

# February 27, 2023<sup>(Revised)</sup>

# REC Limited: [ICRA]AAA(Stable) assigned; earlier ratings reaffirmed

### Summary of rating action

| Instrument*                                                | Previous Rated<br>Amount<br>(Rs. crore) | Current Rated<br>Amount<br>(Rs. crore) | Rating Action                           |
|------------------------------------------------------------|-----------------------------------------|----------------------------------------|-----------------------------------------|
| Long-term borrowing programme FY2023                       | -                                       | 23,000                                 | [ICRA]AAA(Stable); assigned             |
| Long-term borrowing programme FY2023                       | 75,000                                  | 75,000                                 | [ICRA]AAA(Stable); reaffirmed           |
| Short-term borrowing programme FY2023                      | 5,000                                   | 5,000                                  | [ICRA]A1+; reaffirmed                   |
| Commercial paper                                           | 5,000                                   | 5,000                                  | [ICRA]A1+; reaffirmed                   |
| Long Term / Short Term-Fund<br>Based/Non Fund Based limits | 15,005                                  | 15,005                                 | [ICRA]AAA(Stable)/[ICRA]A1+; reaffirmed |
| Long-term borrowing programme FY2022                       | 100,000                                 | 100,000                                | [ICRA]AAA(Stable); reaffirmed           |
| Short-term borrowing programme FY2022                      | 10,000                                  | 10,000                                 | [ICRA]A1+; reaffirmed                   |
| Long-term borrowing programme FY2021                       | 1,00,000                                | 1,00,000                               | [ICRA]AAA(Stable); reaffirmed           |
| Short-term borrowing programme FY2021                      | 10,000                                  | 10,000                                 | [ICRA]A1+; reaffirmed                   |
| LT-market linked debenture                                 | 1,000                                   | 1,000                                  | PP-MLD[ICRA]AAA (Stable); reaffirmed    |
| Long-term borrowing programme FY2020                       | 76,350                                  | 76,350                                 | [ICRA]AAA(Stable); reaffirmed           |
| LT borrowing programmes from earlier years                 | 112,409.71                              | 112,409.71                             | [ICRA]AAA(Stable); reaffirmed           |
| GoI fully serviced bonds                                   | 15,000                                  | 15,000                                 | [ICRA]AAA(Stable); reaffirmed           |
| Total                                                      | 524,764.7                               | 547,764.7                              |                                         |

<sup>\*</sup>Instrument details are provided in Annexure-1

#### **Rationale**

While arriving at the ratings, ICRA takes a consolidated view of the credit profiles of REC Limited (REC) and Power Finance Corporation Ltd. (PFC), as REC is a subsidiary of PFC and both entities are in a similar line of business with strategic importance to the Government of India (GoI) and overlapping clientele.

The ratings continue to draw significant strength from REC's ultimate sovereign ownership, its importance to the Gol, given its role as a nodal agency for various power sector schemes, and its dominant market position (including PFC) in the power sector financing segment. The ratings also continue to draw comfort from the diversified borrowing mix, healthy financial flexibility by virtue of ownership, adequate liquidity and established track record of healthy profitability. The aforesaid strengths are partly offset by the moderate capitalisation with a consolidated gearing of about 6.6x as on September 30, 2022. The group also remains exposed to risks arising from exposure to a single sector (i.e. power) with a high concentration towards relatively weak state power utilities as well as the vulnerability of its exposure to private sector borrowers. This is reflected by the elevated asset quality indicators with the gross stage 3 assets at 3.6% and 3.9% of total advances at standalone and consolidated level, respectively, as of December 31, 2022, despite having improved significantly over last two years. REC is also exposed to risks arising from fluctuations in foreign exchange rates, given the sizeable foreign currency denominated borrowings, nonetheless, REC has been actively focused on hedging its foreign currency borrowings, the risk is mitigated to

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some degree with 92% of foreign exchange borrowings with residual maturity of up to 5 years fully hedged as on December 31, 2022 compared to 62% till March 31, 2021.

