



Press Release
SHERISHA ROOFTOP SOLAR SPV FOUR PRIVATE LIMITED
September 30, 2025
Rating Reaffirmed

Product	Quantum (Rs. Cr)	Long Term Rating	Short Term Rating
Bank Loan Ratings	185.57	ACUITE BBB- Stable Reaffirmed	-
Total Outstanding Quantum (Rs. Cr)	185.57	-	-
Total Withdrawn Quantum (Rs. Cr)	0.00	-	-

Rating Rationale

Acuite has reaffirmed its long-term rating of '**ACUITE BBB-**' (read as **ACUITE triple B minuso**)n the Rs. 185.57 Cr. bank facilities of Sherisha Rooftop Solar SPV Four Private Limited (SRSSFPL). The outlook is '**Stable**'.

Rationale for reaffirmation of rating:

The reaffirmation of the rating considers expected improvement in average Plant Load Factor (PLF) from Q2FY2026 onwards due to acceleration in generation of units on the back of additional DC capacity and improvements in existing transmission frequency lines which were hindering the efficiencies in power generation. The rating also draws comfort from the long-term power purchasing agreement (PPA) with South East Central Railway (SECR) along with strong track record of timely receivables and presence of escrow mechanism. However, rating is constrained by inherent risks associated with solar projects and high customer concentration in the revenue profile.

About the Company

Sherisha Rooftop Solar SPV Four Private Limited (SRSSFPL), based in Tamil Nadu, was incorporated in October 2019 as a special purpose vehicle (SPV) of Refex Renewables and Infrastructure Limited (Erstwhile SunEdison Infrastructure Limited), which is part of the Refex Group. SRSSFPL has entered into a Power Purchase Agreement (PPA) with South East Central Railway (SECR), a division of Indian Railways, for the development of a 50 MW (AC) solar power project using photovoltaic technology, located in Bhilai, Chhattisgarh. The company is professionally managed and promoted by Sherisha Solar LLP. The Board of Directors comprises Mr. Kalpesh Kumar and Ms. Uthayakumar Lalitha.

Unsupported Rating

Not applicable

Analytical Approach

Acuite has considered the standalone business and financial risk profiles of the SRSSFPL to arrive at this rating.

Key Rating Drivers

Strengths

Experienced management and assured off-take through long-term power purchase agreement:

The Refex group is involved in the business of refrigerant gases, renewable energy utility-grade EPC projects, O&M of solar power plants, solar IPP businesses, ash disposal management, power trading, and coal trading. Refex group has commissioned 1 GW of projects under differing conditions in Tamil Nadu, Maharashtra, Gujarat, Uttar

Pradesh, Andhra Pradesh, and Rajasthan. SRSSFPL has entered a 25-year PPA with South East Central Railways (SECR) at a fixed tariff of Rs. 2.91 per unit (kWh) of power supplied. This substantially mitigates the demand and

price risk associated with the project. The PPA was signed in December, 2019, and the plant commenced its operations in April, 2023. Reflex Renewables and Infrastructure Limited (Erstwhile SunEdison Infrastructure Limited), part of the Reflex Group, will manage the O&M activity and EPC part of the solar plant, which will ensure efficient operational metrics of the company. Acuité believes that strong management, a long-term PPA, and strong counterparty receivable risk keeps the business risk profile moderate and stable over the medium term.

Strong counter-party profile

SRSSFPL has entered into a 25-year with South East Central Railways (SECR), a division of Indian Railways, at a fixed tariff of Rs. 2.91 per unit. SECR is key division of Indian Railways, which plays a crucial in the transportation of minerals and coal to different power plants and industrial units all over the country. The main commodities being transported are coal, iron and steel, iron ore, cement, and fertilisers. Railway Energy Management Company Limited (REMCL), on behalf of Railways, has invited proposals in a single stage bidding process for the execution of a 50 MW (AC) solar power plant for a period of 25 years. Acuité believes that the presence of a strong counterparty profile mitigates receivable risk and keeps the business risk profile moderate and stable over the medium term.

Presence of Escrow mechanism

The bank facilities availed by SRSSFPL are backed by a Debt Service Reserve Account (DSRA) in the form of a fixed deposit, equivalent to 1 quarters' interest and principal for servicing the debt obligation. The company has currently created a partial DSRA of Rs.3.75Cr, with remaining balance expected to be built over the next 6 -9 months. In addition, the bank facilities are supported by a Trust and Retention account (TRA) through which all receipts from SECR shall be escrowed with priority for debt debt repayment. Besides, there is presence of a corporate guarantee from sponsor - Sherisha Technology Private Limited up to 3 years from COD of the project or 1 Quarter DSRA creation and project stabilization, whichever is later. Acuité believes that the lender derives comfort from the escrow mechanism in place, which facilitates timely repayment of the debt obligations over the medium term.

Moderation in PLF performance, expected to improve in coming quarters:

Power generation improved in FY2025 with total units generated at 8.93 core units and an average PLF of 21.25 percent, compared to 7.60 crore units and an average PLF of 17.60 percent in FY2024, reflecting improved operational performance. The average PLF during FY2025 remained below the P90 average of ~23 percent, due to a change in transmission frequency lines as per guidelines, which resulted in higher consumption by the reactor. During the current fiscal up to July 2025, the company has generated 2.87crore units with an average PLF of 21.01 percent. Generation levels are expected to improve in the near term due to recent addition in DC capacity and improvements in existing transmission frequency lines which were hindering the efficiencies in power generation.

