production of washed coal –**
In NCL, there is one Deshaling Plant, established at Bina Projects for supplying washed coal to power plants.
- iii. Meeting requirement of coal to power plants & other Industries–**
NCL production about 90% of coal is dispatched to Power Sectors and the balance quantity of coal is dispatched to consumers like Cement Industries, Aluminum Industries etc.
- iv. Environmental Management services**
NCL has well defined & documented Manual, policy, procedures and guidelines for sustainable development under its integrated Management system (IMS) complying with international standards of ISO 9001:2008, ISO 14001:2004 and OHSAS 18001:2007. NCL obtains forest clearances to the Projects from the Govt. of India and State Governments. NCL undertakes compensatory afforestation in lieu of the diverted forest land for mining and biological reclamation are being carried out through plantations. The Company takes necessary steps for air, water and noise pollution control measures.
- v. System services.**
Under the IT activities, Seven modules of Coalnet an ERP package are used in NCL. Financial Information System (FIS), Personnel Information System(PIS), Payroll modules are satisfactorily working. Material Management(MM), Maintenance Management, Production and Sales modules are being rolled out to all projects and units of NCL. GPS based OITDS is operative in 5 projects of NCL. Online file tracking is also in operation.
- vi. Human Resource development.**
NCL followed the concept of workers participation in management and maintains cordial industrial relations and also pays due attention on employees welfare and social amenities. NCL has a Central Excavation Training Institute (CETI) at Singrauli and nine Vocational Training Centers (VTCs) in different projects. Need based training is provided to Workmen, Operators, Supervisors and front line Managers. Employees of the Company are also sponsored for training to reputed professional Institutes in India and Abroad.
- vii. Land acquisition and R&R.**
The company develops rehabilitation sites for development for resettlement of Project Affected Persons (PAPs) with necessary civic amenities linked with Projects.

4. Strength, Weakness

Strengths:

- i. Huge Reserves of Power Grade Coal (about 7 Bt. with NCL) and linkage with Mega Pithead Power Plants. About 82% of coal dispatch is to pithead consumers. Expansion in capacity of linked plants and other upcoming plants in Singrauli area. Total thermal power generation in Singrauli is expected to be 35000 MW by the end of 2019-20.
- ii. Dedicated evacuation through MGR/Belt Pipe Conveyor. Katni-Chopan Rail link passes from the coalfield and doubling of track has been planned by Railways.
- iii. Large capacity coal handling plants (Existing/planned) with facility of Rapid Loading System through Silo at all the mines.





ANNUAL REPORT 2016-17

- iv. Potentiality of mining of coal reserves by opencast method leading to mechanized bulk production at competitive rates. Gentle gradient of coal seams allowing deployment of Draglines which are most cost effective in operation.

Weakness:

- i. Increasing depth of coal reserves adding to cost per tonne.
- ii. Low grade of coal suitable for power generation only.
- iii. Main basin reserves under protected forests where detailed exploration is yet to be completed.
- iv. Poor connectivity of Singrauli with major cities.

5. Opportunity and Threats

Opportunity:

- i. By virtue of its location NCL can alter supply of coal to upcountry an western power houses at lower transportation cost.
- ii. Assured supply of crushed coal to consumers from Coal Handling Plants attached with each project.
- iii. Sufficient cash reserves for expansion of New projects and for allied activities.

Threats:

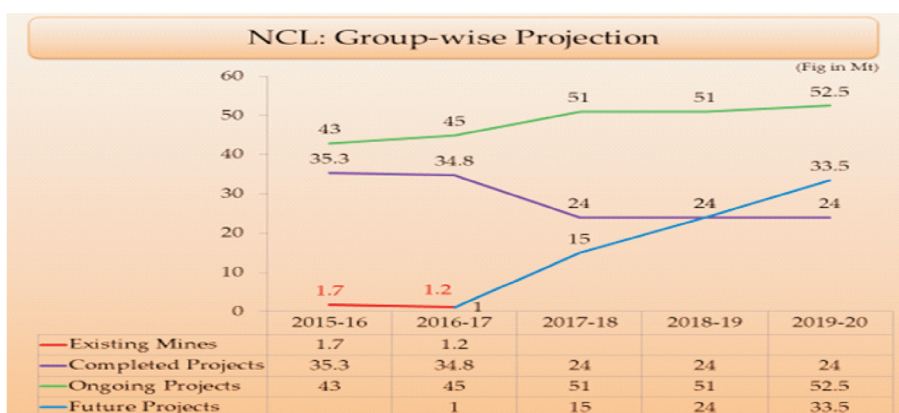
- i. Delay in doubling of Rail line from Garhwa to Singrauli and Singrauli to Katni section may restrict production & dispatch of coal.
- ii. Proximity of power houses and stringent NGT stipulations.
- iii. Declaration of eco-sensitive zones by Govt. (where mining will not be allowed).
- iv. High cost of Land acquisition, rehabilitation and resettlement.
- v. Worldwide technological up gradation in renewable energy may reduce demand of coal in near future.
- vi. With the permission of commercial coal mining by the Regulator to new entrants, the company may face stiff competition.

6. Segment-wise Operations

The Coal production is the only segment of business of NCL and is the third largest coal producing subsidiary of CIL. NCL handles largest composite volume (coal production & overburden removal) among all the CIL subsidiaries. The detailed disclosure is given at Note 38 point number 6(c).

7. Outlook

NCL posted growth of 4.83% in coal production in 2016-17 and has planned for 110 Mt coal production in 2019-20 at CAGR of 6.94% during the period from 2016-17 to 2019-20. Majority of production growth is projected from future projects in NCL's contribution to 1 Bt Plan of Coal India Ltd.



NCL is continuously striving for highly mechanized mines with large capacity HEMMs. Singrauli coalfield has no operating underground mine, however, it is proposed to develop high capacity underground mines in Main Basin of Singrauli coalfield by NCL with mass production technology.



8. Risks & Concerns

- i. About 50% coal reserve fall under forest cover. Declaration of Eco-sensitive Zones in excess of present ruling of 10 km radius may pose risk of sterilization of reserves.
- ii. Singrauli Town is situated over opencast able coal reserves and non-rehabilitation of the town will sterilize financially viable reserves.
- iii. Incremental OB removal of expansion projects is planned with outsourcing and implementation of contracts involves risks of success.
- iv. High cost of R&R for land to be acquired in wake of the provisions of RFCTLARR Act 2013 may make new/expansion projects unviable especially due to demand of employment by PAFs.

9. INTERNAL CONTROL SYSTEMS

A robust and efficient internal control system is in NCL and is adequate, commensurate with the size and magnitude of operations. Internal audit department functions under the control of CMD, NCL having independence from all the operational and transactional activities to oversee the problem areas and bring the same before the top management.

The department houses multi-disciplined personnel in line with the objective of the internal control. The department conducts audit of various operational as well as transactional activities and brings the discrepancies, if any, before the higher management for timely decision and direction so that fraud and risk is eliminated. A system of "transaction audit" by outside Audit firms is in operation throughout the year in the direction of fulfilling the statutory requirement as well as the objective of corporate governance. There is a well-defined scope, formulated and regulated by CIL, covering all the facets of the operation of the organisation for internal audit jobs.

The observation in the internal audit reports of Internal auditors are studied at project as well as headquarter level both in internal audit department and concerned functional department for taking corrective actions. For achieving the objective of strengthening the internal financial control and also for meeting the statutory provision, physical verification of stores/spares and fixed assets are conducted by the outside audit firms on annual basis. The observations of the audit firms are properly taken care of and discussed with the project officials by conducting meeting with them and steps are taken for timely correction of discrepancies.

The inspection reports of CAG form part of our measures for strengthening the internal control system. The observations of the CAG are replied on regular basis. The observations are well taken care of for taking remedial measures whenever considered necessary. There is a system in place of discussion with CAG during the course of audit and also thereafter for redressal of the audit issues. The system is very effective and internal audit department plays a pivotal role in bringing the functional departments and CAG together for smooth redressal of audit issues.

The Internal Audit Department plays a crucial role as far as Corporate Governance is concerned. The reports of the Internal Auditors are placed before the Audit Committee of NCL for discussion. The decisions arising from the discussion are properly taken care of by placing the action taken report. Audit Committee Meeting is conducted for discussion with the Internal Auditors to ascertain the efficacy of the audit process and its effectiveness.

A Cost Control Unit was set up in NCL on 12th May, 2015 to function under Internal Audit Department for improvement in financial scenarios. Cost Control Unit set up in NCL as per the provision of MOU, has brought in place a system of regular discussion amongst functional departments on cost control measures. Continuous monitoring has resulted into control on deployment against overtime and Sunday. This has also created an awareness of the cost aspects.

10. Discussion on Financial performance with respect to Operational Performance.

Operational practices have been seen as a way to improve operational performance and ultimately financial performance. Results of NCL support the existence of a positive relationship with financial performance. A positive relationship of outsourcing with both profitability and growth was found. Some interactions between practices and performance were also significant, indicating that the effect of practices on performance might be context dependent.

Financial performance is an elusive dependent variable being affected by multiple variables simultaneously and some operational practices may deliver positive outcomes in some settings, but negative outcomes in others.





As a management philosophy, Operational Practices, integrates with a series of practices emphasizing continued improvement, meeting consumer expectations and needs, reducing re-work, long-term planning, redesigning processes, competitive benchmarking, teamwork, constant results measurement, and a close relationship with suppliers. It is also a fact that the effect of ties between quality practices and organizational performance on Financial performance are mixed. There is a positive connection expected between quality and performance, but this relationship is not always direct.

Outsourcing, as reliance on a certain outside source or value-added activities, is a critical element of organizational strategy, as a powerful vehicle to reduce costs and improve performance.

In general terms, it is found that there is a positive relationship between operational practices and financial performance (growth and profitability) and this will not support the notion that the practices can drive superior performance, or even create competitive edge-generating competencies. Size, used as a control variable, proved to have a positive relationship on both profitability and growth. NCL is constantly striving to improve its operations performance on utilization of Man, Machines and Materials to their full capacity and also maximum utilization of the resources with their availability for services.

11. Material Development in Human resources, Industrial Relation front, including number of employees.

NCL as a public sector undertaking company. NCL provides continuous training and development opportunities to its employees, middle and senior management executives, other level officers and management trainees. In addition, company also arranges external training programs and international training sessions outside India.

Harmonious relationship is necessary for both employers and employees to safeguard the interests of both the parties of the production.

Industrial Relations in our Company continued to be highly cordial and harmonious. The participative way of functioning of management facilitates settling the disputes/grievances amicably through discussions, which in turn has resulted in maintaining over all healthy ethos of relations.

12. Environmental protection and conservation, Technological conservation, Renewable energy developments, Foreign Exchange Conservation.

NCL has well defined & documented Manual, policy, procedures and guidelines for sustainable development under its integrated Management system (IMS) complying with international standards of ISO 9001:2008, ISO 14001:2004 and OHSAS 18001:2007.

NCL has voluntarily chosen to implement a comprehensive system for simultaneous management of our economic, environmental, and social concerns as a part of our business agenda.

NCL is keen on technology conservation and steps have been taken for development of renewable energy in line with the guidelines issued by Govt. of India. NCL is not involved in any foreign trade except importing HEMMs.

13. Corporate Social Responsibility.

NCL had played a vital role in the upliftment of the under privileges under the Corporate Social Responsibility. Various activities like building infrastructure for water supply, skill development, healthcare, education, construction of schools, toilets under Swatch Bharat Abhiyan are taken up and targets are set for future projects under the CSR activities. NCL has built strong relationship and partnership with the communities around its surroundings.

The new CSR provisions in the Companies Act, 2013 emphasizes a formal and greater responsibility on specified companies to set clear framework and processes for carrying out the social responsibility of business units. As per the provisions of the Companies Act, Companies (Corporate Social Responsibility Policy) Rules 2014 and with the circulars and notifications of the Ministry of Corporate Affairs, NCL has established the required framework for carrying out the social responsibility in and around Singrauli and the areas specified by the CSR Policy of Coal India Limited. NCL with the Schedule-VII of Companies Act,

14. MOU between NCL & CIL

For every financial year NCL enters into a MoU with Coal India Limited to set various parameters for physical and financial performances. The achievements are graded on a scale of 1-5; excellent being the grade 1.0 to 1.5.



ANNEXURE-II TO DIRECTOR'S REPORT

Details of Conservation of Energy, Technology Absorption and Foreign Exchange Earnings & Outgo.

Information in accordance with the provisions of section 217(1)(e) of the Companies Act, 1956 read with the Companies (Disclosure of Particulars in the Report of Board of Directors) Rules, 1988 regarding Conservation of Energy, Technology Absorption and Foreign Exchange Earnings & Outgo.

A) CONSERVATION OF ENERGY

1.0 Steps taken for conservation of Energy during the year 2016-2017

- a) Electrical Energy.
 - i) NCL has earned Rs. 3.00 core from MPPKVCL points of supply towards power factor rebate during year 2016-17. NCL has also earned TOD rebate of Rs. 9.13 Core.
 - ii) Additional capacitor bank of 1200 kvar installed for improvement of power factor at Coal Sub-stations & CHP Sub-stations of kakri & 900kvar at Block-B project and 300kvar at NCL HQ office complex substation..
 - iii) M/s EESL has been engaged as per MOU with CIL for replacement of high watt luminaries/conventional fittings with following energy efficient LED Luminaries in Offices, Street lights, Mines lightings & Township Areas in various projects/units of NCL.

Sl. No.	Description	QTY.(Nos)
1.	LED street light Fittings 120-140w	4847
2.	LED street light Fittings 190-210w	2039
3.	LED street light Fittings 70-85w	347
4.	LED street light Fittings 35-45w	1385
5.	LED Tube rod 4 ft. 16-20w	12020
6.	Pin type LED Lamp 9w	8624

As a result Total energy cost saving by using above energy efficient LED's against existing conventional 400w HPSV, 250W HPSV, 150W HPSV, 40W tube light fittings are approximately Rs. 5.31 crore per year. The expenditure made towards replacement of above LEDs was Rs.8.93 crore with payback period of 20 month.

- iv) 153 nos. 5 star rated Energy efficient 1.5 TR Split ACs & 14 nos. 5 Star 165 ltrs. refrigerators have been installed during 2016-17 against replacement of surveyed off old conventional ACs & Refrigerators.
 - v) Time switches are installed in Street lights in CHP, Mines and Residential areas in NCL.
 - vi) Energy audit and Benchmarking for 2 nos. Mines i.e. Dudhichua and Bina OCP and Illumination survey of Khadia and Kakri OCP are conducted during 2016-17.
 - vii) NCL gives energy efficiency prizes based on lowest specific consumption achieved every year
 - viii) Energy meters have been installed at townships of CWS/Jayant and at HQ units.
- b) FUEL & LUBRICANTS
 - i) Strict compliance of approved comprehensive guidelines for monitoring of diesel consumption in all projects of NCL.
 - ii) The actual diesel consumption of mines is being compared with the benchmark data of CMPDI on monthly basis for monitoring purpose.





2.0 Investment and Proposals implemented for reduction of consumption of energy.

Sl. No.	Description	Rs.
a)	Additional capacitor bank installed for improvement of power factor	Rs.9.41 lakhs.
b)	Use of energy efficient lamp (SVL) LEDs for street & flood lighting of various projects of NCL	Rs.894.22lacs
c)	Installation of energy meter in townships of CWS/Jayant and at HQ.	Rs 0.50 lacs
d)	Time switch for streetlights in CHP, Mines and residential areas and others	Rs .1.55 lacs
e)	Use of other energy efficient equipment i.e. BEE 5 star rated / fuel efficient Air conditioners, Refrigerators Vehicles etc., against surveyed off	Rs. 856.00 lacs
	Total	Rs.1761.68 lacs

Achievements:

NCL has earned Rs.12.137 crore from MPPKVCL points of supply towards rebate on power factor & TOD during year 2016-17.

