

Rating Rationale

April 19, 2024 | Mumbai

The Tata Power Company Limited

Long-term rating upgraded to 'CRISIL AA+/Stable'; short-term rating reaffirmed

Rating Action

Total Bank Loan Facilities Rated	Rs.18583.16 Crore
Long Term Rating	CRISIL AA+/Stable (Upgraded from 'CRISIL AA/Positive')
Short Term Rating	CRISIL A1+ (Reaffirmed)

Rs.1000 Crore Non Convertible Debentures	CRISIL AA+/Stable (Upgraded from 'CRISIL AA/Positive')
Rs.500 Crore Non Convertible Debentures	CRISIL AA+/Stable (Upgraded from 'CRISIL AA/Positive')
Rs.1000 Crore Non Convertible Debentures	CRISIL AA+/Stable (Upgraded from 'CRISIL AA/Positive')
Rs.2000 Crore Non Convertible Debentures	CRISIL AA+/Stable (Upgraded from 'CRISIL AA/Positive')
Rs.82 Crore Non Convertible Debentures	CRISIL AA+/Stable (Upgraded from 'CRISIL AA/Positive')
Rs.9000 Crore Commercial Paper	CRISIL A1+ (Reaffirmed)

Note: None of the Directors on CRISIL Ratings Limited's Board are members of rating committee and thus do not participate in discussion or assignment of any ratings. The Board of Directors also does not discuss any ratings at its meetings.

1 crore = 10 million

Refer to Annexure for Details of Instruments & Bank Facilities

Detailed Rationale

CRISIL Ratings has upgraded its long term rating on the bank loan and debt facilities of The Tata Power Company Limited (Tata Power) to '**CRISIL AA+/Stable**' from 'CRISIL AA/Positive', and has reaffirmed its 'CRISIL A1+' rating on the company's commercial paper programme and short-term bank loans.

The rating upgrade reflects the improving business risk profile of the company with sustained improvement in operating profitability across the power generation and distribution business during fiscal 2024. The company has sustained its healthy financial risk profile, with consolidated net leverage (ratio of net debt^[1] to adjusted earnings before interest, tax, depreciation and amortisation [Ebitda]) estimated below 4 times as on March 31, 2024, and expected to remain so over the medium term.

During the first nine months of fiscal 2024, the company reported healthy consolidated adjusted Ebitda^[2] of more than Rs 9,300 crore (around Rs 11,500 crore in fiscal 2023 and around Rs 9,600 crore in fiscal 2022). This supported the capital expenditure (capex) of around Rs 8,000 crore and kept consolidated gross debt at around Rs 48,000 crore during the period.

The increase in operating profitability of Tata Power since fiscal 2023 is mainly on account of better profitability of its Mundra Ultra Mega Power Project (Mundra plant), improved efficiency of the Odisha distribution companies (discoms) and continued growth in the renewable energy (RE) business with steady capacity addition. The company continues to benefit from its integrated operations, robust power demand in the country supporting higher plant load factor (PLF) of its power plants, healthy execution in the RE segment, which has also been supported by moderating module prices. The improving operating profitability in distribution business, with reducing aggregate technical and commercial (AT&C) losses in Odisha and ongoing recovery of regulated assets in other discoms, have also helped.

As the company scales up operations, improving operating efficiency and steady cash creation in thermal generation and regulated business will support strong operating cash accrual, despite the reduction in earnings from coal mining business amid lower coal prices since last fiscal. Furthermore, increasing integration in the RE business through in-house module manufacturing and engineering, procurement, and construction (EPC) business will lend support going forward.

CRISIL Ratings estimates the consolidated adjusted Ebitda of Tata Power over Rs 12,000 crore in fiscal 2024 and expects it to remain above Rs 13,000 crore in fiscal 2025 (Rs 11,500 crore in fiscal 2023 and around Rs 9,600 crore in fiscal 2022).

Tata Power has sizeable capex plans, mainly towards RE and distribution, over the medium term. The capex for fiscal 2024 is estimated to be Rs 11,000-12,000 crore and is planned to be more than Rs 15,000 crore in fiscal 2025. That said, CRISIL Ratings has taken note of the management's intent to keep leverage in check. CRISIL Ratings expects that incremental debt is not likely to be more than ~50% of additional capex each fiscal. This will be supported by strong operating cash flow (with share of more than 80% from regulated distribution and steady generation business), which will keep consolidated net leverage comfortably below 4 times over the medium term. In fact, the consolidated leverage had reduced from ~ 4.5 times in fiscal 2022 to 3.8 times in fiscal 2023 and sustained below 4.0x in fiscal 2024.

