### कोल इण्डिया लिमिटेड महारत्न कंपनी

3 तल्ला, कोर-2 प्रेमिसेस-04-एमआर,प्लॉट-ए एफ-III,एक्शन एरिया, न्यूटाउन, रजरहट, कोलकाता-700156 फोन 033-२३२४६५२६,फैक्स-033-२३२४६५१० ई मेल: mviswanathan2.cil@coalindia.in

वेबसाइट: www.coalindia. in



Coal India Limited A Maharatna Company (A Govt. of India Enterprise)

3rd floor, Core-2

Premises no-04-MAR, Plot no-AF-III, Action Area-1A, Newtown, Rajarhat, Kolkata-700156 PHONE; 033-2324-6526, FAX; 033-23246510 E-MAIL: mviswanathan2.cil@coalindia.in WEBSITE: www.coalindia.in CIN- L23109WB1973GOI028844

Ref.No.CIL:XI(D):04157:2018:

To,
Listing Department,
Bombay Stock Exchange Limited,
14<sup>th</sup> Floor, P.J.Towers,
Dalal Street,
Mumbai – 400 001
Ref.: Scrip Code 533278

Dated:17.08.2018

To,
Listing Department,
National Stock Exchange of India Limited,
Exchange Plaza,
Bandra Kurla Complex,
Bandra (E),
Mumbai – 400 051.
Ref: ISIN – INE522F01014

### SUB:- Revised Presentation to Institutional Investors for Non deal Roadshow.

Dear Sir.

Further to our letter dated 17<sup>th</sup> August' 2018 on the above subject, we are attaching the revised presentation. There has been change in slide no 9 of attached presentation

This is in terms of Regulation 46(2) (o) of Listing Regulations 2015.

This is for your information and records please.

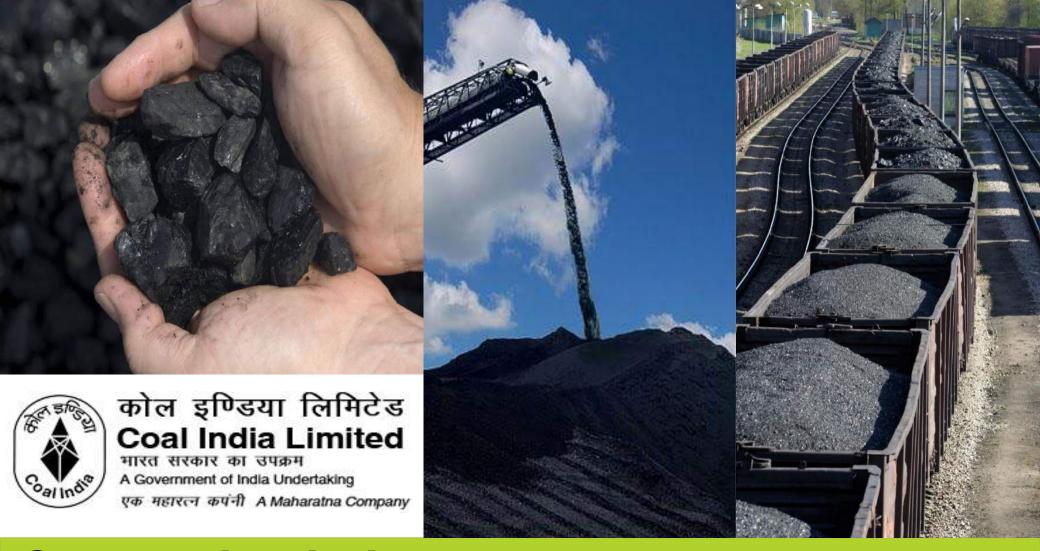
Yours faithfully,

(M.Viswanathan/एम विस्वनाथन)

Company Secretary/कंपनी सचिव

& Compliance Officer/कम्प्लायंस ऑफिसर

Encl: As above



### **Coal India Limited Corporate Presentation**

**AUGUST 2018** 



### **Industry Overview**



### Coal India Ltd. - Genesis, Vision & Mission

### 1975

- Nationalized coal mines under Coal Mines Authority Ltd. re-organised as Coal India Limited.
- Coal Production ~ 79 Mt

