4/14/2020 Rating Rationale

Ratings



Rating Rationale

April 13, 2020 | Mumbai

Jindal Steel and Power Limited

Ratings placed on 'Watch Negative'

Rating Action

| Total Bank Loan Facilities Rated | Rs.27442.47 Crore |
|----------------------------------|--|
| Long Term Rating | CRISIL BBB (Placed on 'Rating Watch with Negative Implications') |
| Short Term Rating | CRISIL A3+ (Placed on 'Rating Watch with Negative Implications') |

| Rs.1912 Crore Non Convertible Debentures | CRISIL BBB (Placed on 'Rating Watch with Negative Implications') |
|--|--|

1 crore = 10 million

Refer to annexure for Details of Instruments & Bank Facilities

Detailed Rationale

CRISIL has placed its ratings on the bank facilities and non-convertible debentures of Jindal Steel and Power Limited (JSPL), on 'Rating Watch with Negative Implications'. This is on account of heightened risk of liquidity stretch in the event of any unfavorable outcome from the discussions with the lenders of its subsidiaries viz. Jindal Steel and Power (Mauritius) Ltd (JSPML, holding company of the group's overseas investments with debt of USD 765 million) and Jindal Steel and Power (Australia) Pty Ltd (JSPAL, a wholly owned subsidiary of JSPL) to provide moratorium on debt repayment.

JSPML has not paid the repayment due on March 31, 2020 on account of delays in the refinancing plans of the company due to disruptions in the financial markets post Novel Coronavirus (Covid-19) outbreak and inability of its parent to support the debt servicing. JSPL has requested the lenders/investors of JSPML and JSPAL to provide a moratorium on debt repayment, CRISIL has also discussed the same with some of the lenders/investors and believes that the company is in discussion to avail moratorium and the lenders have also shown positive interest towards it. While JSPL has shored up its liquidity through advance export transactions and additional borrowings, adverse outcome of discussions at JSPML & JSPAL can impair the same and weaken its credit profile.

In response to the Covid-19 pandemic, the Government of India, on March 23, 2020, announced a 21-day nation-wide lockdown. While JSPL's plants continue to be operational, as they fall under the Essential Commodities Act, the lockdown may impact domestic demand of long steel on account of halting of construction activities, reduced real estate demand, restrictions on transportation, and slower capital expenditure amid economic slowdown. While CRISIL expects this to be a temporary disruption at present, the company's resilience to withstand the cash flow pressure arising out of the lockdown and sustain its financial profile following the moratorium will remain a key monitorable.

The company has sought moratorium from its domestic lenders in line with the relief measure announced by the Reserve Bank of India (RBI) on payment of instalment of loans and availed the relief in repayment of bank loan instalments and interest due on March 31, 2020. As per SEBI Circular dated March 30, 2020, CRISIL has factored the inclination of lenders/investors to refinance the debt rather than waiting for formal documents due to heightened operational challenges faced by the company in present time and also takes into account the moratorium (between March 1 and May 31, 2020) on loan repayment instalments permitted by the Reserve Bank of India (RBI) before recognizing defaults. However, CRISIL will continue to monitor the development in this regard and the rating watch will be resolved after the terms of the agreement with the lenders/investors to provide moratorium are finalized and all the documents are received pertaining the same.

The rating continues to reflect JSPL's superior position in the value-added long steel products segment and improving operating efficiencies following restart of its coal gasification process (CGP)-based Direct Reduced Iron (DRI) plant of 1.8 million tonne per annum (mtpa) at Angul, Odisha. Company has also secured access to iron-ore post the order from the Supreme Court on resumption of mining activity at Sarda Mines Pvt Ltd (SMPL) this should allow JSPL to offtake its 12.22 MT (million ton) duty paid iron ore fines. This may support superior profitability over the near term. These strengths are partially offset by average, albeit improving, financial risk profile, limited raw material integration, and susceptibility to economic cycles.

Analytical Approach

For arriving at its ratings, CRISIL has combined the business and financial risk profiles of JSPL and its subsidiaries, associates and joint ventures. This is because all these entities are under common management will have strong business and financial linkages.

Please refer Annexure - List of entities consolidated, which captures the list of entities considered and their analytical treatment of consolidation.

<u>Key Rating Drivers & Detailed Description</u> Strengths:

* Superior market position: The Company's market position is backed by its ability to manufacture higher grades and value-added products. JSPL makes specialised structural steel (medium and light structural mill and railway and universal beam mill) and high-grade plates (with application in boilers for power plants and defence equipment), which are relatively less vulnerable to demand slowdown. While the long products segment is fragmented, the company commands a premium due to its superior product profile and strong brand. Restarting of its DRI plant and ramping up of the blast furnace and basic oxygen furnace plant in Angul may further strengthen the market position over the medium term. In the nine months through December 2019, domestic steel production volume increased by 18% to 4.43 million tonne from 3.74 million tonne during the corresponding period of the previous fiscal. With

4/14/2020 Rating Rationale

resumption of production at the CGP DRI plant, volume run rate is expected to reach 6-6.5 lakh tonne per month (or 6-6.5 mtpa) by the end of March 2020.

