CESC Limited
January 08, 2024

Facilities/Instruments	Amount (₹ crore)	Rating[1]	Rating Action
Long-term bank facilities	9,830.20 (Enhanced from 8,907.07)	CARE AA; Negative	Reaffirmed
Short-term bank facilities	750.00	CARE A1+	Reaffirmed
Non-convertible debentures	40.00	CARE AA; Negative	Reaffirmed
Non-convertible debentures	15.00	CARE AA; Negative	Reaffirmed
Non-convertible debentures	200.00	CARE AA; Negative	Reaffirmed
Non-convertible debentures	30.00	CARE AA; Negative	Reaffirmed
Non-convertible debentures	125.00	CARE AA; Negative	Reaffirmed
Non-convertible Debentures	200.00	CARE AA; Negative	Reaffirmed
Non-convertible debentures	275.00	CARE AA; Negative	Reaffirmed
Non-convertible debentures	100.00	CARE AA; Negative	Reaffirmed
Non-convertible debentures	300.00	CARE AA; Negative	Reaffirmed
Non-convertible debentures	200.00	CARE AA; Negative	Reaffirmed
Non-convertible debentures	600.00	CARE AA; Negative	Reaffirmed
Commercial paper	300.00	CARE A1+	Reaffirmed
Commercial paper (Carved out)*	500.00	CARE A1+	Reaffirmed
Commercial paper (Carved out)*	800.00	CARE A1+	Reaffirmed

Details of instruments/facilities in Annexure-1.

Rationale and key rating drivers

The long-term and short-term ratings of CESC Limited (CESC) derive strength from its status as monopoly for distribution of power in the licensed area of Kolkata and Greater Noida (through its joint venture [JV] - Noida Power Company Limited [NPCL]) and cost-plus nature of its business with assured returns. The ratings also factor in the fair operational diversity with strong integration of its generation and distribution business wherein around 90% of the group's power supply to retail consumers is met through its own generating stations. Besides, other credit positives include favourable consumer mix across geographies for its distribution business with high operational efficiencies across segments as reflected in lower-than-approved transmission and distribution (T&D) losses for its distribution business leading to incentive income.

The ratings also derive strength from the healthy business profile of CESC's generating stations characterised by the presence of long-term/medium-term power purchase agreement (PPA) for 95% of its total capacity, continued visibility in fuel supply due to the presence of long-term fuel supply agreement (FSA) and captive mine. The operational profile of these plants remained comfortable due to better-than-normative plant availability factor (PAF) leading to full recovery of their fixed charges in FY23 (refers to the period from April 01 to March 31) and H1FY24 (refers to the period of April 01 to September 30) along with better volume and realisation on sales on merchant/short-term mode.

The aforementioned rating strengths are, however, tempered by tightening of regulatory norms as notified by West Bengal Electricity Regulatory Commission (WBERC) leading to significant reduction in its incentive income starting FY24. Furthermore, there has been significant accumulation of regulatory assets in CESC's books of accounts due to sluggish regulatory environment.

Since last review, CARE Ratings has observed that true up of accounts till FY19 along with recognition of almost entire regulatory assets (as on March 31, 2019) as prayed by CESC has been done by WBERC. Further WBERC has released the tariff order for the year FY2022-23 on December 11, 2023 with no change in tariff. CESC's elevated leverage and marginal coverage driven by sizable capital expenditure (capex), dividend and overhead expenses also constrains the rating strengths. Moreover, bulky repayments in the medium term necessitating refinancing, funding support for its distribution franchisee business and under-recoveries arising from use of coal from its captive coal mine due to negative bid are other credit weaknesses.

Rating sensitivities: Factors likely to lead to rating actions

Positive factors

- Improvement in the profitability with the consolidated return on net worth (RONW) around 15% on a sustained basis.
- Improvement in the consolidated overall gearing ratio below 0.6x and total debt to PBILDT of below 2.5x.