3.0 ANNUAL REPORT

A. Electrical Energy:

SL No.	Description	2016-17	2015-16	% increase/decrease
(i)	Consumption of energy /Tonne of coal production (KWH/Tonne)	4.52	4.82	(-)6.22
(ii)	Consumption of energy per cu.m. of composite production i.e. coal plus OB& R.H.(KWH/Cu.m.composite)	2.74	2.69	(+)1.85

B. Fuel & Lubricant:

Consumption of HSD per Cu.m. of composite production excluding dragline production (Ltr./cu.m.)	1.10	1.12	(-)1.78
Consumption of Lubricant per Cu.m. of composite production (Ltr/cu.m.)	0.035	0.035	At Par

B) TECHNOLOGY ABSORPTION

Disclosure of Particulars with respect to Technology Absorption

RESEARCH & DEVELOPMENT (R&D)

1 Specific areas in which R&D carried out by company:	(i) Exploration (Agency: ISM, Dhanbad & CMPDI, Ranchi) (ii) Blasting (Agency: ISM, Dhanbad & CMPDI, Ranchi)
2 Benefits derived as a result of the above R&D	Projects ongoing.
3 Further Plan of Action:	"Indigenous development of Early Warning Radar System for predicting failures/ shop instabilities in opencast mines" Agency: Society for applied Microwave Electronics Engineering and Research(SAMEER)
4 Expenditure on R&D: (a) Capital (b) Recurring (c) Total (d) Total R&D expenditure as percentage of total turnover	Expenditure is from CIL, R&D fund.



TECHNOLOGY ABSORPTION, ADAPTATION AND INNOVATION:

1 Efforts in brief, made towards technology absorption, adaptation and innovation:	Initiative for conducting mine surveying, ground profiling & volume measurement using Drone.
2 Benefits derived as a result of the above efforts	Necessary permissions from Govt. awaited.
3 In case of imported technology (imported during the last 5 years reckoned from the beginning of the financial year) the requisite information given below: (a) Technology imported: (b) Year of Import: (c) Has technology been fully absorbed: (d) If not fully absorbed, areas where this has not taken place, reasons therefore and future plan and actions:	NIL

C) FOREIGN EXCHANGE EARNINGS AND OUTGO:-

(i) Activities relating to exports, initiatives taken to increase exports, development of new export markets for products and services and export plans.	Company is not engaged in export activities.
(ii) Total Foreign Exchange used and earned.	

(Rs. in Crores)

	Current Year	Previous Year
(A) Foreign Exchange earned	NIL	NIL
(B) Foreign Exchange used		
i) C.I.F. Value of Imports		
a) Raw materials	NIL	NIL
b) Components, Stores & Spare Parts	98.97	51.57
c) Capital Goods	182.16	22.10
ii) Travelling Expenses	0.07	0.13
iii) Interest/Commitment/Agency charges etc. of IBRD/JBIC	0.01	NIL





ANNEXURE-III TO THE DIRECTOR'S REPORT

M/s P.L. Tandon & Co.
CHARTERED ACCOUNTANTS

COMPLIANCE OF CORPORATE GOVERNANCE GUIDELINES

To,
The Members,
M/s. Northern Coalfields Limited,
Singrauli (M.P.).

C E R T I F I C A T E

1. We have reviewed the compliance of conditions of Corporate Governance by Northern Coalfields Limited for the year ended 31st March, 2017 although Clause 49 of the Listing Agreement is not applicable to the Company.
2. The compliance of conditions of Corporate Governance is the responsibility of the Management. Our examination was limited to procedures and implementation thereof, adopted by the Company for ensuring the compliance of the conditions of Corporate Governance. It is neither an audit nor an expression of opinion on the financial statement of the Company.
3. We have conducted our review on the basis of the relevant records and documents maintained and produced to us for review and the information and explanation given to us by the Company.
4. In our opinion and to the best of our information and according to the explanations given to us, subject to our observations, we certify that the Company has complied with the conditions of Corporate Governance except to the provisions related to composition of the Board of Directors and Audit Committee basically relating to the Independent Directors.
5. We further state that such compliance is neither an assurance as to the future viability of the Company nor the efficiency or effectiveness with which the Management has conducted the affairs of the Company.

For P.L.TANDON & Co.

Chartered Accountants

SD/-

(CA P.P.SINGH)

Partner

Membership No. 072754

ICAI Firm Reg. No. 000186C

Place: KANPUR

Date : 18th May, 2017





NORTHERN COALFIELDS LIMITED

ANNEXURE-IV TO THE DIRECTOR'S REPORT

KRUPESH MANKODI
Company Secretary
JABALPUR 482001
(M.P.)

A C/2 Sneh Vihar Flats
130, Napier Town
Phone 0761- 4013993
Mob. 0982615393
Email : krmeum@yahoo.co.in

Form No. MR-3

SECRETARIAL AUDIT REPORT

FOR THE FINANCIAL YEAR ENDED 31/3/2017

[Pursuant to section 204 (1) of the Companies Act, 2013 and rule No.9 of the Companies (Appointment and Remuneration Personnel) Rules, 2014]

To,
The Members,
Northern Coalfields Limited,
Singrauli (M.P.) 486889

I have conducted the Secretarial Audit of the compliance of applicable statutory provisions and the adherence to good corporate practices by Northern Coalfields Limited (here in after called the company). Secretarial Audit was conducted in a manner that provided me a reasonable basis for evaluating the corporate conducts/ statutory compliances and expressing my opinion thereon.

Based on my verification of the Northern Coalfields Limited, books, papers, minute books, forms and returns filed and other records maintained by the company and also the information provided by the Company, its officers, agents and authorized representatives during the conduct of Secretarial Audit, I hereby report that in my opinion, the company has, during the audit period covering the financial year ended on 31st March, 2017 complied with the statutory provisions listed here under and also that the Company has proper Board processes and compliance mechanism in place to the extent, in the manner and subject to the reporting made here in after :

I have examined the books, papers, minute books, forms and returns filed and other records maintained by Northern Coalfields Limited for the financial year ended on 31/3/2017 according to the provisions of:

- (i) The Companies Act, 2013 (the Act) and the rules made there under;
- (ii) The Securities Contracts (Regulation) Act, 1956 ('SCRA') and the rules made thereunder:- NOT APPLICABLE
- (iii) The Depositories Act, 1996 and the Regulations and Bye-laws framed thereunder:- NOT APPLICABLE.
- (iv) Foreign Exchange Management Act, 1999 and the rules and regulations made there under to the extent of Foreign Direct Investment, Overseas Direct Investment and External Commercial Borrowings:- NOT APPLICABLE.
- (v) The following Regulations and Guidelines prescribed under the Securities and Exchange Board of India Act, 1992 ('SEBI Act'):-
 - (a) The Securities and Exchange Board of India (Substantial Acquisition of Shares and Takeovers) Regulations, 2011; NOT APPLICABLE.
 - (b) The Securities and Exchange Board of India (Prohibition of Insider Trading) Regulations, 1992;
 - (c) The Securities and Exchange Board of India (Issue of Capital and Disclosure Requirements) Regulations, 2009; NOT APPLICABLE.





ANNUAL REPORT 2016-17

- (d) The Securities and Exchange Board of India (Employee Stock Option Scheme and Employee Stock Purchase Scheme) Guidelines, 1999; NOT APPLICABLE.
 - (e) The Securities and Exchange Board of India (Issue and Listing of Debt Securities) Regulations, 2008; NOT APPLICABLE.
 - (f) The Securities and Exchange Board of India (Registrars to an Issue and Share Transfer Agents) Regulations, 1993 regarding the Companies Act and dealing with client; NOT APPLICABLE.
 - (g) The Securities and Exchange Board of India (Delisting of Equity Shares) Regulations, 2009; and
 - (h) The Securities and Exchange Board of India (Buy back of Securities) Regulations, 1998; NOT APPLICABLE
- (vi) As informed by the Management other applicable Laws have been complied. Subject to the following:-
- 1) Two independent directors posts were found vacant during the year 2016-17.

As per special requirements of the Company Northern Coalfields Limited for the financial year ended on 31/3/2017, I have verified the provisions applicable to the Company under following specific laws :

- (1) The Mines Act, 1952
- (2) Mines Concession Rules, 1960
- (3) Coal Mines Regulations, 1957
- (4) Coal Mines Conservation & Development Act, 1974
- (5) The Mines Rescue Rules, 1985
- (6) The Mines Vocational Training Rules, 1966
- (7) The Indian Electricity Rules, 1956
- (8) The Explosive Act, 1884
- (9) The Explosive Rules, 2008
- (10) Coal Mines Pension scheme, 1998
- (11) The Payment of Wages & Mines Rules, 1956
- (12) The Coal Mines Provident Fund And Miscellaneous Provisions Act, 1948
- (13) Mines & Minerals (Regulation & Development)Act, 1952
- (14) Mines (Postings of Abstracts) Rules, 1954
- (15) Payment of undisbursed wages(Mines) Rules 1950
- (16) Indian Bureau of Mines Sr. Technical Assistant (Survey) Jr. Technical Assistant (Survey) and Junior Survey Recruitment Rules 1990
- (17) The Coal Mines Pith Head Bath Rules 1959
- (18) Mines Crèches Rules 1960
- (19) Indian Bureau of Mines (Electrical Supervisor and Electrician) Recruitment Rules, 1990
- (20) The Maternity Benefit (Mines) Rules 1963
- (21) Colliery Control Order, 2000
- (22) Colliery Control Order, 2004

During the period under review the Company has complied with the provisions of the Act, Rules, Regulations, Guidelines, Standards, etc. mentioned above.





NORTHERN COALFIELDS LIMITED

I have also examined compliance with the applicable clauses of the following:

- (i) Secretarial Standards issued by The Institute of Company Secretaries of India.
- (ii) The Listing Agreements entered into by the Company with Stock Exchange(s), if applicable; NOT APPLICABLE.

I further report that

The Board of Directors of the Company is duly constituted with proper balance of Executive Directors, Non-Executive Directors and Independent Directors. The changes in the composition of the Board of Directors that took place during the period under review were carried out in compliance with the provisions of the Act.

Adequate notice is given to all directors to schedule the Board Meetings, agenda and detailed notes on agenda were sent at least seven days in advance, except on price sensitive items and other operational items which were urgent in nature and taken up in the meeting, with the permission and consent of the Chairman and all directors present in the meeting including independent directors and a system exists for seeking and obtaining further information and clarifications on the agenda items before the meeting and for meaningful participation at the meeting.

Majority decision is carried through while the dissenting members' views are captured and recorded as part of the minutes.

I further report that

There are adequate systems and processes in the company commensurate with the size and operations of the company to monitor and ensure compliance with applicable laws, rules, regulations and guidelines.

I further report that during the audit period the company has following events :-

For example :

- (i) Public/Right/Preferential issue of shares/debentures/sweat equity, etc.- NIL
- (ii) Redemption/buy-back of securities – Buy Back of 411135 Equity Shares have been duly done as per the provision of the Companies Act, 2013.
- (iii) Major decisions taken by the members in pursuance of section 180 of the Companies Act, 2013 - NIL
- (iv) Merger/amalgamation/reconstruction, etc. - NIL
- (v) Foreign technical collaborations - NIL

Place : SINGRAULI

Date : 11th May, 2017

Sd/-

Name of Company Secretary in practice

KRUPESH MANKODI

FCS No.5773,

CP No.: 4870

ANNEXURE-IV(a) TO THE DIRECTOR'S REPORT

Management reply to the comments on Secretarial Auditor

Auditor's Comment	Management Reply
Two independent Directors posts were found vacant during the year 2016-17.	Appointment of two more Independent Directors against the vacancy is pending with Govt. of India.





ANNEXURE-V TO THE DIRECTOR'S REPORT

FORM NO. MGT 9

EXTRACT OF ANNUAL RETURN

As on financial year ended on 31-03-2017

Pursuant to section 92(3) of the Companies Act, 2013 and Rule 12(1) of the Company (Management & Administration) Rules, 2014

I. REGISTRATION & OTHER DETAILS :

1. CIN	U10102MP1985GOI003160
2. Registration Date	Registration No.3160 dated 20.11.1985.
3. Name of the company	NORTHERN COALFIELDS LIMITED
4. Category/ Sub-category of the Company the Companies Act, 2013.	Private Company (A subsidiary Company of Coal India Limited) Company within the meaning of Section 2(89) of
5. Address of the Registration office & contact details	Northern Coalfields Limited, Singrauli Colliery, PO. Singrauli, Dist. Singrauli (MP) 486 889
6. Whether listed company	NO
7. Name, Address & contact details of the Registrar & Transfer Agent, if any	

II. PRINCIPAL BUSINESS ACTIVITIES OF THE COMPANY :

[All the business activities contributing 10 % or more of the total turnover of the company shall be stated]

Sl. No.	Name and Description of main products/ services	NIC Code of the Product/service	% to total turnover of the company
1.	Coal Mining	051-05101 and 051-05102	100.0

III. PARTICULAR OF HOLDING, SUBSIDIARY AND ASSOCIATE COMPANIES :

Sl. No.	Name and Address of the Company	CIN/GLN	Holding / Subsidiary / Associate	% of Share Held	Applicable Section
1.	Coal India Limited, Coal Bhawan Premise No-04 MAR, Plot No- AF-III, Action Area - 1A, Newtown, Rajarhat, Kolkata-700 156	L23109WB19 73GOI028844	Holding	100.00	Sanction 2(46) of Companies Act' 2013



IV. SHARE HOLDING PATTERN (Equity Share Capital Breakup as percentage of Total Equity) :

i.) Category-wise Share Holding :

Category of Shareholders	No. of Shares held at the beginning of the year [as on 01-04-2016]				No. of Shares held at the end of the year [as on 31-03-2017]				% change during the Year
	Demat	Physical	Total	% of Total Shares	Demat	Physical	Total	% of Total Shares	
A. Promoter's									
(1) Indian:									
a) Individual/HUF	0	3	3	0.00	0	3	3	0.00	0.00
b) Central Govt.	0	0	0	0.00	0	0	0	0.00	0.00
c) State Govt.(s)	0	0	0	0.00	0	0	0	0.00	0.00
d) Bodies Corp.	0	1776725	1776725	100.00	0	1365590	1365590	100.00	0.00
e) Banks/ FI	0	0	0	0.00	0	0	0	0.00	0.00
f) Any other	0	0	0	0.00	0	0	0	0.00	0.00
Sub-Total(A)(1) :	0	1776728	1776728	100.00	0	1365593	1365593	100.00	0.00
(2) Foreign :									
a) NRIs-Individuals	0	0	0	0.00	0	0	0	0.00	0.00
b) Other-Individuals	0	0	0	0.00	0	0	0	0.00	0.00
c) Bodies Corp.	0	0	0	0.00	0	0	0	0.00	0.00
d) Banks/FI.	0	0	0	0.00	0	0	0	0.00	0.00
e) Any other	0	0	0	0.00	0	0	0	0.00	0.00
Sub Total(A)(2) :	0	0	0	0.00	0	0	0	0.00	0.00
Total shareholding of Promoter (A) = (A)(1) + (A)(2)	0	1776728	1776728	100.00	0	1365593	1365593	100.00	0.00
Total shareholding of Promoter (A)	0	1776728	1776728	100.00	0	1365593	1365593	100.00	0.00
B. Public Shareholding									
(1) Institutions									
a) Mutual Funds	0	0	0	0.00	0	0	0	0.00	0.00
b) Banks/ FI	0	0	0	0.00	0	0	0	0.00	0.00
c) Central Govt.	0	0	0	0.00	0	0	0	0.00	0.00
d) State Govt. (s)	0	0	0	0.00	0	0	0	0.00	0.00
e) Venture Capital Funds	0	0	0	0.00	0	0	0	0.00	0.00
f) Insurance Companies	0	0	0	0.00	0	0	0	0.00	0.00
g) FIs	0	0	0	0.00	0	0	0	0.00	0.00