- * Improving operational efficiency: Per-tonne operating profitability for the domestic steel business declined to around Rs 9,650 over the nine months ended December 31, 2019, from Rs 12,500 in the corresponding period of the previous fiscal. However, this is expected to improve with higher capacity utilisation providing economies of scale, self-sufficiency, and cost-saving with respect to coke after installation of four coke oven batteries and access to duty-paid raw material lying with SMPL. Improved mining operations in Mozambique and stabilisation of South Africa mines may further improve the operating performance. Proximity of plants to coal and iron ore mines, captive power units, and railway sidings and nearness to the Paradip port (Odisha) also support operating efficiency. Consolidated operating margin should sustain at 20-23% over the medium term.
- * Well-diversified operations: In addition to steel operations in India, JSPL benefits from the diversity offered through its 3,400 megawatt (MW) independent power plants (IPPs) in Tamnar, Chhattisgarh; and steel manufacturing operations in Oman through Shadeed Iron & Steel Company (Shadeed). Operations at Shadeed benefit from moderate utilisation at 70-75% and efficiencies through proximity to the gas source. Though only 24% of the IPPs' capacities are tied up with power purchase agreements (PPAs), these capacities benefit from their low capital costs, with current debt per MW at around Rs.2.1 crore. The consequent low cost of generation and proximity to coal mines are likely to benefit power operations over the medium term.

Weaknesses:

- *Average, albeit improving, financial risk profile: Despite sizeable debt, debt/EBITDA level is expected to improve to around 3.5 times in the next two fiscals, from around 4.7 times during fiscal 2019; on the back of better domestic operating performance and steps taken to improve capital structure (divestment of non-core assets and faster deleveraging). However, debt levels are expected to remain high due to low cash generation at entities in Australia and Mozambique and refinancing/restructuring underway. The approval of moratorium for overseas facilities in JSPML and the subsequent refinancing of debt during the moratorium period will remain key monitorables.
- * Susceptibility to demand and price risk: Demand for long steel products depends on the level of construction and infrastructure activities and any movement in economic cycle. Furthermore, the steel industry remains exposed to global steel prices. After achieving higher growth of 8-9% in the past two fiscals, the demand momentum is expected to fizzle out in the current fiscal to a mere 2-3% because of reduced economic growth and weak performance across end-user segments. Any significant change in demand on account of lockdown to prevent the outbreak of Covid-19 and subsequent stabilisation will remain key monitorables.
- * Low raw material linkage, partially offset by proximity to raw material sources: JSPL's existing captive iron ore mines meet only one-fifth of its total iron ore requirement. Furthermore, absence of long-term PPAs for around 75% of power capacity in Tamnar exposes the company to offtake risk and to volatility in merchant rates. Moreover, this capacity is susceptible to fuel risk due to absence of fuel linkages (after de-allocation of its coal mines pursuant to the Supreme Court order in September 2014). Nonetheless, secured coal linkages in the recent past to the extent of 6.5 million tonne for the captive power plants and sponge iron plants, and proximity of steel and power plants to coal and iron resources provide comfort. Ability to tie in these resources in upcoming auction for the long term will remain a monitorable.

Liquidity Stretched

JSPL liquidity is expected to remain stretched over the medium term on account of delays in refinancing of JSPML debt which resulted into high dependency on the moratorium to be provided by lenders for repayment of debt. JSPL has shored up liquidity at standalone level through export prepayment transactions and through additional bank borrowings. JSPL is also in process of raising additional funds through further export prepayment transactions, however ability to secure funds through these transactions, the extent of moratorium been agreed upon by JSPML lenders and the likely impact of the lockdown on the cash flows of the company will be a key monitorable. The absence of debt moratorium by JSPML lenders and invocation of guarantee can significantly weaken the liquidity profile of the company and will be a key rating sensitivity factor.

Rating Sensitivity factors

Upward factors

- * Consolidated debt/earnings before interest, taxes, depreciation, and amortisation (EBITDA) below 3.5 times on a sustained basis, driven by improved operating performance and reduction in debt at a faster pace
- * Better liquidity through disinvestment of overseas assets and refinancing of overseas debt

Downward factors

- * Consolidated debt/EBITDA above 4 times on a sustained basis over the medium term on account of weakening of operating performance and slower-than-anticipated debt reduction
- * Stretched liquidity due to increased working capital intensity or delay in turnaround of international business

About the Company

The JSPL group, part of the diversified OP Jindal group, is one of India's major steel producers with sizeable presence in power generation and mining. The group has an installed capacity of 8.6 mtpa of steel with plants in Raigarh, Chhattisgarh; and Angul.