[1]Complete definition of the ratings assigned are available at www.careedge.in and other CARE Ratings Ltd.'s publications

Negative factors

- Material delay and/or significant disallowances in receipt of tariff orders/ true up orders.
- Deterioration in the consolidated overall gearing ratio above 1.50x.
- Weakening in the liquidity profile with free cash balance dipping below ₹2,000 crore on a consolidated basis.
- Deterioration in the operating parameters or significant tightening of normative parameters.
- Significantly higher-than-envisaged level of support flowing to weak distribution franchisees

Analytical approach: Consolidated. The list of entities getting consolidated is as per Annexure-6.

Outlook: Negative

This is on account of the persisting unfavourable regulatory environment, thus affecting its Kolkata distribution business. The same is likely to add pressure on the operating cash flows of the company leading to elevated leverage and modest coverage metrics in the medium term. The outlook may be revised to stable if the company receives favourable regulatory orders which may lead to improvement in its gross cash accrual (GCA) and hence better leverage metrics.

Detailed description of the key rating drivers:

Key strengths

Established group with presence across diverse business verticals

CESC is a part of the RP-Sanjiv Goenka group. The group has interests across diverse business segments, such as power, infrastructure, carbon black, retail, education, BPO, and media & entertainment. CESC has a highly-qualified and experienced employee pool having large experience in their related fields. CESC's improvement in operational efficiency over the years can be attributed to its experienced management team.

Long track record

Incorporated in 1899, CESC is an integrated power utility engaged in the business of generation, transmission and distribution (T&D) of electricity to the consumers in its licensed area, covering Kolkata and Howrah.

Fair operational diversity, strong business integration with a large share of revenue from regulated business

The T&D business is spread across Kolkata, Greater Noida, Rajasthan and Chandigarh. Its 2.1 GW thermal capacity is located in West Bengal. Deep integration is evidenced from sourcing of around 90% of the group's power supply to retail consumers through its own generating sources. CARE Ratings notes that over the years, the revenue from regulated business has been more than 85%, while 78% of the thermal capacity has regulated tariff with fixed return on equity, which imparts cash flow stability for the company.

Regulated monopolistic operation in distribution licensee businesses

CESC and NPCL (72.73% JV of CESC) are the sole power distributing licensees for the Kolkata and Greater Noida region, respectively, with validity upto September 2038 and June 2029, respectively. The operations are on cost-plus tariff regime with opportunity to recover the cost incurred (subject to approval from the regulator), return on equity (RoE) and generate additional income from incentive by posting better operating efficiencies. However, the allowed RoE for its Kolkata business has been reduced by 1% for the addition in assets from FY25.

Distribution licensee business have favourable consumer mix with strong operational performance

Major consumers of the Kolkata operation are based in the city with diversified consumer mix. Moreover, the Greater Noida operation has superior high tension (HT): low tension (LT) mix. Both the regions derive considerable collection through digital channel. The T&D loss for the Kolkata region is significantly lower than the WBERC norms leading to sizable incentive income on a regular basis, and that for Greater Noida region is in line with the Uttar Pradesh Electricity Regulatory Commission (UPERC) norms.

Healthy operational performance of power generating business

The operational performance of the power generation business of CESC was healthy in FY23 marked by higher-than-normative plant availability factor (PAF) and weighted average plant load factor (PLF) higher than the national average for each of the past five years. PLF for FY23 stood at 71%, which was higher than the national average thermal PLF of 64%. Generation profile continued to be robust during H1FY24 at 74%.

Furthermore, healthy realisation upon sale of power by Dhariwal Infrastructure Limited (DIL) on short-term basis aided substantial debt prepayment during FY23. Hence, CARE Ratings expects the requirement of financial support from the group to reduce going forward.

The plant availability and generation of Haldi Energy Limited (HEL) and Crescent Power Limited (CPL, rated 'CARE A-; Stable', operating 55-MW plants) continued to be strong in FY23 and H1FY24. Both the plant availability as well as generation profile of CESC's standalone units continued to be steady during FY23 and H1FY24. The plants continued to remain insulated from fuel supply risk through the presence of FSA of 15.95 million tonne per annum with subsidiaries of Coal India Ltd and captive mine (Sarisatolli) operations.

