

Rating Rationale

July 14, 2023 | Mumbai

Union Bank of India

Rating outlook revised to 'Positive'; Rating Reaffirmed; Lower Tier-II Bonds (under Basel II) Withdrawn

Rating Action

ating Action	
Rs.117 Crore Tier I Bonds (Under Basel III)	CRISIL AA/Positive (Outlook revised from 'Stable'; Rating Reaffirmed)
Rs.1983 Crore Tier I Bonds (Under Basel III)	CRISIL AA/Positive (Outlook revised from 'Stable'; Rating Reaffirmed)
Rs.1500 Crore Tier I Bonds (Under Basel III)	CRISIL AA/Positive (Outlook revised from 'Stable'; Rating Reaffirmed)
Rs.1500 Crore Tier I Bonds (Under Basel III)	CRISIL AA/Positive (Outlook revised from 'Stable'; Rating Reaffirmed)
Rs.2000 Crore Tier I Bonds (Under Basel III)	CRISIL AA/Positive (Outlook revised from 'Stable'; Rating Reaffirmed)
Rs.500 Crore Tier I Bonds (Under Basel III)	CRISIL AA/Stable (Withdrawn)
Rs.2000 Crore Tier II Bonds (Under Basel III)	CRISIL AA+/Positive (Outlook revised from 'Stable'; Rating Reaffirmed)
Lower Tier-II Bonds (under Basel II) Aggregating Rs.800 Crore	CRISIL AA+/Stable (Withdrawn)
Tier II Bonds (Under Basel III) Aggregating Rs.2750 Crore (Reduced from Rs 3750 crore)	CRISIL AA+/Positive (Outlook revised from 'Stable'; Rating Reaffirmed)

Note: None of the Directors on CRISIL Ratings Limited's Board are members of rating committee and thus do not participate in discussion or assignment of any ratings. The Board of Directors also does not discuss any ratings at its meetings.

1 crore = 10 million

Refer to Annexure for Details of Instruments & Bank Facilities

Detailed Rationale

CRISIL Ratings has revised its Outlook on Tier I and Tier II bonds (Under Basel III) of Union Bank of India (Union Bank/UBI) to 'Positive' from 'Stable' while reaffirming its rating of 'CRISIL AA+' on existing Tier II Bonds (under Basel III) and 'CRISIL AA' on existing Tier I Bonds (under Basel III). CRISIL Ratings has also withdrawn its rating from Rs 500 crore of Tier I Bonds (Under Basel III), Rs 800 crore of Lower Tier II Bond (under Basel III) and Rs 1000 crore of Tier- II Bond Issue (Under Basel III).

The revision in outlook to "Positive" from "Stable" reflects the gradual improvement in the bank's asset quality and earnings profile over the past few quarters, alongside steady asset growth of ~13% and adequate capitalization.

The GNPA stood at 11.1% as on March 31, 2022 which has reduced to 7.5% as on March 31, 2023 due to reduced slippages. On a quarterly basis also, the slippages have shown a continued improving trajectory at 4.8% for Q1, 3.4% for Q2, 3.1% for Q3 and 1.9% for Q4. The improvement in GNPA is stemming primarily from the MSME and corporate book which is supporting the overall asset quality metrics. CRISIL Ratings expects the trajectory of controlled slippages and hence a further improvement in the asset quality metrics to continue going forward.

Return on Assets (RoA) inched up from 0.5% in fiscal 2022 to 0.7% in fiscal 2023, while this continues to remain subdued, the provision coverage ratio for the bank has improved to 78.8% as on March 31, 2023 from 69.5% previous fiscal.

The banks has plans to raise additional equity capital of Rs 8,000 crore in the coming fiscal, this will further improve the existing CAR from 16.0%.

The overall ratings continue to reflect the expectation of strong support from the majority stakeholder, Government of India (GoI), and the bank's sizeable scale of operations. These strengths are partially offset by modest, though steady, growth in advances

The rating on the Tier I bonds (under Basel III) meets 'CRISIL's rating criteria for BASEL III-compliant instruments of banks'. CRISIL Ratings evaluates the bank's (i) reserves position (adjusted for any medium-term stress in profitability) and (ii)

cushion over regulatory minimum Common Equity Tier I (CET1; including Capital Conservation Buffer—CCB) capital ratios. Also evaluated is the demonstrated track record and management philosophy regarding maintenance of sufficient CET1 capital cushion above the minimum regulatory requirements.