CRISIL Ratings also notes the presence of large cash balance in Tata Power's Odisha distribution business, though the same has not been considered for net debt computation as the cash is encumbered against customer deposits. If the said cash is deemed feasible by the company to be used to meet its funding requirements in the future, it will reduce the dependence on external financing and improve the leverage and liquidity profile.

The ratings also factor in the strong financial flexibility of Tata Power aided by being a part of the Tata group. The financial flexibility is also supported by the demonstrated ability of Tata Power to raise strategic growth funds (~Rs 4,000 crore raised during fiscal 2023 by selling ~10% stake in the RE business). This will help achieve the capex target while keeping leverage within the rating threshold.

CRISIL Ratings expects the healthy profitability of Tata Power's regulated and stable business to improve on account of increase in growth capex, leading to healthy cash flow to support the said capex and sustenance of the consolidated net leverage. Same shall remain key monitorables.

CRISIL Ratings has also **withdrawn** its rating on non-convertible debentures (NCD) aggregating Rs. 1,000 crore (See Annexure 'Details of Rating Withdrawn' for details) on receipt of independent confirmation of their redemption. The rating is withdrawn in line with CRISIL Ratings' rating withdrawal policy.

^[1] Net debt means gross consolidated debt adjusted for unencumbered cash and equivalents (changed from earlier approach wherein net debt included adjustment for entire cash and equivalents from consolidated gross debt)

^[2] Adjusted Ebitda means consolidated operating profit of India businesses along with share of profits from joint ventures and associates (changed from earlier approach wherein adjusted Ebitda included share of Ebitda from joint ventures and associates, including overseas businesses).

Analytical Approach

CRISIL Ratings has used a combination of full and proportionate consolidation of Tata Power companies.

CRISIL Ratings has fully consolidated the subsidiaries of Tata Power as these entities form the core of the company's business. These include Tata Power's Delhi Distribution Company Ltd ('CRISIL A1+'); Maithon Power Ltd (MPL; 'CRISIL AA+/Stable/CRISIL A1+'); Tata Power Renewable Energy Ltd (TPREL; 'CRISIL AA+/Stable/CRISIL A1+') Powerlinks Transmission Ltd ('CRISIL AAA/Stable'), Tata Power Trading Company Ltd; Industrial Energy Ltd; and the special-purpose vehicles formed for the acquisition of coal entities in Indonesia, including Bhira Investments, Bhivpuri Investments and Khopoli Investments.

CRISIL Ratings has proportionately consolidated the share in profit after tax (PAT) for certain joint ventures and associate companies to the extent of Tata Power's shareholding in them, to reflect support to the extent of its interests in these businesses. These companies include coal-operating entities in Indonesia: 30% in PT Kaltim Prima Coal and 26% in PT Baramulti Suksessarana Tbk.

CRISIL Ratings has treated Tata Power's investment in Prayagraj Power Generation Co Ltd (Prayagraj) as a financial investment, given the minority stake held in the platform company, Resurgent Ventures Power Ventures Pte Ltd (Resurgent).

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

Key Rating Drivers & Detailed Description

Strengths:

- **Stable cash accrual from regulated and renewable businesses**

Tata Power earns more than 80% of Ebitda from its regulated and RE businesses, such as power generation, including the Mundra plant and distribution in Mumbai, power distribution in New Delhi, the 1050 megawatt (MW) capacity of MPL, and its transmission businesses. The balance life of the power purchase agreement (PPA) for generation assets, including MPL, the Mundra plant and the RE portfolio, spans more than 15 years, thus offering strong revenue visibility. Furthermore, the Mundra plant has been operating under Section 11 of the Electricity Act, 2003 (wherein the government has asked power generating companies to operate and maintain output to avoid any outage due to high demand), which has been extended till September 2024. Furthermore, discussions for supplementary PPAs for the Mundra plant are ongoing. The PPA of the power generation business for Mumbai (Trombay assets of around 930 MW) was extended by five years in November 2023. Distribution licenses with fixed returns for Mumbai, Delhi and Odisha are valid for another 15, 6 and 22 years, respectively. Significant improvement has been seen in operating efficiency of the Odisha discoms, surpassing AT&C targets set by the regulator for fiscal 2023. On the RE side, current generation capacity is ~7.8 gigawatt (GW) with ~4.4 GW operational and the balance under construction. The remaining PPA life of more than 12-15 years provides visibility for steady income over the medium term. Furthermore, backward integration in solar module manufacturing and decline in imported module prices will improve order execution of engineering, procurement and construction (EPC) contracts and generation capacities over the medium term. The proportion of cash

flow from the regulated and RE businesses is expected to remain high, driven by the company's focus on adding licenses in the distribution sector and RE generation segment.