### **Today**

- Largest pure play coal producer in the world
- CIL was awarded prestigious 'Maharatna\*'status by GOI.
- Coal Production 137 Mt in Q1 FY19

### **VISION**

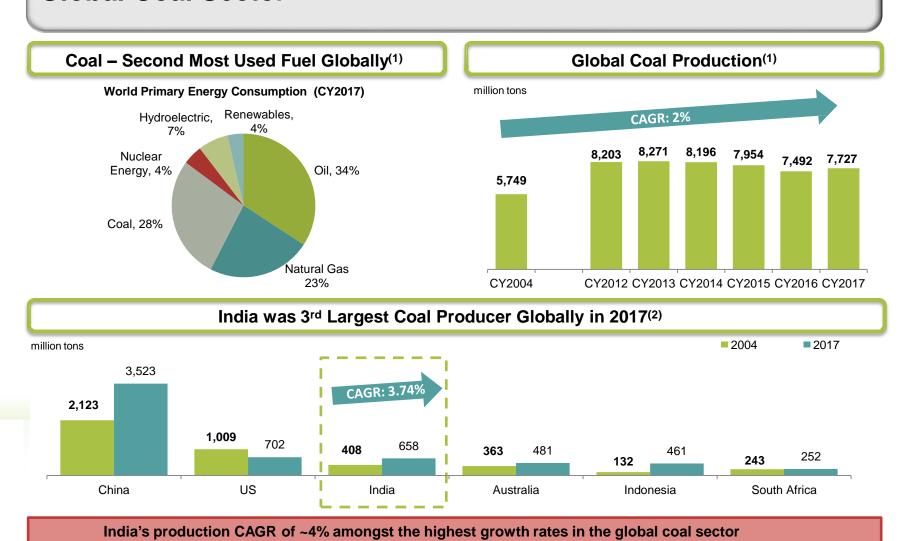
To emerge as a global player in the primary energy sector committed to provide energy security to the country by attaining environmentally & socially sustainable growth through the best practices from mine to market.

### **MISSION**

To produce and market the planned quantity of coal and coal products efficiently and economically in an eco-friendly manner with due regard to safety, conservation and quality.



### **Global Coal Sector**





### India's Coal Sector Overview

### Coal - India's Primary Source of Energy(1)

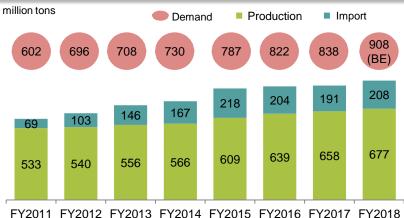
## India's Primary Energy Consumption (CY2017) in Mtoe Nuclear Energy, 1% 8.5 Hydroelectric, 4% 30.7 Renewables, 3% 21.8 Coal, 56% 424.0 Oil, 29% 222.1 Natural Gas,

Coal provides 56% of Indian energy needs & ~73% of the entire power generated in the country is coal based <sup>(5)</sup>

6%

46.6

### Demand Supply Scenario<sup>(2)</sup>



### Inventory of Geological Resources of Indian Coal (upto a depth of 1,200 meters) as on 01-Apr-2018<sup>(3)</sup>

Category	Proved	Indicated	Inferred	Total	% Share
Coking (billion ton)	20	13	3	36	11%
Non Coking including tertiary coal (billion ton)	129	126	28	283	89%
Total (billion ton)	149	139	31	319	100%
% Share	47%	44%	9%	100%	

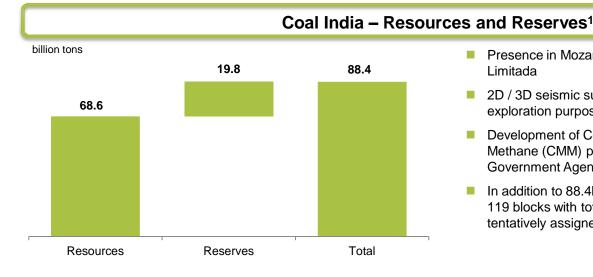
### Coal meets ~29% of the world's energy needs(1) and generates 41% of world's electricity(4)