Analytical Approach

For arriving at the ratings, CRISIL Ratings has considered the consolidated business and financial risk profiles of Union Bank and its subsidiaries. CRISIL Ratings has also factored in the strong support that the bank is expected to receive from its majority owner, the central government, both on an ongoing basis and in the event of distress.

Please refer Annexure - List of Entities Consolidated, which captures the list of entities considered and their analytical treatment of consolidation.

Key Rating Drivers & Detailed Description Strengths:

Expectation of strong support from the government

The ratings continue to factor in expectation of strong government support. This is because the central government is the majority shareholder in public sector banks (PSBs) and the guardian of India's financial system. Stability of the banking sector is of prime importance to the government, given its criticality to the economy, strong public perception of sovereign backing for PSBs, and severe implications of any PSB failure, in terms of political fallout, systemic stability and investor confidence. The majority ownership creates a moral obligation on the government to support PSBs, including Union Bank. Any material change in shareholding by GoI and/or privatisation of the bank in line with Finance Minister's announcement in the recent budget for privatisation of two PSBs will be a key rating sensitivity factor.

As a part of the Indradhanush framework, the government had pledged to infuse at least Rs 70,000 crore in PSBs over fiscals 2015 to 2019, of which Rs 25,000 crore each was infused in fiscals 2016 and 2017. In October 2017, the government outlined a recapitalisation package of Rs 2.11 lakh crore over fiscals 2018 and 2019. Union Bank, Andhra Bank and Corporation Bank together received Rs 10242 crore in fiscal 2018 and Rs 21,028 crore in fiscal 2019 under this package. Also, the government allocated Rs 70,000 crore in fiscal 2020, of which Rs 11968 crore was received.

Adequate Capitalisation

The bank has flexibility to raise additional equity from the market, with the central government stake at 83.5% as on March 31, 2023. The bank has raised Rs 2200 crore of Tier 2 bonds and Rs 1983 crore of Tier 1 bonds in fiscal 2023. The bank has also raised equity of Rs 1447 crore in fiscal 2022 and the next equity raise of Rs 8000 crore is envisaged for the near to medium term. The bank's CET-1 ratio, Tier-I CAR and overall CAR stood at 12.4%, 13.9% and 16.0%, respectively, as on March 31, 2023 (10.6%, 12.2% and 14.5% as on March 31, 2022).

Sizeable scale of operations, backed by extensive branch network and stable growth

Union Bank is among the larger PSBs with share in deposits and advances in the domestic banking system at ~6% each as on March 31, 2023. The gross advances grew from Rs 7,16,408 crore as on March 31, 2022 to Rs 8,09,905 crore as on March 31, 2023 which is a 13% growth. The bank has 46% of its total advances in the form of loans to corporates followed by retail (19%), agriculture (19%) and micro, small and medium enterprises (16%). Within retail, housing loans constituted almost 50% of the loan book,

The bank benefits from its sizeable branch network of 8577 as on March 31, 2023, and wide reach in rural and semi-urban areas, which facilitates access to low-cost, stable resource base. As on March 31, 2023, current account and savings account (CASA) deposits-to-total deposit ratio was 35.6% (36.5% as on March 31, 2022). While this is adequate, it is lower than that for some of the other large banks. Union Bank is likely to maintain its market share and pan-India presence over the medium term.

Weaknesses:

Modest, albeit improving, earnings profile

Profitability of the bank was constrained primarily by high provisioning costs taken by the bank. However, it has improved over the last few fiscals. The bank reported a profit after tax (PAT) of Rs 8434 crore with return on assets (RoA) of 0.7% in fiscal 2023 against PAT of Rs 5233 crore with return on assets (RoA) of 0.5% in fiscal 2022 and a profit of Rs 2905 crore with RoA of 0.3% in fiscal 2021.