ANNUAL REPORT 2016-17

Category of Shareholders	No. of Shares held at the beginning of the year [as on 01-04-2016]				No. of Shares held at the end of the year [as on 31-03-2017]				% change during the Year
	Demat	Physical	Total	% of Total Shares	Demat	Physical	Total	% of Total Shares	
h) Foreign Venture Capital Funds	0	0	0	0.00	0	0	0	0.00	0.00
i) Others	0	0	0	0.00	0	0	0	0.00	0.00
Sub-total(B)(1) :	0	0	0	0.00	0	0	0	0.00	0.00
(2) Non-Institutions									
a) Bodies Corporate :									
i) Indian	0	0	0	0.00	0	0	0	0.00	0.00
ii) Overseas	0	0	0	0.00	0	0	0	0.00	0.00
b) Individuals :									
i) Individual shareholders holding nominal share capital in excess of Rs 1 Lakh	0	0	0	0.00	0	0	0	0.00	0.00
ii) Individual share holders holding nominal share capital in excess of Rs 1 lakh	0	0	0	0.00	0	0	0	0.00	0.00
c) Others (specify) :									
Non Resident Indians	0	0	0	0.00	0	0	0	0.00	0.00
Overseas Corporate Bodies	0	0	0	0.00	0	0	0	0.00	0.00
Foreign Nationals	0	0	0	0.00	0	0	0	0.00	0.00
Clearing Members	0	0	0	0.00	0	0	0	0.00	0.00
Trusts	0	0	0	0.00	0	0	0	0.00	0.00
Foreign Bodies-D R	0	0	0	0.00	0	0	0	0.00	0.00
Sub-total(B)(2) :	0	0	0	0.00	0	0	0	0.00	0.00
Total Public Share holding (B) = (B)(1) + (B)(2)	0	0	0	0.00	0	0	0	0.00	0.00
C. Shares held by Custodian for GDRs & ADRs	0	0	0	0.00	0	0	0	0.00	0.00
Grand Total (A + B + C)	0	1776728	1776728	100.00	0	1365593	1365593	100.00	0.00



ii) Shareholding of Promoter:

Sl. No.	Shareholder's Name	Shareholding at the beginning of the year [as on 01-04-2016]			Shareholding at the end of the year [as on 31-03-2017]			% change in shareholding during the year
		No. of Shares	% of total Shares of the company	% of Shares Pledged/encumbered to total shares	No. of Shares	% of total Shares of the company	% of Shares Pledged/encumbered to total shares	% change in shareholding during the year
1.	Coal India Limited	1776728	100		1365593	100		0.00

iii) Change in Promoters' Shareholding (please specify, if there is no change):

Sl. No.	Particular	Shareholding at the beginning of the year [as on 01-04-2016]		Cumulative Shareholding during the year [2016-2017]	
		No. of shares	% of total shares of the company	No. of shares	% of total shares of the company
1.	At the beginning of the year	1776728	100	1776728	100
2.	Date wise Increase/Decrease in Promoters Shareholding during the year specifying the reason for increase/decrease (e.g. allotment/transfer/bonus/sweat equity etc.);	Buy Back of 23.14% of Shares i.e. 4,11,135 by Promoter's.			
3.	At the end of the year	1365593	100	1365593	100

iv) Shareholding pattern of top ten Shareholders: (Other than Directors, Promoters and Holders of GDRs and ADRs) :

Sl. No.	For Each of the Top 10 Shareholders	Shareholding at the beginning of the year [as on 01-04-2016]		Shareholding at the end of the Year [as on 31-03-2017]	
1.	-	-	-	-	-





v) Shareholding of Directors and Key Managerial Personnel:

Sl. No.	Shareholding of each Directors and each key Managerial Personnel	Shareholding at the beginning of the year [as on 01-04-2016]		Cumulative Shareholding during the year [2016-2017]	
		No. of Shares	% of total Shares of the company	No. of Shares	% of total Shares of the company
1.	Shri T. K. Nag, CMD				
	At the beginning of the year	1	0.00	1	0.00
	Date wise Increase/Decrease in Promoters Shareholding during the year specifying the reasons for increase/decrease (e.g. allotment / transfer / bonus / sweat equity etc.):	-			
	At the end of the year	1	0.00	1	0.00
2.	Ms. Shantilata Sahu, Director (Personnel)				
	At the beginning of the year	0.00	0.00	0.00	0.00
	Date wise Increase/Decrease in Promoters Shareholding during the year specifying the reasons for increase/decrease (e.g. allotment / transfer / bonus / sweat equity etc.):	-	-	-	-
	At the end of the year	0.00	0.00	0.00	0.00
3.	Shri P.S.R.K. Sastry, Director (Finance)				
	At the beginning of the year	0.00	0.00	0.00	0.00
	Date wise Increase/Decrease in Promoters Shareholding during the year specifying the reasons for increase/decrease (e.g. allotment / transfer / bonus / sweat equity etc.):				
	At the end of the year	0.00	0.00	0.00	0.00
4.	Shri Gunadhar Pandey, Director (Technical/Operations)				
	At the beginning of the year	0.00	0.00	0.00	0.00
	Date wise Increase/Decrease in Promoters Shareholding during the year specifying the reasons for increase/decrease (e.g. allotment / transfer / bonus / sweat equity etc.):				
	At the end of the year	0.00	0.00	0.00	0.00
5.	Shri Jawahar Lal Singh, Director (Technical/P&P)				
	At the beginning of the year	0.00	0.00	0.00	0.00
	Date wise Increase/Decrease in Promoters Shareholding during the year specifying the reasons for increase/decrease (e.g. allotment / transfer / bonus / sweat equity etc.):				
	At the end of the year	0.00	0.00	0.00	0.00



Sl. No.	Shareholding of each Directors and each key Managerial Personnel	Shareholding at the beginning of the year [as on 01-04-2016]		Cumulative Shareholding during the year [2016-2017]	
		No. of Shares	% of total Shares of the company	No. of Shares	% of total Shares of the company
6.	Shri Rajesh Kumar Sinha, Director				
	At the beginning of the year	0.00	0.00	0.00	0.00
	Date wise Increase/Decrease in Promoters Share holding during the year specifying the reasons for increase/decrease (e.g. allotment / transfer / bonus / sweat equity etc.):				
	At the end of the year	0.00	0.00	0.00	0.00
7.	Shri S.N. Prasad, Director				
	At the beginning of the year	0.00	0.00	0.00	0.00
	Date wise Increase/Decrease in Promoters Share holding during the year specifying the reasons for increase/decrease (e.g. allotment / transfer / bonus / sweat equity etc.) :				
	At the end of the year (transferred on 26.5.17)	1	0.00	1	0.00
8.	Shri S.K. Maheshwari, Director				
	At the beginning of the year	0.00	0.00	0.00	0.00
	Date wise Increase/Decrease in Promoters Share holding during the year specifying the reasons for increase/decrease (e.g. allotment / transfer / bonus / sweat equity etc.) :				
	At the end of the year	0.00	0.00	0.00	0.00
9.	Shri A.K. Agrawal, Director				
	At the beginning of the year	0.00	0.00	0.00	0.00
	Datewise Increase/Decrease in Promoters Share during the year specifying the reasons for increase/decrease (e.g. allotment / transfer / bonus / sweat equity etc.):				
	At the end of the year	0.00	0.00	0.00	0.00
9.	Dr. S.M. Jharwal, Director				
	At the beginning of the year	0.00	0.00	0.00	0.00
	Datewise Increase/Decrease in Promoters Share holding during the year specifying the reasons for increase/decrease (e.g. allotment / transfer / bonus / sweat equity etc.) :				
	At the end of the year	0.00	0.00	0.00	0.00
10.	Shri P Lazar, Company Secretary				
	At the beginning of the year	0.00	0.00	0.00	0.00
	Datewise Increase/Decrease in Promoters Share holding during the year specifying the reasons for increase/decrease (e.g. allotment / transfer / bonus / sweat equity etc.):				
	At the end of the year	0.00	0.00	0.00	0.00





VI) INDEBTEDNESS

Indebtedness of the company including interest outstanding/accrued but not due for payment :

Indebtedness at the beginning of the financial year	Secured loans deposits	Unsecured excluding	Deposits loans	Total indebtedness	
i) Principal amount		Nil	Nil	Nil	Nil
ii) interest due but not paid		Nil	Nil	Nil	Nil
iii) interest accrued but not due		Nil	Nil	Nil	Nil
TOTAL (i + ii + iii)		Nil	Nil	Nil	Nil
Change in indebtedness during the financial year		Nil	Nil	Nil	Nil
Addition		Nil	Nil	Nil	Nil
Reduction		Nil	Nil	Nil	Nil
Net change		Nil	Nil	Nil	Nil
Indebtedness at the end of the financial year		Nil	Nil	Nil	Nil
i) Principal amount		Nil	Nil	Nil	Nil
ii) interest due but not paid		Nil	Nil	Nil	Nil
iii) interest accrued but not due		Nil	Nil	Nil	Nil
TOTAL (i + ii + iii)		Nil	Nil	Nil	Nil

VII) REMUNERATION OF DIRECTORS AND KEY MANAGEIAL PERSONNEL :

A. Remuneration to Managing Director, Whole-Time Directors and/or Manager (in Rupees)

Sl. No	Particular of Remuneration	Name of MD/WTD/Manager					Total Amount
		Shri. Tapas Kumar Nag, CMD, NCL whole year	Ms. Shantilata Sahu, Director (Personnel) Whole year	Shri Gunadhar Pandey, Director Whole Year	Shri PSRK Sastry, Director (Technical/Op.) Finance). Whole year	Shri J.L. Singh, Director (Technical/P&P) Assumed charge whole year	
1.	Gross salary (a) Salary as per provision contained in section 17(1) of the Income-Tax Act, 1961	6872742.45	6752953.69	4064806.00	3750952.00	4190551.48	25632005.62



Sl. No	Particular of Remuneration	Name of MD/WTD/Manager					Total Amount
		Shri. Tapas Kumar Nag, CMD, NCL whole year	Ms. Shantilata Sahu, Director (Personnel) Whole year	Shri Gunadhar Pandey, Director Whole Year	Shri PSRK Sastry, Director (Technical/Op.) Finance). Whole year	Shri J.L. Singh, Director (Technical/P&P) Assumed charge whole year	
	(b) Value of perquisites u/s 17(2) Income-tax Act, 1961	158200.79	161692.65	159898.06	154599.41	157278.76	791669.67
	(c) Profit in lieu of salary under section 17(3) Income-tax Act, 1961	-	-	-	-	-	-
2.	Stock Option	-	-	-	-	-	-
3.	Sweat Equity	-	-	-	-	-	-
4.	Commission-as% of profit-others, specify	-	-	-	-	-	-
5.	Others, please specify	-	-	-	-	-	-
	Total (A)	7030943.24	6914646.34	4224704.06	3905551.41	4347830.24	26423675.29

B. Remuneration to Other Directors :

S.N	Particulars of Remuneration	Name of Directors			Total Amount (Rs.)
1.	Independent Directors	Shri S.K. Maheswari	Shri Arun Kumar Agrawal	Shri S.M. Jharwal (w.e.f. 2.2.17)	
	Fee for attending board and committee meetings	540000.00	560000.00	100000.00	1200000.00
	Commission				
	Others, please specify				
	Total (1)	540000.00	560000.00	100000.00	1200000.00

2	Other Non-Executive Directors:	Shri Rajesh Kumar Sinha	Shri S.N. Prasad	Total Amount (Rs.)
	Fee for attending board committee meetings	Nil	Nil	Nil
	Commission	-	-	-
	Others, please specify	-	-	-
	Total (2)	-	-	-
	Total (B) = (1 + 2)			





C. Remuneration to key Managerial Personnel Other than MD/Manager/WTD :

Sl. No	Particular of Remuneration	Key Managerial Personnel		Total Amount
		Shri P.S.R.K. Sastry (CFO)	Shri P Lazar	
1.	Gross salary			
	(a) Salary as per provisions contained in section 17(1) of the Income-tax Act, 1961	No additional remuneration has been paid for the capacity of CFO, NCL..	3751914.48	3751914.48
	(b) Value of perquisites u/s 17(2) Income-tax Act, 1961		166533.48	166533.48
	(c) Profits in lieu of salary under section 17(3) Income-tax Act, 1961		-	-
2.	Stock Option		-	-
3.	Sweat Option		-	-
4.	Commission- as % of profit others, specify...		-	-
5.	Others, please specify		-	-
	Total	-	3918449.96	3918449.96

VII. PENALTIES/ PUNISHMENT/ COMPUNDING OF OFFENCES :

Type	Section of the Companies Act	Brief Description	Details of penalty/ punishment/ compounding fees imposed	Authority (RD/NCLT/ COURT)	Appeal made if any (give details)
A. COMPANY					
Penalty Punishment Compounding			None		
B. DIRECTORS :					
Penalty Punishment Compounding			None		
C. OTHER OFFICERS IN DEFAULT :					
Penalty Punishment Compounding			None		



ANNEXURE-VI TO THE DIRECTOR'S REPORT

Annual Report on CSR Activities for the Financial Year 2016-17 as per Clause (O) of Sub-section (3) of section 134 of the Companies Act 2013 read with Rule 8 of Companies (CSR Policy) Rules, 2014

1.0 Brief outline of the NCL's CSR Policy :

- 1.1 Northern coalfields Limited (NCL) follows the CIL's Policy for Corporate Social Responsibility (CSR) approved by CIL Board in its 307th meeting held on 29th May, 2014 and subsequently revised by CIL Board in its 321st meeting held on 15th October, 2015. This policy has been framed after incorporating the features of the Companies Act 2013 and as per notification issued by Ministry of Corporate Affairs, Govt. of India on 27.02.2014 as well as DPE guidelines.
- 1.2 The main objective of CSR policy is to lay down guidelines for the company to make CSR a key business process for sustainable development for the Society. It aims at supplementing the role of the Govt. in enhancing welfare measures of the society based on the immediate and long term social and environmental consequences of their activities.
- 1.3 NCL has adopted Corporate Social responsibility as a strategic tool for sustainable growth. The geographical area where NCL is situated i.e. parts of Singrauli district (Madhya Pradesh) and parts of Sonbhadra district (Uttar Pradesh) is an under-developed area of India with poor infrastructure, healthcare facilities, literacy & employment rate. NCL endeavors towards the upliftment of the poor and underprivileged people of this area through various schemes/activities and also by sharing its in-house facilities with them.

The primary beneficiaries of CS Rare land oustees, PAP and those staying within the radius of 25 Kms of the Project. Poor and needy section of the society living in other parts of Uttar Pradesh and Madhya Pradesh are these condary beneficiaries.

- 1.4 The scope of CSR activities undertaken by NCL is as per Schedule VII of New Companies Act 2013.
- 1.5 The fund for the CSR is allocated based on 2% of the average net profit of the Company for the three immediate preceding financial years or Rs. 2.00 per ton of Coal Production of previous year whichever is higher. The unspent amount in CSR budget in a particular year will not lapse and shall be added with CSR budget of subsequent year.
- 1.6 NCL has a Board Level Committee on CSR and Sustainable Development which reviews the implementation of CSR activities in every six months and recommends the amount of expenditure to be incurred on CSR activities.

2.0 Overview of CSR activities/Projects undertaken by NCL during the year 2016-17

- 2.1 In the financial year 2016-17, NCL has done CSR activities in areas of building infrastructure, water supply, skill development, healthcare, education etc. with a total expenditure of Rs. 77.33 crores as against the fund provision of Rs. 74.23 crores for the year 2016-17. The above expenditure also includes an expenditure of Rs. 1.33 crores incurred towards admin expenses and Rs. 20 Lakhs towards contribution to Uttar Pradesh Sainik Punarwas Nidhi.

The broad CSR heads and corresponding expenditure are as follows :

i. Roads (GAON JODO ABHIYAN)

NCL's Gaon Jodo Abhiyaan is a step taken by NCL to connect the different villages in Singrauli and adjoining areas with town areas with roads. With the road connectivity, the villagers have started bringing their products to market which otherwise was being arranged through middleman. This has immediately increased their earning capacity. Further many unemployed youths are getting jobs in the town with the start of public transport. In case of any health care emergency they are able to reach our company hospital or private doctors in time. The travel time has reduced significantly. NCL has constructed/carpeted/widened 18 kms of roads approximately in the year 2016-17 with a total expenditure of Rs. 10.54 crores.





Karela Angoora RCC road



WBM Road from Shukla More to Parewa Nullah

ii. Infrastructure (AADHAR) :

Infrastructure works undertaken by NCL in the year 2016-17 includes construction of community halls, ghats, drains, check dams, sulabh souchalaya; electrification of villages, deepening of ponds, installation of solar street lights, dustbins and distribution of smart stove to poor & needy people etc. with a total expenditure of Rs. 6.97 crores.