ICRA believes that prudent capitalisation is a key mitigant against the risks arising out of the sectoral and credit concentration. In this context, cognizance has been taken of the various government schemes with PFC and REC as lending partners. The impact on the capitalisation ratios has been cushioned by the lower risk weight applicable to the exposures backed by state government guarantees. Based on discussions with the managements and stakeholders of both entities, including the principal shareholder, ICRA understands that PFC and REC remain important vehicles for the implementation of the Gol's various power sector schemes. Moreover, support will be forthcoming from the Gol if needed. Support to REC, if required, will be extended by the Gol through PFC. Thus, the Stable outlook reflects ICRA's expectation that REC, along with PFC, will remain strategically important to the Gol and will continue to play a major role in various power sector schemes of the Government. Consequently, REC and PFC are likely to retain a dominant position in power sector financing while maintaining an adequate profitability, borrowing and capitalisation profile.

### Key rating drivers and their description

# **Credit strengths**

Majority ownership by GoI and importance, given the role played in implementing various GoI schemes and dominant position in power sector financing — As nodal agencies for implementing various GoI schemes aimed at developing the country's power sector (such as Revamped Distribution Sector Scheme (RDSS), Sahaj Har Ghar Bijli Yojana (Saubhagya), Deendayal Upadhyay Gram Jyoti Yojana (DDUGJY), REC remains strategically important to the GoI for achieving its objective of augmenting the power capacity across the country.

REC has maintained a dominant position in power sector financing with a large share of funding to state power utilities. At the same time, with PFC and REC being a part of the same group, sustained challenges in incremental fund-raising owing to the group exposure limits of lenders will remain a monitorable.

Good financial flexibility and resource profile – The group enjoys good financial flexibility, given its sovereign ownership, which augurs well for raising long-term funding from both domestic and international financial institutions at competitive rates. Given the Gol's support, REC has been able to raise funds at competitive rates. Precedents, wherein it received approval from the Gol to raise tax-free and 54EC low-cost capital gain bonds, provide comfort with respect to its financial flexibility, ability to raise low-cost funds, and maintain a diversified borrowing profile. The funding mix remains adequately diversified and includes long term market instruments, foreign currency borrowings, Banks and Fls. Over the past few years REC has significantly increased the share of hedged foreign currency borrowing with residual maturity of up to 5 years (92% as on December 31, 2022 as compared to 62% as on March 31, 2021).

Established track record of healthy profitability – On a consolidated basis, more than commensurate decline in cost of funds as compared to the decline in yields and decline in gearing resulted in improvement in net interest margins (NIMs) to 3.5% in FY2022 as compared to 3.4% in FY2021. Notwithstanding the elevated levels (though declining) share of gross stage 3 assets resulting in credit costs/average total assets (ATA) 0.7% in FY2022 as compared to 0.8% in FY2021 on a consolidated basis. Given the wholesale nature of business, the operating expenses/ATA remained low at 0.1% in FY2022 (0.1% in FY2021) on a consolidated basis. Consolidated profitability remains healthy with return on average assets (RoA) and return on equity (RoE) of 2.3% and 21%, respectively, in FY2022 compared to 2.1% and 21%, respectively, in FY2021.

On standalone basis, RECs profitability also remains healthy with a RoA and RoE of 2.4% and 21%, respectively, in FY2022 compared to 2.2% and 21%, respectively, in FY2021. At the standalone level, REC's three-year average RoA and RoE for FY2019-FY2022 stood at 2.0% and 19%, respectively. Further, profitability remained strong in 9MFY2023 with RoA and RoE of 2.5% and 20% respectively for REC on standalone basis.



### **Credit challenges**

High concentration risk and portfolio vulnerability – REC and PFC's exposure to a single sector (i.e. power), large ticket size of loans, high concentration of exposure towards financially weak state power utilities and the vulnerability of its exposure to private sector borrowers increase the portfolio vulnerability. The independent power producer (IPP) portfolio remains impacted by concerns regarding fuel availability, disputed and competitive power sale tariffs, absence of power purchase agreements (PPAs), environmental clearance and land acquisition issues.