### **Coal India Highlights**

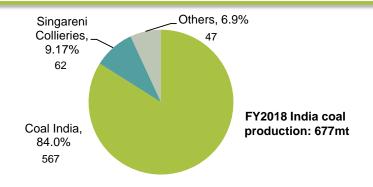


### Coal India: Key to India's Energy Security



- Presence in Mozambique through Coal India Africana Limitada
- 2D / 3D seismic survey methods are being adopted for exploration purpose, enabling faster identification of resources
- Development of Coal Bed Methane (CBM) / Coal Mine Methane (CMM) prospects in collaboration with the Government Agencies
- In addition to 88.4bt of total resources and reserves in CIL blocks,<sup>4</sup> 119 blocks with total geological reserve of 45.5bt have been tentatively assigned to CIL by Gol

### Key to India's Energy Security<sup>2</sup>



- Coal India contributed 84% to India's total coal production in FY17
- Coal accounts for 56%<sup>(3)</sup> of India's primary energy consumption
- Coal India operates 369 mines via 8 coal producing subsidiaries



### **Key Company Highlights**

### Organizational Commitment to Sustainable Development

- High focus on social, environmental and health & safety initiatives
- Documented CSR policy

### **Positive Margins & Returns**

- Q1FY19 EBITDA<sup>3</sup> margin of 27.7%
- Q1FY19ROAE<sup>3</sup> of 17.3%
- FY18 Dividend Payout Ratio of 146%

# POSITIVE MARGINS & RETURNS POSITIVE MARGINS EXTERNSIVE MINIMUM COAL INDICATE COAL STORY COAL

### World's Largest Pure Play Coal Producer<sup>1</sup>

- Q1 FY19 production of 137 million tons across 369 operational mines, with ongoing projects for further ramp-up
- 68.6 bt Resources and 19.8 bt Reserves<sup>2</sup>

### **Growth Drivers**

- Coal accounts for more than 50%<sup>(4)</sup> of the total commercial energy production in India
- Favorable expected demand from key sectors such as power and steel

### Cost Leadership with Stable Realizations

- Higher proportion of open cast mining operations and increasing labor productivity
- Improving productivity & efficiency through use of higher capacity equipment for higher output.

### **Extensive Mining Capabilities**

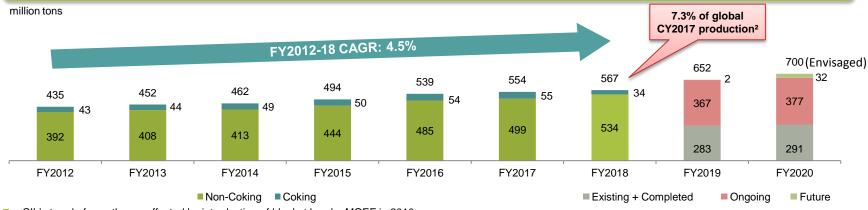
- Advanced technology in open cast mining
- Focus on meeting commitments to the power sector





### World's Largest Pure Play Coal Producer

### Largest Pure Play Coal Producer Globally<sup>1</sup>, Slated for Further Growth



- CIL's trend of growth was affected by introduction of blanket ban by MOEF in 2010.
- With lifting of ban growth restored to 7% in 2014-15, in 2015-16 highest ever growth to 8.9% to reach a level of 539 Mt and ~2% in 2017-18 due to reduction in coking coal production
- Incremental increase in coal production by CIL during last 5 years (FY 2013 FY 2018) was 115 MTs, compared to incremental increase of 73 MTs during previous 5 years from FY 2008 to FY 2013.

### **Ongoing Projects**

- 115 major ongoing Coal projects are under implementation:
  - Expected contribution of about 367
     Mt in FY 2019; planned to reach level of 377 Mt in FY 2020
  - Operating large project-50 Mty (Kusmunda Opencast), 70 Mty (Gevra Expansion Project),25 Mty(Bhubaneswari OC),20 Mty (Jayant ,Dhadhichua)

### **Future Projects**

- 65 new projects, with a targeted capacity of 247.66 MTY, have been identified in FY 2014-2015, out of which
  - Project reports of 27 projects are under formulation
  - Out of these 65 future projects, 27 projects having ultimate capacity of 108.29 MTY have been approved