Community Hall at Kasar



Sulabh Souchalaya at Ghorawal

iii. Water Supply (SWACHH JAL) :

NCL has installed 460 hand pumps in nearby villages to provide safe drinking water. It is also looking after operation and maintenance of 38 RO Plants installed earlier. NCL has also constructed 1 pond and 2 check dams and deepening of 13 ponds in different villages around NCL. The total expenditure under this head is of Rs. 3.79 crores.



Hand pump installed by NCL



Checkdam at Marak

iv. Skill Development & Employment Generation (KAUSHAL)- NCL has imparted different types training viz. Poultry farming, BPO Training, Welder, Electrician, Fitter training, beautician training, embroidery, tailoring, plumbing training for employment generation through qualified trainers to the unemployed youths (both male & female) of the nearby villages with an expenditure of Rs. 2.04 crores.





Skill Development Program at Dudhichua



Tailoring & Computer Training Center at Krishnashila

- v. **Health (SAB SWASTH)** - Besides healthcare facilities provided to poor villagers in different project dispensaries, NCL has organized health camps like family planning camp, cancer detection camp for women, urology camp, diabetic camp, eye camp, child health checkup camp etc. in different projects, Central Hospital and NSC. NCL also distributed aids & appliances to around 285 divyangs. The expenditure incurred by NCL Hospitals and dispensaries in these camps is Rs. 2.01 crores.



Distribution of Aids & Appliances to Divyang



Mobile Health Camp in rural areas



Kabaddi Competition at Nigahi Project

- vi. **Sports/Art & Culture (KHEL TARANG)** NCL has contributed for the promotion of Sports/Art & culture with an expenditure of Rs. 0.46 crores. NCL has organized tournaments for promoting kabaddi, karate, football and Volley Ball, provided sports material to schools and villages, contributed to NSDF, and providing sports equipment's for training of grooming athlete Shri Gyanesh Pathak.





Promotion of Rural sports in villages around Block B Project

- i. **Education (SAB SAKSHAR)** - NCL has contributed in various educational activities like deficit grant, construction of aanganwadi, class rooms, conference hall, SC/ST Hostel, laboratories; development of playgrounds in schools, supply of furniture & lab equipment to Govt. schools etc with an expenditure of Rs. 22.86 crores.



Adult Education Program

2.2. Swachh Vidyalaya Abhiyan

NCL was actively involved in Swachh Vidyalaya Abhiyan, a national campaign by the Government of India. Under this program NCL has constructed/repared 6233 toilets in government schools of 12 districts of Madhya Pradesh through Hindustan Prefab Limited (A Govt. of India Unit) and Rajya Shiksha Kendra, Bhopal. An amount of Rs. 27.14 crore was incurred during FY 2016-17 towards Swachh Vidyalaya Abhiyan.

2.3. Web link for the CSR policy and programs

The CSR Policy and Programs/projects can be viewed at : <http://www.nclcil.in/page.php?pid=30>

3.0. Composition of the Sustainable Development and CSR Committee

Considering the provision of Section 135 of Companies Act, 2013, the Sustainable Development and CSR Board level committee was re-constituted in the 200th Board meeting held on 18.12.2015 vide item no 200/C-5 comprises of following members :

- a. Prof A.K. Agrawal, Part-time non official Director, NCL : Chairman
- b. Shri S.K. Maheshwari, Part-time non official Director, NCL : Member





NORTHERN COALFIELDS LIMITED

- c. Ms Shantilata Sahu, Director (Personnel), NCL : Member
d. Shri Gunadhar Pandey, Director Technical (Operations), NCL : Member
e. Shri P.S.R.K. Sastry, Director (Finance), NCL : Member
f. Shri J.L. Singh, Director Technical (Project & Planning) : Member

Shri A.K Chaudhary, GM (Civil/CSR), NCL will be the Nodal Officer of the committee.

4.0. Average net profit of the company for last three financial years

Financial Year	Net Profit (in Crores)
2013-14	3355.71
2014-15	3713.47
2015-16	4065.51
Average net profit for last three years	3711.56

5.0. Prescribed CSR Expenditure (two per cent of the amount as in item 4 above)

The prescribed CSR expenditure is Rs. 74.23 Crores (Seventy four crores twenty three lakhs only) which is equal to 2% of the average net profit of last three years.

6.0. Details of CSR amount spent during the financial year

- 6.1 Total amount to be spent by NCL under CSR for the financial year 2016-17 was Rs. 74.23 Crores (Seventy four crores and twenty three lakhs only)
6.2 NCL has released an amount of Rs. 77.33 crores under CSR for the financial year 2016-17.

An amount of Rs. 17.36 crores was released during 2015-16 for construction/repair of 1680 toilets to Rajya Shiksha Kendra, Bhopal under Swachh Vidyalaya Abhiyan, utilization certificate of Rs. 7.09 crores only has been received till date and accordingly accounted into FY 2016-17 expenditure.

While utilization certificate for Rs. 5.15 crores and refund of Rs. 4.75crores is yet to be received from state government.

Therefore NCL's CSR expenditure including liabilities for the year 2016-17 is Rs. 77.33 crores. The whole amount allocated to CSR for FY 2016-17 was spent.

6.3. Manner in which the CSR amount spent during the financial year

The details of the amount spent during the financial year 2016-17 in attached as Annexure-1

7.0. Implementation and Monitoring of CSR Policy

The implementation and monitoring of CSR Policy, is in Compliance with CSR objectives and Policy of the Company.

Sd/-
T.K. Nag
CMD, NCL

Sd/-
Prof A.K Agrawal
Chairman, SD & CSR committee

Sd/-
Shantilata Sahu
Director (P), NCL





ANNEXURE TO ANNUAL REPORT OF CSR ACTIVITIES IN NCL 2016-17

1	2	3	4		5	6	7	8
			Local	State				
Sr.	CSR project or activity identified	Sector in which the project is covered	Local	State	Amount outlay (budget) project or programme wise	Amount wise spent on the projects or programs Sub-heads (1) Direct expenditure on projects or programs (2) Overheads:	Cumulative expenditure up to the reporting programs	Amount spent or Direct through implementing agency
1	Construction of Community Hall at Ward no. 43 at Hirwah	Rural Development Project	Amlohri	M.P	15.00	1.05	23.21	Direct
2	Construction of RCC road in Bharua village (Somaru master house to Mahadev mandir)	Rural Development Project	Amlohri	M.P	60.00	34.97	34.97	Direct
3	Construction of Anganwadi center-1 each in Bharuha and Amjhar Village	Education	Amlohri	M.P	20.00	16.35	16.35	Direct
4	construction of cremation ghat at Kachni. (To be changed to Bhartuah)	Rural Development Project	Amlohri	M.P	10.00	11.28	11.28	Direct
5	Organising kabaddi, of sports karate, volleyball & football tournament	Promotion	Amlohri	M.P	2.00	2.00	2.00	Direct
6	Tanker engaged by Nagar palika Nigam for Water Supply in Villages	Drinking water	Amlohri	M.P	1.94	1.95	1.95	Nagar Nigam Singrauli
7	Running and Maintenance of R.O Plant installed at Villages	Drinking water	Amlohri	M.P	4.50	4.50	4.50	Nagar Nigam Singrauli
8	Inauguration of community hall	Rural Development Project	Amlohri	M.P	0.03	0.03	0.03	Direct
9	Health camp care	Health	Amlohri	M.P	0.35	0.35	0.35	Direct
10	Road Safety Campaign	Others	Amlohri	M.P	0.20	0.20	0.20	Direct
11	International Women Day Program	Women Empowerment	Amlohri	M.P	0.20	0.20	0.20	Direct
12	Cancer Awareness Camp	Health care	Amlohri	M.P	0.25	0.25	0.25	Direct
13	Crickit Program at Amjhar	Promotion of sports	Amlohri	M.P	0.10	0.10	0.10	Direct
14	TA DA for Rewa to SOE Shankar Lal	Others	Amlohri	M.P	0.12	0.12	0.12	Direct
15	Construction of 2 nos room at CWSN hostel at Waidhan	Education	Amlohri	M.P	7.00	7.00	7.00	Direct
16	Deficit grant to schools for Non-NCL wards	Education	Amlohri	M.P	219.90	219.90	219.90	Direct
17	Providing commissioning and installation of 09 Nos. of R.O. plant (8 Nos. of 1000 L.P.H. & 1 No. of 500 L.P.H. capacity) in the village of Banvasi, Chanduar, Gharisari and Kohraul near Bina Project. (including annual maintenance of the plant for one year)	Drinking water	Bina	U.P	106.8	14.89	97.25	Direct
18	construction of C.C. road at chanduar village under CSR scheme at Bina	Rural Development Project	Bina	U.P	66.34	65.93	65.93	Direct
19	Construction of Boundary wall & kitchen room in Banvasi primary school (East side) of Bina Project. under C.S.R. Scheme	Education	Bina	U.P	15.22	15.60	15.60	Direct
20	Providing balance cement concrete road (2500 m length) in Chandwar village and providing drains along the roads and culverts under CSR Scheme at Bina	Rural Development Project	Bina	U.P	174.2	171.90	171.90	Direct
21	Running and maintenance of tailoring center in different villages on honorarium basis	Skill Development	Bina	U.P	4.00	2.21	2.21	Direct
22	Organising 02 nos. medical camp in Jamshila Village	Health care	Bina	U.P	1.00	0.80	0.80	Direct



1	2	3	4	5	6	7	8		
23	Organising 02 nos. medical camp in Barwani Village	Health	Bina	Sonecare	U.P bhadra	1.00	0.80	0.80	Direct
24	Organising 02 nos. medical camp in Chanduar Village	Health care	Bina	Sonebhadra	U.P	1.00	0.80	0.80	Direct
25	Organising 02 nos. medical camp in Ghasari Village	Health care	Bina	Sonebhadra	U.P	1.00	0.80	0.80	Direct
26	Organizing Gramin Mela	Rural Development Project	Bina	Sonebhadra	U.P	1.00	0.99	0.99	Direct
27	Promotion of main streaming of poor tribals in local affected village by assisting district administration through distribution of blankets	Welfare of SCs and STs	Bina	Sonebhadra	U.P	2.00	1.99	1.99	Direct
28	Distribution of blankets to ODF Nigrani Samiti	Rural Development Project	Bina	Sonebhadra	U.P	6.5	6.50	6.50	Direct
29	Deficit grant to schools for Non-NCL wards	Education	Bina	Sonebhadra	U.P	204.49	204.49	204.49	Direct
30	Constrn. of Skill development training Centre for Women	Women Empowerment	Singrauli	M.P	50.00	40.00	40.00	Direct	
31	Constrn. of 700M. R.C.C. Road from Solang More to Existing P.C.C. road.	Rural Development Project	Block - B	Singrauli	M.P	75.00	31.91	31.91	Direct
32	Constrn. of 1.2 KM drain in Barganwan	Rural Development Project	Block - B	Singrauli	M.P	60.00	17.37	17.37	Direct
33	Constrn. of CC road from main road to Kasar Basti	Rural Development Project	Block - B	Singrauli	M.P	180.00	71.42	71.42	Direct
34	Resurfacing of NH 75E road from Petrol Pump (near Sgrl. Market more) to Parewa Nallah via Shukla More	Rural Development Project	Block - B	Singrauli	M.P	350.00	190.00	190	Direct
35	Periodical cleaning and allied works of pond near SGRl Rly. Stn.	Rural Development Project	Block - B	Singrauli	M.P	3.00	2.70	2.70	Direct
36	Cleaning of pond near Singrauli Railway Station	Rural Development Project	Block - B	Singrauli	M.P	2.00	2.00	2.00	Direct
37	Installation of 30 hand pumps	Drinking water	Block - B	Singrauli	M.P	22.5	5.00	5.00	Direct
38	Technical skill development program	Skill Development	Block - B	Singrauli	M.P	2.00	1.82	1.82	Direct
39	Organizing Rural Sports tournament	Promotion of sports	Block - B	Singrauli	M.P	2.00	1.90	1.90	Direct
40	Skill development training	Skill Development	Block - B	Singrauli	M.P	5.00	4.70	4.70	CBWE, Jabalpur
41	Providing Sewing Machine to a talented disabled girl Kumari Kopal	Welfare of the differently abled	Block - B	Singrauli	M.P	0.075	0.75	0.75	Direct
42	Construction of check dam	Rural Development Project	CWS	Singrauli	M.P	10.00	10.00	10.00	Direct
43	Construction of concrete road from Laxmi market Jayant to STP Dudhichua (1.2 km)	Rural Development Project	CWS	Singrauli	M.P	97.59	81.40	81.40	Direct
44	Health Camp at Ajuarh	Health care	CWS	Singrauli	M.P	10.00	3.84	3.84	Direct
45	Establishment of Training Centre for self employment training of Women	Women Empowerment	CWS	Singrauli	M.P	10.00	5.15	5.15	Direct
46	Providing Furniture in Govt. School Ajuarh	Education	CWS	Singrauli	M.P	2.00	1.77	1.77	Direct
47	Deficit grant to school for Non-NCL wards	Education	CWS	Singrauli	M.P	336.39	336.39	336.39	Direct
48	Installation of 100 hand pumps in Bhadohi district (UP)	Drinking water	Dudhichua	Bhadohi	M.P	63.96	63.83	63.83	Direct
49	Conducting health camp & distribution of medicines	Health care	Dudhichua	Singrauli	M.P	10.00	1.51	1.51	Direct
50	Supply of poultry seeds, food for chicken and other required materials for poultry farm in Mudhwani	Skill Development	Dudhichua	Singrauli	M.P	2.00	0.49	1.03	Direct
51	Honorarium to instructor for tailoring and picco training to unemployed women and procurement of related materials for 03 years	Women Empowerment	Dudhichua	Singrauli	M.P	2	0.28	0.70	Direct
52	Construction of poultry farm at Mudhwani under self-employment scheme	Skill Development	Dudhichua	Singrauli	M.P	5.84	0.36	5.84	Direct
53	Repair of drain / retaining wall for baiga tribe in Mudhwani under CSR Scheme	Rural Development Project	Dudhichua	Singrauli	M.P	8.11	1.74	8.11	Direct
54	Repair and widening of road from main road to primary school of Mudhwani village and extension of road by 300 Metres	Rural Development Project	Dudhichua	Singrauli	M.P	38.01	10.43	38.01	Direct
55	Promotion of village sports in the nearby villages of Dudhichua project	Promotion of sports	Dudhichua	Singrauli	M.P	1.5	1.07	1.07	Direct