- **Diversified business risk profile with presence across RE, generation, transmission and distribution businesses and across energy types**

Tata Power had around 12.4 GW of capacity as on November 10, 2023 (excluding 1,980 MW of Prayagraj), including its thermal and clean energy generation businesses, which include around 4.4 GW (operational capacity) of RE capacity through TPREL and Walwhan Renewable Energy Ltd. Its presence across the power value chain (generation, transmission and distribution, power trading, as well as fuel supply [imported coal mining and shipping]) cushions it from project-specific issues and helps achieve operating efficiency and better working capital management at the group level. Furthermore, ongoing commissioning and ramp up of solar cell plus module manufacturing capacity under TP Solar (Tata Power's step-down subsidiary) will further mitigate risks related to project execution as the company focuses on growing in the RE space. While the module manufacturing capacity was commissioned in fiscal 2024, cell manufacturing capacity is expected to be commissioned during the first half of fiscal 2025, which will further integrate operations.

- **Strong financial flexibility**

The company has strong financial flexibility, driven by stable and healthy cash accrual from the existing businesses and adequate liquidity. Though there are sizeable repayments due over the near to medium term, past trends of timely refinancing supported by being a part of the Tata group, which increases access to the capital market and the banking system, provides comfort. Tata Group has a 46.86% shareholding in Tata Power and the latter is one of the flagship companies of the group. Tata Power has also demonstrated its ability to raise funds (sold a minority stake in the RE business while TPCL still holds ~ 90% in the RE business) to support its business, which aids its financial flexibility.

Weaknesses:

- **Unviable project economics of Mundra plant in the past, plant operations and profitability supported by Section 11 of the Electricity Act**

Losses incurred by the Mundra plant (previously housed under CGPL and merged into Tata Power on March 31, 2022) on account of unviable project economics adversely impacted Tata Power's operating earnings during the past few years. The Mundra plant's under-recoveries of fuel cost are primarily on account of the non-escalable variable charges component in the tariff. The plant has made efforts to improve operating efficiency and minimise under-recoveries by procuring coal from various sources. Coal mines in Indonesia offer a partial natural hedge to the Mundra plant's operations. While profits from overseas coal mining companies helped support under-recoveries for the Mundra plant in fiscals 2022 and 2023, higher operating rates of the plant under continued extension of Section 11 (since May 2022) with full variable cost passthrough (except its share of profit in procurement of coal from own mines) has helped improve operating profitability since fiscal 2023.

Healthy power demand in the country and the continued extension of Section 11 provide visibility of operations for the Mundra plant. The plant is also in discussions with counterparties for finalising long-term supplementary PPAs with expected full fuel cost passthrough. However, progress in finalisation of the supplementary PPAs will remain a key monitorable.

- **Moderate leverage, expected to remain comfortable over the medium term despite healthy capex plans**

Consolidated net leverage and gearing of ~3.8 and ~1.5 times, respectively, as on March 31, 2023, indicate a moderate capital structure for the company. Tata Power is estimated to have incurred capex of Rs 11,000-12,000 crore in fiscal 2024 and plans capex of more than Rs 15,000 crore in fiscal 2025. CRISIL Ratings expects the said annual capex to be funded in a debt-equity mix of 1:1 or better. The capex is expected to boost operating profitability over the medium term with likely increase in revenue and operational integration. Thus, the net leverage is expected to remain comfortably within the rating threshold of less than 4.0x.

CRISIL Ratings has taken note of the sizeable debt obligation over the medium term. However, the company has a track record of successful and timely refinancing loans and of raising debt at competitive costs. Furthermore, the ratings factor in the management's intent to elongate the debt tenure to support liquidity. This is reflected in the increase in the share of long-term debt in consolidated debt to 86% as on December 31, 2023, from 69% as on September 30, 2023, and 60% as on March 31, 2023.

Liquidity: Strong

Cash accrual is estimated at Rs 6,500-7,500 crore for fiscal 2024 and is expected over Rs 7,500 crore in fiscal 2025, which will help fund majority of the capex. While operating cash accrual will support the ongoing capex, maturing debt (around Rs 6,500 crore) in fiscal 2025 is expected to be largely refinanced given the strength of the company's cash flow. As of December 2023, consolidated cash and equivalents stood at Rs 8,719 crore. This includes cash lien marked for security deposits at distribution entities of nearly Rs 6,500 crore. Unutilised bank line of ~Rs 1,370 crore as of December 2023 also supports liquidity. Additionally, need-based support from the Tata group bolsters the financial flexibility for Tata Power.

Environment, social, and governance (ESG) profile

CRISIL Ratings believes the Environment, Social, and Governance (ESG) profile of Tata Power supports its already strong credit risk profile.

The power sector has a significant impact on the environment owing to higher emissions, water consumption and waste generation. This is because the generation of conventional power involves high dependence on natural resources, mainly coal. The sector has a social impact as operations affect the local community and involve health hazards. Tata Power is focused on mitigating its environmental and social risks.