ICRA takes note of the improvement in the gross stage 3 assets to 3.9% and 3.6% on consolidated and standalone basis, respectively, as on December 31, 2022, improved from 5.2% and 4.8% on consolidated and standalone basis, respectively, as on March 31, 2022 on account of resolution of some large accounts and limited slippages in 9MFY2023. With provision cover of ~71%, the net stage 3 assets as of December 31, 2022 improved to 1.2% and 1.1% of total advances, respectively, at consolidated and standalone level (1.7% on March 31, 2022). As on December 31, 2022, about 31% of the consolidated private sector book is recognised as a part of the Stage III assets on which the company has made sizeable provisions of 69%. ICRA, however, believes that any incremental stress in the loan book is likely to be restricted to the private sector book, wherein most of the stressed loans are already in stage 3. Going forward, the Group's ability to grow its loan book, while controlling the credit costs and maintaining the profitability, would be imperative.

**Moderate capitalisation** – In the past, the acquisition of REC by PFC impacted the Group's consolidated capitalisation. While a considerable recovery has been witnessed since then, nonetheless leverage remains moderate with a consolidated gearing of about 6.6x as on September 30, 2022. Comparatively, REC's capitalisation as of December 31, 2022 was, characterised by a CRAR of 25.0%. ICRA believes that prudent capitalisation is a key mitigant against the risks arising out of the sectoral and credit concentration. In this context, cognizance has been taken of the various government schemes with PFC and REC as lending partners. The impact on the capitalisation ratios will be cushioned by the lower risk weight applicable to the exposures backed by state government guarantees.

#### **Environmental and social risks**

Given the service-oriented business, REC does not face material physical climate risks, they are exposed to environmental risks indirectly through their portfolio of assets. If the entities or businesses on whom REC has an exposure faces business disruption because of physical climate adversities, or if such businesses face climate transition risks because of technological, regulatory, or customer behaviour changes, it could translate into credit risks for REC. However, such risk is mitigated for REC through adequate portfolio diversification. With regard to social risks, data security and customer privacy are among the key sources of vulnerabilities for lending institutions as any material lapses could be detrimental to the reputation and invite regulatory censure. Given the nature of business, REC' exposure to social risks is limited.

### **Liquidity position: Adequate**

As of September 30, 2022, REC's ALM profile is typically characterised by sizeable cumulative negative mismatches in the up to one-year buckets, given the relatively long tenure of the loans extended by it. As on September 30, 2022, the company's ALM reflected debt obligations of about Rs. 72,755 crore for the 12-month period ending September 30, 2023, against which its scheduled inflows from advances were Rs. 78,707 crore. Any gaps between outflows and inflows are partially bridged through cash & investment in government securities (Rs. 5,884 crore as of September 30, 2022) and sizeable unutilised bank lines. Nevertheless, the healthy financial flexibility, supported by the sovereign ownership and ability to raise funds at short notice, provides comfort.

### Rating sensitivities

Positive factors – Not applicable

**Negative factors** – ICRA could change the rating outlook to Negative or downgrade the ratings on a change in ownership and/or a change in REC's strategic role or importance to the Gol. The ratings would also be revised if there is any change in the credit



profile of REC's parent i.e. PFC. A deterioration in the consolidated solvency (Net Stage III/Tier I Capital), to a level above 40% on a sustained basis, will be a negative for the credit profile.

### **Analytical approach**

| Analytical Approach                | Comments                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
|------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Applicable Rating<br>Methodologies | ICRA's Credit Rating Methodology for Non-Banking Finance Companies  Rating Approach - Implicit parent or group support  Rating Approach - Consolidation                                                                                                                                                                                                                                                                                                                                                                                               |
| Parent/Group Support               | While arriving at the ratings, ICRA has taken a consolidated view of the credit profiles of PFC and REC as REC is a subsidiary of PFC and both entities are in a similar line of business with strategic importance to the GoI and overlapping clientele. The ratings derive strength from the strategic importance of PFC and REC to the GoI and their role as nodal agencies for various power sector schemes of the Government, and likely support from the GoI, if required. The GoI ownership supports the financial flexibility of PFC and REC. |
| Consolidation/Standalone           | Consolidation                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |

### **About the company**

REC Limited, incorporated in 1969, is a non-banking financial company (NBFC) with infrastructure finance company status. It is majority owned by Power Finance Corporation Ltd. (53% as of December 31, 2022), which, in turn, is majority owned by the Government of India (56% as of December 31, 2022).

