December 18, 2025

Rihmaze Renewables Private Limited: Rating upgraded

Summary of rating action

Instrument*	Previous rated amount (Rs. crore)	Current rated amount (Rs. crore)	Rating action
Long-term – Fund-based – Term loans	15.48	15.48	[ICRA]BBB+(Stable); upgraded from [ICRA]BBB (Stable)
Total	**15.48**	**15.48**	

**Instrument details are provided in Annexure I*

Rationale

The rating upgrade for Rihmaze Renewables Private Limited (RRPL) considers the commencement of the plant in November 2025, which has mitigated the project execution risk. While it is at an early stage of operations, the greater predictability of future cash flows once stabilised supports the debt protection metrics. The debt coverage metrics are expected to be adequate, with the cumulative debt service coverage ratio (DSCR) projected at over 1.3x over the debt tenure, supported by the long-term PPAs, the long tenure of the debt and competitive interest rates.

The rating continues to factor in the strengths arising from the company's parentage, being part of the Cleantech Solar Group, its experienced management, an established track record in developing renewable power projects and a diversified solar and wind project portfolio of ~1,086 MWp tied up with large commercial and industrial customers. There are cross-default linkages among the various special purpose vehicles (SPVs) of the Group in India, held by Cleantech Solar India OA 2 Pte. Ltd. (CSIOA2) under the co-obligor structure of the project debt financing. Recently, Keppel Corporation acquired the balance ~49% stake from Shell Plc, thereby gaining full ownership of the platform.

The rating favourably factors in the long-term power purchase agreement (PPA) signed by Rihmaze with NSK Bearings India Private Limited (NSK Bearings) at a fixed tariff under the captive mode, thereby limiting the demand and pricing risks for its 5 MW solar power capacity. NSK Bearings, headquartered in Chennai, is a 100% subsidiary of NSK Ltd. NSK Bearings is involved in the manufacturing and sale of automotive bearings under the brand name NSK in India. The tariff offered under the PPA is highly competitive in relation to the grid tariff for this customer, and the PPA would enable the customer to meet its sustainability goals.

The company's revenues and cash flows continue to remain sensitive to variations in weather conditions and seasonality because of the single-part fixed tariff under the PPA. Additionally, the company remains exposed to asset concentration risk, as the entire capacity is located at a single site in Tamil Nadu. Hence, the ability of the project to achieve the design P-90 PLF on a sustained basis remains crucial from a credit perspective.

The rating also takes note of the risk of cash flow mismatch owing to the lower lock-in period under the PPA in relation to the debt tenure. Moreover, the termination payments under the PPA do not cover the entire debt outstanding. Nonetheless, comfort can be drawn from the competitive tariff offered by the SPV and the Group's track record in securing PPAs with large industrial and commercial customers. ICRA also takes note of the sensitivity of the debt coverage metrics to movements in interest rates, considering the leveraged capital structure and fixed tariffs under the PPA. Further, the company remains exposed to regulatory risks associated with forecasting and scheduling norms, regulations for captive projects and open access charges. While the open access charges are to be paid by the customers under the PPAs, any significant increase in these charges would impact the competitiveness of the tariffs.

The Stable outlook assigned to the long-term rating of the company factors in the steady cash flow visibility, supported by the long-term PPA with a strong counterparty, ensuring timely collections.

Key rating drivers and their description

Credit strengths

Reduction in project risk with commencement of plant - The 5 MW asset under RRPL was commissioned in November 2025. Although the operating performance of the asset is yet to be seen, the debt coverage metrics are expected to remain healthy with the cumulative debt-service coverage ratio (DSCR) of ~1.3 times. Also, the liquidity profile of the company is supported by a DSRA equivalent to two quarters, created upfront from the project cost.

Strengths by virtue of being part of Cleantech Solar Group – RRPL is part of the Cleantech Solar Group, which, in turn, is promoted by the Keppel Consortium. Recently, Keppel Corporation acquired the balance 49% stake from Shell Plc, thereby gaining full ownership of the platform. The platform benefits from a diversified portfolio of ~1,086 MW across seven countries in South Asia and the presence of strong shareholders, who are focused on growing their renewable energy portfolio.

