

POWERGRID Infrastructure Investment Trust

September 08, 2025

Facilities/Instruments	Amount (₹ crore)	Rating ¹	Rating Action
Long-term bank facilities	-	-	Reaffirmed at CARE AAA; Stable and Withdrawn
Issuer rating	0.00	CARE AAA; Stable	Reaffirmed

Details of instruments/facilities in Annexure-1.

Rationale and key rating drivers

CARE Ratings Limited (CareEdge Ratings) has reaffirmed ratings assigned to bank facilities of POWERGRID Infrastructure Investment Trust (PGInvIT/Trust) at 'CARE AAA; Stable' and simultaneously withdrawn the same with immediate effect. This action has been taken at the request of PGInvIT and 'No Objection Certificate' received from the lender that have extended the facilities rated by CareEdge Ratings.

Reaffirmation of the issuer rating assigned to PGInvIT factors in strength from well-established sponsor and project manager of the Trust (Power Grid Corporation of India Limited [PGCIL, rated 'CARE AAA; Stable/CARE A1+']), which has a rich experience in the power transmission business.

The rating continues to draw comfort from portfolio assets of PGInvIT, comprising five operational power transmission special purpose vehicles (SPVs), having presence in different Indian geographies with strong operating parameters. These assets have a track record of over six years with healthy line availability of over normative parameters with low revenue risk and long-term cash flow visibility with remaining life of ~27 years under transmission service agreements (TSAs). Considering operations of assets in the power transmission business, the rating takes note of relatively low industry risk. Diversification of counterparties for these power transmission assets and robust collection mechanism under sharing regulations operated by the Central Transmission Utility of India Limited (CTUIL) are other credit positives. The rating also favourably factors low debt levels of PGInvIT against the value of asset owned. The debt (as on June 30, 2025) /enterprise value (EV) (as per valuation report dated March 31, 2025), remained low at ~12%. The rating takes comfort of an elongated loan repayment structure, leading to comfortable projected debt service coverage ratio (DSCR), presence of waterfall mechanism and presence of one quarter of debt service reserve account (DSRA).

However, the rating is sensitive to operations and maintenance (O&M) risk for five portfolio assets and exposure to interest rate variations.

Rating sensitivities: Factors likely to lead to rating actions

Positive factors: Not applicable

Negative factors

- External debt exposure exceeding 70% of the Trust's asset valuation.
- Lower-than-envisaged availability in SPVs under the Trust or significantly increasing operational expenses, adversely impacting cash accruals, and pay-out to the Trust.
- Significantly increasing average collection period of SPVs due to delayed collection under shared regulations.

Analytical approach: Consolidated

Business and financial risk profiles of SPVs acquired by the Trust are consolidated. Please Refer to Annexure-6 for the entities consolidated.

Outlook: Stable

Stable outlook reflects the ability of the SPVs under the Trust to sustain strong availability and collection efficiency leading to steady gross cash accrual (GCA).

¹Complete definition of ratings assigned are available at www.careratings.com and other CARE Ratings Limited's publications.

Detailed description of key rating drivers:

Key strengths

Well-established sponsor and project manager with rich experience in power transmission business

PGCIL operates as project manager responsible for planning and developing the country's nationwide power transmission network, including inter-state networks. Despite the extensive network under its management, PGCIL has maintained annual system availability at over 98% (above normative), which enables the company to earn incentive income consistently. PGCIL has a unitholding of 15% in the Trust. PGCIL oversees project management of the Trust and O&M of assets housed under the five SPVs.

Portfolio assets of PGInvIT are operational with low revenue risk and stable cashflow visibility

The portfolio assets comprise five power transmission projects across five Indian states. Projects comprise 11 transmission lines, including six 765-kV transmission lines and five 400-kV transmission lines with a total circuit length of ~3,698.59 ckm, and three substations with 6,630 MVA of an aggregate transformation capacity and 1,955.66 km optical ground wire. Each portfolio assets have a long-term TSA of 35 years from the scheduled commercial date of operations (COD). SPVs are eligible to book an entire contracted tariff for the year if annual availability is equal to or over target availability. The revenue booked is reduced if availability is less than 98%. SPVs are eligible for incentives if availability is more than 98%. The revenue is insulated from demand, supply, and price fluctuation of the power tariff. In normal circumstances, outages (which lead to lower availability) are easily identifiable. Per the TSA, availability-based tariff assures a stable cashflow for SPVs.

Strong operational performance of portfolio assets

All five assets have registered availability at higher-than-targeted levels in the last 12 months. This has ensured full recovery of transmission charge and led to incentive income. All SPVs have registered an average availability exceeding 99.70% for FY25 (refers to April 01 to March 31) and Q1FY26 (refers to April 01 to June 30).

Counterparty credit risk diversified and mitigated largely through collection under shared regulations

Portfolio assets have TSAs with inter-state transmission service (ISTS) customers, geographically diversified in southern, western, northern, and central India. 100% annual transmission charges billed by five SPVs are under the CERC sharing regulations. CTUIL manages the process, it bills and collects monthly transmission charges on behalf of all ISTS licensees from all designated ISTS customers. All ISTS licensees are then paid their share of transmission charges from the centrally collected pool by CTUIL. Hence, this method minimises counterparty risk.

Low leverage

PGInvIT's portfolio assets have no external debt, as on June 30, 2025. Proceeds from the initial public offering (IPO) were utilised to provide loans to SPVs for pre-payment of existing debt availed. The Trust had debt outstanding of ₹1,070.25 crore as on June 30, 2025. The external borrowing is low compared to the reported market value of assets, which provides comfort. The total debt (as on June 30, 2025) /EV (as per valuation report dated March 31, 2025) stands at ~12%.