REC's main objective is to finance and promote power sector projects across the country. While the initial mandate was to finance village electrification, pump-set energising and transmission and distribution projects, the mandate was extended in FY2003 to cover IPPs and power generation projects larger than 25 MW. REC provides loans to various state power utilities, private sector project developers, Central power sector utilities and state governments for investment in power generation, transmission, distribution and other system improvement schemes/initiatives. While its corporate office is in New Delhi, the company has 18 project offices and three sub-offices, located in most states in the country.

REC reported a PAT of Rs. 10,046 crore in FY2022 against PAT of Rs. 8,362 crore in FY2021. Subsequently, in 9MFY2023, it has achieved a PAT of Rs. 8,054 crore. As of December 31, 2022, its reported capital adequacy was 25.0% with Tier 1 of 22.0%, and it had a total loan book of Rs. 411,148 crore.

### **Key financial indicators – REC (Audited)**

| Amounts in Rs. Crore          | FY2020  | FY2021  | FY2022  | H1FY2023 |
|-------------------------------|---------|---------|---------|----------|
| PAT                           | 4,886   | 8,362   | 10,046  | 5,176    |
| Net worth                     | 35,077  | 43,426  | 50,986  | 53,457   |
| Loan book                     | 322,425 | 377,418 | 386,635 | 396,298  |
| CRAR (%)                      | 16.1%   | 19.7%   | 23.6%   | 25%      |
| Tier I (%)                    | 13.2%   | 16.3%   | 19.6%   | 22%      |
| Gearing (ex. Gol FSBs; times) | 8.0     | 7.4     | 6.5     | 6.4      |
| Return on net worth (%)       | 14%     | 21%     | 21%     | 20%      |
| Gross stage 3 (%)             | 6.6%    | 4.8%    | 4.8%    | 3.6%     |
| Net stage 3 (%)               | 3.4%    | 1.7%    | 1.7%    | 1.1%     |
| Net stage 3/Net Worth         | 31%     | 15%     | 12.7%   | 18.4%    |
| Net stage 3/NOF^              | 34%     | 19%     | 13%     | 8%       |

Source: Financial statements of REC; Amounts in Rs. Crore; A Reported basis – Not adjusted for reserve available in the form of reserve for bad & doubtful debt



### **Power Finance Corporation Limited**

PFC, incorporated in 1986, is a non-banking financial company (NBFC) with infrastructure finance company status. It was set up by the Government of India (GoI) as a specialised financial institution to fund projects in the domestic power sector. The GoI held a 56% stake in the company as on December 31, 2022.

PFC provides loans for a range of power sector activities including generation, distribution, transmission, and plant renovation and maintenance. It finances state sector entities including generating and distribution companies as well as IPPs. PFC is also the nodal agency for the Revamped Distribution Sector Scheme (RDSS) & Integrated Power Development (IPD) Scheme and the bid process coordinator for the Independent Transmission Projects (ITP) Scheme.

PFC is the promoter and holding company of REC Limited. In March 2019, it acquired 103.94-crore equity shares of REC from the President of India constituting 52.63% of the paid-up share capital of REC.

PFC, on a standalone basis, reported a profit after tax (PAT) of Rs. 10,022 crore in FY2022 compared to PAT of Rs. 8,444 crore in FY2021. Subsequently, in H1 FY2023, it has reported a PAT of Rs. 5,108 crore. As of September 30, 2022, its reported capital adequacy at standalone level was 24.3% and it had a total loan book of Rs. 376,696 crore (Rs. 373,135 crore as of March 31, 2022).

At the consolidated level, PFC achieved a PAT of Rs. 18,768 crore in FY2022 compared to PAT of Rs. 15,716 crore in FY2021. Subsequently, in H1 FY2023, it has reported a PAT of Rs. 9.809 crore. As of September 30, 2022, it had a total loan book of Rs. 771,128 crore (Rs. 758,506 crore as on March 31, 2022).