Jindal Power Ltd, a subsidiary of JSPL, has a total commissioned power capacity of 3,400 MW. Through its fully owned subsidiary, Jindal Steel & Power (Mauritius) Ltd, JSPL had acquired Shadeed in Oman, which has a 1.5 mtpa gas-based hot-briquetted iron plant forward integrated to manufacture 2.4 mtpa of steel. The group's international operations include interest in mining assets in resource-rich locations such as Australia, Indonesia, South Africa, and Mozambique.

For the nine months ended December 31, 2019, JSPL, on a consolidated basis, incurred loss of Rs 705 crore on revenue of Rs 28,185 crore; against a profit after tax of Rs 302 crore on revenue of Rs 29,213 crore for the corresponding period previous fiscal.

Key Financial Indicators - (CRISIL adjusted numbers)

| As on/for the period ended March 31 | Unit | 2019 | 2018 |
|-------------------------------------|-----------|---------|---------|
| Operating Income | Rs Crores | 39,221 | 27,373 |
| Profit after tax (PAT) | Rs Crores | (2,412) | (1,624) |
| PAT margin | % | (6.1) | (5.9) |
| Adjusted debt/adjusted networth* | Times | 3.24 | 3.34 |

4/14/2020 Rating Rationale

Interest coverage Times 1.94 1.67

*Adjustments include reversal of fair valuation of PPE (land, buildings, and plants and machinery), deferred tax on adjustments, and other adjustments made during adoption of Ind AS norms on networth.

Any other information: Not applicable

Note on complexity levels of the rated instrument:

CRISIL complexity levels are assigned to various types of financial instruments. The CRISIL complexity levels are available on www.crisil.com/complexity-levels. Users are advised to refer to the CRISIL complexity levels for instruments that they consider for investment. Users may also call the Customer Service Helpdesk with queries on specific instruments.

Annexure - Details of Instrument(s)

| ISIN | Name of Instrument | Date of Allotment | Coupon Rate (%) | Maturity Date | Issue Size (Rs Cr) | Rating Assigned with Outlook |
|--------------|---|----------------------|--------------------|---------------|-----------------------|------------------------------|
| NA | Cash Credit | NA | NA | NA | 1,950.00 | CRISIL BBB/Watch Negative |
| NA | Letter of Credit & Bank Guarantee | NA | NA | NA | 5,788.00 | CRISIL A3+/Watch Negative |
| NA | Proposed Non Fund Based limits | NA | NA | NA | 662.00 | CRISIL A3+/Watch Negative |
| NA | Proposed Long Term Bank Loan Facility | NA | NA | NA | 5,571.44 | CRISIL BBB/Watch Negative |
| NA | Proposed Short Term Bank Loan Facility | NA | NA | NA | 500 | CRISIL A3+/Watch Negative |
| NA | Short Term Loan | NA | NA | NA | 800.00 | CRISIL A3+/Watch Negative |
| NA | Term Loan -1 | NA | | Mar-21 | 337.50 | CRISIL BBB/Watch Negative |
| NA | Term Loan -2 | NA | | Mar-22 | 549.88 | CRISIL BBB/Watch Negative |
| NA | Term Loan -3 | NA |] | Dec-23 | 775.00 | CRISIL BBB/Watch Negative |
| NA | Term Loan ' 4 | NA | 9.45 ' 12.60% | Mar-24 | 1,000.61 | CRISIL BBB/Watch Negative |
| NA | Term Loan ' 5 | NA | | Dec-24 | 1,376.08 | CRISIL BBB/Watch Negative |
| NA | Term Loan ' 6 | NA | | Mar-28 | 1,333.41 | CRISIL BBB/Watch Negative |
| NA | Term Loan ' 7 | NA | | Dec-35 | 6798.55 | CRISIL BBB/Watch Negative |
| INE749A07185 | Non-Convertible Debentures | 12-Oct-09 | 9.80% | 12-Apr-20 | 50.00 | CRISIL BBB/Watch Negative |
| INE749A07193 | Non-Convertible Debentures | 22-Oct-09 | 9.80% | 22-Apr-20 | 75.00 | CRISIL BBB/Watch Negative |
| INE749A07219 | Non-Convertible Debentures | 24-Nov-09 | 9.80% | 24-May-20 | 75.00 | CRISIL BBB/Watch Negative |
| INE749A07268 | Non-Convertible Debentures | 24-Dec-09 | 9.80% | 24-Jun-20 | 75.00 | CRISIL BBB/Watch Negative |
| INE749A07284 | Non-Convertible Debentures | 25-Jan-10 | 9.80% | 25-Jul-20 | 75.00 | CRISIL BBB/Watch Negative |
| INE749A07300 | Non-Convertible Debentures | 19-Feb-10 | 9.80% | 19-Aug-20 | 75.00 | CRISIL BBB/Watch Negative |
| INE749A07318 | Non-Convertible Debentures | 26-Mar-10 | 9.80% | 26-Sep-20 | 75.00 | CRISIL BBB/Watch Negative |
| INE749A07151 | Non-Convertible Debentures | 24-Aug-09 | 9.80% | 24-Feb-20 | 50.00 | CRISIL BBB/Watch Negative |
| INE749A07169 | Non-Convertible Debentures | 08-Sep-09 | 9.80% | 08-Mar-20 | 40.00 | CRISIL BBB/Watch Negative |
| INE749A07177 | Non-Convertible Debentures | 08-Oct-09 | 9.80% | 08-Apr-20 | 40.00 | CRISIL BBB/Watch Negative |
| INE749A07201 | Non-Convertible Debentures | 09-Nov-09 | 9.80% | 09-May-20 | 40.00 | CRISIL BBB/Watch Negative |
| INE749A07227 | Non-Convertible Debentures | 08-Dec-09 | 9.80% | 08-Jun-20 | 40.00 | CRISIL BBB/Watch Negative |
| INE749A07250 | Non-Convertible Debentures | 08-Jan-10 | 9.80% | 08-Jul-20 | 40.00 | CRISIL BBB/Watch Negative |
| INE749A07276 | Non-Convertible Debentures | 29-Dec-09 | 9.80% | 29-Jun-20 | 37.20 | CRISIL BBB/Watch Negative |
| NA | Non-Convertible Debenture [^] | NA | NA | NA | 1,124.80 | CRISIL BBB/Watch Negative |