Key ESG highlights

- The company aims to become carbon neutral before 2045, 100% fly ash utilisation and zero waste to landfill before 2030. It is progressively reducing its dependence on fresh water and is taking measures such as rainwater harvesting to achieve water neutrality before 2030.
- It plans to increase its clean and green portfolio to 80% by 2030 and 100% before 2045.
- It aims to impact 80 million lives directly by 2027 through its corporate social responsibility (CSR) activities and achieve zero fatality across all entities
- Gender diversity is on par with peers, with around 10% women in leadership positions and ~8% in overall full-time workforce.
- The governance structure is characterised by 50% of its board comprising independent directors. Further, there is a split in the chairman and CEO positions. The company has a committee at the board level to address investor grievances and put out extensive disclosures.

There is growing importance of ESG among investors and lenders. The commitment of Tata Power to ESG principles will play a key role in enhancing stakeholder confidence, given the high share of market borrowing in its overall debt and access to both domestic and foreign capital markets.

Outlook: Stable

Given the regulated and stable nature of its businesses, Tata Power will likely generate strong and steady cash accrual over the medium term and sustain its healthy credit risk profile.

Rating Sensitivity factors

Upward factors

- More-than-expected improvement in business risk profile, supporting significant increase in annual operating profit on a sustained basis, resulting in better than expected return on capital employed
- Consolidated adjusted net leverage (ratio of net debt to adjusted Ebitda) sustaining below 2.5-3.0 times times

Downward factors

- Net debt to Ebitda ratio above 4.0-4.3 times on sustained basis
- Any major debt-funded acquisition, weakening the financial risk profile

About the Company

Tata Power is India's largest integrated private power utility, with installed generation capacity of 12.4 GW as on November 10, 2023 (excluding 1.98 GW through a platform structure). The company is present across the power business spectrum, from generation (thermal, hydro, solar and wind) to transmission and distribution.

CGPL was formed to implement the Mundra plant, which has five units of 800 MW each. CGPL has been merged with Tata Power post receipt of the National Company Law Tribunal approval for the same dated March 31, 2022.

MPL, Tata Power's 74% joint venture with Damodar Valley Corporation, operates the Maithon project, which has two units of 525 MW each.

Powerlinks Transmission Ltd operates a 400-kV transmission line from Bhutan to Delhi.

Tata Power holds 30% and 26% stake in Indonesian coal mining companies, PT Kaltim Prima Coal and PT Baramulti Suksessarana Tbk, respectively. It had signed an agreement to sell 30% stake in Arutmin to the Bakrie family for USD 400 million (around Rs 2,800 crore), a majority of which has been realised.

The company also has a large dedicated RE portfolio under its subsidiary TPREL with ~7.8 GW of generation portfolio with ~4.2 GW operational and the balance under construction (800-1000 MW expected to be commissioned by the end of calendar year 2024). The company has also integrated backward with the commissioning of 4 GW solar module manufacturing facility in Tamil Nadu. Cell manufacturing facility is expected to be commissioned in the first half of fiscal 2025. The solar module and cell manufacturing facilities will support both, the EPC (order book of Rs 15,885 crore as on December 31, 2023) and generation portfolio of the company. It is also present in supportive segments such as EV charging, rooftop solar and solar pumps.

Tata Power has also acquired the 344-circuit km (cKm) Bikaner-III Neemrana-II Transmission Ltd to evacuate 7.7 GW of RE from the Bikaner complex in Rajasthan. It has also been declared L1 for the 80-cKm Jalpura Khurja transmission line connecting the Jalpura substation with the Khurja power plant.

In September 2016, Tata Power and ICICI Venture partnered to launch a power platform, Resurgent Power Ventures Pte Ltd (Resurgent), in Singapore, along with global investors. Resurgent will invest in operational and near-operational thermal, hydro, and transmission assets. In December 2019, Renascent Power Ventures Pvt Ltd, a wholly owned subsidiary of Resurgent, completed the acquisition of 75.01% stake in Prayagraj, which owns and operates a 1,980 MW supercritical power plant in Uttar Pradesh. Furthermore, Resurgent acquired South East UP Power Transmission Company Ltd (intra state transmission asset in Uttar Pradesh; total length of ~1500 km) in fiscal 2023, as part of stressed asset resolution process.

Key Financial Indicators(consolidated; CRISIL Ratings-adjusted)

Particulars	Unit	2023	2022
Operating income	Rs crore	56,517	43,014
Profit after tax (PAT)	Rs crore	3,810	2,156

PAT margin	%	6.7	5.01
Adjusted total debt/adjusted network	Times	1.6	2.11
Interest coverage	Times	2.6	2.6

Any other information: Not applicable

Note on complexity levels of the rated instrument:

CRISIL Ratings` complexity levels are assigned to various types of financial instruments and are included (where applicable) in the 'Annexure - Details of Instrument' in this Rating Rationale.