### **Key financial indicators – PFC (Audited)**

| Amounts in Rs. crore          |          | Consolidated |         |             |  |  |  |  |
|-------------------------------|----------|--------------|---------|-------------|--|--|--|--|
| Amounts in ks. crore          | FY2020   | FY2021       | FY2022  | 6M FY2023   |  |  |  |  |
|                               | Audited  | Audited      | Audited | Provisional |  |  |  |  |
| PAT                           | 9,477    | 15,716       | 18,768  | 9,809       |  |  |  |  |
| Net worth                     | 66,165   | 81,790       | 96,275  | 102,280     |  |  |  |  |
| Loan book                     | 6,67,330 | 7,48,190     | 758,506 | 771,128     |  |  |  |  |
| CRAR (%)                      |          |              |         |             |  |  |  |  |
| Tier I (%)                    |          |              |         |             |  |  |  |  |
| Gearing (ex. Gol FSBs; times) | 9.0      | 8.1          | 6.9     | 6.6         |  |  |  |  |
| Return on net worth (%)       | 15%      | 21%          | 21%     | 20%         |  |  |  |  |
| Gross stage 3 (%)             | 7.4%     | 5.3%         | 5.2%    | 4.4%        |  |  |  |  |
| Net stage 3 (%)               | 3.7%     | 1.9%         | 1.8%    | 1.3%        |  |  |  |  |
| Net stage 3/Net Worth         | 36%      | 17%          | 14%     | 10%         |  |  |  |  |
| Net stage 3/NOF^              | 44%      | 20%          | 14%     | 10%         |  |  |  |  |

**Source:** Financial statements of PFC and REC; Amounts in Rs. Crore; ^ Reported basis – Not adjusted for reserve available in the form of reserve for bad & doubtful debt