Low offtake risk with presence of long-term PPA with an industrial customer at highly competitive tariff – The solar power capacity under RRPL has tied-up a long-term PPA with NSK Bearings under the captive mode at a fixed tariff, thereby limiting the demand and pricing risks. The PPA includes a provision for termination payments which cover for a certain portion of the debt under the SPVs. Further, comfort is drawn from the competitive tariff offered by the project to the customer against the grid tariff rates. Moreover, the PPA would enable the customer to meet its renewable purchase obligations.

Credit challenges

Vulnerability of cash flows to solar radiation – Given the single-part tariff under the PPA, after commissioning, the revenues and cash flows of the solar power project under RRPL would remain vulnerable to actual generation, which in turn is exposed to variability in solar radiation. This risk is amplified by the geographic concentration of the asset. Therefore, the ability of the project to achieve the design P-90 PLF, aftercommissioning, on a sustained basis remains crucial.

Exposed to interest rate risk – The interest rates on the term loans availed by the company for its project are floating and subject to regular reset. Given the fixed tariffs under the PPA and the leveraged capital structure, the debt coverage metrics for the company remain exposed to movements in interest rates.

Regulatory risks – The company's operations remain exposed to regulatory risks pertaining to the scheduling and forecasting requirements applicable to solar power projects. Also, the company remains exposed to any revisions in policies & regulations for captive projects as well as revisions in open access charges, which could impact the competitiveness of the tariff offered.

Liquidity position: Adequate

The liquidity position of RRPL is expected to be adequate, with sufficient buffer between cash flows from operations and debt repayment obligations. Moreover, the presence of a two-quarter DSRA and timely payments from the customer are expected to support the liquidity profile. The company had cash and liquid investments of Rs. 2.27 crore as on October 31, 2025, including a DSRA of Rs. 0.89 crore.

Rating sensitivities

Positive factors – ICRA could upgrade the rating if the company is able to demonstrate generation performance in line with or higher than the appraised estimates, along with timely payments from the customer, leading to healthy credit metrics. Also, the rating would remain sensitive to the credit profile of other SPVs of the pool and its parent, Cleantech Solar Asia 2 Pte. Ltd. (CSA-2).

Negative factors – Pressure on the rating could arise if the generation performance of the company remains below the appraised estimates on a sustained basis, adversely impacting the debt coverage metrics. Also, delays in payments from counterparties adversely impacting the liquidity profile of the company would be a negative trigger. Further, the rating would remain sensitive to deterioration in the credit profile of other SPVs of the pool and its parent, Cleantech Solar Asia 2 Pte. Ltd. (CSA-2). A specific credit metric for downgrade is the cumulative DSCR on the project debt falling below 1.15x.

Analytical approach

Analytical Approach	Comments
Applicable rating methodologies	[Corporate Credit Rating Methodology](#) [Power - Solar and Wind](#)
Parent/Group support	The rating factors in the presence of cross-default linkages among a pool of 11 SPVs of the Group - Strongsun Solar Private Limited, Sunflip Solar Private Limited, Sunpound Solar Private Limited, Sunseed Solar Private Limited, Ulric Renewables Private Limited, Sunlock Solar Private Limited, Zonrenew Solar Private Limited, Sunsole Solar Private Limited, Suncloud Solar Private Limited, Sunrange Solar Private Limited and Rihmaze Renewables Private Limited. The rating for the SPV is based on an assessment of the standalone credit profile of the RRPL. An assessment of the pool's credit profile is being carried out by undertaking a consolidated assessment of the pool of 11 SPVs in view of the linkages among them, and then further notching up the pool rating based on expectations of implicit support from the parent company, CSA-2. The final rating for the bank facilities of RRPL is arrived at by suitably notching up the standalone rating after duly considering the pool's rating and the linkages between the standalone entity and the pool.
Consolidation/Standalone	Standalone

About the company

Incorporated in October 2022, RRPL is a special purpose vehicle (SPV) promoted by Cleantech India OA 2 Pte. Ltd., Singapore (CSIOA2), which, in turn, is held by Cleantech Solar Asia 2 Pte Ltd (CSA 2). RRPL owns and operates one solar power project of 5 MW capacity in Tamil Nadu. The company has signed a 25-year long-term PPA with NSK Bearings India Private Limited. The project was commissioned in November 2025. As required under the group captive regulations, the customer has subscribed to the shareholding of the company.