Key weaknesses

Unfavourable changes in regulatory norms and accumulation of regulatory assets

The company has witnessed delay in receipt of tariff order and true up order from WBERC (the regulator) in the past. True-up order for FY19 was rolled out on September 22, 2023 with the acknowledgement of 97.6% of the regulatory assets claimed by CESC as on March 31, 2019. True-up orders from FY20 till FY23 period are yet to be rolled out by WBERC. The adjusted regulatory assets, as per CESC's consolidated books of account, stood elevated at ₹3,381 crore as on March 31, 2023 (PY: ₹2,147 crore). This was due to under recovery of fuel and power purchase cost. The management has cited that tariff hike has remained muted for an extended period. There has been no hike in the tariff rate for the year 2022-23 as per WBERC's tariff order rolled out on December 11, 2023. CESC is also yet to collect fuel cost adjustment surcharge from its retail consumers of Kolkata despite sharp increase in power purchase cost. Moreover WBERC, vide recent regulations has reduced the normative transmission and distribution (T&D) loss from 14.3% to 9% in FY24, 8.5% in FY25 and 8% in FY26. While there is some allowance in repair and maintenance cost, the overall incentive income of the company has been adversely affected. Going forward, receipt of favourable tariff order from WBERC will be important from operating cash flow perspective of CESC.

Elevated leverage and marginal coverage metrics, marked by consistently higher dividends

The overall gearing and total debt (TD)/PBILDT stood high at 1.27x as on March 31, 2023 (PY: 1.40x) and 6.27x (PY: 4.92x) as on March 31, 2023. The projected debt service coverage ratio (DSCR) is weak on account of bulky repayments with sizable internal accrual commitments for capex. The GCA in the past was also impacted by higher overhead expenses. Dividend payment by the company has been consistently high in each of the preceding three years.

Profitability partially offset by negative bid in Sarisatolli captive coal mine

Of the total coal used by CESC in FY23, 46% (PY: 38%) was sourced from its captive mine (Sarisatolli). CARE Ratings notes that although the group won this mine in February 2015 at negative bid of ₹470/ton, under-recovery in terms of fuel cost continues to offset the profitability of the company.

Funding support envisaged for distribution franchisee business

In the past, CESC, on a standalone basis, has extended support to the weaker entities in its group to meet short-term liquidity mismatch/capex requirements. Although the credit profile of DIL has improved recently, support is envisaged for few of the loss-making distribution franchisee.

Liquidity: Adequate

The cash and cash equivalent of the company (on consolidated basis) stood at ₹2,051 crore as on November 30, 2023. Furthermore, the company had around ₹1730 crore of unutilised fund-based working capital limits as on same date. Its GCA in FY24, coupled with unutilised fund-based working capital limits and free cash balance would be adequate to service the debt obligations of ₹2,455 crore for FY24. The company has articulated its stand regarding carrying out refinancing whenever required with lower interest rate debt and has also articulated about its liquidity policy, whereby it plans to maintain liquidity of ₹2,000 crore on consolidated basis in the medium term. The company is dependent on refinancing part of its scheduled repayments out of which a portion has already been refinanced. Notwithstanding, the company has maintained a successful track record of refinancing its existing debt at relatively competitive rates which provides comfort.

Environment, social, and governance (ESG) risks

CESC has a large portion of its installed capacity in the thermal segment which has adverse impact on the environment due to emissions, waste generation among others. Furthermore, the use of coal as fuel in the said thermal plants causes emissions and impacts health of the people. However, CESC is attempting to mitigate the ESG risks by 2030 by following:

- 100% of operational fleet will be replaced by green technology such as electric vehicles.
- Reducing water intensity of thermal plants below 2.25 KL/Mwh.
- Achieving zero waste to landfill through value-added utilisation.
- Providing pre-primary, primary and secondary education to at least 15,000 children.
- Skill development training and employment opportunities to at least 7,500 under-privileged youth.

• Representation of women in its board to 30%.
• Implementation of anti-bribery certification like ISO 37001 across operations.