[^]These NCDs are yet to be raised

Annexure - List of entities consolidated

| Name of Entities consolidated | Extent of Consolidation |
|--|-------------------------|
| Ambitious Power Trading Company Limited | Fully Consolidated |
| Attunli Hydro Electric Power Company Limited | Fully Consolidated |
| Belde Empreendimentos Mineiros LDA, a subsidiary of JSPL Mozambique Minerals LDA | Fully Consolidated |
| Blue Castle Ventures Limited | Fully Consolidated |
| Bon-Terra Mining (Pty) Limited, a subsidiary of Jindal Energy SA (Pty) Limited | Fully Consolidated |
| Brake Trading (Pty) Limited | Fully Consolidated |
| Cameroon Mining Action (CAMINA) SA, a subsidiary of Legend Iron Limited | Fully Consolidated |
| Eastern Solid Fuels (Pty) Limited, a subsidiary of Jindal Mining & Exploration Limited | Fully Consolidated |
| Enviro Waste Gas Services Pty Ltd, subsidiary of Wollongong Coal Limited | Fully Consolidated |
| Etalin Hydro Electric Power Company Limited | Fully Consolidated |
| Everbest Power Limited | Fully Consolidated |
| Fire Flash Investments (Pty) Limited | Fully Consolidated |
| Gas to Liquids International S.A | Fully Consolidated |
| Harmony Overseas Limited | Fully Consolidated |
| Jagran Developers Private Limited (w.e.f. January 11, 2018) | Fully Consolidated |
| JB Fabinfra Limited | Fully Consolidated |
| Jindal (Barbados) Energy Corp, a subsidiary of Jindal (Barbados) Holding Corp | Fully Consolidated |
| Jindal (Barbados) Holding Corp, a subsidiary of Jindal (BVI) Limited | Fully Consolidated |
| Jindal (Barbados) Mining Corp, a subsidiary of Jindal (Barbados) Holding Corp | Fully Consolidated |
| Jindal (BVI) Limited | Fully Consolidated |
| Jindal Africa Consulting (Pty.) Ltd | Fully Consolidated |
| Jindal Africa Investments (Pty) Limited | Fully Consolidated |

Rationale for Consolidation

All these companies collectively have significant managerial, operational, and financial linkages