1	2	3	4	5	6	7	8
56	Deficit grant to schools for Non-NCL wards	Education	Singrauli	M.P	259.62	259.62	Direct
57	Furniture to Govt. Prim. School Jayant	Education	Singrauli	M.P	4.00	259.62	Direct
58	Furniture to Govt. Higher sec. school Jaynt	Education	Singrauli	M.P	8.00	18.72	Direct
59	50 nos chair & 400 nos desk bench of jyoti school.jayant	Education	Singrauli	M.P	24.00	18.72	Direct
60	Lab equipment for Govt. Higher Secondary school Jaynt	Education	Singrauli	M.P	2.00	1.75	Direct
61	Lab equipment Education for jyoti school.jayant	Education	Singrauli	M.P	2.00	1.61	Direct
62	Arrangement of Smart Stove in villages around Jayant Project	Environmental Conservation	Singrauli	M.P	20.50	20.20	Direct
63	Cutting & tailoring to women in nearby villages & teachers honorarium	Women Empowerment	Singrauli	M.P	3.50	0.92	Direct
64	Literacy drive for BPL women, Black board, chalk, copy, pen, pencil & misc items	Education	Singrauli	M.P	1.50	0.21	Direct
65	Sport Competition in 04 villages (Madhauli, Jaitpur, sarsawah lal and sarsawah raja)	Promotion of sports	Singrauli	M.P	5.00	4.02	Direct
66	Providing sports materials for Madhauli, sarsawah.	Promotion of sports	Singrauli	M.P	0.50	0.45	Direct
67	Potable water supply bgy installatin of R.O. at Jaitpur and Sarsawah village.	Drinking water	Singrauli	M.P	76.40	3.03	Direct
68	Construction of three additional rooms in Govt. High School, Deori Dad	Education	Singrauli	M.P	22.90	2.28	Direct
69	Construction of 500 meter CC road at Dheki Village	Rural Development Project	Singrauli	M.P	26.78	26.54	Direct
70	Providing and placing of PVC water tanks in medhauli village	Drinking water	Singrauli	M.P	1.41	1.41	Direct
71	Making earthen pathway along the periphery of mudwani reservoir at jnt	Rural Development Project	Singrauli	M.P	10.21	10.21	Direct
72	Water supply by water tankers to villages in madhauli (word no.10) at jayant project for a period of 120 days	Drinking water	Singrauli	M.P	3.73	3.73	Direct
73	Medical camps around the villages of Jayant Project	Health care	Singrauli	M.P	4.00	1.22	Direct
74	Providing and laying of PVC pipeline for supply of portable water from Simla colony to Bodraha village at Jhingurda under CSR.	Drinking water	Singrauli	M.P	8.50	5.57	Direct
75	Strengthening and carpeting of existing road from Simla colony to Bodraha village at Jhingurda under CSR Length 1500 Meter	Rural Development Project	Singrauli	M.P	40.00	24.72	Direct
76	Construction of 250 mts. RCC road from P.M. road to community hall churki village at Jhingurda Project	Rural Development Project	Singrauli	M.P	20.00	10.13	Direct
77	Construction of balance work of cc road to Barliha village under CSR activity 2015-16. Estimated Length 1KM, Constructed length 124.60 Meter	Rural Development Project	Singrauli	M.P	80.00	56.75	Direct
78	Construction of Community Hall at Churki Village	Rural Development Project	Singrauli	M.P	60.00	1.60	Direct
79	Providing furniture, drinking water arrangement, utensils for mid day meals, sports items to students at Chatka village	Education	Singrauli	M.P	7.00	2.00	Direct
80	Skill development project to be organized by Project based on the need and requirement of the local community	Skill Development Project	Singrauli	M.P	5.00	1.69	Direct
81	Promotion of village sports in the nearby villages	Promotion of sports	Singrauli	M.P	1.00	1.00	Direct
82	Motivational as well as vocational training for self-employment for PAP and unemployed villagers near Jhingurda project	Skill Development	Singrauli	M.P	5.00	5.00	Direct
83	Vocational training for self-employment	Skill Development	Singrauli	M.P	5.00	5.00	Direct
84	Deficit grant to schools for Non-NCL wards	Education	Singrauli	M.P	140.83	140.83	Direct
85	Providing & fixing of 13 Nos. 1000 LPH capacity water purifier RO system including repair & maintenance for 12 months in Rehta & Banssi Village near Kakri Project	Drinking water	Singrauli Kakri Sonebhadra	M.P U.P	131.77	32.39 82.54	Direct



1	2	3	4	5	6	7	8
86	Construction of CC road in Kauwa nallah basti at Gram Sabha Auri under CSR Scheme at Kakri Project	Rural Development Project	Kakri	U.P	28.77	28.77	Direct
87	Construction of tailoring & embroidery training center at Kakri Project under CSR Scheme	Women Empowerment	Kakri	U.P	13.99	12.07	Direct
88	Installation of 100 hand pump in Lakhimpur kheri district (UP) by Kakri Project	Drinking water	Kakri	U.P	64.61	64.00	Direct
89	Construction of road from Singrauli to Anpara	Rural Development Project	Kakri	U.P	2.00	2.00	Direct
90	Annual maintenance of Jawahar Lal Nehru Premises	Rural Development Project	Kakri	U.P	0.38	0.38	Direct
91	RO water supply	Drinking water	Kakri	U.P	1.18	1.18	Direct
92	Skill Development	Skill Development	Kakri	U.P	0.52	0.52	Direct
93	Health Camp in near by villages	Health care	Kakri	U.P	4.14	4.14	Direct
94	Village sports promotion	Promotion of sports	Kakri	U.P	1.14	1.14	Direct
95	Yoga Day Celebration	Health care	Kakri	U.P	0.55	0.55	Direct
96	Miscellaneous CSR Expenditure	Rural Development Project	Kakri	U.P	0.93	0.93	Direct
97	Deficit grant to schools for Non-NCL wards	Education	Kakri	U.P	106.86	106.86	Direct
98	Sewing Training Center at Officer's Club for females of nearby villages of Khadia Project for two years	Women Empowerment	Khadia	U.P	2.4	0.89	Direct
99	Supply Industrial RO for drinking purpose to GIC, Shaktinagar	Drinking water	Khadia	U.P	0.65	0.56	Direct
100	Financial Aid to Shri Anoop Agrahari of B.Tech at NIT Raipur towards Tuition fee	Education	Khadia	U.P	2.10	1.40	Direct
101	Rural Health Camps for villagers to improve health and well being of Approx 1000 villagers of Kota Basti, Ambedkar Nagar, Raja Paraswar, Khadia Bazar and Khadia Village Vistar	Health care	Khadia	U.P	7.00	7.00	Direct
102	Installation of Solar Light in Pilbhit District	Rural Development Project	Pilibhit	U.P	75.00	45.00	Uttar Pradesh Small Industries Corporation Ltd.
103	Infrastructural and other development works in Kota Gram Panchayat	Rural Development Project	Khadia	U.P	75.00	26.00	Direct
104	Deepening of Pond: 1) Near Yadav Basti, Bihawa 2) Amhawanala in Amhawa Village, 3) Near Main Road, Bihawa Tola, Kuldombri Gram Panchayat	Environmental Conservation	Khadia	U.P	30.00	15.13	Direct
105	Construction of Community Centre at Khadia Basti	Rural Development Project	Khadia	U.P	30.00	22.34	Direct
106	Renovation of Shaktinagar Bus Stand at Khadia	Rural Development Project	Khadia	U.P	30.00	18.41	Direct
107	Making cement concrete road at Ambedkar nagar	Rural Development Project	Khadia	U.P	30.00	20.94	Direct
108	Making cement concrete road at Khadia village	Rural Development Project	Khadia	U.P	60.00	31.50	Direct
109	Making cement concrete road at Chilkataand village	Rural Development Project	Khadia	U.P	35.00	27.08	Direct
110	Deficit Grant to school for Non-NCL wards	Education	Khadia	U.P	204.68	204.68	Direct
111	Skill development project (Siali, Embroidery & Knitting Training)	Skill Development	Krishnashila	U.P	5.00	1.75	Direct
112	Medical Camp	Health care	Krishnashila	U.P	5.00	1.14	Direct
113	Installation & commissioning of 7 nos RO Plants (3 nos of 1000 LPH and 4 nos of 500 LPH capacity) in the village Koharauliya, Mishra, Bhairwa, Yogichaura and Mairra, Krishnashilla Project	Drinking water	Krishnashila	U.P	6.87	4.65	Direct
114	Construction of 2 rooms in Kohraulia Primary School	Education	Krishnashila	U.P	1.20	1.03	Direct
115	Construction of CC road from Kahwa nala to Bicchary Village	Rural Development Project	Krishnashila	U.P	2.24	2.24	Direct
116	Check dam at Marak	Environmental Conservation	Krishnashila	U.P	5.00	5.35	Direct
117	Construction of school buildings 4 room at Gharsari village	Education	Krishnashila	U.P	12.00	11.73	Direct
118	Operation, maintenance, guarding and chemical dozing of 7nos. RO plant at Krishnashilla Project for a period of 2 months	Drinking water	Krishnashila	U.P	5.08	7.44	Direct





1	2	3	4	5	6	7	8
119	Installation of 7 nos hand pumps at different villages	Drinking water		3.50	3.10	3.10	Direct
120	Computer training under skill development	Skill Development		2.00	0.95	0.95	Direct
121	Construction of PCC road of cluster no.1 and 500m new WBM road at different locations in nandgaon	Rural Development Project	Singrauli	M.P 21.52	0.44	23.23	Direct
122	Deepening and widening of existing pond with ghat construction at Nandgaon at Nigahi Project	Environmental Conservation	Singrauli	M.P 23.74	25.99	26.96	Direct
123	Deepening of pond with ghat construction at Muher village	Environmental Conservation	Singrauli	M.P 23.70	26.11	27.11	Direct
124	Deepening of pond with ghat construction at Bihara Gram Panchayat	Environmental Conservation	Singrauli	M.P 15.80	17.18	17.18	Direct
125	Deepening of pond and making pucca ghat for pond of Itma village	Environmental Conservation	Singrauli	M.P 19.37	23.11	23.11	Direct
126	Construction of PCC road of cluster-1 balance road in Nandgaon village	Rural Development Project	Singrauli	M.P 21.27	24.62	24.62	Direct
127	Construction of CC road and drain from Saraswati Shishu Mandir Boundary wall to Amlori main road in Nandgaon village	Rural Development Project	Singrauli	M.P 71.83	71.41	71.41	Direct
128	Skill Development, Sewing & Stitching Training	Skill Development	Singrauli	M.P 10.00	1.41	1.41	Direct
129	Workshop related to rights of old people	Welfare senior of citizens	Singrauli	M.P 0.20	0.20	0.20	Direct
130	Workshop related to Crime against women	Women Empowerment	Singrauli	M.P 0.20	0.20	0.20	Direct
131	Workshop related to child care	Health care	Singrauli	M.P 0.20	0.20	0.20	Direct
132	Traditional Dress Competition	Health care	Singrauli	M.P 0.20	0.20	0.20	Direct
133	Healthy baby Competition	Health care	Singrauli	M.P 0.25	0.25	0.25	Direct
134	Workshop related to nutrition	Health care	Singrauli	M.P 0.20	0.20	0.20	Direct
135	Quiz on the topic nationalism	Protection of National Heritage, Art & Culture	Singrauli	M.P 0.20	0.20	0.20	Direct
136	Animated movie for primary school children	Education	Singrauli	M.P 0.25	0.25	0.25	Direct
137	Cleanliness and House Keeping Camp	Health care	Singrauli	M.P 0.20	0.20	0.20	Direct
138	Promotion of village sports in the nearby villages of the Projects/Units with fund provision as at Nigahi Project	Promotion of sports	Singrauli	M.P 1.50	1.50	1.50	Direct
139	Distribution of sports item for students studying in Saraswati Shishu mandir, Nandgaon	Promotion of sports	Singrauli	M.P 0.50	0.45	0.45	Direct
140	Distribution of furniture for students studying in Shishu mandir, Nandgaon	Education	Singrauli	M.P 2.00	0.00	0.00	Direct
141	Workshop for adolescent girls and newly married women	Women Empowerment	Singrauli	M.P 0.20	0.20	0.20	Direct
142	Miscellaneous CSR Expenditure	Others	Singrauli	M.P 9.21	9.21	9.21	Direct
143	Deficit grant to schools for Non-NCL wards	Education	Singrauli	M.P 209.54	209.54	209.54	Direct
144	Health Camps care	Health	Singrauli	M.P 42	38.36	38.36	Direct
145	"Mobile Clinic" in villages of Singrauli (M.P)	Health care	Singrauli	M.P 5	4.44	4.44	Direct
146	Fee waiver for poor patients	Health care	Singrauli	M.P 5	4.63	4.63	Direct
147	Awareness about health to the children of 4 Schools bear by NSC Jayant and distribution of school bags, water bottle, tiffin box & colour material to school children	Health care	Singrauli	M.P 3	2.73	2.73	Direct
148	Deepening of pond at Piparkhda, Khirwa and Ajgurh	Environmental Conservation	Singrauli	M.P 72.18	12.37	72.17	Direct
149	3 Nos Submersible pump at Birkunia Village	Rural Development Project	Singrauli	M.P 25	8.96	12.40	Direct
150	Deepening of pond in Kanhwad village in Chatri Panchayat	Environmental Conservation	Singrauli	M.P 11.71	11.93	10.96	Direct
151	Construction of Hostel for SC/ST in ITI Waidhan	Welfare of SCs and STs	Singrauli	M.P 150	148.56	160.27	Direct
152	Construction of a conference hall in Saraswati Shishu mandir higher secondary school, singrauli	Education	Singrauli	M.P 22.53	23.31	23.31	Direct
153	Construction of pond in Baghi, Robertsganj	Environmental Conservation	Sonebhadra	M.P 21.38	20.32	20.32	Direct



1	2	3	4	5	6	7	8
154	Installation of handpumps in Singrauli and Sonebhadra District	Drinking water	HQ	M.P	150	155.95	Direct
155	Development of Playground at Piparkhad Govt. School and Govt. Higher Secondary School, Karela	Education	HQ	M.P	5.0	4.81	Direct
156	Construction of a Check Dam at Medhauri	Environmental Conservation	HQ	M.P	13.50	14.58	Direct
157	Development of pond near Singrauli Railway Station and at Medhauri	Environmental Conservation	HQ	M.P	23.71	12.32	Direct
158	Construction of Sulabh Souchalaya at Ghorawal International	Sanitation	HQ	U.P	53.47	53.47	Sulabh
159	Construction of Community Hall at Ghorawal International	Rural Development Project	HQ	U.P	51.27	27.68	Sulabh
160	Construction of waiting hall at District Collectors office at Waidhan	Rural Development Project	HQ	M.P	55.67	60.04	Direct
161	Construction of 8 rooms at Karela Govt. Higher Secondary School	Education	HQ	M.P	47.97	23.98	Direct
162	Development of playground and construction of 3 laboratories at Ambedkar Smriti High School, Singrauli	Education	HQ	M.P	16.30	17.00	Direct
163	Providing 4 nos submersible pumps at Birkunia, Piparkhad, Chitrangi & Sarai	Rural Development Project	HQ	M.P	2.00	2.04	Direct
164	Provision of cooling plant at Railway Station Singrauli	Drinking water	HQ	M.P	15.08	11.31	Direct
165	Construction of houses for Baiga Tribe people	Welfare of SCs and STs	HQ	M.P	100.00	0.70	Direct
166	Opening of ITI in Singrauli	Skill Development	HQ	M.P	50.00	20.59	Direct
167	Financial assistance to District Athletics Association Sonebhadra for organizing 50th Annual Athletics Championship 2016 at Sonebhadra	Promotion of sports	HQ	U.P	4.60	4.60	Direct
168	Organized 3 days (22nd to 24th May 2016) Adventure and Water sports training programme for ST & SC children during Singrauli Mahotsava	Promotion of sports	HQ	M.P	10.00	10.00	Direct
169	Purchase of sports items for students studying in govt. schools of Churki, Pateri and Aigurh Village during Singrauli Mahotsava	Promotion of sports	HQ	M.P	1.45	1.45	Direct
170	Organizing Art & Cultural events in Annual Singrauli Mahotsava	Protection of National Heritage, Art & Culture	HQ	M.P	2.00	2.00	Direct
171	Contribution to U.P. Sainik Punarwas Nidhi	Welfare of the Armed forces veterans and war widows	Lucknow	U.P	20.00	20.00	U.P. Sainik Punarwas Nidhi
172	Contribution to Namami Gange, Clean Ganga Fund	Contribution towards Clean Ganga Fund	New Delhi	Delhi	20.00	20.00	Clean Ganga Fund
173	Supply of floor mounted Garbage Bins 50 nos to Nagar Niram Singrauli (including grousing of bins)	Sanitation	HQ	M.P	5.67	5.67	Direct
174	Organized 4 day training programme for farmers of near by villages (Karela, Churki, Aigurh & Birkuniya)	Skill Development	HQ	M.P	1.00	0.93	Direct
175	Resurfacing of road from Singrauli Railway station to parsohar	Rural Development Project	HQ	M.P	7.7	68.57	Direct
176	Electrification of link roads of 5 different tola/basti in Bairhwa Panchayat, Chitrangi Block of Singrauli District	Rural Development Project	HQ	M.P	66.33	66.33	Direct
177	Final installment of 100 Units Poultry Project	Welfare of SCs and STs	HQ	M.P	25	25.00	Zila Panchayat Singrauli
178	First installment of 300 Units of Poultry Project	Welfare of SCs and STs	HQ	M.P	75	75.00	Zila Panchayat Singrauli
179	Construction of toilets under Swachha Vidyalaya Abhiyaan	Swachha Vidyalaya Abhiyaan	HQ	M.P	1637.6	1346.03	Hindustan Prefab Limited
180	Final payment to Hindustan Prefab Limited under SVA	Swachha Vidyalaya Abhiyaan	HQ	M.P	583.81	583.81	Hindustan Prefab Limited





