

**November 11, 2025**

## **CSE Solar Sunpark Tamil Nadu Private Limited: Rating reaffirmed**

### **Summary of rating action**

<b>Instrument*</b>	<b>Previous rated amount (Rs. crore)</b>	<b>Current rated amount (Rs. crore)</b>	<b>Rating action</b>
<b>Long-term fund based – Term loan</b>	110.00	110.00	[ICRA]A- (Stable); reaffirmed
<b>Total</b>	<b>110.00</b>	<b>110.00</b>	

*\*Instrument details are provided in Annexure I*

### **Rationale**

The rating reaffirmation for CSE Solar Sunpark Tamil Nadu Private Limited (CSETNPL) continues to factor in the strengths arising from the company's parentage, being a part of the Cleantech Solar Group, an experienced management, established track record in developing renewable power projects and a diversified solar and wind project portfolio of ~1,083 MWp tied up with large commercial & industrial customers. The capacity under the holding company Cleantech India OA Pte Ltd (CIOA) stands at ~374 MW with the entire capacity being operational. Recently, Keppel Corporation has 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 agreements (PPAs) signed by CSETNPL with Exide Industries Limited (EIL) at fixed tariffs under the captive mode, thereby limiting the demand and pricing risks for its 38.5-MW solar power capacity. The tariffs offered under the PPAs are highly competitive in relation to the grid tariff for this customer and the PPAs would enable the customer to meet its sustainability goals. Further, the rating draws comfort from the strong credit profile of EIL (rated; [ICRA]AAA (Stable)/[ICRA]A1+), which is expected to lead to timely realisation of payments for the company. Going forward, the debt metrics are expected to remain adequate, supported by the PPAs at fixed tariff rates and the long tenure of the project debt. Also, comfort is drawn from the presence of a debt service reserve account (DSRA) equivalent to two quarters of debt servicing.

However, the rating is constrained by the vulnerability of the cash flows and debt coverage metrics of the solar power project to the generation performance, given the single part tariffs under the PPAs. Any adverse variation in weather conditions or equipment performance or inability to ensure adequate O&M practices for the solar assets would impact generation and consequently the cash flows. While the performance of the 38.5-MW project has remained satisfactory so far with PLF above the P-90 estimate, achieving a generation performance in line or above the appraised estimate on a sustained basis remains a key monitorable.

The rating also takes note of the risk of cash flow mismatch owing to the lower lock-in period under the PPAs in relation to the debt tenure. Moreover, the termination payments under the PPAs do not cover for 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 the movement in interest rates, considering the leveraged capital structure and fixed tariffs under the PPAs. Nonetheless, this is partly mitigated by the fixed interest rate on the debt availed for the 31.5-MW solar asset for a period of five years. Further, the company remains exposed to regulatory risks associated with forecasting & 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 CSETNPL factors in the steady cash flow visibility, aided by the long-term PPAs and timely cash collections expected from the customer.

## Key rating drivers and their description

### Credit strengths

**Strengths by virtue of being part of Cleantech Solar Group** – CSETNPL is part of the Cleantech Solar Group, which in turn is promoted by the Keppel consortium. Recently, Keppel Corporation has acquired the balance 49% stake from Shell Plc, thereby gaining full ownership of the platform. The platform benefits from a diversified portfolio of ~1,083 MWp across seven countries in South Asia and the presence of strong shareholders, who are focused on growing their renewable energy portfolio. CSETNPL is expected to receive support from the Group in case of any exigency, given the cross-default linkages with the parent, Cleantech India OA Pte Ltd (CIOA).

**Low offtake risk due to long-term PPAs with an industrial customer at highly competitive tariff** - The solar projects under CSETNPL have tied-up long-term PPAs with EIL under the captive mode at fixed tariffs, thereby limiting the demand and pricing risks. The PPAs include a provision for termination payments which cover for a certain portion of the debt under the SPVs. Further, comfort is drawn from the competitive tariffs offered by the projects to the customer against the grid tariff rates. Moreover, the PPAs would enable the customer to meet their renewable purchase obligations.

**Timely payments by the customer** – CSETNPL has tied up PPAs with EIL (rated [ICRA]AAA (Stable)/[ICRA]A1+). The comfortable credit profile of the customer is expected to result in timely payments, as demonstrated so far.

**Adequate debt coverage metrics and comfortable liquidity profile** – The debt coverage metrics for CSETNPL are expected to be adequate, supported by PPAs at an attractive rate, satisfactory generation performance and long tenure of the debt. Also, the liquidity profile of the company is supported by DSRA equivalent to two quarters.

### Credit challenges

**Vulnerability of cash flows to solar radiation** – Given the single-part tariff under the PPAs, the revenues and cash flows of the solar power projects under CSETNPL remain vulnerable to the actual generation, which in turn is exposed to the variability in solar radiation. This risk is amplified by the geographic concentration of the assets, with both projects located in Tamil Nadu. While comfort is drawn from the performance so far, a generation performance in line or higher than the appraised estimate on a sustained basis remains a key monitorable.