CRISIL Ratings will disclose complexity level for all securities - including those that are yet to be placed - based on available information. The complexity level for instruments may be updated, where required, in the rating rationale published subsequent to the issuance of the instrument when details on such features are available.

For more details on the CRISIL Ratings` complexity levels please visit www.crisilratings.com. Users may also call the Customer Service Helpdesk with queries on specific instruments.

Annexure - Details of Instrument(s)

ISIN	Type of instrument	Date of allotment	Coupon Rate (%)	Maturity date	Issue size (Rs crore)	Complexity level	Rating assigned with outlook
NA	Debentures**	FY 24	7.8%-7.9%	FY 29 to FY 32	1000	Complex	CRISIL AA+/Stable
INE245A08273	NCD	Sep-23	7.715%	Sep-2030	1000	Simple	CRISIL AA+/Stable
INE245A08257	NCD	Dec-22	7.75%	8-Jan-2030	500	Simple	CRISIL AA+/Stable
INE245A08265	NCD	Dec -22	7.75%	29-Dec-2032	500	Simple	CRISIL AA+/Stable
INE245A07259	NCD	23-Jul-14	9.15%	23-Jul-24	20	Simple	CRISIL AA+/Stable
INE245A07267	NCD	23-Jul-14	9.15%	23-Jul-25	20	Simple	CRISIL AA+/Stable
INE245A07408	NCD	17-Sep-14	9.15%	17-Sep-24	16	Simple	CRISIL AA+/Stable
INE245A07416	NCD	17-Sep-14	9.15%	17-Sep-25	26	Simple	CRISIL AA+/Stable
INE245A08232	NCD	24-Mar-21	7.77%	23-Mar-29	150	Simple	CRISIL AA+/Stable
INE245A08240	NCD	24-Mar-21	7.77%	24-Mar-31	200	Simple	CRISIL AA+/Stable
INE245A08224	NCD	24-Mar-21	7.77%	22-Mar-30	150	Simple	CRISIL AA+/Stable
NA	Commercial paper	NA	NA	7-365 days	9,000	Simple	CRISIL A1+
NA	Term Loan	NA	NA	31-Mar-2026	500	NA	CRISIL AA+/Stable
NA	Term Loan	NA	NA	30-Sep-2030	350	NA	CRISIL AA+/Stable
NA	Term Loan	NA	NA	31-mar-2033	277.1	NA	CRISIL AA+/Stable
NA	Term Loan	NA	NA	28-feb-2025	125.62	NA	CRISIL AA+/Stable
NA	Term Loan	NA	NA	13-jun-2023	500	NA	CRISIL AA+/Stable
NA	Term Loan	NA	NA	31-dec-2033	317.63	NA	CRISIL AA+/Stable
NA	Term Loan	NA	NA	16-May-2029	964.58	NA	CRISIL AA+/Stable
NA	Term Loan	NA	NA	31-Mar-2033	895	NA	CRISIL AA+/Stable
NA	Term Loan	NA	NA	16-May-29	136.36	NA	CRISIL AA+/Stable
NA	Term Loan	NA	NA	30-Mar-28	148.44	NA	CRISIL AA+/Stable
NA	Term Loan	NA	NA	28-Feb-25	210	NA	CRISIL AA+/Stable
NA	Term Loan	NA	NA	31-Mar-33	194.06	NA	CRISIL AA+/Stable