Status of non-cooperation with previous CRA: Not applicable

Any other information: None



# Rating history for past three years

|    |                                                               |       | Current Rating (FY2023) |                     |                                     | Rating History for the Past 3 Years |                                 |                                 |                       |                       |                       |                        |                       |
|----|---------------------------------------------------------------|-------|-------------------------|---------------------|-------------------------------------|-------------------------------------|---------------------------------|---------------------------------|-----------------------|-----------------------|-----------------------|------------------------|-----------------------|
|    | Instrument                                                    | T     | Amount                  | Amount<br>Outstandi | Date and rating in                  | Date a ratir                        | ng in FY2022                    | Date and rat                    | ting in FY2021        |                       | Date and rat          | ing in FY2019          |                       |
|    |                                                               | Туре  | Rated<br>(Rs. crore)    | ng (Rs.<br>crore)   | Feb-27-23                           | Mar-31-22                           | Apr-1-21                        | Jun-5-20                        | Apr-1-20              | Mar-28-19             | Mar-7-19              | Feb-25-19<br>Dec-12-18 | Oct-3-18<br>Apr-2-18  |
| 1  | LT borrowing programme FY2023                                 | LT    | 23,000                  | 6,729.98            | [ICRA]AAA<br>(Stable)               | -                                   | -                               | -                               | -                     | -                     | -                     | -                      | -                     |
| 2  | LT borrowing programme FY2023                                 | LT    | 75,000                  | 75,000              | [ICRA]AAA<br>(Stable)               | [ICRA]AAA<br>(Stable)               | -                               | -                               | -                     | -                     | -                     | -                      | -                     |
| 3  | ST borrowing programme                                        | LT    | 5,000                   | 1,250.00            | [ICRA]A1+                           | [ICRA]A1+                           | -                               | -                               | -                     | -                     | -                     | -                      | -                     |
| 4  | Commercial Paper                                              | ST    | 5,000                   | -                   | [ICRA]A1+                           | [ICRA]A1+                           | -                               | -                               | -                     | -                     | -                     | -                      | -                     |
| 5  | Long Term / Short<br>Term-Fund Based/Non<br>Fund Based limits | LT/ST | 15,005                  | 9,010               | [ICRA]AAA<br>(Stable)<br>/[ICRA]A1+ | [ICRA]AAA<br>(Stable)<br>/[ICRA]A1+ | -                               | -                               | -                     | -                     | -                     | -                      | -                     |
| 6  | LT borrowing programme FY2022                                 | LT    | 1,00,000                | 58,331.44           | [ICRA]AAA<br>(Stable)               | [ICRA]AAA<br>(Stable)               | [ICRA]AAA<br>(Stable)           | -                               | -                     | -                     | -                     | -                      | -                     |
| 7  | ST borrowing programme FY2022                                 | ST    | 10,000                  | -                   | [ICRA]A1+                           | [ICRA]A1+                           | [ICRA]A1+                       | -                               | -                     | -                     | -                     | -                      | -                     |
| 8  | LT borrowing programme FY2021                                 | LT    | 1,00,000                | 84,083.06           | [ICRA]AAA<br>(Stable)               | [ICRA]AAA<br>(Stable)               | [ICRA]AAA<br>(Stable)           | [ICRA]AAA<br>(Stable)           | [ICRA]AAA<br>(Stable) | -                     | -                     | -                      | -                     |
| 9  | ST borrowing programme FY2021                                 | ST    | 10,000                  | -                   | [ICRA]A1+                           | [ICRA]A1+                           | [ICRA]A1+                       | [ICRA]A1+                       | [ICRA]A1+             | -                     | -                     | -                      | -                     |
| 10 | LT borrowing programme FY2020                                 | LT    | 76,350                  | 52,635.83           | [ICRA]AAA<br>(Stable)               | [ICRA]AAA<br>(Stable)               | [ICRA]AAA<br>(Stable)           | [ICRA]AAA<br>(Stable)           | [ICRA]AAA<br>(Stable) | [ICRA]AAA<br>(Stable) | -                     | -                      | -                     |
| 11 | LT borrowing programmes of earlier years                      | LT    | 112,409.71              | 107,717.80          | [ICRA]AAA<br>(Stable)               | [ICRA]AAA<br>(Stable)               | [ICRA]AAA<br>(Stable)           | [ICRA]AAA<br>(Stable)           | [ICRA]AAA<br>(Stable) | [ICRA]AAA<br>(Stable) | [ICRA]AAA<br>&        | [ICRA]AAA<br>&         | [ICRA]AAA<br>(Stable) |
| 12 | Gol FSBs                                                      | LT    | 15,000                  | 7,232.30            | [ICRA]AAA<br>(Stable)               | [ICRA]AAA<br>(Stable)               | [ICRA]AAA<br>(Stable)           | [ICRA]AAA<br>(Stable)           | [ICRA]AAA<br>(Stable) | [ICRA]AAA<br>(Stable) | [ICRA]AAA<br>(Stable) | -                      | -                     |
| 13 | LT-Market Linked<br>Debenture                                 | LT    | 1,000                   | 500.00              | PP-MLD<br>[ICRA]AAA<br>(Stable)     | PP-MLD<br>[ICRA]AAA<br>(Stable)     | PP-MLD<br>[ICRA]AAA<br>(Stable) | PP-MLD<br>[ICRA]AAA<br>(Stable) | -                     | -                     | -                     | -                      | -                     |

**Source:** ICRA research; Note: LT: Long term, ST: Short term, Long-term/short-term borrowing programmes include bonds, commercial papers, bank lines and other instruments; & Under Rating Watch with Developing Implications; Outstanding as on February 21, 2023



# Complexity level of the rated instrument

| Instrument                                              | Complexity Indicator |
|---------------------------------------------------------|----------------------|
| Long-term borrowing programme                           | Simple               |
| Short-term borrowing programme                          | Simple               |
| LT-Market Linked Debenture                              | Complex              |
| Gol fully serviced bonds                                | Simple               |
| Commercial Paper                                        | Simple               |
| Long Term / Short Term-Fund Based/Non Fund Based limits | 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, is available on ICRA's website: Click Here