**Risk of cash flow mismatch owing to lower lock-in period under the PPAs in relation to debt tenure** – The PPA signed by CSETNPL has a lock-in period of 10 years against a debt repayment tenure of ~15 years. The inability of the company to continue the PPA beyond the lock-in period or tie up PPAs with new customers could lead to a risk of cash flow mismatch for debt servicing. Also, the termination payments under the PPA do not cover for the entire debt outstanding. Nonetheless, comfort can be drawn from the significant discount offered by the company to its customers against the grid tariff and the track record of the sponsor in securing PPAs with large industrial and commercial customers.

**Exposed to interest rate risk** – Given the fixed tariffs under the PPAs and the leveraged capital structure, the debt coverage metrics remain exposed to the movement in interest rates. However, this risk is relatively low for the 31.5-MW asset, considering that the interest rate is fixed for a period of five years on the loan availed for this asset.

**Regulatory risks** - The company's operations remain exposed to regulatory risks pertaining to scheduling and forecasting requirements applicable for solar power projects. However, the risk of variation is relatively low for solar power projects compared to wind power projects. Also, the project is exposed to any adverse revision in regulations for captive projects as well as revision in open access charges, which could impact the competitiveness of the tariff offered.

## Liquidity position: Adequate

The liquidity position of CSETNPL is expected to be adequate, with sufficient buffer between cash flows from operations and debt repayment obligation. Moreover, the presence of a two-quarter DSRA and timely payments from the customer is expected to support the liquidity profile. The company had cash and liquid investments of Rs. 18.40 crore as on July 31, 2025, including DSRA of Rs. 8.72 crore.

## Rating sensitivities

**Positive factors** – ICRA could upgrade the rating if the company is able to demonstrate a generation performance in line or higher than the historical average along with timely payments from the customer, leading to healthy credit metrics. Also, the rating would remain sensitive to the credit profile of its parent, CIOA.

**Negative factors** – Pressure on the rating could arise if the generation performance of CSETNPL remains below the appraised estimate on a sustained basis, adversely impacting the debt coverage metrics. Also, delay in payments from the counterparty adversely impacting the liquidity profile of the company is a negative trigger. Further, the rating would remain sensitive to the credit profile of its parent, CIOA. A specific credit metric for downgrade is the cumulative DSCR on the project debt falling below 1.15 times.

## Analytical approach

Analytical approach	Comments
Applicable rating methodologies	<a href="#">Corporate Credit Rating Methodology Power - Solar and Wind</a>
Parent/Group support	The rating assigned to CSETNPL factors in the implicit support from holding company, CIOA, with support expected to be forthcoming in case of any cash flow mismatch, given the cross-default linkages with CIOA and other SPVs of the Group
Consolidation/Standalone	Standalone

## About the company

CSE Solar Sunpark Tamil Nadu Private Limited (CSETNPL) is a subsidiary of CIOA, Singapore, wherein CIOA holds a 72.81% stake and the remaining 27.19% is held by the sole offtaker, EIL. CIOA is a 100% subsidiary of Cleantech Solar Asia Pte. Ltd. (CSA), which in turn is 100% owned by the Keppel consortium. CSA has a solar power portfolio of ~1,083 MWp across India, Thailand, Malaysia, Cambodia, Indonesia, Vietnam and Singapore.

CSETNPL owns and operates a 38.5-MW (DC capacity) solar power capacity in the Tirunelveli district of Tamil Nadu. The 31.5 MW project was fully commissioned on July 1, 2020, while the 7.0-MW project was commissioned on October 5, 2022. The company has signed 25-year long-term PPAs with EIL. As required under the group captive regulations, the customer has subscribed to the shareholding of the company.

### Key financial indicators (audited)

Standalone	15M FY2024*	FY2025
Operating income	26.9	20.5
PAT	1.5	0.7
OPBDIT/OI	85.3%	85.5%
PAT/OI	5.5%	3.3%
Total outside liabilities/Tangible net worth (times)	1.8	1.7
Total debt/OPBDIT (times)	5.6	5.7
Interest coverage (times)	1.7	1.7

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

\*The company shifted its financial reporting from calendar year to financial year in FY2024. As a result, the company reported 15M financials for FY2024.

### Status of non-cooperation with previous CRA: Not applicable

Any other information: None

### Rating history for past three years

Current (FY2026)					Chronology of rating history for the past 3 years							
					FY2026		FY2025		FY2024		FY2023	
Instrument	Type	Amount rated (Rs. crore)	Date	Rating	Date	Rating	Date	Rating	Date	Rating		
Term loan	Long-Term	110.00	Nov 11, 2025	[ICRA]A-(Stable)	Nov 11, 2024	[ICRA]A-(Stable)	Oct 20, 2023	[ICRA]A-(Stable)	Oct 21, 2022	[ICRA]A-(Stable)		

### Complexity level of the rated instruments

Instrument	Complexity indicator
Long-term fund based – Term loan	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	August 2021	NA	FY2036	87.00	[ICRA]A-(Stable)
NA	Term loans	November 2021	NA	FY2038	23.00	[ICRA]A-(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**

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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.

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