NA	Term Loan	NA	NA	16-Feb-29	164.67	NA	CRISIL AA+/Stable
NA	Term Loan	NA	NA	31-Mar-33	180.01	NA	CRISIL AA+/Stable
NA	Term Loan	NA	NA	31-Jul-31	198.44	NA	CRISIL AA+/Stable
NA	Term Loan	NA	NA	31-Mar-33	249.38	NA	CRISIL AA+/Stable
NA	Term Loan	NA	NA	24-Jun-27	166.25	NA	CRISIL AA+/Stable
NA	Term Loan	NA	NA	31-Mar-2038	500	NA	CRISIL AA+/Stable
NA	Term Loan	NA	NA	31-Dec-2034	277.11	NA	CRISIL AA+/Stable
NA	Term Loan	NA	NA	27-Jun-25	250	NA	CRISIL AA+/Stable
NA	Rupee Term Loan	NA	NA	16-May-2029	125.63	NA	CRISIL AA+/Stable
NA	Rupee Term Loan	NA	NA	15-July-2024	215	NA	CRISIL AA+/Stable
NA	Rupee Term Loan	NA	NA	31-Mar-2024	180	NA	CRISIL AA+/Stable
NA	Proposed Long Term Bank Loan Facility	NA	NA	NA	1072.88	NA	CRISIL AA+/Stable
NA	Bank Guarantee&	NA	NA	NA	250	NA	CRISIL A1+
NA	Cash credit & working capital demand loan^	NA	NA	NA	100	NA	CRISIL AA+/Stable
NA	Cash credit & working capital demand loan	NA	NA	NA	650	NA	CRISIL AA+/Stable
NA	Short term loan	NA	NA	NA	250	NA	CRISIL A1+
NA	Overdraft Facility#	NA	NA	NA	200	NA	CRISIL AA+/Stable
NA	Letter of Credit%	NA	NA	NA	400	NA	CRISIL A1+
NA	Letter of Credit	NA	NA	NA	4600	NA	CRISIL A1+
NA	Short term loan@	NA	NA	NA	185	NA	CRISIL A1+
NA	Letter of credit & Bank Guarantee\$	NA	NA	NA	150	NA	CRISIL A1+
NA	Letter of credit & Bank Guarantee	NA	NA	NA	2675	NA	CRISIL A1+
NA	Working Capital Facility!	NA	NA	NA	225	NA	CRISIL AA+/Stable
NA	Working Capital Facility	NA	NA	NA	100	NA	CRISIL A1+
NA	Working Capital Loan	NA	NA	NA	600	NA	CRISIL A1+

&One way interchangeability to LC to the extent of 100%

^One way interchangeability from FB to NFB

% BG sublimit to the extent of 300

\$LC sublimit

LC & WCDL sublimit

! STL, BD & LC sublimit.

@ OD & BD to the extent of 50cr

**Yet to be issued

Annexure - Details of Rating withdrawn

ISIN	Type of instrument	Date of allotment	Coupon Rate (%)	Maturity date	Issue size (Rs crore)	Complexity Levels	Rating assigned with outlook
INE245A08190	NCD	25-Nov-20	6%	25-Nov-23	1000	Simple	Withdrawn

Annexure – List of entities consolidated

List of entities consolidated with Tata Power Company Ltd

Name of the Company	Extent of consolidation	Rationale for consolidation
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Tata Power Delhi Distribution Company Ltd	Full	Subsidiary
TP Central Odisha Distribution Ltd	Full	Subsidiary
TP Southern Odisha Distribution Ltd	Full	Subsidiary
TP Western Odisha Distribution Ltd	Full	Subsidiary
TP Northern Odisha Distribution Ltd	Full	Subsidiary
Maithon Power Ltd	Full	Subsidiary
Tata Power Renewable Energy Ltd	Full	Subsidiary
Tata Power Trading Company Ltd	Full	Subsidiary
Powerlinks Transmission Ltd	Full	Subsidiary
Industrial Energy Ltd	Full	Subsidiary
Tata Power Solar Systems Ltd	Full	Subsidiary
Bhira Investments Pte. Ltd	Full	Subsidiary
Bhivpuri Investments Ltd	Full	Subsidiary
Khopoli Investments Ltd	Full	Subsidiary
TP Ajmer Distribution Ltd	Full	Subsidiary
Supa Windfarm Ltd	Full	Subsidiary
Poolavadi Windfarm Ltd	Full	Subsidiary
Nivade Windfarm Ltd	Full	Subsidiary
Indo Rama Renewables Jath Ltd	Full	Subsidiary
Walwhan Renewable Energy Ltd	Full	Subsidiary
Clean Sustainable Solar Energy Pvt Ltd	Full	Subsidiary
Dreisatz Mysolar24 Pvt Ltd	Full	Subsidiary
MI Mysolar24 Pvt Ltd	Full	Subsidiary
Northwest Energy Pvt Ltd	Full	Subsidiary
Solarsys Renewable Energy Pvt Ltd	Full	Subsidiary
Walwhan Solar Energy GJ Ltd	Full	Subsidiary
Walwhan Solar Raj Ltd	Full	Subsidiary
Walwhan Solar BH Ltd	Full	Subsidiary
Walwhan Solar MH Ltd	Full	Subsidiary
Walwhan Wind RJ Ltd	Full	Subsidiary
Walwhan Solar AP Ltd	Full	Subsidiary
Walwhan Solar KA Ltd	Full	Subsidiary
Walwhan Solar MP Ltd	Full	Subsidiary
Walwhan Solar PB Ltd	Full	Subsidiary
Walwhan Energy RJ Ltd	Full	Subsidiary
Walwhan Solar TN Ltd	Full	Subsidiary
Walwhan Solar RJ Ltd	Full	Subsidiary
Walwhan Urja Anjar Ltd	Full	Subsidiary
Walwhan Urja India Ltd	Full	Subsidiary
Chirasthaye Saurya Ltd	Full	Subsidiary
Vagarai Windfarm Ltd	Full	Subsidiary
Trust Energy Resources Pte Ltd	Full	Subsidiary
Eastern Energy Pte Ltd	Full	Subsidiary
TP Kirnali Private Ltd	Full	Subsidiary
TP Solapur Limited	Full	Subsidiary
Adjaristsqali Netherlands B.V.	Proportionate	Operational and financial linkages
Khoromkheti Netherlands BV	Proportionate	Operational and financial linkages
Indocoal KPC Resources (Cayman) Ltd	Proportionate	Operational and financial linkages
Candice Investments Pte. Ltd.	Proportionate	Operational and financial linkages
PT Kalimantan Prima Power	Proportionate	Operational and financial linkages
PT Dwikarya Prima Abadi	Proportionate	Operational and financial linkages
PT Marvel Capital Indonesia	Proportionate	Operational and financial linkages
PT Nusa Tambang Pratama	Proportionate	Operational and financial linkages
PT Indocoal Kaltim Resources	Proportionate	Operational and financial linkages
Dagachhu Hydro Power Corporation Ltd	Proportionate	Operational and financial linkages
PT Kaltim Prima Coal	Proportionate	Operational and financial linkages
PT Baramulti Suksesarana Tbk	Proportionate	Operational and financial linkages
Itezhi Tezhi Power Corporation	Financial Investment	Financial linkages
Tata Projects Ltd	Financial Investment	Financial linkages
Resurgent Power Ventures Pte Ltd	Financial Investment	Financial linkages