Weaknesses

High customer concentration and geographical concentration in revenue profile

SRSSFPL has entered into the PPA agreement for sale of power generated from the 50 MW (AC) solar plant located in Chhattisgarh with South East Central Railway (SECR) along with assured offtake of power generated from 50MW (AC) plant at agreed CUF percent. However, it can be observed that the contribution from a single customer (i.e. SECR) is 100.00 per cent in any given financial year, thereby, leading to significant customer and geographical concentration risk. Above risk is mitigated to an extent on account of strong credit profile of the counterparty.

Revenue profile susceptible to climatic risk and government regulation

The performance of the solar plant is highly dependent on favorable climatic conditions including the solar radiation levels which have direct impact on the plant load factor (PLF). Acuité believes that the company's business profile and financial profile can be adversely impacted on account of presence of inherent climate risk and also regulatory risk in any instances of tariff revision.

Assessment of Adequacy of Credit Enhancement under various scenarios including stress scenarios (applicable for ratings factoring specified support considerations with or without the "CE" suffix)

The presence of escrow mechanism is considered adequate as it ensures prioritization of the debt servicing from the project cash flows.

Stress scenario:

In stress scenarios, DSRA reserve, Escrow mechanism and corporate guarantee by parent company will be sufficient to meet the debt obligations.

Rating Sensitivities

- Timely receipt of payments from SECR.
- Higher-than expected power generation leading to improvement in financial risk profile and liquidity.
- Lower-than expected power generation leading to insufficient cash flows and deterioration of liquidity position.

Liquidity position: Adequate

SRSSFPL registered net cash flows of Rs.25.43Cr during FY2025, which were sufficient to meet the debt repayment obligations of Rs.24.92Cr FY2024. The company is expected to generate the net cash flows in the range of Rs.24-25-Cr over the medium term, which would be sufficient to repay the interest, and principal obligations range of Rs.21-22Cr for the same period. The average debt service coverage ratio (DSCR) is expected at ~1.16 times during the tenure of the loan. Additionally, presence of DSRA reserve of Rs.3.75Cr further supports the liquidity position.

Outlook: Stable

Other Factors affecting Rating

None

Key Financials

Particulars	Unit	FY 25 (Actual)	FY 24 (Actual)
Operating Income	Rs. Cr.	28.48	23.75
PAT	Rs. Cr.	(16.23)	(24.39)
PAT Margin	(%)	(57.00)	(102.69)
Total Debt/Tangible Net Worth	Times	(18.49)	162.42
PBDIT/Interest	Times	1.32	1.26

Status of non-cooperation with previous CRA (if applicable)

Not applicable

Any other information

None

Applicable Criteria

- Default Recognition :- <https://www.acuite.in/view-rating-criteria-52.htm>
- Infrastructure Sector: <https://www.acuite.in/view-rating-criteria-51.htm>
- Application Of Financial Ratios And Adjustments: <https://www.acuite.in/view-rating-criteria-53.htm>

Note on complexity levels of the rated instrument

In order to inform the investors about complexity of instruments, Acuité has categorized such instruments in three levels: Simple, Complex and Highly Complex. Acuité's categorisation of the instruments across the three categories is based on factors like variability of the returns to the investors, uncertainty in cash flow patterns, number of counterparties and general understanding of the instrument by the market. It has to be understood that complexity is different from credit risk and even an instrument categorized as 'Simple' can carry high levels of risk. For more details, please refer Rating Criteria "Complexity Level Of Financial Instruments" on www.acuite.in.

Rating History

Date	Name of Instruments/Facilities	Term	Amount (Rs. Cr)	Rating/Outlook	
09 Aug 2024	Term Loan	Long Term	15.00	ACUITE BBB-	Stable (Reaffirmed)
	Term Loan	Long Term	135.57	ACUITE BBB-	Stable (Reaffirmed)
	Term Loan	Long Term	34.03	ACUITE BBB-	Stable (Assigned)
	Proposed Long Term Bank Facility	Long Term	0.97	ACUITE BBB-	Stable (Assigned)
02 Jun 2023	Term Loan	Long Term	15.00	ACUITE BBB-	Stable (Reaffirmed)
	Term Loan	Long Term	135.57	ACUITE BBB-	Stable (Reaffirmed)
04 Mar 2022	Term Loan	Long Term	135.57	ACUITE BBB-	Stable (Assigned)
	Term Loan	Long Term	15.00	ACUITE BBB-	Stable (Reaffirmed)
22 Feb 2022	Term Loan	Long Term	15.00	ACUITE BBB-	Stable (Assigned)

Annexure - Details of instruments rated

Lender's Name	ISIN	Facilities	Date Of Issuance	Coupon Rate	Maturity Date	Quantum (Rs. Cr.)	Complexity Level	Rating
Not Applicable	Not avl. / Not appl.	Proposed Long Term Bank Facility	Not avl. / Not appl.	Not avl. / Not appl.	Not avl. / Not appl.	0.97	Simple	ACUITE BBB- Stable Reaffirmed
Power Finance Corporation Ltd.	Not avl. / Not appl.	Term Loan	01 Mar 2023	Not avl. / Not appl.	01 Apr 2043	15.00	Simple	ACUITE BBB- Stable Reaffirmed
Power Finance Corporation Ltd.	Not avl. / Not appl.	Term Loan	01 Mar 2023	Not avl. / Not appl.	01 Apr 2043	169.60	Simple	ACUITE BBB- Stable Reaffirmed

Contacts

Mohit Jain Chief Analytical Officer-Rating Operations	Contact details exclusively for investors and lenders
Katta Akhil Senior Analyst-Rating Operations	Mob: +91 8591310146 Email ID: analyticalsupport@acuite.in

About Acuité Ratings & Research

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