



Blended Finance and Project Debt for India RE in 2026: Structures, Lenders, Pricing

By Sudarshan Karweer · 25 August 2026 · growthifye.com

A 2026 guide to blended finance, project debt, SLLs, refinancing and lender strategy for Indian renewable energy projects.

India's renewable-energy market in 2026 is no longer constrained only by module pricing or land access. For many projects, the real differentiator is bankable capital structure. Utility-scale solar, wind-solar hybrid, C&I open-access portfolios, battery-linked projects and round-the-clock renewable supply all need financing that matches cash-flow risk, policy risk and offtaker quality. In this environment, blended finance, structured project debt, sustainability-linked loans, refinancing and disciplined term-sheet negotiation have become core execution tools rather than optional extras.

For Indian developers, C&I consumers, lenders, utilities and policymakers, the financing question is now specific: which pool of capital fits which renewable-energy asset, at what cost, with what covenants, and under which policy framework? This article looks at that question from a 2026 practitioner lens, with a focus on debt syndication and capital structuring in India.

Why financing strategy matters more in 2026

The Indian renewable sector has entered a more mature but more segmented phase. Plain-vanilla solar projects with strong SECI or state utility PPAs continue to attract competitive debt, but the market has widened to include:

- C&I solar and hybrid portfolios under open access
- Battery energy storage systems with standalone or co-located structures
- Wind repowering and hybridisation
- FDRE and RTC-style renewable supply
- Captive and group-captive platforms with multi-buyer offtake risk
- Municipal, agriculture feeder and distributed RE programmes

Each of these requires different underwriting assumptions. A lender evaluating a 250 MW SECI-backed solar plant will focus on module degradation, CUF, evacuation readiness and PPA enforceability. A lender evaluating a 60 MW open-access hybrid portfolio across two states will additionally scrutinise CSS, AS, wheeling losses, banking rules, buyer concentration, group-captive compliance and payment security.

That is why financing can no longer be treated as a post-bid exercise. In 2026, winning projects are often those where financing strategy is built in at the bid stage: debt sizing based on realistic DSCR, contingency for transmission delay, state-specific operating assumptions, and a refinancing pathway after stabilisation.

What blended finance means in the Indian RE context

Blended finance in India's renewable market is often misunderstood as concessional capital replacing commercial debt. In practice, the most effective structures use catalytic capital to improve bankability, crowd in domestic lenders and reduce weighted average cost of capital for projects that commercial banks may otherwise price conservatively.

Typical blended-finance use cases in 2026 include:



- Storage-linked renewable projects where revenue stacks are still evolving
- Emerging state markets with good demand but perceived policy risk
- Distributed and mid-ticket portfolios that are too small for efficient standalone underwriting
- Municipal and public-infrastructure decarbonisation assets
- New technology or first-loss sensitive structures such as long-duration storage pilots, agrivoltaics or floating solar in specific contexts

The capital stack can include:

- Senior rupee term debt from commercial banks, NBFCs or sector-focused institutions
- Debt from IREDA, PFC or REC where asset fit and eligibility are strong
- Subordinated debt or mezzanine-style capital for construction or aggregation phases
- First-loss, guarantee-backed or risk-sharing support from climate-focused facilities or development finance channels
- Sponsor equity and, where appropriate, strategic or financial co-investment

The practical value of blended finance is not only cheaper money. It is better risk allocation. For example, if a storage-linked project has merchant exposure on part of its revenue, a partial risk-sharing layer can improve senior debt appetite and extend tenor. If a distributed portfolio suffers from fragmented offtake, a portfolio-level reserve structure or guarantee support can help reach bankability at scale.

For developers, this matters because a 75 to 125 basis-point reduction in effective financing cost can materially improve levelised tariff competitiveness, especially in open-access and hybrid projects where transmission and balancing costs are already under pressure.

Debt sources in 2026: where projects are actually getting funded

India's renewable project debt ecosystem in 2026 remains a mix of public-sector lenders, infrastructure-focused NBFCs, private banks and selected foreign lenders through permitted structures. The right lender pool depends on project size, PPA quality, sponsor strength, state exposure and technology profile.