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|--|---|
| Jindal Africa SA | Fully Consolidated |
| Jindal Angul Power Limited | Fully Consolidated |
| Jindal Botswana (Proprietary) Limited | Fully Consolidated |
| Jindal Energy (Bahamas) Limited, a subsidiary of Jindal (BVI) Limited | Fully Consolidated |
| Jindal Energy (Botswana) Pty Limited, a subsidiary of Jindal (BVI) Limited | Fully Consolidated |
| Jindal Energy (SA) Pty Limited, a subsidiary of Jindal Africa Investments | Fully Consolidated |
| (Pty) Limited | <u> </u> |
| Jindal Hydro Power Limited | Fully Consolidated |
| Jindal Investimentos LDA | Fully Consolidated |
| Jindal Investment Holding Limited. | Fully Consolidated |
| Jindal KZN Processing (Pty) Limited | Fully Consolidated |
| Jindal Madagascar SARL | Fully Consolidated |
| Jindal Mauritania SARL | Fully Consolidated |
| Jindal Mining & Exploration Limited | Fully Consolidated |
| Jindal Mining Namibia (Pty) Limited | Fully Consolidated |
| Jindal Mining SA (Pty) Limited, a subsidiary of Eastern Solid Fuels (Pty) | Fully Consolidated |
| Limited | · |
| Jindal Power Distribution Limited | Fully Consolidated |
| Jindal Power Limited | Fully Consolidated |
| Jindal Power Senegal SAU | Fully Consolidated |
| Jindal Power Transmission Limited | Fully Consolidated |
| Jindal Power Ventures (Mauritius) Limited | Fully Consolidated |
| Jindal Realty Limited | Fully Consolidated |
| Jindal Resources (Botswana) Pty Limited, a subsidiary of Jindal Transafrica | Fully Consolidated |
| (Barbados) Corp | i ully Consolidated |
| Jindal Shaded Iron & Steel L.L.C | Fully Consolidated |
| Jindal Steel & Minerals Zimbabwe Limited | Fully Consolidated |
| Jindal Steel & Power (Australia) Pty Limited | Fully Consolidated |
| Jindal Steel & Power (BC) Limited | Fully Consolidated |
| Jindal Steel & Power (Mauritius) Limited | Fully Consolidated |
| Jindal Steel Bolivia SA | Fully Consolidated |
| Jindal Steel DMCC | Fully Consolidated |
| Jindal Tanzania Limited | Fully Consolidated |
| Jindal Transafrica (Barbados) Corp, a subsidiary of Jindal (BVI) Limited | Fully Consolidated |
| JSPL Mozambique Minerals LDA | Fully Consolidated |
| Jubliant Overseas Limited | Fully Consolidated |
| Kamala Hydro Electric Power Co. Limited | Fully Consolidated |
| Kineta Power Limited | Fully Consolidated |
| Koleko Resources (Pty) Limited, a subsidiary of Jindal Africa Investment | I ully Consolidated |
| (Pty) Limited | Fully Consolidated |
| Landmark Mineral Resources (Pty) Limited | Fully Consolidated |
| Legend Iron Limited, a subsidiary of Jindal Mining & Exploration Limited | Fully Consolidated |
| Meepong Energy (Mauritius) (Pty) Limited, a subsidiary of Jindal (Barbados) | 1 dily consolidated |
| Energy Corp | |
| | Fully Consolidated |
| | , , |
| Meepong Energy (Pty) Limited, a subsidiary of Meepong Energy (Mauritius) | Fully Consolidated Fully Consolidated |
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| Meepong Energy (Pty) Limited, a subsidiary of Meepong Energy (Mauritius) (Pty) Limited Meepong Resources (Mauritius) (Pty) Limited, a subsidiary of Jindal (Barbados) Mining Corp Meepong Resources (Pty) Limited, a subsidiary of Meepong Resources (Mauritius) (Pty) Limited Meepong Service (Pty) Limited, a subsidiary of Meepong Energy (Pty) Limited Meepong Water (Pty) Limited, a subsidiary of Meepong Energy (Pty) Limited Oceanic Coal Resources NL, a subsidiary of Wollongong Coal Limited Osho Madagascar SARL Panther Transfreight Limited Peerboom Coal (Pty) Limited, a subsidiary of Jindal Africa Investment (Pty) Limited PT BHI Mining Indonesia, a subsidiary of Jindal Investment Holding Limited PT Jindal Overseas PT Maruwai Bara Abadi, a subsidiary of PT. BHI Mining Indonesia PT Sumber Surya Gemilang, a subsidiary of PT. BHI Mining Indonesia Raigarh Pathalgaon Expressway Ltd | Fully Consolidated |
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| Meepong Energy (Pty) Limited, a subsidiary of Meepong Energy (Mauritius) (Pty) Limited Meepong Resources (Mauritius) (Pty) Limited, a subsidiary of Jindal (Barbados) Mining Corp Meepong Resources (Pty) Limited, a subsidiary of Meepong Resources (Mauritius) (Pty) Limited Meepong Service (Pty) Limited, a subsidiary of Meepong Energy (Pty) Limited Meepong Water (Pty) Limited, a subsidiary of Meepong Energy (Pty) Limited Oceanic Coal Resources NL, a subsidiary of Wollongong Coal Limited Osho Madagascar SARL Panther Transfreight Limited Peerboom Coal (Pty) Limited, a subsidiary of Jindal Africa Investment (Pty) Limited PT BHI Mining Indonesia, a subsidiary of Jindal Investment Holding Limited PT Jindal Overseas PT Maruwai Bara Abadi, a subsidiary of PT. BHI Mining Indonesia PT Sumber Surya Gemilang, a subsidiary of PT. BHI Mining Indonesia Raigarh Pathalgaon Expressway Ltd Sad-Elec (Pty) Limited, a subsidiary of Jindal Energy (SA) Pty Limited Shadeed Iron & Steel Company Limited, a subsidiary of Jindal Shadeed Iron & Steel LLC | Fully Consolidated |