CESC is expected to benefit from its leadership in green buildings (currently at 3 million sq ft.) and certifications from organisations like LEED and IGBC. CESC is focused on education, healthcare, clean drinking water and sanitation for strengthening communities in the society through their CSR spends. Furthermore, CESC strives to maintain the highest standards of corporate governance through their core values, viz., sustainability, customer first, execution excellence, credibility, agility and risk taking.

Applicable criteria

Definition of Default
Financial Ratios – Non financial Sector
Liquidity Analysis of Non-financial sector entities
Infrastructure Sector Ratings
Rating Outlook and Rating Watch
Power Distribution
Solar Power Projects
Thermal Power
Consolidation

About the company and industry

Industry classification

Macro-economic Indicator	Sector	Industry	Basic Industry
Utilities	Power	Power	Integrated power Utilities

CESC belongs to the RP-Sanjiv Goenka group, which is a vertically-integrated power utility engaged in generation, transmission and distribution of electricity to the consumers in its licensed area, covering Kolkata and Howrah. As on June 30, 2023, the company has three thermal (coal-based) power stations with total generating capacity of 1,125 MW (operating capacity: 885 MW) serving 3.4 million consumers in its 567-sq km licensed area. The combined installed capacity (thermal) of the group is 2,143 MW, with power plants operating under the subsidiaries in Haldia, WB (600 MW) under HEL, Chandrapura, Maharashtra (600 MW) under DIL and 40 MW in Asansol, WB, under Crescent Power Ltd (CPL). The group also operates solar power plant of 15 MW in Tamil Nadu under CPL.

Brief Financials (₹ crore)*	FY22 (A)	FY23 (A)	H1FY24 (UA)
Total operating income	12,544	14,246	8,662
PBILDT	3,042	2,274	1,491
PAT	1,404	1,397	731
Overall gearing (times)	1.40	1.27	1.20
Interest coverage (times)	3.03	2.86	2.43

A: Audited UA: Unaudited; Note: 'the above results are latest financial results available'; *analytically adjusted as per CARE Ratings' methodology

Status of non-cooperation with previous CRA: Not applicable

Any other information: Not applicable

Rating history for last three years: Please refer Annexure-2

Covenants of rated instrument / facility: Detailed explanation of covenants of the rated instruments/facilities is given in Annexure-3

Complexity level of various instruments rated: Annexure-4

Lender details: Annexure-5

Annexure-1: Details of instruments/facilities

Name of the Instrument	ISIN	Date of Issuance	Coupon Rate (%)	Maturity Date	Size of the Issue (₹ crore)	Rating Assigned along with Rating Outlook
Commercial paper-Commercial paper (Carved out)	-	NA	NA	Not yet placed	800.00	CARE A1+
Commercial paper-Commercial paper (Carved out)	-	NA	NA	Not yet placed	500.00	CARE A1+
Commercial paper-Commercial paper (Standalone)	-	NA	NA	Not yet placed	300.00	CARE A1+
Debentures-Non convertible debentures	INE478A07234	March 05, 2020	7.59	February 02, 2024	40.00	CARE AA; Negative
Debentures-Non-convertible debentures	INE478A07234	March 05, 2020	7.66	February 02, 2024	15.00	CARE AA; Negative
Debentures-Non-convertible debentures	INE486A07259	October 13, 2020	7.12	October 13, 2024	200.00	CARE AA; Negative
Debentures-Non-convertible debentures	Proposed	NA	NA	NA	30.00	CARE AA; Negative
Debentures-Non-convertible debentures	INE486A07275	December 21, 2020	5.90	September 30, 2026	125.00	CARE AA; Negative
Debentures-Non-convertible debentures	INE486A07267	December 28, 2020	5.85	December 07, 2023	200.00	CARE AA; Negative
Debentures-Non-convertible debentures	INE486A07275	December 21, 2020	5.90	September 30, 2026	275.00	CARE AA; Negative
Debentures-Non-convertible debentures	INE486A07283	December 24, 2021	5.40	December 24, 2024	100.00	CARE AA; Negative
Debentures-Non-convertible debentures	INE486A07309	November 16, 2022	8.11	November 16, 2027	300.00	CARE AA; Negative
Debentures-Non-convertible debentures	INE486A07291	October 17, 2022	8.08	October 17, 2027	200.00	CARE AA; Negative
Debentures-Non-convertible debentures	INE486A07317	September 29, 2023	8.45	September 29, 2028	300.00	CARE AA; Negative
Debentures-Non-convertible debentures	INE486A07325	December 28, 2023	8.59	December 28, 2028	200.00	CARE AA; Negative
Debentures-Non-convertible debentures	INE486A07333	December 29, 2023	8.76	December 29, 2028	100.00	CARE AA; Negative
Fund-based - LT-Cash credit	-	-	-	-	1600.00	CARE AA; Negative