The improvement was driven by improvement in Net interest income (NII) from Rs 24688 crore (2.4% of average total assets) in FY 21 to Rs 32765 core (2.6% of average total assets) in FY 23. Another factor which contributed to the increase in profits was the increase in other income from Rs 12525 crore in FY 22 to 14633 crore in FY 23. Further, supported by cost rationalisation measures taken by the bank in the recent past, operating expenses remained range bound between 1.6% -1.8% of average assets between fiscal 2020 to fiscal 2023. Provisioning Coverage Ratio (PCR, excluding the technical write-offs) of the bank continues to remain high at around 78.8% as on March 31, 2023 (69.5% as on March 31, 2022).

Nevertheless, improvement and sustainability of the profitability will remain a key monitorable.

Average Asset Quality:

The bank's asset quality, with reported gross NPAs of 7.5% as on March 31, 2023 (11.1% as on March 31, 2022 and 13.7% as on March 31, 2022) is on an improving trajectory. Around 43% of the NPAs are contributed by large corporates, which have gross NPAs of around 7.3% as on March 31, 2023(11.3% as on March 31, 2022). The same has come down from 19.5% as on March 31, 2020 – driven by the write-offs. As on March 31, 2023, retail, agriculture, and micro--small and medium segments had gross NPAs of around 2.9%, 10.3% and 12.5%, respectively.

The slippages (as percentage of opening net advances), which had elevated to 4.1% (Rs 25147 crore) in fiscal 2020 and 3.9% (Rs 22877 crore) in fiscal 2022 post covid, have improved and reduced to 1.9% (Rs 12518 crore) in fiscal 2023. Furthermore, the bank's standard restructured accounts were at around 2.2% of advances as on March 31, 2023.

The overall Asset quality has improved in fiscal 2023 and the trajectory is expected to continue basis the reduced slippages and enhanced recovery efforts. The GNPA has reduced from Rs 89788 crore in fiscal 2021 to Rs 79587 crore in fiscal 2022 and further to Rs 60987 crore in fiscal 2023, thereby reducing the GNPA percentage from 13.7% in fiscal 2021 to 7.5% in fiscal 2023

Asset quality of the bank, as well as performance of the restructured accounts and ability of the management to contain slippages to NPAs and improve recoveries, will remain key monitorables in the near to medium term.

Liquidity: Strong

Liquidity should remain comfortable, supported by strong retail deposit base. Liquidity is supported the access to LAF window of RBI and refinance lines from financial institutions and LCR of ~192.9% for the quarter ended March 31, 2023. Liquidity also benefits from access to systemic sources of funds, such as the liquidity adjustment facility from RBI and access to the call money market.

Outlook: Positive

Union Bank should continue to benefit from strong government support and its large size and scale.

Rating Sensitivity factors

Upward factors

- Sustained improvement in asset quality with GNPA levels reducing to and remaining below 7% on a steady state basis
 or the Bank reporting a sustained increase in profitability metrics
- Capitalisation metrics improving considerably with significant cushion over the regulatory requirements

Downward factors

- · Material change in shareholding and/or expectation of support from Gol
- Deterioration in asset quality with gross NPAs rising from current levels
- Decline in CAR below minimum regulatory requirements (including CCB, which is Tier I of 9.5% and overall CAR of 11.5%) for an extended period

About the Bank

Incorporated in 1919 in Mumbai, Union Bank was nationalised in 1969. The government's ownership stood at 83.5% as on December 31, 2021.

Amalgamation of Andhra Bank and Corporation Bank into Union Bank was effective from April 1, 2020. Post amalgamation, the merged entity enjoys the benefits of larger balance sheet and wider geographical reach. As on March 31, 2023, Union Bank is one of the top five largest PSBs with total assets of Rs 12,80,752 crore and strong domestic branch network comprising 8577branches.

The bank reported a profit of Rs 8434 crore on total income (net of interest expense) of Rs 47398 crore for the fiscal 2023, against Rs 5233 crore and Rs 40312 crore, respectively, in the previous fiscal.