| Meepong Energy (Pty) Limited, a subsidiary of Meepong Energy (Mauritius) (Pty) Limited Meepong Resources (Mauritius) (Pty) Limited, a subsidiary of Jindal (Barbados) Mining Corp Meepong Resources (Pty) Limited, a subsidiary of Meepong Resources (Mauritius) (Pty) Limited Meepong Service (Pty) Limited, a subsidiary of Meepong Energy (Pty) Limited Meepong Water (Pty) Limited, a subsidiary of Meepong Energy (Pty) Limited Oceanic Coal Resources NL, a subsidiary of Wollongong Coal Limited Osho Madagascar SARL Panther Transfreight Limited Peerboom Coal (Pty) Limited, a subsidiary of Jindal Africa Investment (Pty) Limited PT BHI Mining Indonesia, a subsidiary of Jindal Investment Holding Limited PT Jindal Overseas PT Maruwai Bara Abadi, a subsidiary of PT. BHI Mining Indonesia PT Sumber Surya Gemilang, a subsidiary of PT. BHI Mining Indonesia Raigarh Pathalgaon Expressway Ltd Sad-Elec (Pty) Limited, a subsidiary of Jindal Energy (SA) Pty Limited Shadeed Iron & Steel Company Limited, a subsidiary of Jindal Shadeed Iron & Steel LLC Skyhigh Overseas Limited | Fully Consolidated |
| Meepong Energy (Pty) Limited, a subsidiary of Meepong Energy (Mauritius) (Pty) Limited Meepong Resources (Mauritius) (Pty) Limited, a subsidiary of Jindal (Barbados) Mining Corp Meepong Resources (Pty) Limited, a subsidiary of Meepong Resources (Mauritius) (Pty) Limited Meepong Service (Pty) Limited, a subsidiary of Meepong Energy (Pty) Limited Meepong Water (Pty) Limited, a subsidiary of Meepong Energy (Pty) Limited Oceanic Coal Resources NL, a subsidiary of Wollongong Coal Limited Osho Madagascar SARL Panther Transfreight Limited Peerboom Coal (Pty) Limited, a subsidiary of Jindal Africa Investment (Pty) Limited PT BHI Mining Indonesia, a subsidiary of Jindal Investment Holding Limited PT Jindal Overseas PT Maruwai Bara Abadi, a subsidiary of PT. BHI Mining Indonesia PT Sumber Surya Gemilang, a subsidiary of PT. BHI Mining Indonesia Raigarh Pathalgaon Expressway Ltd Sad-Elec (Pty) Limited, a subsidiary of Jindal Energy (SA) Pty Limited Shadeed Iron & Steel Company Limited, a subsidiary of Jindal Shadeed Iron & Steel LLC Skyhigh Overseas Limited Southbulli Holding Pty Limited, a subsidiary of Wollongong Coal Limited | Fully Consolidated |
| Meepong Energy (Pty) Limited, a subsidiary of Meepong Energy (Mauritius) (Pty) Limited Meepong Resources (Mauritius) (Pty) Limited, a subsidiary of Jindal (Barbados) Mining Corp Meepong Resources (Pty) Limited, a subsidiary of Meepong Resources (Mauritius) (Pty) Limited Meepong Service (Pty) Limited, a subsidiary of Meepong Energy (Pty) Limited Meepong Water (Pty) Limited, a subsidiary of Meepong Energy (Pty) Limited Oceanic Coal Resources NL, a subsidiary of Wollongong Coal Limited Osho Madagascar SARL Panther Transfreight Limited Peerboom Coal (Pty) Limited, a subsidiary of Jindal Africa Investment (Pty) Limited PT BHI Mining Indonesia, a subsidiary of Jindal Investment Holding Limited PT Jindal Overseas PT Maruwai Bara Abadi, a subsidiary of PT. BHI Mining Indonesia PT Sumber Surya Gemilang, a subsidiary of PT. BHI Mining Indonesia Raigarh Pathalgaon Expressway Ltd Sad-Elec (Pty) Limited, a subsidiary of Jindal Energy (SA) Pty Limited Shadeed Iron & Steel Company Limited, a subsidiary of Jindal Shadeed Iron & Steel LLC Skyhigh Overseas Limited Southbulli Holding Pty Limited, a subsidiary of Wollongong Coal Limited Sungu Sungu Pty limited | Fully Consolidated |