Annexure - Rating History for last 3 Years

Instrument	Current			2024 (History)		2023		2022		2021		Start of 2021
	Type	Outstanding Amount	Rating	Date	Rating	Date	Rating	Date	Rating	Date	Rating	Rating
Fund Based Facilities	LT/ST	10508.16	CRISIL AA+/Stable		--	21-11-23	CRISIL AA/Positive	22-12-22	CRISIL A1+ /	14-10-21	CRISIL AA/Stable	CRISIL AA/Stable

			/ CRISIL A1+				/ CRISIL A1+		CRISIL AA/Stable			
			--	--	21-06-23		CRISIL A1+ / CRISIL AA/Stable	14-06-22	CRISIL A1+ / CRISIL AA/Stable	27-07-21	CRISIL AA/Stable	--
			--	--			--	26-04-22	CRISIL AA/Stable	18-03-21	CRISIL AA/Stable	--
			--	--			--	07-01-22	CRISIL AA/Stable	25-01-21	CRISIL AA/Stable	--
Non-Fund Based Facilities	ST	8075.0	CRISIL A1+	--	21-11-23		CRISIL A1+	22-12-22	CRISIL A1+	14-10-21	CRISIL A1+	CRISIL A1+
			--	--	21-06-23		CRISIL A1+	14-06-22	CRISIL A1+	27-07-21	CRISIL A1+	--
			--	--			--	26-04-22	CRISIL A1+	18-03-21	CRISIL A1+	--
			--	--			--	07-01-22	CRISIL A1+	25-01-21	CRISIL A1+	--
Commercial Paper	ST	9000.0	CRISIL A1+	--	21-11-23		CRISIL A1+	22-12-22	CRISIL A1+	14-10-21	CRISIL A1+	CRISIL A1+
			--	--	21-06-23		CRISIL A1+	14-06-22	CRISIL A1+	27-07-21	CRISIL A1+	--
			--	--			--	26-04-22	CRISIL A1+	18-03-21	CRISIL A1+	--
			--	--			--	07-01-22	CRISIL A1+	25-01-21	CRISIL A1+	--
Non Convertible Debentures	LT	4582.0	CRISIL AA+/Stable	--	21-11-23		CRISIL AA/Positive	22-12-22	CRISIL AA/Stable	14-10-21	CRISIL AA/Stable	CRISIL AA/Stable
			--	--	21-06-23		CRISIL AA/Stable	14-06-22	CRISIL AA/Stable	27-07-21	CRISIL AA/Stable	--
			--	--			--	26-04-22	CRISIL AA/Stable	18-03-21	CRISIL AA/Stable	--
			--	--			--	07-01-22	CRISIL AA/Stable	25-01-21	CRISIL AA/Stable	--
Perpetual Non Convertible Debentures	LT		--	--			--		--	14-10-21	Withdrawn	CRISIL AA/Stable
			--	--			--		--	27-07-21	CRISIL AA/Stable	--
			--	--			--		--	18-03-21	CRISIL AA/Stable	--
			--	--			--		--	25-01-21	CRISIL AA/Stable	--
Subordinated Non-Convertible Debentures	LT		--	--			--	22-12-22	Withdrawn	14-10-21	CRISIL AA/Stable	CRISIL AA/Stable
			--	--			--	14-06-22	CRISIL AA/Stable	27-07-21	CRISIL AA/Stable	--
			--	--			--	26-04-22	CRISIL AA/Stable	18-03-21	CRISIL AA/Stable	--
			--	--			--	07-01-22	CRISIL AA/Stable	25-01-21	CRISIL AA/Stable	--

All amounts are in Rs.Cr.