Key Financial Indicators

Particulars as on March 31,	Unit	2023	2022	2021
Total assets	Rs crore	1280752	1187591	1071706
Total income (net of interest expense)	Rs crore	47398	40312	36025
Profit after tax	Rs crore	8434	5233	2905
Gross NPA	%	7.5	11.1	13.7
Overall CAR	%	16	14.5	12.6
RoA (annualised)	%	0.7	0.5	0.3

Any other information: Not applicable

Note on complexity levels of the rated instrument:

CRISIL Ratings' complexity levels are assigned to various types of financial instruments and are included (where applicable) in the 'Annexure - Details of Instrument' in this Rating Rationale.

CRISIL Ratings will disclose complexity level for all securities - including those that are yet to be placed - based on available information. The complexity level for instruments may be updated, where required, in the rating rationale published subsequent to the issuance of the instrument when details on such features are available.

For more details on the CRISIL Ratings' complexity levels please visit www.crisilratings.com. Users may also call the Customer Service Helpdesk with queries on specific instruments.

Annexure - Details of Instrument(s)

ISIN	Name of instrument	Date of allotment	Coupon rate (%)	Maturity date	Issue size (Rs.Crore)		Rating assigned with outlook
NA	Tier-I Bond Issue (Under Basel III)*	NA	NA	NA	117	Highly complex	CRISIL AA/Positive

INE692A08185	Tier-I Bond Issue (Under Basel III)	2-Mar-22	8.5	Perpetual	1500	Highly complex	CRISIL AA/Positive
INE692A08177	Tier-I Bond Issue (Under Basel III)	20-Dec-21	8.4	Perpetual	1500	Highly complex	CRISIL AA/Positive
INE692A08169	Tier-I Bond Issue (Under Basel III)	22-Nov-21	8.7	Perpetual	2000	Highly complex	CRISIL AA/Positive
INE692A08094	Tier II Bonds (under Basel III)	16-Sep-20	7.42	16-Sep-30	1000	Complex	CRISIL AA+/Positive
INE692A08102	Tier II Bonds (under Basel III)	26-Nov-20	7.18	26-Nov-35	1000	Complex	CRISIL AA+/Positive
INE692A08045	Basel III compliant Tier II Bonds	24-Nov-16	7.74	24-Nov-26	750	Complex	CRISIL AA+/Positive
INE692A09266	XVII-A Basel III compliant Tier II bonds	22-Nov-13	9.8	22-Nov-23	2000	Complex	CRISIL AA+/Positive
INE692A08193	Tier-I Bond Issue (Under Basel III)	25-Jul-22	8.69	Perpetual	1320	Highly complex	CRISIL AA/Positive
INE692A08227	Tier-I Bond Issue (Under Basel III)	23-Dec-22	@8.4% PER ANNUM	Perpetual	663	Highly complex	CRISIL AA/Positive

^{*}Yet to be issued

Annexure - Details of Rating Withdrawn

ISIN	Name of instrument	Date of allotment	Coupon rate (%)	100 SATISTIC ACCUSES #515	Issue size (Rs.Crore)	Complexity levels	Rating assigned with outlook
INE692A09241	XVI-B Lower Tier II	28-Dec-12	8.9	28-Dec-22	800	Complex	Withdrawn
INE434A08083	Tier-I Bond Issue (Under Basel III)	31-Oct-17	9.20%	Perpetual	500	Highly complex	Withdrawn
INE434A08075	Tier-II Bond Issue (Under Basel III)	24-Oct-17	7.98%	24-Oct-27	1000	Complex	Withdrawn

Annexure - List of entities consolidated

Names of Entities Consolidated	Extent of Consolidation	Rationale for Consolidation
Union Bank of India (UK) Ltd	Full	Subsidiary
Union Asset Management Co Pvt Ltd	Full	Subsidiary
Union Trustee Co Pvt Ltd	Full	Subsidiary
UBI Services Ltd	Full	Subsidiary
Andhra Bank Financial Services Limited	Full	Subsidiary
Star Union Dai-ichi Life Insurance Co. Limited	Proportionate	Joint venture
India First Life Insurance	Proportionate	Joint venture
ASREC India limited	Proportionate	Joint venture
India International Bank (Malaysia) BHD	Proportionate	Joint venture
Chaitanya Godavari Gramina Bank	Proportionate	Associate