| Meepong Energy (Pty) Limited, a subsidiary of Meepong Energy (Mauritius) (Pty) Limited Meepong Resources (Mauritius) (Pty) Limited, a subsidiary of Jindal (Barbados) Mining Corp Meepong Resources (Pty) Limited, a subsidiary of Meepong Resources (Mauritius) (Pty) Limited Meepong Service (Pty) Limited, a subsidiary of Meepong Energy (Pty) Limited Meepong Water (Pty) Limited, a subsidiary of Meepong Energy (Pty) Limited Oceanic Coal Resources NL, a subsidiary of Wollongong Coal Limited Osho Madagascar SARL Panther Transfreight Limited Peerboom Coal (Pty) Limited, a subsidiary of Jindal Africa Investment (Pty) Limited PT BHI Mining Indonesia, a subsidiary of Jindal Investment Holding Limited PT Jindal Overseas PT Maruwai Bara Abadi, a subsidiary of PT. BHI Mining Indonesia PT Sumber Surya Gemilang, a subsidiary of PT. BHI Mining Indonesia Raigarh Pathalgaon Expressway Ltd Sad-Elec (Pty) Limited, a subsidiary of Jindal Energy (SA) Pty Limited Shadeed Iron & Steel Company Limited, a subsidiary of Jindal Shadeed Iron & Steel LLC Skyhigh Overseas Limited Southbulli Holding Pty Limited, a subsidiary of Jindal Transafrica (Barbados) Trans Africa Rail (Pty) Limited, a subsidiary of Jindal Transafrica (Barbados) | Fully Consolidated |
| Meepong Energy (Pty) Limited, a subsidiary of Meepong Energy (Mauritius) (Pty) Limited Meepong Resources (Mauritius) (Pty) Limited, a subsidiary of Jindal (Barbados) Mining Corp Meepong Resources (Pty) Limited, a subsidiary of Meepong Resources (Mauritius) (Pty) Limited Meepong Service (Pty) Limited, a subsidiary of Meepong Energy (Pty) Limited Meepong Water (Pty) Limited, a subsidiary of Meepong Energy (Pty) Limited Meepong Water (Pty) Limited, a subsidiary of Meepong Energy (Pty) Limited Oceanic Coal Resources NL, a subsidiary of Wollongong Coal Limited Osho Madagascar SARL Panther Transfreight Limited Peerboom Coal (Pty) Limited, a subsidiary of Jindal Africa Investment (Pty) Limited PT BHI Mining Indonesia, a subsidiary of Jindal Investment Holding Limited PT Jindal Overseas PT Maruwai Bara Abadi, a subsidiary of PT. BHI Mining Indonesia PT Sumber Surya Gemilang, a subsidiary of PT. BHI Mining Indonesia Raigarh Pathalgaon Expressway Ltd Sad-Elec (Pty) Limited, a subsidiary of Jindal Energy (SA) Pty Limited Shadeed Iron & Steel Company Limited, a subsidiary of Jindal Shadeed Iron & Steel LLC Skyhigh Overseas Limited Southbulli Holding Pty Limited, a subsidiary of Jindal Transafrica (Barbados) Corp | Fully Consolidated |
| Meepong Energy (Pty) Limited, a subsidiary of Meepong Energy (Mauritius) (Pty) Limited Meepong Resources (Mauritius) (Pty) Limited, a subsidiary of Jindal (Barbados) Mining Corp Meepong Resources (Pty) Limited, a subsidiary of Meepong Resources (Mauritius) (Pty) Limited Meepong Service (Pty) Limited, a subsidiary of Meepong Energy (Pty) Limited Meepong Water (Pty) Limited, a subsidiary of Meepong Energy (Pty) Limited Meepong Water (Pty) Limited, a subsidiary of Wollongong Coal Limited Oceanic Coal Resources NL, a subsidiary of Wollongong Coal Limited Osho Madagascar SARL Panther Transfreight Limited Peerboom Coal (Pty) Limited, a subsidiary of Jindal Africa Investment (Pty) Limited PT BHI Mining Indonesia, a subsidiary of Jindal Investment Holding Limited PT Jindal Overseas PT Maruwai Bara Abadi, a subsidiary of PT. BHI Mining Indonesia PT Sumber Surya Gemilang, a subsidiary of PT. BHI Mining Indonesia Raigarh Pathalgaon Expressway Ltd Sad-Elec (Pty) Limited, a subsidiary of Jindal Energy (SA) Pty Limited Shadeed Iron & Steel Company Limited, a subsidiary of Jindal Shadeed Iron & Steel LLC Skyhigh Overseas Limited Southbulli Holding Pty Limited, a subsidiary of Jindal Transafrica (Barbados) Corp Trans Asia Mining Pty. Limited | Fully Consolidated |
| Meepong Energy (Pty) Limited, a subsidiary of Meepong Energy (Mauritius) (Pty) Limited Meepong Resources (Mauritius) (Pty) Limited, a subsidiary of Jindal (Barbados) Mining Corp Meepong Resources (Pty) Limited, a subsidiary of Meepong Resources (Mauritius) (Pty) Limited Meepong Service (Pty) Limited, a subsidiary of Meepong Energy (Pty) Limited Meepong Water (Pty) Limited, a subsidiary of Meepong Energy (Pty) Limited Meepong Water (Pty) Limited, a subsidiary of Meepong Energy (Pty) Limited Oceanic Coal Resources NL, a subsidiary of Wollongong Coal Limited Osho Madagascar SARL Panther Transfreight Limited Peerboom Coal (Pty) Limited, a subsidiary of Jindal Africa Investment (Pty) Limited PT BHI Mining Indonesia, a subsidiary of Jindal Investment Holding Limited PT Jindal Overseas PT Maruwai Bara Abadi, a subsidiary of PT. BHI Mining Indonesia PT Sumber Surya Gemilang, a subsidiary of PT. BHI Mining Indonesia Raigarh Pathalgaon Expressway Ltd Sad-Elec (Pty) Limited, a subsidiary of Jindal Energy (SA) Pty Limited Shadeed Iron & Steel Company Limited, a subsidiary of Jindal Shadeed Iron & Steel LLC Skyhigh Overseas Limited Southbulli Holding Pty Limited, a subsidiary of Jindal Transafrica (Barbados) Corp | Fully Consolidated |