1	2	3	4	5	6	7	8	
181	Installation of solar street lights in Bhadohi District of U.P	Rural Development Project	HQ	Bhadohi	U.P	35.00	35.00	Uttar Pradesh Small Industries Corporation Ltd.
182	Installation of 100 hand pumps each in Foolpur & Bhadohi Districts	Drinking water	Foolpur & Bhadohi	Foolpur & Bhadohi	U.P	37.86	37.86	Uttar Pradesh Small Industries Corporation Ltd.
183	Supply of 34 nos school desk cum benches to Kareila Sr. Secondary School	Education	HQ	Singrauli	M.P	1.97	1.97	Direct
184	Imparting training on Tailoring & Stiching to women of nearby villages	Skill Development	HQ	Singrauli	M.P	1.00	1.00	Direct
185	Contribution to NSDF (National Sports Development Fund), Department of Sports, Shashtri Bhawan,	Promotion of sports	New Delhi	New Delhi	Delhi	10.00	10.00	National Sports Development Fund
186	Grant in aid for new band instruments and uniform for band group of Christ Jyoti School, Singrauli	Education	HQ	Singrauli	M.P	1.00	1.00	Direct
187	Renovation of Health Institute at Sarat & Chitrangi	Health care	HQ	Singrauli	M.P	13.02	13.02	Direct
188	2nd installment for construction of auditorium of S.G.S P.G Govt. college at Siddhi	Education	HQ	Singrauli	M.P	59.20	59.20	S.G.S P.G Govt. college, Siddhi
189	Financial assistance to Rewa Sports Club for Tennis Tournament	Promotion of sports	HQ	Singrauli	M.P	1.00	1.00	Direct
190	Financial assistance to Shakti Sangeet Kala Parishad Shaknagar for organizing cultural activity	Protection of National Heritage, Art & Culture	HQ	Sonebhadra	U.P	1.00	1.00	Direct
191	Financial assistance to Rajyog Educational & Research Foundation for imparting life skills	Skill Development	HQ	Sonebhadra	U.P	1.00	1.00	Direct
192	Deficit Grant to schools nearby NCL projects and hq for non-NCL Wards	Education	HQ	Singrauli	M.P	251.26	251.26	Direct
193	Repair of 796 toilets in Anupur District under CSR	Swachha Vidyalaya Abhiyaan	HQ	Singrauli	M.P	830.20	484.36	Rajya Shiksha Kendra, Bhopal
194	Distribution of Blankets to BPL families of Singrauli & Sonebhadra Districts	Rural Development Project	HQ	Singrauli & Sonebhadra	U.P & Sonebhadra	10.00	9.63	Direct
195	Distribution of Aids & Appliances to Disabled people in Singrauli & Sonebhadra	Welfare of the differently abled	HQ	Singrauli & Sonebhadra	U.P & Sonebhadra	50.00	50.00	ALIMCO
196	Assistance to Shri Gyanesh Pathak for training in Javelin	Promotion of sports	HQ	Singrauli	M.P	2.00	2.00	Direct
197	Administrative cost of CSR Staff at NCL Headquarter	Admin Exp	HQ	Singrauli	M.P	132.65	132.65	Direct
198	Sulabh sauchalaya in Singrauli	Sanitation	HQ	Singrauli	M.P	35.65	33.86	Sulabh International
199	Construction of toilets under Swachha Vidyalaya Abhiyaan through ZSK, Singrauli	SVA	HQ	Singrauli	M.P	99.40	64.39	ZSK Singrauli
200	Construction of toilets under Swachha Vidyalaya Abhiyaan through ZSK, Shivpuri	SVA	HQ	Singrauli	M.P	314.90	201.55	ZSK Shivpuri
201	Construction of additional room & hall at Pidartali	Education	HQ	Singrauli	M.P	0.38	0.38	Direct
202	Installation of 250 number Handpumps in nearby districts (Binay Kumar Singh)	Drinking water	HQ	Singrauli	M.P	0.31	0.31	Direct
203	Construction of toilets under Swachha Vidyalaya Abhiyaan through ZSK, Seoni	SVA	HQ	Singrauli	M.P	77	31.96	ZSK Seoni
204	Expenses for SVA event on 02.01.2015 at airforce auditorium, New Delhi	SVA	HQ	Singrauli	M.P	2.03	2.03	Direct
						10128.06	7733.00	9801.13





NORTHERN COALFIELDS LIMITED

ANNEXURE-VII TO THE DIRECTOR'S REPORT

Brief Profile of Directors

1. Shri Tapas Kumar Nag, CMD (DIN 02219348)

Shri T K Nag (59) is the Chairman-cum-Managing Director of Northern Coalfields Limited, Singrauli. He Graduated in Mining in the year 1979, from the Indian School of Mines (ISM), Dhanbad, A premier Mining Institute.

He joined as JET in Bachra Colliery under NK Coalfields, Central Coalfields Ltd (CCL) and rose to the position of Project Officer, Piparwar. In 2002, he was transferred to GEVRA Project under SECL as Project Officer and worked there till February, 2006. During his stint as Project Officer at GEVRA Project, he played a key role in introduction of Surface Miner for the first time in SECL and production of the mine went up from 18 – 26 Mill. Tes. He is credited with carrying out various systematic improvements in transportation circuits which led to optimization of resources and resulted in huge saving in transportation cost of the project. On getting promoted to the post of CGM, he was posted in Sohagpur Area of SECL which consisted of both Underground and Opencast mines with an unique distinction of having a Dragline project as well as a Longwall project. He acquired rich experience of handling both UG & OC mines assignments during his career spread over a period of more than 35 years.

He became Director of CCL in May 2008, worked as Director (T/P&P) from 24-5-08 to 31-7-08 and as Director (Tech/Oprn) from 01-8-2008 to 29-9-2014. During his tenure as Director (Tech) of CCL, production reached to an all-time high figure of 48.10 Mill. Te during 2012-13. He took charge as CMD, NCL on 30th September, 2014.

Shri Nag attended three and half months course on Advanced Underground mining at Wollongong University in New South Wales, Australia, in the year 1992 on the subject of Long Wall mining & Roof Bolting technology.

Shri Nag had undergone training in Advanced Management at Asia Institute of Management, Manila and Phillipines in the year 2009 and at Cambridge University in UK in the year 2001.

He has been conferred upon with many awards like "e-India Award"2013 , Eminent Engineers Award 2012" by organisations of national and international repute. He has to his credit various publication on varied subjects like Clean Coal technology, Study of Mine Fires, difficulty in Land Acquisition, Safety issues in deep opencast mines, Coal Washing and other technologies and so on.

He is a Council member of Mining, Metallurgical & Geological Institute of India (MGMI) apart from being Life Member and Chartered Engineer of Institution of Engineers. Presently, he is the Vice President of MGMI.

2. Shri R.K. Sinha, Official Part-time Director (DIN -05351383)

Shri Rajesh Kumar Sinha(51) is an IAS Officer of 1994 Batch, Kerala Cadre. Presently he is posted as Joint Secretary, Ministry of Coal, Govt. of India. He was posted as Official Part-time Director on NCL Board w.e.f. 20/04/2015.

Prior to this, Shri Sinha held the post of Collector, Idukki, Kerala and GM, Kerala Fin Corpn., Director, Ministry of Urban Development, Registrar, Delhi University, Secretary Finance (Exp.) Govt. of Kerala before joining as Joint Secretary, Ministry of Coal, Govt. of India. Shri Sinha is also a Member on the Board of Northern Coalfields Limited as Part Time Official Director since February, 2016 . Besides, he is also a part-time official Director in Coal India Limited.

3. Shri S.N. Prasad, Official Part-time-Director (DIN -07408431)

Shri Shyam Nandan Prasad(57) was appointed as Official Part-time Director on NCL Board w.e.f. 17/02/2016. He formally took over charge as Director (Marketing) of the coal mining monolith Coal India Limited, Kolkata on 1st February'2016.





Shri S.N. Prasad is an MBA (Marketing) and has joined as Management Trainee (Marketing) in the year 1982 in Coal India Limited. He has been working in the field of marketing for more than 33 years and gained experience from working in the mines - pit heads, coal stock yards, CHPs etc. and to Corporate Office of subsidiaries. He has worked in the CIL subsidiaries of Central Coalfields Limited, Western Coalfields Limited and South Eastern Coalfields Limited on various positions including General Manager (S&M) before joining as Director (Marketing) in Coal India Limited

4. **Shri S.K. Maheshwari, Non-Official Part-time Director (DIN 00190044)**

Mr. Sanjeev Kumar Maheshwari (52), the Part Time Non-official Director of our company (appointed w.e.f. 17/01/2015), is a practicing chartered accountant. A fellow member of The Institute of Chartered Accountants of India. He has a career spanning over 27 years of contribution in different field of Audits, Corporate Laws, Tax Laws, Corporate Management Consultancy, Financial Management etc. He had been a Member of Regional Direct Tax Advisory Committee of Agra Charge. He had also been on the Boards of various companies and also held various offices in branch as well as member in committees of regional council of ICAI. He joined the Board of our company in 2016.

5. **Prof. A.K. Agrawal, Non-Official Part-time Director (DIN 07366810)**

Prof. Arun Kumar Agrawal (66) was appointed as Non-Official Part-time Director on NCL Board w.e.f. 17/11/2015). He is a retired Professor of Computer Science & Engineering, IIT (BHU) Varanasi. He holds two post graduate degrees, one in Physics from IIT Kanpur and the other in Computer Science from Stony Brook USA. He graduated from Allahabad University in 1969 with three academic Gold Medals. He is a National awardee for a pioneering book in Hindi on Computers in 1990. He holds two honorary key posts in Ramakrishna Mission for Social Service.

6. **Ms Shantilata Sahu, Director(Personnel) (DIN 0188885)**

Ms Shantilata Sahu(59), Director (Personnel), born in Berhampur, Odisha is a Science Graduate and Post Graduate in Labour and Social Welfare. She also holds Law Degree. Ms. Sahu started her professional career as a Labour Officer in Directorate of Labour and Employment, Odisha Government. She joined as a Personnel Officer in National Aluminium Company (NALCO) in 1982 where she worked in different capacities for 25 years till 2007. She joined as Director (Personnel) in Northern Coalfields Limited (NCL), a subsidiary company of Government of India's Maharatna Company, Coal India Limited in January,2008.

She has been awarded with many reputed awards for her management leadership skills which include '100 Most Influential HR Leaders of India', '100 Most Able HR Leaders', Most Influential HR Professionals in Asia', 'Super Women Achievers Award', 'Rajbhasha Shri Samman', and 'Rajbhasha Kirti Samman'.

7. **Shri Gunadhar Pandey, Director(Tech/Op) (DIN 07124780)**

Shri Gunadhar Pandey(57), Director(Tech/Op), started career in the Mining Industry as Junior Executive in Central Coalfields Limited in the year 1982. He has worked in different capacities in different underground and opencast mines. He has worked in mega project in Eastern Coalfields Ltd, Sanctoria and Central Coalfields Ltd, and now presently at Northern Coalfields Ltd. He has experience of land acquisition of different states viz., Jharkhand, West Bengal and Madhya Pradesh/Uttar Pradesh, obtaining environmental and forest clearances and statutory requirement of establishing and consent to operate. As General Manager of Rajmahal Area, ECL achieved highest coal production and earned highest profit.

Shri Pandey has done B.Tech (Mining) from Indian School of Mines, Dhanbad in the year 1982. He also holds First Class Mine Manager's Competency Certificate. He has visited China, one of the major coal producers in the Asian countries in the year 2010 for training in mega projects of underground and opencast mines. He has also visited coal mines of Australia - from 7.9.2015 to 15.9.2015 along with members of CIL Safety Board and others to enhance safety and occupational health standard in the mines of CIL.

Currently he is working as Director (Technical) Operations in Northern Coalfields Ltd., having highly mechanized 10 Large Open Cast Projects since 1st Feb'2015 and responsible for efficient functioning of





NORTHERN COALFIELDS LIMITED

the Company for achieving corporate objectives & performance parameters like production, dispatch and sales with due regard to safety, conservation, environment, sustainability, quality and social obligation for vital role in contribution towards national energy requirement and to attain all performance parameters by smooth and efficient function of the Company.

8. Shri P.S.R.K. Sastry, Director (Finance) (DIN 07163164)

Shri P.S.R.K. Sastry(59), Director (Finance) after joining Coal India Limited as an Accountant in the year 1981 has worked in different capacities in the Finance Department of different Subsidiaries of Coal India Ltd. He has worked at Headquarters/Projects of SECL, Mahanadi Coalfields Limited, Western Coalfields Limited. He joined Northern Coalfields Limited, Singrauli on 1st April 2015 as Director (Finance). Shri Sastry holds qualifications of B. Com., A.C.A., PGDBA, MBA (Finance) awarded by Indira Gandhi Open University and certification course in oracle financials.

He has rich experience in various matters like finalization of Accounts, Taxation, Costing, Corporate Treasury Management etc. Also instrumental in getting income tax cases settled at various levels like Commissioner of Income Tax Office, Tribunal etc. without having help from any consultant and obtained refund to the tune of Rs. 450.00 crores in cash from Income Tax Department.

9. Shri J.L. Singh, Director (Tech/P&P) (DIN 07315091)

Shri Jawahar Lal Singh, (59), (DIN- 07315091) is the Director (Technical) of Northern Coalfields Limited. Shri Singh has graduated in Mining Engineering from Indian School of Mines, Dhanbad in the year 1979. In the same year, he joined Central Coalfields Limited as Junior Executive Trainee. He holds First Class Mine Manager's Certificate of Competency. He worked for the first 21 years in different mines of CCL in the capacity of Assistant Manager, Manager and Project Officer.

He was transferred to Bharat Coking Coal Limited in year 2001 and worked as Project Officer of different projects and as Additional General Manager of Katras Area.

In the year 2008, he was again transferred to CCL where he worked as General Manager of different departments at Headquarter. He has travelled to Sweden, Switzerland and Germany under advance management programme of CIL in 2014 and visited important underground and opencast mines there besides participating in University classes.

In 2015, he joined NCL as Director (Technical). He is presently working as Director (Technical)/Project and Planning and is responsible for formulation/approval /implementation of new projects, environmental and forest clearances, sales & marketing, land acquisition and resettlement, contract management, development of infrastructures and sustainable growth of the company.

10. Dr. S.M.Jharwal, Non Official Part time Director (07750725)

Dr. S.M.Jharwal (66) is PhD in Economics and was a member of the Indian Economic Service. Currently, he is Chancellor of a Central University viz. Indira Gandhi National Tribal University, Amarkantak (MP) (A Central University established by GOI).

- Member of the Jury chaired by Hon'ble Vice President of India to decide on Ambedkar National Awards since 2013.
- Independent External Monitor in CMPDIL, Coal India, GOI.
- He has served for more than five years at the level of Secretary to the Government of India and retired as Chairman, National Pharmaceutical Pricing Authority. Has experience in variety of areas such as materials management in PSUs, Railways, Warehousing, Transport, Tourism, Social Sectors (Education, Health and SC & ST issues), PDS, Pricing of Agricultural & Pharmaceutical Products, Telecom Development, Public Enterprises, Small Scale and ancillary Industries, Employment & Manpower Planning. Worked as Chairman and Member of many committees and Working Groups set up by the Government of India. He has travelled far and wide covering about 250 districts in the country
- Visited foreign countries including USA, France, Germany, Japan, Thailand, Mexico, Russia, UK, Italy & Belarus to deliberate on various policy matters. Served as Advisor to a number of National and International bodies.





Other Experiences:

- i. Guest Speaker in many of the seminars, conferences and training programmes on Storage and Warehousing, Agriculture Price Policy, Materials Management, Manpower Planning and Employment Policy, Telecom Growth, Digital Divide, Economics of Telecom Development, Pharmaceutical Pricing, Development of Small Scale Industries and Public Distribution System.
- ii. Participated as a Member on the Selection Boards of UPSC, Staff Selection Commission, BALCO, UCO Bank, Fertiliser Corporation of India, BICP, HHEC, NTPC, PEC and NIDC.