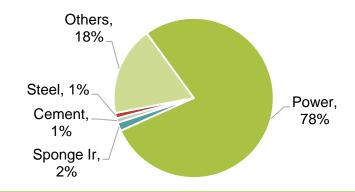
### **Other Initiatives**

- Investment in logistics and infrastructure for coal offtake
  - 6 major railway infrastructure projects to improve offtake from 3 growing coalfields in 3 subsidiaries
  - Development and construction of Major Road Infrastructure for Coal Transport
  - Capacity Enhancement of Rapid Loading Systems / Sllo
  - Investment in larger size heavy earth moving machineries
  - Operator Independent Truck Dispatch Systems have been installed in 11 large Opencast projects in 4 subsidiaries

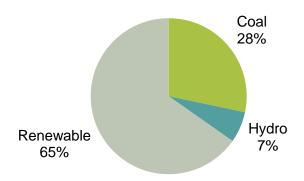


### **Growth Drivers In Place**

### Sector Wise Demand of Coal\* (Q1 FY2018-19)



### Most of the Incremental Power Capacity\*\* (FY 2017-18)



### **Demand Growth** from End Industries

- Large energy deficit coupled with low per capita consumption expected to drive significant capacity additions in power sector
- Coal continues to serve the country as its primary commercial energy provider<sup>2</sup>
- Coal is expected to account for most of the incremental power capacity in India
- Besides power, cement and steel industries are also expected to increase coal demand
- Collaboration with State Governments & Railways for 'Railway Linkages' at important coalfields
- Expected favorable demand from power & steel; Country adopts power for all 24x7



### **SAN Extensive Mining Capabilities**

### **Exploration**

- 1.366 million meters of drilling achieved in FY2017-18
- Exploratory drilling in 118 CIL blocks / mines in FY2017-18
- Capacity expansion & modernization of drills, supply orders for 7 Hi-tech Hydrostatic drills have been issued in 2017-18
- Exploration and drilling expenses of INR 7.56 billion incurred in FY2017-18.

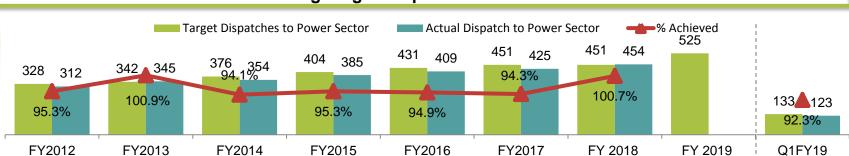
### Mining

- 369 mines owned
  - 177 open cast mines
  - 174 underground mines
  - 18 mixed mines
- Production in Q1FY19 was 129 million ton from open cast mines and 8 million ton from underground mines\*

### Beneficiation

- Operates 15 washeries
- 4 non-coking coal beneficiation facilities with throughput capacity of 16.22 mtpa
- 11 coking coal beneficiation facilities with throughput capacity of 20.68 mtpa
- Future Programme: 18 new washeries, capacity 95.6 Mty
  - Coking 9 Nos (28.1 Mty)Non-coking 9 Nos (67.5 Mty)

### Focus On Meeting Target<sup>2</sup> Dispatches To The Power Sector



Source: Company data and filings

<sup>&</sup>lt;sup>1</sup> As provided by the Company data and not independently verifiable

<sup>&</sup>lt;sup>2</sup> Target Dispatches to the Power Sector as per Company's annual reports <sup>3</sup> Through in-house and outsourcing resources \*Provisional Data



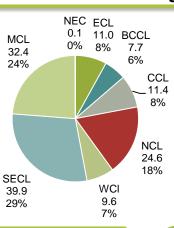
### 3B

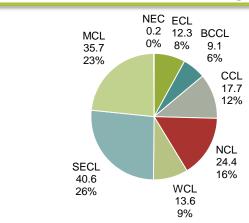
### **Subsidiary Performance during the current year**

Figs in MT

### **Production Performance during Q1FY19\***

### Offtake Performance during Q1FY19

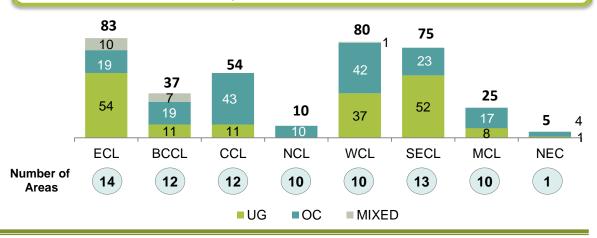




### Manpower

### 01.07.2018 Sub. Co. **ECL** 61,085 **BCCL** 48,058 CCL 40,435 NCL 15,001 WCL 45,251 SECL + DCC 57,832 22,381 MCL NEC 1.464 **CMPDIL** 3,356 CIL HQ 929 TOTAL 2,95,792