| Vision Overseas limited | Fully Consolidated |
|--|--------------------|
| Wollongong Coal Limited | Fully Consolidated |
| Wongawilli Coal Pty Limited, a subsidiary of Oceanic Coal Resources NL | Fully Consolidated |
| Jindal Synfuels Limited | Fully Consolidated |
| Urtan North Mining Private Limited | Fully Consolidated |
| Goedehoop Coal (Pty.) Ltd | Equity method |
| Thuthukani Coal (Pty.) Ltd | Equity method |
| Shresht Mining and Metals Private Limited | Equity method |

Annexure - Rating History for last 3 Years

| | | Current | | 2020 | (History) | 2 | 2019 | 2 | 2018 | 2 | 017 | Start of 2017 |
|---------------------------------------|-------|-----------------------|---|----------|---------------------------------------|----------|-------------------------------------|----------|-------------------------------------|----------|-----------------------|-----------------------------|
| Instrument | Туре | Outstanding Amount | Rating | Date | Rating | Date | Rating | Date | Rating | Date | Rating | Rating |
| Commercial Paper | ST | | | | | | | | | 21-04-17 | Withdrawal | CRISIL D |
| Non Convertible Debentures | LT | 607.20 13-04-20 | CRISIL BBB/(Watch) Negative | 30-01-20 | CRISIL BBB/Positive | 17-01-19 | CRISIL BBB-/Stable | 23-05-18 | CRISIL BBB-/Stable | 21-04-17 | CRISIL D | CRISIL D |
| | | | | | | 08-01-19 | CRISIL BBB-/Stable | 09-05-18 | CRISIL BBB-/Stable | | | |
| Fund-based Bank Facilities | LT/ST | 20992.47 | CRISIL BBB/(Watch) Negative/ CRISIL A3+/(Watch) Negative | 30-01-20 | CRISIL BBB/Positive/ CRISIL A3+ | 17-01-19 | CRISIL BBB-/Stable/ CRISIL A3 | 23-05-18 | CRISIL BBB-/Stable/ CRISIL A3 | 21-04-17 | CRISIL D/ CRISIL D | CRISIL D/ CRISIL D |
| | | | | | | 08-01-19 | CRISIL BBB-/Stable/ CRISIL A3 | 09-05-18 | CRISIL BBB-/Stable/ CRISIL A3 | | | |
| Non Fund- based Bank Facilities | LT/ST | 6450.00 | CRISIL A3+/(Watch) Negative | 30-01-20 | CRISIL A3+ | 17-01-19 | CRISIL A3 | 23-05-18 | CRISIL A3 | 21-04-17 | CRISIL D | CRISIL D |
| | | | | | | 08-01-19 | CRISIL A3 | 09-05-18 | CRISIL A3 | | | |

All amounts are in Rs.Cr.

Annexure - Details of various bank facilities

| Curre | Current facilities | | | Previous facilities | | | |
|---|----------------------|---------------------------------|---|---------------------|------------------------|--|--|
| Facility | Amount (Rs.Crore) | Rating | Facility | Amount (Rs.Crore) | Rating | | |
| Cash Credit | 1950 | CRISIL BBB/Watch Negative | Cash Credit | 1950 | CRISIL BBB/Positive | | |
| Letter of credit & Bank Guarantee | 5788 | CRISIL A3+/Watch Negative | Letter of credit & Bank Guarantee | 5788 | CRISIL A3+ | | |
| Proposed Long Term Bank Loan Facility | 5571.44 | CRISIL BBB/Watch Negative | Proposed Long Term Bank Loan Facility | 5571.44 | CRISIL BBB/Positive | | |
| Proposed Non Fund based limits | 662 | CRISIL A3+/Watch Negative | Proposed Non Fund based limits | 662 | CRISIL A3+ | | |
| Proposed Short Term Bank Loan Facility | 500 | CRISIL A3+/Watch Negative | Proposed Short Term Bank Loan Facility | 500 | CRISIL A3+ | | |
| Short Term Loan | 800 | CRISIL A3+/Watch Negative | Short Term Loan | 800 | CRISIL A3+ | | |
| Term Loan | 12171.03 | CRISIL BBB/Watch Negative | Term Loan | 12171.03 | CRISIL BBB/Positive | | |
| Total | 27442.47 | | Total | 27442.47 | | | |

Links to related criteria

CRISILs Approach to Financial Ratios

<u>CRISILs Bank Loan Ratings - process, scale and default recognition</u>

Rating criteria for manufaturing and service sector companies

Rating Criteria for Steel Industry

CRISILs Criteria for Consolidation

CRISILs Criteria for rating short term debt

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