11. Shri K.K. Sharma, Non Official Part Time Director:

Shri K.K. Sharma (57 years) is a graduate in Mechanical Engg. and MBA in Finance. He has an illustrious career spanning over 39 years of outstanding contribution in the areas of Mega-Budget Thermal, Hydro Power and Coal Mining Projects as a Professional Manager, Strategic Planner and a Business Leader. He has led several strategic initiatives for execution of projects as well as achieving operational excellence.

He had been Business Unit Head (BUH) of NTPC-SAIL Power Company Private Limited's Durgapur Station, General Manager of Farakka Super Thermal Power Station and General Manager of Hydro Electric Power Project of NTPC. He had Regional Executive Director (Hydro Region), Executive Director (Coal mining/ Coal Washeries), Regional Executive Director (East-II), Executive Director (Project Planning & Monitoring), NTPC and Chief Executive Officer of NTPC-SAIL Power Company Private Limited. Shri Sharma, through his multi-disciplinary approach in Engineering, O&M Management and financial areas, has made turnaround of NSPCL's Durgapur by ramping up PLF from 63% to 81% and of Farakka STPS from 69% to 81%. He played the pivotal role in resolving resettlement and rehabilitation issues in Koldam, getting forests and environment clearances for captive mines of NTPC, developing business process for mine development, Green Field Projects Construction, SAP implementation & introduction of ERP-PS module for on-line monitoring of projects.

As a Director (Operations), he is overall responsible for the activities relating to sustained operation including fuel management of all NTPC stations.





NORTHERN COALFIELDS LIMITED

ANNEXURE-VIII TO THE DIRECTOR'S REPORT

To

The Board of Directors,

Northern Coalfields Limited,

Singrauli

CEO AND CFO CERTIFICATION

We, T. K. Nag, *Chairman-cum-Managing Director, Northern Coalfields Limited* and P.S.R.K. Sastry, *Director (Finance) & C.F.O., Northern Coalfields Limited* responsible for the finance function, certify that:

- a. We have reviewed the Financial Statements of the Company for the Year ended March 31, 2017 together with Accounting Policies and Additional Notes thereon as well as Financial Results for the Year ended March 31, 2017 as per Regulation 33 of the SEBI (Listing Obligations and Disclosure Requirements) Regulations, 2015 and that to the best of our knowledge and belief:
 - i. These statements do not contain any materially untrue statement or omit any material fact or contain statements that might be misleading;
 - ii. These statements together present a true and fair view of the company's affairs and are in compliance with existing accounting standards, applicable laws and regulations.
- b. There are, to the best of our knowledge and belief, no transactions entered into by the company during the Year ending March 31, 2017 are fraudulent, illegal or violative of the company's code of conduct.
- c. We accept responsibility for establishing and maintaining internal controls for financial reporting and we have evaluated the effectiveness of internal control systems of the company pertaining to financial reporting and we have disclosed to the auditors and the Audit Committee, deficiencies in the design or operation of such internal controls, if any, of which they are aware and the steps they have taken or propose to take to rectify these deficiencies.
- d. We have indicated to the auditors and the Audit Committee that:
 - i. There has not been any significant changes in internal control over financial reporting during the period under reference;
 - ii. There has not been any significant change in accounting policies during the period.

However, there were changes in measurement and recognition of certain income/expenses and assets/liabilities necessitated by implementation / transition to Ind AS w.e.f 01.04.2015, which have been adequately disclosed in appropriate places in significant accounting policies and notes to the financial statements.

We also refer to notes to financial statements on "Transition to Indian Accounting Standards (Ind AS)"-para 1 and para 2 thereof; and

- iii. We have not become aware of any instance of significant fraud with involvement therein of the management or an employee having a significant role in the company's internal control system over financial reporting.

Sd/-

Director (Finance) & C.F.O.

DIN- 07163164

Northern Coalfields Limited

Sd/-

Chairman-cum-Managing Director

DIN- 02219348

Northern Coalfields Limited





ANNEXURE-IX TO THE DIRECTOR'S REPORT

Contracts or Arrangements with related parties U/s 188(1)

Form AOC-2

(Pursuant to clause (h) of sub-section(3) of section 134 of the Act and Rule 8(2) of the Companies (Accounts) Rules, 2014)

(Year 2016-17)

Form for disclosure of particulars of contracts/arrangements entered into by the company with related parties referred to in sub-section(1) of section 188 of the Companies Act, 2013 including certain arm's length transactions under third proviso thereto.

S.No.	Particulars	Details
1.	Details of contracts or arrangement or transactions not at arm's length basis	NIL
a	Name(s) of the related party and nature of relationship	N.A.
b	Nature of contracts/arrangements/transactions	N.A.
c	Duration of the contracts/arrangements/transactions	N.A.
d	Salient terms of the contracts or arrangements or transactions including the value, if any	N.A.
e	Justification for entering into such contracts or arrangements or transactions	N.A.
f	Date(s) of approval by the Board	N.A.
g	Amount paid as advances, if any:	N.A.
h	Date on which the special resolution was passed in general meeting as required under first proviso to section 188	N.A.
2.	Details of material contracts or arrangement or transactions at arm's length basis	
a	Name(s) of the related party and nature of relationship	NIL
b	Nature of contracts/arrangements/transactions.	N.A.
c	Duration of the contracts/arrangements/transactions	N.A.
d	Salient terms of the contracts or arrangements or transactions including the value, if any:	N.A.
e	Date(s) of approval by the Board if any: N.A.	
f	Amount paid as advances, if any	N.A.



Annexure- X

INFORMATION AND DETAILS OF REMUNERATION ETC. OF MANAGERIAL PERSONNEL (RULE 5(2) OF THE COMPANIES ACT, 2013 READ WITH COMPANIES (Appointment and Remuneration of Managerial Personnel), Rule 2014.

Sl. No.	Name	Desig./ Nature of work	Remuneration during the year (Rs.)	Nature of employment Permanent/temporary	Qualification (yrs)	Experience (yrs)	Date of commencement	Ages on 31 st March, 2017	Last employment held	% of eq. Shares held	Whether related to Dir./ Manager
1	2	3	4	5	6	7	8	9	10	11	12
Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil
<p>(a) Employed throughout the financial year under review and were in receipt of remuneration for that financial year in the aggregate of not less than Rs. 60,00,000/- Nil</p> <p>(b) Employed for the part of the financial year under review and were in receipt of remuneration for any part of that financial year at a rate which in the aggregate was not less than Rs. 5,00,000/- per month. Nil.....</p> <p>(c) Employed throughout the year or part and was in receipt of remuneration in excess of that drawn by MD/WTD/Manager and holds not less than two percent of equity shares of the company Nil.....</p>											





Annexure- XI to Director's Report

INDEPENDENT AUDITORS' REPORT AND MANAGEMENT REPLIES THERETO

TO THE MEMBERS OF NORTHERN COAL FIELDS LIMITED

We have audited the accompanying Ind AS financial statements of NORTHERN COALFIELDS LIMITED ("the Company"), which comprise the Balance Sheet as at 31st March, 2017, and the Statement of Profit and Loss (including Other Comprehensive Income), the Cash Flow Statement and the Statement of Changes in Equity for the year then ended, and a summary of the significant accounting policies and other explanatory information. In these financial statements are the financial statements of six project/ branches and head quarter audited by us and seven projects/branches audited by other project/ branch auditors.

Management's Responsibility for the Financial Statements

The Company's Board of Directors is responsible for the matters stated in Section 134(5) of the Companies Act, 2013 ("the Act") with respect to the preparation of these Ind AS financial statements that give a true and fair view of the state of affairs(financial position), profit or loss (financial performance including other comprehensive income), cash flows and changes in equity of the Company in accordance with the accounting principles generally accepted in India, including the Indian Accounting Standards (Ind AS) prescribed under section 133 of the Act.

This responsibility also includes maintenance of adequate accounting records in accordance with the provisions of the Act for safeguarding the assets of the Company and for preventing and detecting frauds and other irregularities; selection and application of appropriate accounting policies; making judgments and estimates that are reasonable and prudent; and design, implementation and maintenance of adequate internal financial controls, that were operating effectively for ensuring the accuracy and completeness of the accounting records, relevant to the preparation and presentation of the Ind AS financial statements that give a true and fair view and are free from material misstatement, whether due to fraud or error.

Auditor's Responsibility

Our responsibility is to express an opinion on these Ind AS financial statements based on our audit. We have taken into account the provisions of the Act, the accounting and auditing standards and matters which are required to be included in the audit report under the provisions of the Act and the Rules made thereunder.

We conducted our audit of the Ind AS financial statements in accordance with the Standards on Auditing specified under Section 143(10) of the Act. Those Standards require that we comply with ethical requirements and plan and perform the audit to obtain reasonable assurance about whether the Ind AS financial statements are free from material misstatement.

An audit involves performing procedures to obtain audit evidence about the amounts and the disclosures in the Ind AS financial statements. The procedures selected depend on the auditor's judgment, including the assessment of the risks of material misstatement of the Ind AS financial statements, whether due to fraud or error. In making those risk assessments, the auditor considers internal financial control relevant to the Company's preparation of the Ind AS financial statements that give a true and fair view in order to design audit procedures that are appropriate in the circumstances. An audit also includes evaluating the appropriateness of the accounting policies used and the reasonableness of the accounting estimates made by the Company's Directors, as well as evaluating the overall presentation of the Ind AS financial statements.

We believe that the audit evidence we have obtained is sufficient and appropriate to provide a basis for our audit opinion on the Ind AS financial statements.



Opinion

In our opinion and to the best of our information and according to the explanations given to us, the afore said Ind AS financial statements give the information required by the Act in the manner so required and give a true and fair view in conformity with the accounting principles generally accepted in India including the Ind AS, of the state of affairs (financial position) of the Company as at 31st March, 2017, and its profit (financial performance including other comprehensive income), its cash flows and the changes in equity for the year ended on that date.

Emphasis of Matters

AUDITOR'S REPORT	MANAGEMENT'S REPLY
(a) Note No. 38 (5) (a), Contingent liability of the accompanying financial statements which describes the uncertainty related to outcome of the law suits filed and demands raised against the company by various parties and Government authorities.	—
(b) Balances under non- current loans and advances, noncurrent assets, trade receivables, other current assets, trade payable, non- current liabilities and other current liabilities have not been confirmed in most of the cases. Consequential impact on confirmation/ reconciliation of such balances, if any is not ascertainable.	Trade receivables are periodically reconciled on regular basis. In respect of trade payables & other current Liabilities, system for obtaining confirmation is there, although in most of the cases response from the creditors are not received. However, effort will be taken to increase the coverage area.

Our opinion on the financial statement and our report on other legal and regulatory requirement is not qualified in respect of above matters.

Report on Other Legal and Regulatory Requirements

- 1.1 As required by the Companies (Auditor's Report) Order, 2016 ("the Order") issued by the Central Government in terms of Section 143(11) of the Act, we give in "Annexure A" a statement on the matters specified in paragraphs 3 and 4 of the Order.
- 1.2 As required u/s 143(5) of the Companies Act 2013, we give in the **Annexure 'C' & 'D'**, a statement on the directions issued by the Comptroller and Auditor General of India after complying the suggested methodology of Audit, the action taken thereon and its impact on the accounts and financial statement of the company.

2. As required by Section 143(3) of the Act, we report that:

- (a) We have sought and obtained all the information and explanations which to the best of our knowledge and belief were necessary for the purposes of our Audit.
- (b) In our opinion, proper books of account as required by law have been kept by the Company so far as it appears from our examination of those books and proper returns adequate for the purposes of our audit have been received from the project offices not visited by us.
- (c) The reports on the accounts of the seven other project offices of the Company audited under Section 143(8) of the Act by project/ branch auditors have been sent to us and have been properly dealt with by us in preparing this report.
- (d) The Balance Sheet, the Statement of Profit and Loss, the Cash Flow Statement and Statement of





ANNUAL REPORT 2016-17

Changes in Equity dealt with by this Report are in agreement with the books of account and with the returns received from the project offices not visited by us.

- (e) In our opinion, the aforesaid Ind AS financial statements comply with the Indian Accounting Standards prescribed under section 133 of the Act.
- (f) On the basis of the written representations received from the directors as on 31st March, 2017, taken on record by the Board of Directors, none of the directors is disqualified as on 31st March 2017, from being appointed as a director in terms of Section 164(2) of the Act
- (g) With respect to the adequacy of the internal financial controls over financial reporting of the Company and the operating effectiveness of such controls, refer to our separate report in “**Annexure B**”.
- (h) With respect to the other matters to be included in the Auditor’s Report in accordance with Rule 11 of the Companies (Audit and Auditors) Rules, 2014, in our opinion and to the best of our information and according to the explanations given to us:
 - i The Company has disclosed the impact of pending litigations on its financial position in its Ind AS financial statements; (**Refer Note No. 38(5)(a)**)
 - ii The Company has made provision, as required under the applicable law or accounting standards, for material foreseeable losses, if any, on long term contracts including derivative contracts;.
 - iii There has been no delay in transferring amounts, required to be transferred, to the Investor Education and Protection Fund by the Company.
 - iv The company has provided requisite disclosures in the financial statements as to holdings as well as dealings in Specified Bank Notes during the period from 8th November, 2016 to 30th December, 2016. Based on audit procedures and relying on the management representation we report that the disclosures are in accordance with books of account maintained by the company and as produced to us by the management. (**Refer Note No 14**)

For P.L. TANDON & Co.

Chartered Accountants

Registration Number: 000186C

Sd/-

P.P.SINGH

(PARTNER) (072754)

Place : Varanasi

Date : 26/05/2017

Sd/-

(T. K. Nag)

Chairman-cum-Managing Director

DIN- 02219348





NORTHERN COALFIELDS LIMITED

ANNEXURE "A"

ANNEXURE TO THE INDEPENDENT AUDITORS' REPORT Re: NORTHERN COALFIELDS LIMITED

The Annexure referred to in our Independent Auditors' Report to the members of the Company on the financial statements for the year ended 31st March, 2017, We report that:

AUDITOR'S REPORT	MANAGEMENT'S REPLY
xvii. In respect of its Fixed Assets:	
a. The company has maintained proper records showing full particulars including quantitative details and situation of Fixed Assets in general. However, in the cases of furniture and fixtures, light fittings and office equipments, the same have not been specifically linked up with the Fixed Assets Register.	—
b. All the assets have not been physically verified by the management during the year but there is a regular programme of verification which, in our opinion, is reasonable having regard to the size of the Company and the nature of its assets. No material discrepancies were noticed on such verification.	—
c. The company has acquired the leasehold land - in terms of notification issued by the Ministry of Coal under the provisions of Coal Bearing Area (Acquisition and Development) Act, 1957. The company is not holding the title deeds of freehold and leasehold land. The value of freehold land is Rs. 0.04 crores and lease hold land is Rs. 136.85 crores (net of depreciation).	The total land acquired by NCL is of 17,162.63 Ha, out of which 16,508.31 Ha of land is acquired under CBA Act. The notifications issued by the Ministry under Section 4, 7, 9 & 11 of CBA Act (A&D) of 1957 are the title deeds. (b) 471.13 Ha of land was acquired under LA Act. The award declared under Section 11 of LA Act by the State Govt. is the document of such acquisition and are the title deeds under LA Act. (c) Land acquired through direct purchase:- 95.48 Ha of land has been acquired under direct purchase. The registered sale deeds are available for the said land with the Head Office.
(d) Land acquired under lease:-84.71 Ha of land has been acquired under Lease Agreement from the Govt. of Madhya Pradesh for which lease deed are available with the Head Office. All details of the land as mentioned above are available on website https://www.coalindia.in/ .	—
xvii. In respect of its Inventories: As explained to us, inventories have been physically verified during the year by the management at reasonable intervals and discrepancies noticed on verification between physical stocks and the book records were not material.	The physical verification of stock of coal has been conducted at the end of the year by a team appointed by Coal India Ltd. Physical verification of stores and spares has been conducted during the year by the firms of Chartered/Cost Accountants appointed for this purpose.
xix. According to the information and explanations given to us, the Company has not granted any secured or unsecured loans to companies, firms or other parties covered in the register maintained under section 189 of the Act. Therefore the provisions of paragraph (iii) of the Companies (Auditor's Report) order, 2016, are not applicable to the company.	—
xx. In our opinion and according to the information and explanations given to us, the company has complied with the provisions of section 185 and 186 of the Act, with respect to the loans and investment made.	—
xxi. In our opinion and according to information and explanations given to us, the company has not accepted any deposits within the provisions of sections 73 to 76 or any other relevant provisions of the Act, therefore, the provisions of paragraph (v) of the Companies (Auditor's Report) order, 2016, are not applicable to the company.	—