Name of the Instrument	ISIN	Date of Issuance	Coupon Rate (%)	Maturity Date	Size of the Issue (₹ crore)	Rating Assigned along with Rating Outlook
Fund-based - LT-Term loan	-	-	-	March 31, 2033	4093.15	CARE AA; Negative
Fund-based - LT-Term loan	-	-	-	March 31, 2036	4134.55	CARE AA; Negative
Non-fund-based - ST-BG/LC	-	-	-	-	750.00	CARE A1+
Term loan-Long term	-	-	-	June 30, 2023	2.50	CARE AA; Negative

Annexure-2: Rating history for the last three years

Sr. No.	Name of the Instrument/Bank Facilities	Current Ratings			Rating History			
		Type	Amount Outstanding (₹ crore)	Rating	Date(s) and Rating(s) assigned in 2023-2024	Date(s) and Rating(s) assigned in 2022-2023	Date(s) and Rating(s) assigned in 2021-2022	Date(s) and Rating(s) assigned in 2020-2021
1	Commercial paper-Commercial paper (Carved out)	ST	500.00	CARE A1+	1)CARE A1+ (30-Aug-23)	1)CARE A1+ (03-Oct-22)	1)CARE A1+ (04-Oct-21)	1)CARE A1+ (05-Oct-20)
2	Fund-based - LT-Cash credit	LT	1600.00	CARE AA; Negative	1)CARE AA; Negative (30-Aug-23)	1)CARE AA; Stable (20-Mar-23) 2)CARE AA; Stable (03-Oct-22)	1)CARE AA; Stable (04-Oct-21)	1)CARE AA; Stable (23-Dec-20) 2)CARE AA; Stable (05-Oct-20)
3	Term loan-Long term	LT	2.50	CARE AA; Negative	1)CARE AA; Negative (30-Aug-23)	1)CARE AA; Stable (20-Mar-23) 2)CARE AA; Stable (03-Oct-22)	1)CARE AA; Stable (04-Oct-21)	1)CARE AA; Stable (23-Dec-20) 2)CARE AA; Stable (05-Oct-20)
4	Non-fund-based - ST-BG/LC	ST	750.00	CARE A1+	1)CARE A1+ (30-Aug-23)	1)CARE A1+ (20-Mar-23) 2)CARE A1+ (03-Oct-22)	1)CARE A1+ (04-Oct-21)	1)CARE A1+ (23-Dec-20) 2)CARE A1+ (05-Oct-20)
5	Fund-based - LT-Term loan	LT	4093.15	CARE AA; Negative	1)CARE AA; Negative (30-Aug-23)	1)CARE AA; Stable (20-Mar-23)	1)CARE AA; Stable (04-Oct-21)	1)CARE AA; Stable (23-Dec-20)