Annexure I: Instrument details as on February 21, 2023

| ISIN                         | Instrument | Date of Issuance / | Coupon | Maturity                            | Amount                     | Current Rating     |
|------------------------------|------------|--------------------|--------|-------------------------------------|----------------------------|--------------------|
|                              | Name       | Sanction           | Rate   | watarity                            | Rated                      | and Outlook        |
| INE020B07KU2                 | CG Bonds   | 30-Apr-18          | 5.75%  | 30-Apr-23                           | 278.47                     | [ICRA]AAA (Stable) |
| INE020B07KV0                 | CG Bonds   | 31-May-18          | 5.75%  | 31-May-23                           | 438.29                     | [ICRA]AAA (Stable) |
| INE020B07KW8                 | CG Bonds   | 30-Jun-18          | 5.75%  | 30-Jun-23                           | 504.74                     | [ICRA]AAA (Stable) |
| INE020B07KX6                 | CG Bonds   | 31-Jul-18          | 5.75%  | 31-Jul-23                           | 683.92                     | [ICRA]AAA (Stable) |
| INE020B07KY4                 | CG Bonds   | 31-Aug-18          | 5.75%  | 31-Aug-23                           | 499.33                     | [ICRA]AAA (Stable) |
| INE020B07KZ1                 | CG Bonds   | 30-Sep-18          | 5.75%  | 30-Sep-23                           | 493.84                     | [ICRA]AAA (Stable) |
| INE020B07LA2                 | CG Bonds   | 31-Oct-18          | 5.75%  | 31-Oct-23                           | 507.79                     | [ICRA]AAA (Stable) |
| INE020B07LB0                 | CG Bonds   | 30-Nov-18          | 5.75%  | 30-Nov-23                           | 480.95                     | [ICRA]AAA (Stable) |
| INE020B07LC8                 | CG Bonds   | 31-Dec-18          | 5.75%  | 31-Dec-23                           | 565.71                     | [ICRA]AAA (Stable) |
| INE020B07LD6                 | CG Bonds   | 31-Jan-19          | 5.75%  | 31-Jan-24                           | 549.95                     | [ICRA]AAA (Stable) |
| INE020B07LE4                 | CG Bonds   | 28-Feb-19          | 5.75%  | 28-Feb-24                           | 569.95                     | [ICRA]AAA (Stable) |
| INE020B07LF1                 | CG Bonds   | 31-Mar-19          | 5.75%  | 31-Mar-24                           | 1,078.38                   | [ICRA]AAA (Stable) |
| INE020B07LG9                 | CG Bonds   | 30-Apr-19          | 5.75%  | 30-Apr-24                           | 391.12                     | [ICRA]AAA (Stable) |
| INE020B07LH7                 | CG Bonds   | 31-May-19          | 5.75%  | 31-May-24                           | 459.10                     | [ICRA]AAA (Stable) |
| INE020B07LI5                 | CG Bonds   | 30-Jun-19          | 5.75%  | 30-Jun-24                           | 413.49                     | [ICRA]AAA (Stable) |
| INE020B07LJ3                 | CG Bonds   | 31-Jul-19          | 5.75%  | 31-Jul-24                           | 593.94                     | [ICRA]AAA (Stable) |
| INE020B07LK1                 | CG Bonds   | 31-Aug-19          | 5.75%  | 31-Aug-24                           | 500.25                     | [ICRA]AAA (Stable) |
| INE020B07LL9                 | CG Bonds   | 30-Sep-19          | 5.75%  | 30-Sep-24                           | 497.55                     | [ICRA]AAA (Stable) |
| INE020B07LM7                 | CG Bonds   | 31-Oct-19          | 5.75%  | 31-Oct-24                           | 518.40                     | [ICRA]AAA (Stable) |
| INE020B07LN5                 | CG Bonds   | 30-Nov-19          | 5.75%  | 30-Nov-24                           | 552.73                     | [ICRA]AAA (Stable) |