### **Subsidiary-wise Number of Mines**



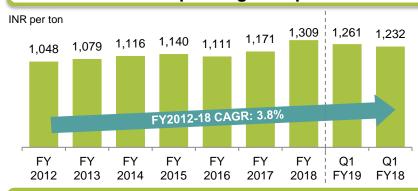
Figs in MT



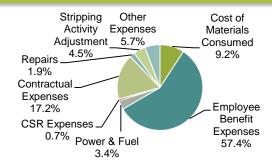
### 4

### **Cost Leadership With Stable Realizations**

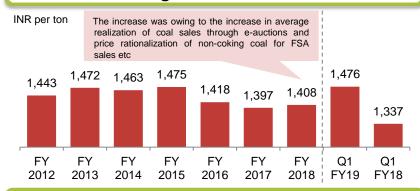
### Low Absolute Operating Cost per Ton<sup>1</sup>



### FY2018 Operating Expenditure Profile<sup>3</sup>



### Stable Average Sales Realizations<sup>2</sup>



### **Cost Efficiency Drivers**

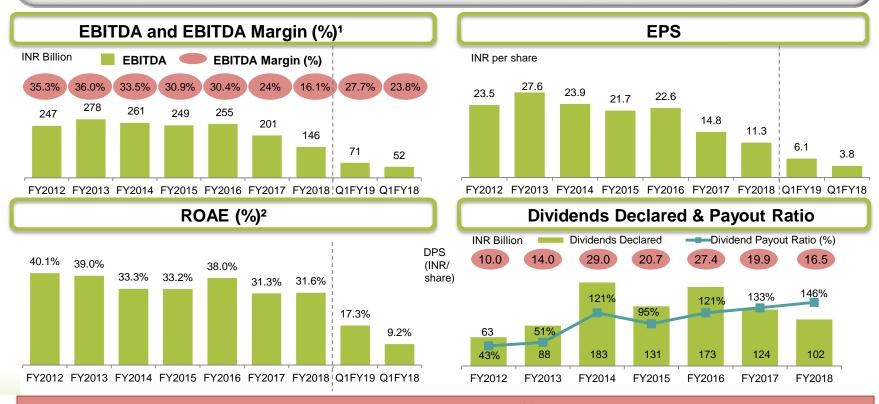
- Cost per ton in FY18 increased by 11.8% primarily on account of increase in employee benefit expenses which increased by 27% Y-o-Y on account of pay revision and increase in gratuity ceiling. In Q1 of FY19 cost per ton increase is related to increase in employee benefit expenses.
- Bulk of mining operations through opencast mines (OCM).
- Improving productivity & efficiency through use of higher capacity equipment for higher output.
- Introduction of Operator Independent Truck Dispatch System in large OCMs.
- Re-training of manpower & judicious utilization of resources for improving capacity utilization.

Note: Consolidated financials; Yearly audited financials upto FY 2015 are prepared as per the then prevailing Indian GAAP, while audited financials from FY 2017 are Prepared as per IFRS compliant Indian Accounting Standards-'Ind AS' and comparatives for FY 2016 were restated as per Ind AS requirement on First Financial Statement. Further, FY 2017 have been regrouped and restated as comparative in audited financial statement of FY 2018, wherever required as per the provisions of Ind-AS. Similarly FY2018 have been regrouped and restated as comparative as per provisions of Ind-AS. 1 Operating cost per ton calculated as ratio of total expenses adjusted for changes in inventories of finished goods/work in progress and stock in trade, finance costs, depreciation/amortization/impairment, provisions, write offs and excise duty (in FY2018, FY 2017 and 2016, where excise duty is included in total expenses) to total raw coal production