Annexure - Rating History for last 3 Years

		Current		2023 (History) 20		2022 20		2021		2020	Start of 2020	
Instrument	Туре	Outstanding Amount	Rating	Date	Rating	Date	Rating	Date	Rating	Date	Rating	Rating
Infrastructure Bonds	LT		(40)		1548		25	01-10-21	Withdrawn	23-10-20	CRISIL AA+/Negative	82
			-					02-03-21	CRISIL AA+/Stable		O#5	: *
Lower Tier-II Bonds (under Basel II)	LT	800.0	Withdrawn		(C .0)	15-07-22	CRISIL AA+/Stable	09-12-21	CRISIL AA+/Stable	23-10-20	CRISIL AA+/Negative	CRISIL AA+/Watch Developing
) + 3		·*	10-02-22	CRISIL AA+/Stable	11-11-21	CRISIL AA+/Stable	10-09-20	CRISIL AA+/Negative	-
			120		122		22	01-10-21	CRISIL AA+/Stable	01-09-20	CRISIL AA+/Negative	122
			: * :		÷-		+	02-03-21	CRISIL AA+/Stable		5 4 5	-
Perpetual Tier-I Bonds (under Basel II)	LT				-		15		:2	23-10-20	Withdrawn	CRISIL AA+/Watch Developing
			-				i i			10-09-20	CRISIL AA+/Negative	i.e.
)##():		0.000					01-09-20	CRISIL AA+/Negative	

Tier I Bonds (Under Basel III)	LT	7100.0	CRISIL AA/Positive	55 5 5	15-07-22	CRISIL AA/Stable	09-12-21	CRISIL AA/Stable	23-10-20	CRISIL AA-/Negative	856
					10-02-22	CRISIL AA/Stable	11-11-21	CRISIL AA/Stable			i e
			7	-		9	01-10-21	CRISIL AA/Stable		-	-
) - ->	38		84	02-03-21	CRISIL AA-/Stable		: :	:#K
Tier II Bonds (Under Basel LT III)	LT	4750.0	CRISIL AA+/Positive	-	15-07-22	CRISIL AA+/Stable	09-12-21	CRISIL AA+/Stable	23-10-20	CRISIL AA+/Negative	CRISIL AA+/Watch Developing
			(423)	242	10-02-22	CRISIL AA+/Stable	11-11-21	CRISIL AA+/Stable	10-09-20	CRISIL AA+/Negative	82
			-2	-			01-10-21	CRISIL AA+/Stable	01-09-20	CRISIL AA+/Negative	-
			340	140		#	02-03-21	CRISIL AA+/Stable		? . =:	84
Upper Tier-II Bonds (under Basel II)	LT		-			#	01-10-21	Withdrawn	23-10-20	CRISIL AA+/Negative	CRISIL AA+/Watch Developing
			(4)			3	02-03-21	CRISIL AA+/Stable	10-09-20	CRISIL AA+/Negative	
								540	01-09-20	CRISIL AA+/Negative	:j e £

All amounts are in Rs.Cr.

Criteria Details

I inke to	o related	critoria

CRISILs Approach to Financial Ratios

Rating Criteria for Banks and Financial Institutions

CRISILs Criteria for rating short term debt

Rating criteria for Basel III - compliant non-equity capital instruments

Rating Criteria for Hybrid Capital instruments issued by banks under Basel II guidelines

Criteria for Notching up Stand Alone Ratings of Entities Based on Government Support