Key financial indicators (audited):

RRPL Standalone	FY2024	FY2025
Operating income	0.0	0.00
PAT	-0.0	-0.1
OPBDIT/OI	-	-
PAT/OI	-	-
Total outside liabilities/Tangible net worth (times)	-1.4	0.1
Total debt/OPBDIT (times)	-1.1	0.0
Interest coverage (times)	-214.5	-1.3

Source: Company, ICRA Research; All ratios as per ICRA's calculations; Amount in Rs. crore; PAT: Profit after tax; OPBDIT: Operating profit before depreciation, interest, taxes and amortisation

Status of non-cooperation with previous CRA: Not applicable

Any other information: None

Rating history for past three years

	Current (FY2025)			Chronology of rating history for the past 3 years					
				FY2024		FY2023		FY2022	
Instrument	Type	Amount Rated (Rs. crore)	Dec 18, 2025	Date	Rating	Date	Rating	Date	Rating
Term Loans	Long-term	15.48	[ICRA]BBB+ (Stable)	Jan 23, 2025	[ICRA]BBB (Stable)	-	-	-	-

Complexity level of the rated instruments

Instrument	Complexity Indicator
Long-term fund-based – Term loans	Simple

The Complexity Indicator refers to the ease with which the returns associated with the rated instrument could be estimated. It does not indicate the risk related to the timely payments on the instrument, which is rather indicated by the instrument's credit rating. It also does not indicate the complexity associated with analysing an entity's financial, business, industry risks or complexity related to the structural, transactional or legal aspects. Details on the complexity levels of the instruments are available on ICRA's website: Click Here

Annexure I: Instrument details

ISIN	Instrument Name	Date of Issuance	Coupon Rate	Maturity	Amount Rated (Rs. crore)	Current Rating and Outlook
NA	**Term loans**	May 8, 2023	NA	FY2044	15.48	[ICRA]BBB+ (Stable)

Source: Company

Please click here to view details of lender-wise facilities rated by ICRA

Annexure II: List of entities considered for consolidated analysis – Not applicable

ANALYST CONTACTS

Girishkumar Kadam
+91 22 6114 3441
girishkumar@icraindia.com

Sumit Jhunjhunwala
+91 33 7150 1111
sumit.jhunjhunwala@icraindia.com

Soumya Satapathy
+91 33 6521 6809
soumya.satapathy@icraindia.com

Ankit Jain
+91 124 4545 865
ankit.jain@icraindia.com

Prerna Aggarwal
+91 124 4545 380
prerna.aggarwal1@icraindia.com

RELATIONSHIP CONTACT

L. Shivakumar
+91 22 6114 3406
shivakumar@icraindia.com

MEDIA AND PUBLIC RELATIONS CONTACT

Ms. Naznin Prodhani
Tel: +91 124 4545 860
communications@icraindia.com

HELPLINE FOR BUSINESS QUERIES

+91-9354738909 (open Monday to Friday, from 9:30 am to 6 pm)

info@icraindia.com

ABOUT ICRA LIMITED

ICRA Limited was set up in 1991 by leading financial/investment institutions, commercial banks and financial services companies as an independent and professional investment Information and Credit Rating Agency.

Today, ICRA and its subsidiaries together form the ICRA Group of Companies (Group ICRA). ICRA is a Public Limited Company, with its shares listed on the Bombay Stock Exchange and the National Stock Exchange. The international Credit Rating Agency Moody's Investors Service is ICRA's largest shareholder.

For more information, visit www.icra.in

ICRA Limited

Registered Office

B-710, Statesman House, 148 Barakhamba Road, New Delhi-110001
Tel: +91 11 23357940-45

Branches