Relatively low industry risk in the power transmission business

Transmission projects are protected from demand risk, as the arrangement between the project developer and beneficiary is regulated by the TSA. Transmission charges are billed monthly for usage of transmission line, per TSA-provided availability. TSA is usually for a long-term and provides revenue visibility of the project, subject to maintenance of operational parameters.

Key weaknesses

Moderate O&M risk for portfolio assets

Lower-than-target availability could lead to reduced transmission charges, impacting cashflows of assets, and consequently, the Trust. O&M of all five assets have been managed by PGCIL, through O&M contracts escalated annually. The O&M risk is partially offset by steady past performance of transmission assets and strong experience of the Project manager. Price escalations in O&M costs are not expected to materially affect project cashflows, as these costs are a small portion of the revenue generated each year.

Exposure to variation in interest rates

External borrowings with floating interest rates would be subject to interest rate variation with a periodic reset of rates. PGINVIT's cash flow is linked to transmission charges received by SPVs. These charges are fixed. Variation in interest rate might impact debt-servicing of the Trust. However, interest expense as a percentage of overall exposure is minimal at this stage.

Liquidity: Strong

Liquidity of PGINVIT is characterised as strong due to low leverage and its stable income from interest on loan given to the five operational assets and dividend income. As on March 31, 2025, the cash and cash equivalent position of the Trust stood at ~₹632 crore. The dividend paying capability has also been demonstrated by declared dividend with cumulative distribution at ₹46.50/unit till FY25. Further, in Q1FY26, it has declared dividend of ₹3/unit with cumulative distribution at ₹49.50/unit. Under Point of Connection (PoC) mechanism, the average collection period for SPVs is within allowable limits and collection period at InvIT level stood at 25 days for FY25.

Assumptions/Covenants: Not applicable

Environment, social, and governance (ESG) risks: Not applicable

Applicable criteria

[Definition of Default](#)

[Consolidation](#)

[Liquidity Analysis of Non-financial sector entities](#)

[Investment Holding Companies](#)

[Issuer Rating](#)

[Rating Outlook and Rating Watch](#)

[Financial Ratios – Non financial Sector](#)

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[Power- Transmission](#)

About the company and industry

Industry classification

Macroeconomic indicator	Sector	Industry	Basic industry
Financial services	Financial services	Finance	Investment company

PGINVIT was set up by PGCIL as an irrevocable trust pursuant to the Trust Deed, under the provisions of the Indian Trusts Act, 1882. The Trust was registered with the Securities and Exchange Board of India (SEBI) on January 07, 2021, as an InvIT under InvIT regulations. IDBI Trusteeship Services Limited is the Trustee. PGCIL is a Maharatna Central Public Sector Enterprise under the Ministry of Power, Government of India and is the sponsor of PGINVIT. POWERGRID Unchahar Transmission Limited (PUTL), a wholly owned subsidiary of PGCIL has been appointed as the investment manager to the Trust, while PGCIL has been appointed as the project manager for the Trust.

Brief Financials - Consolidated (₹ crore)	March 31, 2024 (A)	March 31, 2025 (A)	Q1FY26(UA)
Total operating income	1,265.33	1,266.49	313.28
PBILDT	1,166.01	1,177.88	291.93
PAT	981.73	1,171.89	190.76
Overall gearing (times)	0.07	0.15	NA
Interest coverage (times)	24.88	21.20	14.63

A: Audited UA: Unaudited; NA: Not available; Note: these are latest available financial results

Status of non-cooperation with previous CRA: Not applicable

Any other information: Not applicable

Rating history for last three years: Annexure-2

Detailed explanation of covenants of rated instrument / facility: Annexure-3

Complexity level of instruments rated: Annexure-4

Lender details: Annexure-5

Annexure-1: Details of instruments/facilities

Name of the Instrument	ISIN	Date of Issuance (DD-MM-YYYY)	Coupon Rate (%)	Maturity Date (DD-MM-YYYY)	Size of the Issue (₹ crore)	Rating Assigned and Rating Outlook
Fund-based - LT-Term Loan		-	-	March 31, 2038	0.00	Withdrawn
Issuer Rating-Issuer Ratings		-	-	-	0.00	CARE AAA; Stable

Annexure-2: Rating history for 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 2025-2026	Date(s) and Rating(s) assigned in 2024-2025	Date(s) and Rating(s) assigned in 2023-2024	Date(s) and Rating(s) assigned in 2022-2023
1	Issuer Rating-Issuer Ratings	LT	0.00	CARE AAA; Stable	-	1)CARE AAA; Stable (18-Mar-25)	1)CARE AAA; Stable (14-Mar-24)	1)CARE AAA; Stable (06-Mar-23) 2)CARE AAA; Stable (26-Dec-22)
2	Fund-based - LT-Term Loan	LT	-	-	-	1)CARE AAA; Stable (18-Mar-25)	1)CARE AAA; Stable (14-Mar-24)	1)CARE AAA; Stable (06-Mar-23) 2)CARE AAA; Stable (30-May-22)

LT: Long term

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

Annexure-4: Complexity level of instruments rated

Sr. No.	Name of the Instrument	Complexity Level
1	Fund-based - LT-Term Loan	Simple

Annexure-5: Lender details

To view lender-wise details of bank facilities please [click here](#)

Annexure-6: List of entities consolidated

Sr No	Name of the entity	Extent of consolidation	Rationale for consolidation
1	Vizag Transmission Limited (VTL)	Full	Wholly owned subsidiary
2	Warora Transmission Limited (WTL)		
3	Parli Power Transmission Limited (PPTL)		
4	Jabalpur Power Transmission Limited (JPTL)		
5	Kala Amb Transmission Limited (KATL)		

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

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