Sr. No.	Name of the Instrument/Bank Facilities	Current Ratings			Rating History			
		Type	Amount Outstanding (₹ crore)	Rating	Date(s) and Rating(s) assigned in 2023-2024	Date(s) and Rating(s) assigned in 2022-2023	Date(s) and Rating(s) assigned in 2021-2022	Date(s) and Rating(s) assigned in 2020-2021
						2)CARE AA; Stable (03-Oct-22)		2)CARE AA; Stable (05-Oct-20)
6	Commercial paper-Commercial paper (Carved out)	ST	800.00	CARE A1+	1)CARE A1+ (30-Aug-23)	1)CARE A1+ (03-Oct-22)	1)CARE A1+ (04-Oct-21)	1)CARE A1+ (05-Oct-20)
7	Commercial paper-Commercial Paper (Standalone)	ST	300.00	CARE A1+	1)CARE A1+ (30-Aug-23)	1)CARE A1+ (03-Oct-22)	1)CARE A1+ (04-Oct-21)	1)CARE A1+ (05-Oct-20)
8	Debentures-Non convertible debentures	LT	40.00	CARE AA; Negative	1)CARE AA; Negative (30-Aug-23)	1)CARE AA; Stable (03-Oct-22)	1)CARE AA; Stable (04-Oct-21)	1)CARE AA; Stable (05-Oct-20) 2)CARE AA; Stable (19-May-20)
9	Debentures-Non convertible debentures	LT	-	-	1)Withdrawn (30-Aug-23)	1)CARE AA; Stable (03-Oct-22)	1)CARE AA; Stable (04-Oct-21)	1)CARE AA; Stable (05-Oct-20) 2)CARE AA; Stable (19-May-20)
10	Debentures-Non convertible debentures	LT	-	-	-	1)Withdrawn (03-Oct-22)	1)CARE AA; Stable (04-Oct-21)	1)CARE AA; Stable (05-Oct-20) 2)CARE AA; Stable (19-May-20)
11	Debentures-Non convertible debentures	LT	-	-	1)Withdrawn (30-Aug-23)	1)CARE AA; Stable (03-Oct-22)	1)CARE AA; Stable (04-Oct-21)	1)CARE AA; Stable (05-Oct-20) 2)CARE AA; Stable (19-May-20)

Sr. No.	Name of the Instrument/Bank Facilities	Current Ratings			Rating History			
		Type	Amount Outstanding (₹ crore)	Rating	Date(s) and Rating(s) assigned in 2023-2024	Date(s) and Rating(s) assigned in 2022-2023	Date(s) and Rating(s) assigned in 2021-2022	Date(s) and Rating(s) assigned in 2020-2021
12	Debentures-Non-convertible debentures	LT	-	-	-	1)Withdrawn (03-Oct-22)	1)CARE AA; Stable (04-Oct-21)	1)CARE AA; Stable (05-Oct-20) 2)CARE AA; Stable (19-May-20)
13	Debentures-Non-convertible debentures	LT	15.00	CARE AA; Negative	1)CARE AA; Negative (30-Aug-23)	1)CARE AA; Stable (03-Oct-22)	1)CARE AA; Stable (04-Oct-21)	1)CARE AA; Stable (05-Oct-20) 2)CARE AA; Stable (19-May-20)
14	Debentures-Non-convertible debentures	LT	-	-	1)Withdrawn (30-Aug-23)	1)CARE AA; Stable (03-Oct-22)	1)CARE AA; Stable (04-Oct-21)	1)CARE AA; Stable (05-Oct-20) 2)CARE AA; Stable (19-May-20)
15	Debentures-Non-convertible debentures	LT	-	-	1)Withdrawn (30-Aug-23)	1)CARE AA; Stable (03-Oct-22)	1)CARE AA; Stable (04-Oct-21)	1)CARE AA; Stable (05-Oct-20) 2)CARE AA; Stable (19-May-20)
16	Debentures-Non-convertible debentures	LT	200.00	CARE AA; Negative	1)CARE AA; Negative (30-Aug-23)	1)CARE AA; Stable (03-Oct-22)	1)CARE AA; Stable (04-Oct-21)	1)CARE AA; Stable (05-Oct-20)
17	Debentures-Non-convertible debentures	LT	30.00	CARE AA; Negative	1)CARE AA; Negative (30-Aug-23)	1)CARE AA; Stable (03-Oct-22)	1)CARE AA; Stable (04-Oct-21)	1)CARE AA; Stable (05-Oct-20)
18	Debentures-Non-convertible debentures	LT	125.00	CARE AA; Negative	1)CARE AA; Negative (30-Aug-23)	1)CARE AA; Stable (03-Oct-22)	1)CARE AA; Stable (04-Oct-21)	1)CARE AA; Stable (23-Dec-20)