The core institutions in many transactions remain IREDA, PFC and REC, especially where project scale, sector alignment and tenor requirements suit their mandate. These institutions are particularly relevant for:

- Utility-scale solar, wind and hybrid projects
- Transmission-linked renewable infrastructure
- Storage and emerging technology assets with a clear policy fit
- Refinancing of operating assets with proven generation history

Commercial banks continue to lend actively, though their pricing and covenant approach differs sharply by risk bucket. Projects backed by central agencies or top-tier state counterparties can still see relatively competitive debt pricing, while state-heavy C&I portfolios may face tighter DSCR requirements, stricter reserve conditions and more conservative debt sizing.

Indicative 2026 debt observations from the market, subject of course to borrower profile and transaction specifics:

- Strong operating utility-scale RE assets: debt pricing often in the high single digits to low double digits in rupee terms



- New-build utility-scale assets with robust counterparties: low double digits in many cases
- C&I open-access portfolios: usually above pure utility-scale debt due to offtaker and regulatory complexity
- Storage and hybrid structures: premium to plain solar unless revenue certainty is well contracted

Tenors are typically aligned to PPA duration and cash-flow visibility. For operating assets with stable performance, lenders remain open to refinancing structures that smooth amortisation and release sponsor liquidity. In a market where equity recycling is critical, refinancing has become one of the most important financing tools available to developers.

How lenders underwrite renewable projects now

The days of generic solar underwriting are over. Lenders in 2026 are highly granular in their diligence, and term sheets reflect that. In Growthifye's kind of advisory environment, the bankability process starts by understanding exactly what a lender will challenge.

Key underwriting lenses include:

- Offtaker quality and payment cycle
- State policy exposure, including open-access charges and banking provisions
- Curtailment and grid availability history
- Land title, lease enforceability and right-of-way status
- EPC capability, liquidated damages and completion support
- Resource risk, including CUF and P90/P95 generation scenarios
- O&M assumptions and inverter or turbine replacement reserve logic
- Change-in-law treatment under PPA and related contracts
- ESG and compliance readiness, including environmental and social due diligence where required

For utility-scale solar, lenders often look for minimum DSCR discipline that can support downside scenarios rather than only base-case projections. In many transactions, debt sizing is more constrained by downside DSCR than by headline leverage appetite.

For C&I projects, underwriting has become notably sharper. Lenders examine:

- Buyer concentration by revenue share
- Minimum credit thresholds for anchor offtakers
- Contract tenor versus debt tenor
- Security package under power supply agreements
- Replacement rights if a buyer exits
- Captive compliance where group-captive structure is used
- State-specific OA economics over the full debt life

For hybrid and storage-linked assets, lenders increasingly require a clear mapping of contracted and uncontracted revenue. If a BESS project depends on ancillary services, peak arbitrage or future market reforms, debt providers may haircut those revenues materially unless supported by strong evidence and conservative sensitivities.

Sustainability-linked loans: where they fit and where they do not



Sustainability-linked loans, or SLLs, are relevant in 2026 for sponsors, platform companies and some operating portfolios, but they are not a universal solution for every renewable transaction. Their strongest use case is where the borrower can credibly commit to measurable KPIs beyond merely owning a renewable asset.

Possible SLL KPI frameworks in the Indian RE ecosystem include:

- Portfolio emissions reduction intensity
- Share of renewable electricity supplied to C&I clients
- Reduction in technical losses or curtailment within a managed portfolio
- Water-use intensity for applicable operating assets
- Health and safety metrics at portfolio level
- Diversity or supply-chain localisation metrics where measurable and auditable

In practice, SLLs are often more suitable at holdco or platform level than at a single-project SPV level, especially where the borrower has multiple assets and a broader sustainability performance story. Pricing step-ups or step-downs are usually modest in basis-point terms, but the strategic benefit lies in widening the lender pool and improving capital-market credibility for future raises.

That said, SLLs should not be forced into transactions where KPI measurement is weak or where the financing need is straightforward project debt. Indian lenders and sophisticated borrowers are increasingly aware that credibility matters. Poorly designed KPI frameworks can create documentation burden without meaningful economic value.

Refinancing, term sheets and equity raises: the hidden value drivers

Many renewable developers focus intensely on winning projects and achieving financial close, but significant value is often won or lost in refinancing design, term-sheet negotiation and the timing of equity mobilisation.