ANNUAL REPORT 2016-17

AUDITOR'S REPORT						MANAGEMENT'S REPLY
xxii. We have broadly reviewed the books of account maintained by the Company, pursuant to the rules made by the Central Government, for maintenance of cost records under sub section (1) of section 148 of the Act and we are of the opinion that prima—facie the prescribed accounts and records have been maintained.						—
xxiii. According to the information and explanations given to us, in respect of statutory and other dues:						—
c) The Company is generally regular in depositing undisputed statutory dues including provident fund , Income Tax, Sales Tax, Service Tax, duty of Custom, duty of excise, value added tax, cess and other statutory dues as applicable to the Company with the appropriate authorities. As informed to us, the provision of Employees State Insurance Act is not applicable to the Company.						—
According to the information and explanations given to us, no undisputed amounts payable in respect of Provident fund, Income Tax, Sales Tax, Service Tax, Duty of Custom, Duty of Excise, Value Added Tax, Cess and other Statutory dues were in arrear as at 31 st March, 2017 for a period of more than six months from the date they became payable.						—
d) According to the records of the company, income tax, sales tax, service tax, custom duty, excise duty , value added tax and cess which have not been deposited on account of any dispute, are as follows :—						
Sl. No.	Name of the Statute	Nature of Dues	Amount (Rs. In Crore)	Period to which the amount relates	Forum where dispute is pending	
1.	Income Tax	Tax Deducted at source	27264	2007—08	Commissioner of Income Tax(TDS)	
		Income Tax	6207464250	2014—15	Commissioner of Income Tax (Appeal), Jabalpur	—
			60490798	Various years 05 from 1990—91 to 2004—05	MP High Court	
2.	Central Excise Act, 1994	Excise duty	3213603267	Various years from 2010—11 to 2014—15	CESTAT, New Delhi	—
3.	Finance Act, 1994	Service Tax	2498543056	Various years from 2005—06 to 2013—14	CESTAT, New Delhi	—
4.	M.P. VAT Act, Central Sales Tax Act, 1956, Entry Tax and M.P. Forest Act	MP VAT	1082921127	Various years from 2007—08 to 2014—15	1st Appellant Authority, Jabalpur Additional	
			11896685	Various years from 1998—99 to 2007—08	/Deputy Commissioner, Satna	—
			1331814811	Various years from 2007—08 to 2013—14	Commercial Tax Appellate Board, Bhopal	



AUDITOR'S REPORT			MANAGEMENT'S REPLY		
Sl. No.	Name of the Statute	Nature of Dues	Amount (Rs. In Crore)	Period to which the amount relates	Forum where dispute is pending
			78743008	Various years from 2001—02 and 2008—09	MP High Court, Jabalpur
		Central Sales Tax	4891810917	Various years from 1992—93 to 2014—15	1st Appellant Authority, Jabalpur
			1596565317	Various years from 1997—98 to 2010—11	Additional/Deputy Commissioner, Satna
			9524420	12—13	Additional Commissioner Grade II, (Appeal), Commercial Tax, Varanasi
			18491417	2012—13 & 2013—14	Appellate Authority Mirzapur
			2022504423	Various years from 2002—03 to 2014—15	Commercial Tax Appellate Board, Bhopal
			849542	2003—04 and 2007—08	MP High Court, Jabalpur
		Entry Tax	544645139	Various years from 1996—97 to 2014—15	1st Appellant Authority, Jabalpur
			13744800	2003—04	Additional/Deputy Commissioner, Satna
			1511874807	Various years from 1997—98 to 2013—14	Commercial Tax Appellate Board, Bhopal
			303952	2001—02	MP High Court, Jabalpur
		MP Forest Transit Fee	80000		MP Forest Department
5.	UP VAT Act & Entry Tax	UP VAT	55946582	Various years from 1988—89 to 2013—14	Appellant Authority, Robertsganj /Mirzapur
			11396242	Various years from 2012—13 to 2015—16	Additional Commissioner Grade II, (Appeal), Commercial Tax, Varanasi





ANNUAL REPORT 2016-17

AUDITOR'S REPORT						MANAGEMENT'S REPLY
Sl. No.	Name of the Statute	Nature of Dues	Amount (Rs. In Crore)	Period to which the amount relates	Forum where dispute is pending	
			101922365	Various years from 2007-08 to 2009-10	UP High Court, Allahabad	
		Entry Tax	42068505	2010-11 to 2013-14	1st Appellant Authority, Mirzapur	
			6730794	2011-12 to 2015-16	Additional Commissioner, Varanasi	
			2200000	2012-13	Additional Commissioner, Grade 2 (Appeal), Sonebhadra	
viii.	The company does not have any loans or borrowings from any financial institution, banks, Government or debenture holders during the year. Therefore, the provisions of paragraph 3 (viii) of the Companies (Auditor's Report) order, 2016, are not applicable to the company.					-
ix.	The company did not raise any money by way of initial public offer or further public offer (including debt instruments) and term loans during the year. However, the company has taken loan of Rs. 250.00 crores from the holding company – Coal India Limited.					-
x.	According to the information and explanations give to us, no material fraud by the company or on the company by its officer or employees has been noticed or reported during the year.					-
xi.	According to the information and explanations given to us and based on our examination of the records of the company, the company has paid/ provided for managerial remuneration in accordance with requisite approvals mandated by the provisions of section 197 read with schedule V to the Act,					-
xii.	In our opinion and according to the information and explanations given to us, the company is not a nidhi company. Therefore the provisions of paragraph 3 (xii) of the Companies (Auditor's Report) order, 2016, are not applicable to the company.					-
xiii.	According to the information and explanations given to us and based on our examination of the records of the company, transactions with the related parties are in compliance with section 177 and 188 of the Act, where applicable and details of such transactions have been disclosed in the financial statements as required by the applicable accounting standards.					-
xiv.	According to the information and explanations given to us and based on our examination of the records of the company, the company has not made any preferential allotment or private placement of shares or fully or partly convertible debentures during the year.					-
xv.	According to the information and explanations given to us and based on our examination of the records of the company, the company has not entered into non-cash transactions with directors or persons connected with him, Therefore the provisions of paragraph 3 (xv) of the Companies (Auditor's Report) order, 2016, are not applicable to the company.					-
xvi.	The company is not required to be registered under section 45 – IA of the Reserve Bank of India Act, 1934.					-

For P.L. TANDON & Co.
Chartered Accountants
Registration Number: 000186C

Sd/-
P.P.SINGH
(PARTNER)
Membership Number:072754

Sd/-
(T. K. Nag)
Chairman-cum-Managing Director
DIN- 2219348

Place : Varanasi
Date : 26/05/2017



TO THE INDEPENDENT AUDITORS REPORT OF EVEN DATE ON THE FINANCIAL STATEMENTS OF NORTHERN COALFIELDS LIMITED

Report on the Internal Financial Controls under Clause (i) of Sub—section 3 of Section 143 of the Companies Act, 2013 ("the Act")

We have audited the internal financial controls over financial reporting of NORTHERN COAL FIELDS LIMITED ("the Company") as of 31st March 2017 in conjunction with our audit of the financial statements of the Company for the year ended on that date.

Management's Responsibility for Internal Financial Controls

The Company's management is responsible for establishing and maintaining internal financial controls based on the internal control over financial reporting criteria established by the Company considering the essential components of internal control stated in the Guidance Note on Audit of Internal Financial Controls over Financial Reporting issued by the Institute of Chartered Accountants of India ('ICAI'). These responsibilities include the design, implementation and maintenance of adequate internal financial controls that were operating effectively for ensuring the orderly and efficient conduct of its business, including adherence to company's policies, the safeguarding of its assets, the prevention and detection of frauds and errors, the accuracy and completeness of the accounting records, and the timely preparation of reliable financial information, as required under the Companies Act, 2013.

Auditors' Responsibility

Our responsibility is to express an opinion on the Company's internal financial controls over financial reporting based on our audit. We conducted our audit in accordance with the Guidance Note on Audit of Internal Financial Controls over Financial Reporting (the "Guidance Note") and the Standards on Auditing, issued by ICAI and deemed to be prescribed under section 143(10) of the Companies Act, 2013, to the extent applicable to an audit of internal financial controls, both applicable to an audit of Internal Financial Controls and, both issued by the Institute of Chartered Accountants of India. Those Standards and the Guidance Note require that we comply with ethical requirements and plan and perform the audit to obtain reasonable assurance about whether adequate internal financial controls over financial reporting was established and maintained and if such controls operated effectively in all material respects.

Our audit involves performing procedures to obtain audit evidence about the adequacy of the internal financial controls system over financial reporting and their operating effectiveness. Our audit of internal financial controls over financial reporting included obtaining an understanding of internal financial controls over financial reporting, assessing the risk that a material weakness exists, and testing and evaluating the design and operating effectiveness of internal control based on the assessed risk. The procedures selected depend on the auditor's judgment, including the assessment of the risks of material misstatement of the financial statements, whether due to fraud or error.

We believe that the audit evidence we have obtained is sufficient and appropriate to provide a basis for our audit opinion on the Company's internal financial controls system over financial reporting.

Meaning of Internal Financial Controls over Financial Reporting

A company's internal financial control over financial reporting is a process designed to provide reasonable assurance regarding the reliability of financial reporting and the preparation of financial statements for external purposes in accordance with generally accepted accounting principles. A company's internal financial control over financial reporting includes those policies and procedures that (1) pertain to the maintenance of records that, in reasonable detail, accurately and fairly reflect the transactions and dispositions of the assets of the company; (2) provide reasonable assurance that transactions are recorded as necessary to permit preparation of





financial statements in accordance with generally accepted accounting principles, and that receipts and expenditures of the company are being made only in accordance with authorizations of management and directors of the company; and (3) provide reasonable assurance regarding prevention or timely detection of unauthorized acquisition, use, or disposition of the company's assets that could have a material effect on the financial statements.

Inherent Limitations of Internal Financial Controls Over Financial Reporting

Because of the inherent limitations of internal financial controls over financial reporting, including the possibility of collusion or improper management override of controls, material misstatements due to error or fraud may occur and not be detected. Also, projections of any evaluation of the internal financial controls over financial reporting to future periods are subject to the risk that the internal financial control over financial reporting may become inadequate because of changes in conditions, or that the degree of compliance with the policies or procedures may deteriorate.

Opinion

In our opinion, the Company has, in all material respects, an adequate internal financial controls system over financial reporting and such internal financial controls over financial reporting were operating effectively as at 31st March 2017, based on the internal control over financial reporting criteria established by the Company considering the essential components of internal control stated in the Guidance Note on Audit of Internal Financial Controls Over Financial Reporting issued by the Institute of Chartered Accountants of India except following.

- (i) The company needs to strengthen its internal control on inventory management , purchase transactions and bank transactions.
- (ii) The newly introduced accounting software require proper implementation,

For P.L. TANDON & Co.

Chartered Accountants

Registration Number: 000186C

Sd/-

P.P.SINGH

(PARTNER)

Membership Number:072754

Sd/-

(T. K. Nag)

Chairman-cum-Managing Director

DIN- 02219348

Place : Varanasi

Date : 26/05/2017





NORTHERN COALFIELDS LIMITED

Annexure 'C'

ANNEXURE TO AUDITORS' REPORT

ADDITIONAL—DIRECTIONS UNDER SECTION 143(5) OF THE COMPANIES ACT, 2013 IN RESPECT OF NORTHERN COALFIELDS LIMITED, SINGRAULI FOR THE YEAR ENDED 31ST MARCH 2017

S. No.	Directions Issued	Statutory Auditor's Comment	Management's Reply
1	Whether coal stock measurement was done keeping in view the contour map. Whether physical stock measurement reports are accompanied by contour map in all cases? Whether new heap, if any, created during the year has got the approval of the competent authority?	Coal Stock measurement has been done keeping in view the contour map and physical verification of stock measurement reports are accompanied by contour map. We have been explained that new heap wherever created has got the approval of competent authority.	---
2	Whether the company conducted physical verification of assets and properties at the time of merger/ split/ re—structure of an Area. If so, whether the concerned subsidiary followed the requisite procedure?	Not applicable.	---
3	Whether uniform treatment of land acquisition entries as well as interest on delayed payment of land compensation to the Project Affected Persons (PAPs) across the subsidiaries have been considered during the preparation of Annual Accounts for the year 2016—17.	The Company has uniform treatment of land acquisition entries as well as interest on delayed payment of land compensation to the Project Affected Persons (PAPs)	---
4	Whether disputes if any, as to GCV ranges as a result of sampling have been duly examined].	Yes, it has been duly examined and provision amounting to Rs 73.23 Crores is being made in the Accounts for the Year.	---

For P.L. TANDON & Co.
Chartered Accountants
Registration Number: 000186C

Sd/-
P.P.SINGH
(PARTNER)
Membership Number:072754
Place : Varanasi

Sd/-
(T. K. Nag)
Chairman-cum-Managing Director
DIN- 02219348





ANNEXURE TO AUDITORS' REPORT
ADDITIONAL—DIRECTIONS UNDER SECTION 143(5) OF THE COMPANIES ACT, 2013
IN RESPECT OF NORTHERN COALFIELDS LIMITED,
SINGRAULI FOR THE YEAR ENDED 31ST MARCH 2017

S. No.	Directions Issued	Statutory Auditor's Comment	Management's Reply
1	Whether the Company has clear title/lease deeds for freehold and leasehold respectively? If not, please state the area of freehold and leasehold land for which title/lease deeds are not available?	It has been explained that company has acquired freehold/ leasehold land in terms of notification issued by Ministry of Coal under Provisions of Coal Bearing Area (Acquisition & Development) Act, 1957. Company is not holding title deeds of Freehold and Leasehold Land. Value of Freehold Land — Rs.0.04 Crore (area not available) and Leasehold Land— Rs. 136.85 crores (17162.63 Ha.).	The total land acquired by NCL is 17,162.63 Ha, out of which 16,508.31 Ha of land is acquired under CBA Act. The notifications issued by the Ministry under Section 4, 7, 9 & 11 of CBA Act (A&D) of 1957 are the title deeds. (b) 471.13 Ha of land was acquired under LA Act. The award declared under Section 11 of LA Act by the State Govt. is the document of such acquisition and are the title deeds under LA Act. (c) Land acquired through direct purchase:—95.48 Ha of land has been acquired under direct purchase. The registered sale deeds are available for the said land with the Head Office. (d) Land acquired under lease:—84.71 Ha of land has been acquired under Lease Agreement from the Govt. of Madhya Pradesh for which lease deed are available with the Head Office. All details of the land as mentioned above are available on website https:// www.coalindia.in/ .
2	Whether there are any cases of waiver/write off of debts/loans interest etc., if yes, the reasons there for and amount involved.	There is one case of Write off of Rs. 0.32 crores. Details of Write off is as under:Provision written off relating to Old Gorbi Project on account of unrecovered amount of levies on Road Sale, lying for more than 20 years.	---
3.	Whether proper records are maintained for inventories lying with third parties & assets received as gift/grant(S) from the govt. or other authorities.	There is no stock lying with third parties.The company has received Rs. 6.87 crores as CCDA Grant from Ministry of Coal, Govt. of India in terms of Coal Mine (Conservation & Development) Act, 1974 towards reimbursement of expenditure for Development of Transportation Infrastructure in Coalfield Areas (Khadia Project). Company has credited the amount of grant under separate head of account and disclosed in balance sheet separately in Note 22 to Balance Sheet. However construction of road in respect of which grant received, is still under construction.	---

For P.L. TANDON & Co.
Chartered Accountants
Registration Number: 000186C

Sd/-
(T. K. Nag)
Chairman-cum-Managing Director
DIN- 02219348

Sd/-
P.P.SINGH
(PARTNER)
Membership Number:072754
Place : Varanasi