Sr. No.	Name of the Instrument/Bank Facilities	Current Ratings			Rating History			
		Type	Amount Outstanding (₹ crore)	Rating	Date(s) and Rating(s) assigned in 2023-2024	Date(s) and Rating(s) assigned in 2022-2023	Date(s) and Rating(s) assigned in 2021-2022	Date(s) and Rating(s) assigned in 2020-2021
19	Debentures-Non-convertible debentures	LT	200.00	CARE AA; Negative	1)CARE AA; Negative (30-Aug-23)	1)CARE AA; Stable (03-Oct-22)	1)CARE AA; Stable (04-Oct-21)	1)CARE AA; Stable (23-Dec-20)
20	Debentures-Non-convertible debentures	LT	275.00	CARE AA; Negative	1)CARE AA; Negative (30-Aug-23)	1)CARE AA; Stable (03-Oct-22)	1)CARE AA; Stable (04-Oct-21)	1)CARE AA; Stable (23-Dec-20)
21	Debentures-Non-convertible debentures	LT	100.00	CARE AA; Negative	1)CARE AA; Negative (30-Aug-23)	1)CARE AA; Stable (03-Oct-22)	1)CARE AA; Stable (04-Oct-21)	-
22	Debentures-Non-convertible Debentures	LT	300.00	CARE AA; Negative	1)CARE AA; Negative (30-Aug-23)	1)CARE AA; Stable (03-Oct-22)	-	-
23	Debentures-Non-convertible debentures	LT	200.00	CARE AA; Negative	1)CARE AA; Negative (30-Aug-23)	1)CARE AA; Stable (11-Nov-22)	-	-
24	Debentures-Non-convertible debentures	LT	600.00	CARE AA; Negative	1)CARE AA; Negative (30-Aug-23)	-	-	-
25	Fund-based - LT-Term loan	LT	4134.55	CARE AA; Negative	1)CARE AA; Negative (30-Aug-23)	-	-	-

*Long term/Short term.

Annexure-3: Detailed explanation of covenants of the rated instruments/facilities: Not applicable

Annexure-4: Complexity level of the various instruments rated

Sr. No.	Name of the Instrument	Complexity Level
1	Commercial paper-Commercial paper (Carved out)	Simple
2	Commercial paper-Commercial paper (Standalone)	Simple
3	Debentures-Non-convertible Debentures	Complex
4	Debentures-Non-convertible debentures	Simple
5	Fund-based - LT-Cash credit	Simple
6	Fund-based - LT-Term loan	Simple
7	Non-fund-based - ST-BG/LC	Simple
8	Term loan-Long term	Simple

Annexure-5: Lender details

To view the lender-wise details of bank facilities please click here

Note on the complexity levels of the rated instruments: CARE Ratings has classified instruments rated by it on the basis of complexity. Investors/market intermediaries/regulators or others are welcome to write to care@careedge.in for any clarifications.

Annexure-6: List of subsidiaries, associates and joint ventures of CESC getting consolidated as on March 31, 2023

Sl. No.	Name of Subsidiaries & Associates	% ownership
1	Haldia Energy Limited	100.00
2	Dhariwal Infrastructure Limited	100.00
3	Malegaon Power Supply Ltd	100.00
4	CESC Projects Limited	100.00
5	Bantal Singapore Pte Limited	100.00
6	Pachi Hydropower Projects Limited	100.00
7	Papu Hydropower Projects Limited	100.00
8	Ranchi Power Distribution Company Limited	100.00
9	Kota Electricity Distribution Limited	100.00
10	Bikaner Electricity Supply Limited	100.00
11	Bharatpur Electricity Services Limiteds	100.00
12	CESC Green Power Limited	100.00
13	Jharkhand Electric Company Limited	100.00
14	Jarong Hydro-Electric Power Company Limited	100.00
15	Eminent Electricity Distribution Limited	100.00
16	Au Bon Pain Café India Limited	93.10
17	Crescent Power Limited	67.83
18	Mahuagarhi Coal Company Pvt Ltd	50.00
19	Noida Power Company Limited (NPCL) (Joint Venture)	72.73

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