Annexure - Details of Bank Lenders & Facilities

Facility	Amount (Rs.Crore)	Name of Lender	Rating
Bank Guarantee^{&}	250	State Bank of India	CRISIL A1+
Cash Credit & Working Capital Demand Loan	50	ICICI Bank Limited	CRISIL AA+/Stable
Cash Credit & Working Capital Demand Loan[^]	100	State Bank of India	CRISIL AA+/Stable
Cash Credit & Working Capital Demand Loan	500	Bank of America N.A.	CRISIL AA+/Stable
Cash Credit & Working Capital Demand Loan	100	IDBI Bank Limited	CRISIL AA+/Stable
Letter of Credit	2200	ICICI Bank Limited	CRISIL A1+
Letter of Credit	300	Standard Chartered Bank Limited	CRISIL A1+
Letter of Credit[%]	400	Axis Bank Limited	CRISIL A1+
Letter of Credit	1100	State Bank of India	CRISIL A1+

Letter of Credit	1000	ICICI Bank Limited	CRISIL A1+
Letter of credit & Bank Guarantee	300	IDFC FIRST Bank Limited	CRISIL A1+
Letter of credit & Bank Guarantee ^{\$}	150	IndusInd Bank Limited	CRISIL A1+
Letter of credit & Bank Guarantee	300	IDBI Bank Limited	CRISIL A1+
Letter of credit & Bank Guarantee	1330	State Bank of India	CRISIL A1+
Letter of credit & Bank Guarantee	745	ICICI Bank Limited	CRISIL A1+
Overdraft Facility [#]	200	Axis Bank Limited	CRISIL AA+/Stable
Proposed Long Term Bank Loan Facility	1072.88	Not Applicable	CRISIL AA+/Stable
Rupee Term Loan	125.63	HDFC Bank Limited	CRISIL AA+/Stable
Rupee Term Loan	215	Axis Bank Limited	CRISIL AA+/Stable
Rupee Term Loan	180	ICICI Bank Limited	CRISIL AA+/Stable
Short Term Loan	250	The South Indian Bank Limited	CRISIL A1+
Short Term Loan [@]	185	IndusInd Bank Limited	CRISIL A1+
Term Loan	277.1	Bajaj Finance Limited	CRISIL AA+/Stable
Term Loan	125.62	Kotak Mahindra Bank Limited	CRISIL AA+/Stable
Term Loan	500	The Federal Bank Limited	CRISIL AA+/Stable
Term Loan	317.63	HDFC Bank Limited	CRISIL AA+/Stable
Term Loan	964.58	State Bank of India	CRISIL AA+/Stable
Term Loan	895	Housing Development Finance Corporation Limited	CRISIL AA+/Stable
Term Loan	500	Axis Bank Limited	CRISIL AA+/Stable
Term Loan	350	Kotak Mahindra Bank Limited	CRISIL AA+/Stable
Term Loan	284.8	Kotak Mahindra Bank Limited	CRISIL AA+/Stable
Term Loan	210	Punjab National Bank	CRISIL AA+/Stable
Term Loan	1152.81	HDFC Bank Limited	CRISIL AA+/Stable
Term Loan	500	HDFC Bank Limited	CRISIL AA+/Stable
Term Loan	277.11	HDFC Bank Limited	CRISIL AA+/Stable
Term Loan	250	IndusInd Bank Limited	CRISIL AA+/Stable
Working Capital Facility	100	DBS Bank Limited	CRISIL A1+
Working Capital Facility [!]	225	Kotak Mahindra Bank Limited	CRISIL AA+/Stable
Working Capital Loan	600	HDFC Bank Limited	CRISIL A1+

&One way interchangeability to LC to the extent of 100%

[^]One way interchangeability from FB to NFB

% BG sublimit to the extent of 300

SLC sublimit

LC & WCDL sublimit

! STL, BD & LC sublimit

@ OD & BD to the extent of 50cr

Criteria Details

Links to related criteria

[CRISILs Approach to Financial Ratios](#)

[Criteria for rating wind power projects](#)

[Criteria for rating solar power projects](#)

[Criteria for rating entities belonging to homogenous groups](#)

[CRISILs Criteria for rating short term debt](#)

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