<sup>2</sup> Average realizations calculated as the ratio of net revenues from the sale of coal to the total dispatches during the period. The total sales/dispatches include raw coal, washed coal, coke and other products. <sup>3</sup> Breakup of FY 2018 operating expenses, excludes changes in inventories of finished goods/work in progress and stock in trade, finance charges, depreciation / impairment, provisions, write-offs and excise duty. <sup>4</sup> FSAs are contractual Fuel Supply Agreements with third parties based on Company data



### Positive Margins and Returns



Coal India ranked #2 in Coal and Consumable Fuels globally by Platts in 2017<sup>(3)</sup> on the basis of its financial performance

Note: Consolidated financials; Yearly audited financials upto FY 2015 are prepared as per the then prevailing Indian GAAP, while audited financials from FY 2017 are Prepared as per IFRS compliant Indian Accounting Standards-'Ind AS' and comparatives for FY 2016 were restated as per Ind AS requirement on First Financial Statement. Further, FY 2017 have been regrouped and restated as comparative in audited financial statement of FY 2018, wherever required as per the provisions of Ind-As. Similarly FY2018 have been regrouped and restated as comparitive as per provisions of Ind-AS.

<sup>1</sup> EBITDA (unaudited) has been calculated by adjusting (adding back) with profit before tax the finance cost, depreciation / amortization/ impairment, provisions, write-offs, prior period adjustments and extra-ordinary items, if any. EBITDA includes other income. EBITDA margin represents EBITDA as a percentage of Total Income (net of excise duty). <sup>2</sup> ROAE calculated as the ratio of Profit after taxes to the average shareholders' equity for the current and the prior fiscal year. For FY 2016, 2017 and 2018 (i.e. in the financial statements prepared as per Ind-AS), profit after tax represents profit for the period attributable to owners of the company. <sup>3</sup> https://top250.platts.com/Top250Rankings





### **Organizational Commitment to Sustainable Development**

Social	<ul> <li>Coal India being a responsive company, recognizes people affected by involuntary displacement due to mining activities and is committed to restore and improve income and living standard of affected families through monetary compensation, employment, R&amp;R benefits and infrastructure amenities in a transparent and equitable manner.</li> <li>CIL strives to maintain healthy relationship with all the stakeholders, primarily those affected by the operations of the company.</li> <li>CSR initiatives principally focused on project affected persons and persons living within 25km radius of project sites</li> <li>Main focus areas include healthcare, sanitation, education, environmental sustainability and conservation of natural resources, promotion of sports and projects for rural development</li> <li>Actual spend of INR 374.6 million to fund CSR activities in Q1FY19</li> </ul>
Environmental	<ul> <li>45 units and 5 companies are ISO 9001 compliant, 2 units¹ and 4 companies are ISO 14001 compliant, 5 units¹ and 3 companies are OHSAS 18001 compliant, 32 Laboratories are ISO:17025 compliant, 04 units are ISO:27001 compliant and 01 unit is ISO:50001 compliant.</li> <li>CIL HQ has been granted licence of ISO 90001:2015 (Quality Management System), ISO14001:2015(Environment Management System) &amp; ISO 50001:2011 (Energy Management System)</li> <li>Green Commitment letter signed by CIL for producing 1000 MW Solar power by 2019; re-tendering work is in process for 2x100 MW Project in Madhya Pradesh</li> <li>Since 2008-09, Satellite Surveillance was introduced by CIL to assess status of backfilling, plantation in reclaimed areas including OBs, Social forestry, Distribution of waste land etc.</li> <li>Planted more than 94.01 million saplings since inception with a survival rate of more than 80% with a creation of 37557 Ha of estimated forest land</li> </ul>
Safety	<ul> <li>Preparation and implementation of Safety Management Plan (SMP) in all mines.</li> <li>Preparation and implementation of Principal Hazard Management Plan (PHMP).</li> <li>Conducting multi-disciplinary Safety Audit in all operating mines.</li> <li>Closing of unsafe UG mines, reorganisation of unsafe UG mines to OC patches.</li> <li>OB Dump Stability Study.</li> <li>R&amp;D Projects on mine safety.</li> <li>Mechanization of mining operation to minimize exposure of workmen to mining hazards.</li> <li>Stress on training for upgrading of knowledge &amp; skill of workers by SIMTRAS accredited trainers.</li> </ul>





Working towards increasing acceptability of mining practices







### **Thank You**