Refinancing in 2026 is especially relevant for:

- Operating solar and wind portfolios with at least 6 to 12 months of stable generation data
- Assets initially financed at construction-stage pricing
- Platforms seeking to recycle equity into new bids or acquisitions
- Projects that have de-risked transmission, evacuation or offtaker payment concerns after COD

A well-executed refinance can:

- Reduce all-in cost of debt
- Extend tenor and improve annual debt-service coverage
- Release trapped cash through rationalised reserve structures
- Support sponsor-level growth without immediate dilution
- Consolidate multiple facilities into a cleaner portfolio-level arrangement

Term-sheet negotiation is equally important. Developers often focus on interest rate but underweight other value-critical clauses such as:

- Distribution lock-up triggers
- DSRA size and permitted form
- Cash-sweep mechanics



- Cost overrun support obligations
- Conditions precedent tied to permits and land
- Change-in-law treatment
- Cure rights for covenant breaches
- Flexibility for future refinancing or asset sale

On large portfolios, these terms can have a value impact comparable to headline pricing differences.

Equity raises also remain central in 2026, especially for developers scaling hybrid, storage or C&I portfolios. Equity investors are demanding greater discipline on portfolio construction, state concentration and offtaker quality. Pure capacity growth without margin visibility is less attractive than before. Sponsors that present a credible capital plan, clear COD pipeline, robust debt tie-ups and realistic open-access assumptions are finding better reception from strategic investors and infrastructure capital.

Policy and market signals shaping finance decisions in 2026

Several policy and market developments continue to influence capital availability and lender comfort in India.

First, the long-term direction remains supportive: national decarbonisation priorities, transmission build-out, storage procurement, and the continued role of agencies such as SECI create a broad positive backdrop. Second, state-level divergence still matters enormously. Two projects with identical capex can receive very different lender treatment if one is in a stable open-access state and the other is in a state with frequent charge revisions or weaker payment culture.

Third, tariffs remain highly competitive, which makes financing precision critical. In utility-scale bids, a small debt-pricing advantage or better tenor can meaningfully improve tariff viability. In C&I supply, landed tariffs must compete with industrial grid power that can easily sit in the range of roughly Rs 7 to Rs 10 per kWh or more for many consumers depending on state, voltage level and demand pattern. Open-access renewable supply remains attractive in many markets, but only when wheeling, transmission, banking and scheduling assumptions are modelled conservatively.

Fourth, storage is moving from policy conversation to financable reality, but lenders still want clarity on revenue certainty. Projects with firm contracted capacity payments or clear utility procurement backing will continue to command better debt terms than those relying heavily on speculative merchant upside.

For policymakers, the financing takeaway is straightforward: stable state-level regulations, payment discipline, enforceable contracts and predictable open-access frameworks lower the cost of capital. That in turn lowers delivered renewable tariffs for consumers. Capital cost is not separate from energy affordability; it is one of its main drivers.

What developers and C&I consumers should do now

In 2026, the best financing outcomes are going to sponsors and buyers who prepare early, model honestly and negotiate from data rather than optimism.

A practical checklist includes:

- Build financing assumptions before bid submission or PPA execution
- Match debt tenor to realistic contract and regulatory visibility
- Segment projects by risk bucket rather than financing all assets through one template
- Use blended-finance tools only where they genuinely solve a bankability gap



- Prepare lender-grade information packs with resource, evacuation, policy and offtaker analysis
- Negotiate term sheets on covenants and flexibility, not only on coupon
- Identify refinance windows at the time of initial debt closure
- Align equity strategy with portfolio quality, not just megawatt ambition

For C&I consumers procuring renewable power, understanding the supplier's financing strength is also important. A low offered tariff is not enough if the developer's capital structure is fragile, reserve coverage is weak, or state-level assumptions are aggressive. Bankable financing supports long-term supply reliability.

India's renewable-energy expansion in the next few years will depend not only on capacity addition targets but on the sophistication of capital structuring. Blended finance, disciplined project debt, selective use of SLLs, strong term-sheet execution, refinancing strategy and well-timed equity raises are now central to project success.

If you are evaluating project finance, blended capital, lender outreach, refinancing options or debt syndication for renewable-energy assets in India, contact Growthifye's advisory desk for transaction-focused support.

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