CRISILs Criteria for Consolidation

Media Relations	Analytical Contacts	Customer Service Helpdesk
Aveek Datta Media Relations CRISIL Limited M: +91 99204 93912 B: +91 22 3342 3000 AVEEK.DATTA@crisil.com	Ajit Velonie Senior Director CRISIL Ratings Limited B:+91 22 3342 3000 ajit.velonie@crisil.com	Timings: 10.00 am to 7.00 pm Toll free Number:1800 267 1301 For a copy of Rationales / Rating Reports CRISILratingdesk@crisil.com
Prakruti Jani Media Relations CRISIL Limited M: +91 98678 68976 B: +91 22 3342 3000 PRAKRUTI JANI@crisil.com Rutuja Gaikwad Media Relations CRISIL Limited B: +91 22 3342 3000 Rutuja.Gaikwad@ext-crisil.com	Subhasri Narayanan Director CRISIL Ratings Limited B:+91 22 3342 3000 subhasri.narayanan@crisil.com AANCHAL VIJAY BIYANI Senior Rating Analyst CRISIL Ratings Limited B:+91 22 3342 3000 AANCHAL.BIYANI@crisil.com	For Analytical queries: ratingsinvestordesk@crisil.com

Note for Media:

This rating rationale is transmitted to you for the sole purpose of dissemination through your newspaper/magazine/agency. The rating rationale may be used by you in full or in part without changing the meaning or context thereof but with due credit to CRISIL Ratings. However, CRISIL Ratings alone has the sole right of distribution (whether directly or indirectly) of its rationales for consideration or otherwise through any media including websites and portals.

About CRISIL Ratings Limited (A subsidiary of CRISIL Limited, an S&P Global Company)

CRISIL Ratings pioneered the concept of credit rating in India in 1987. With a tradition of independence, analytical rigour and innovation, we set the standards in the credit rating business. We rate the entire range of debt instruments, such as bank loans, certificates of deposit, commercial paper, non-convertible/convertible/partially convertible bonds and debentures, perpetual bonds, bank hybrid capital instruments, asset-backed and mortgage-backed securities, partial guarantees and other structured debt instruments. We have rated over 33,000 large and mid-scale corporates and financial institutions. We have also instituted several innovations in India in the rating business, including ratings for municipal bonds, partially guaranteed instruments and infrastructure investment trusts (InvITs).

CRISIL Ratings Limited ('CRISIL Ratings') is a wholly-owned subsidiary of CRISIL Limited ('CRISIL'). CRISIL Ratings Limited is registered in India as a credit rating agency with the Securities and Exchange Board of India ("SEBI").

For more information, visit www.crisilratings.com

About CRISIL Limited

CRISIL is a leading, agile and innovative global analytics company driven by its mission of making markets function better.

It is India's foremost provider of ratings, data, research, analytics and solutions with a strong track record of growth, culture of innovation, and global footprint.

It has delivered independent opinions, actionable insights, and efficient solutions to over 100,000 customers through businesses that operate from India, the US, the UK, Argentina, Poland, China, Hong Kong and Singapore.

It is majority owned by S&P Global Inc, a leading provider of transparent and independent ratings, benchmarks, analytics and data to the capital and commodity markets worldwide.

For more information, visit www.crisil.com

Connect with us: TWITTER | LINKEDIN | YOUTUBE | FACEBOOK

CRISIL PRIVACY NOTICE

CRISIL respects your privacy. We may use your contact information, such as your name, address and email id to fulfil your request and service your account and to provide you with additional information from CRISIL. For further information on CRISIL's privacy policy please visit www.crisil.com.

DISCLAIMER

This disclaimer is part of and applies to each credit rating report and/or credit rating rationale ('report') that is provided by CRISIL Ratings Limited ('CRISIL Ratings'). To avoid doubt, the term 'report' includes the information, ratings and other content forming part of the report. The report is intended for the jurisdiction of India only. This report does not constitute an offer of services. Without limiting the generality of the foregoing, nothing in the report is to be construed as CRISIL Ratings providing or intending to provide any services in jurisdictions where CRISIL Ratings does not have the necessary licenses and/or registration to carry out its business activities referred to above. Access or use of this report does not create a client relationship between CRISIL Ratings and the user.

We are not aware that any user intends to rely on the report or of the manner in which a user intends to use the report. In preparing our report we have not taken into consideration the objectives or particular needs of any particular user. It is made abundantly clear that the report is not intended to and does not constitute an investment advice. The report is not an offer to sell or an offer to purchase or subscribe for any investment in any securities, instruments, facilities or solicitation of any kind to enter into any deal or transaction with the entity to which the report pertains. The report should not be the sole or primary basis for any investment decision within the meaning of any law or regulation (including the laws and regulations applicable in the US).

Ratings from CRISIL Ratings are statements of opinion as of the date they are expressed and not statements of fact or recommendations to purchase, hold or sell any securities/instruments or to make any investment decisions. Any opinions expressed here are in good faith, are subject to change without notice, and are only current as of the stated date of their issue. CRISIL Ratings assumes no obligation to update its opinions following publication in any form or format although CRISIL Ratings may disseminate its opinions and analysis. The rating contained in the report is not a substitute for the skill, judgment

and experience of the user, its management, employees, advisors and/or clients when making investment or other business decisions. The recipients of the report should rely on their own judgment and take their own professional advice before acting on the report in any way. CRISIL Ratings or its associates may have other commercial transactions with the entity to which the report pertains.

Neither CRISIL Ratings nor its affiliates, third-party providers, as well as their directors, officers, shareholders, employees or agents (collectively, 'CRISIL Ratings Parties') guarantee the accuracy, completeness or adequacy of the report, and no CRISIL Ratings Party shall have any liability for any errors, omissions or interruptions therein, regardless of the cause, or for the results obtained from the use of any part of the report. EACH CRISIL RATINGS PARTY DISCLAIMS ANY AND ALL EXPRESS OR IMPLIED WARRANTIES, INCLUDING BUT NOT LIMITED TO ANY WARRANTIES OF MERCHANTABILITY, SUITABILITY OR FITNESS FOR A PARTICULAR PURPOSE OR USE. In no event shall any CRISIL Ratings Party be liable to any party for any direct, incidental, exemplary, compensatory, punitive, special or consequential damages, costs, expenses, legal fees or losses (including, without limitation, lost income or lost profits and opportunity costs) in connection with any use of any part of the report even if advised of the possibility of such damages.

CRISIL Ratings may receive compensation for its ratings and certain credit-related analyses, normally from issuers or underwriters of the instruments, facilities, securities or from obligors. Public ratings and analysis by CRISIL Ratings, as are required to be disclosed under the regulations of the Securities and Exchange Board of India (and other applicable regulations, if any), are made available on its website, www.crisilratings.com (free of charge). Reports with more detail and additional information may be available for subscription at a fee - more details about ratings by CRISIL Ratings are available here: www.crisilratings.com.

CRISIL Ratings and its affiliates do not act as a fiduciary. While CRISIL Ratings has obtained information from sources it believes to be reliable, CRISIL Ratings does not perform an audit and undertakes no duty of due diligence or independent verification of any information it receives and/or relies on in its reports. CRISIL Ratings has established policies and procedures to maintain the confidentiality of certain non-public information received in connection with each analytical process. CRISIL Ratings has in place a ratings code of conduct and policies for managing conflict of interest. For details please refer to: https://www.crisil.com/en/home/our-businesses/ratings/regulatory-disclosures/highlighted-policies.html.

Rating criteria by CRISIL Ratings are generally available without charge to the public on the CRISIL Ratings public website, www.crisilratings.com. For latest rating information on any instrument of any company rated by CRISIL Ratings, you may contact the CRISIL Ratings desk at crisilratingdesk@crisil.com, or at (0091) 1800 267 1301.

This report should not be reproduced or redistributed to any other person or in any form without prior written consent from CRISIL Ratings.

All rights reserved @ CRISIL Ratings Limited. CRISIL Ratings is a wholly owned subsidiary of CRISIL Limited.

CRISIL Ratings uses the prefix 'PP-MLD' for the ratings of principal-protected market-linked debentures (PPMLD) with effect from November 1, 2011, to comply with the SEBI circular, "Guidelines for Issue and Listing of Structured Products/Market Linked Debentures". The revision in rating symbols for PPMLDs should not be construed as a change in the rating of the subject instrument. For details on CRISIL Ratings' use of 'PP-MLD' please refer to the notes to Rating scale for Debt Instruments and Structured Finance Instruments at the following link: https://www.crisil.com/en/home/our-businesses/ratings/credit-ratings-scale.html