| INE020B07LO3                 | CG Bonds   | 31-Dec-19          | 5.75%  | 31-Dec-24                           | 526.54                     | [ICRA]AAA (Stable) |
| INE020B07LP0                 | CG Bonds   | 31-Jan-20          | 5.75%  | 31-Jan-25                           | 481.06                     | [ICRA]AAA (Stable) |
| INE020B07LQ8                 | CG Bonds   | 28-Feb-20          | 5.75%  | 28-Feb-25                           | 540.11                     | [ICRA]AAA (Stable) |
| INE020B07LR6                 | CG Bonds   | 31-Mar-20          | 5.75%  | 31-Mar-25                           | 683.55                     | [ICRA]AAA (Stable) |
| INE020B07LS4                 | CG Bonds   | 30-Apr-20          | 5.75%  | 30-Apr-25                           | 52.58                      | [ICRA]AAA (Stable) |
| INE020B07LT2                 | CG Bonds   | 31-May-20          | 5.75%  | 31-May-25                           | 206.41                     | [ICRA]AAA (Stable) |
| INE020B07LU0                 | CG Bonds   | 30-Jun-20          | 5.75%  | 30-Jun-25                           | 579.60                     | [ICRA]AAA (Stable) |
| INE020B07LV8                 | CG Bonds   | 31-Jul-20          | 5.75%  | 31-Jul-25                           | 440.46                     | [ICRA]AAA (Stable) |
| INE020B07LW6                 | CG Bonds   | 31-Aug-20          | 5.00%  | 31-Aug-25                           | 229.98                     | [ICRA]AAA (Stable) |
| INE020B07LX4                 | CG Bonds   | 30-Sep-20          | 5.00%  | 30-Sep-25                           | 353.23                     | [ICRA]AAA (Stable) |
| INE020B07LY2                 | CG Bonds   | 31-Oct-20          | 5.00%  | 31-Oct-25                           | 290.28                     | [ICRA]AAA (Stable) |
| INE020B07LZ9                 | CG Bonds   | 30-Nov-20          | 5.00%  | 30-Nov-25                           | 330.11                     | [ICRA]AAA (Stable) |
| INE020B07MA0                 | CG Bonds   | 31-Dec-20          | 5.00%  | 31-Dec-25                           | 543.64                     | [ICRA]AAA (Stable) |
| INE020B07MB8                 | CG Bonds   | 31-Jan-21          | 5.00%  | 31-Jan-26                           | 509.48                     | [ICRA]AAA (Stable) |
| INE020B07MC6                 | CG Bonds   | 28-Feb-21          | 5.00%  | 28-Feb-26                           | 562.04                     | [ICRA]AAA (Stable) |
| INE020B07MD4                 | CG Bonds   | 31-Mar-21          | 5.00%  | 31-Mar-26                           | 1,214.28                   | [ICRA]AAA (Stable) |
| INE020B07ME2                 | CG Bonds   | 30-Apr-21          | 5.00%  | 30-Apr-26                           | 435.04                     | [ICRA]AAA (Stable) |
| INE020B07MF9                 | CG Bonds   | 31-May-21          | 5.00%  | 31-May-26                           | 337.12                     | [ICRA]AAA (Stable) |
| INE020B07MG7                 | CG Bonds   | 30-Jun-21          | 5.00%  | 30-Jun-26                           | 507.90                     | [ICRA]AAA (Stable) |
| INE020B07MH5                 | CG Bonds   | 31-Jul-21          | 5.00%  | 31-Jul-26                           | 603.53                     | [ICRA]AAA (Stable) |
| INE020B07MI3                 | CG Bonds   | 31-Aug-21          | 5.00%  | 31-Aug-26                           | 500.76                     | [ICRA]AAA (Stable) |
| INE020B07MJ1                 | CG Bonds   | 30-Sep-21          | 5.00%  | 30-Sep-26                           | 717.65                     | [ICRA]AAA (Stable) |
| INE020B07MK9                 | CG Bonds   | 31-Oct-21          | 5.00%  | 31-Oct-26                           | 489.57                     | [ICRA]AAA (Stable) |
| INE020B07ML7                 | CG Bonds   | 30-Nov-21          | 5.00%  | 30-Nov-26                           | 485.27                     | [ICRA]AAA (Stable) |
| INE020B07MM5                 | CG Bonds   | 31-Dec-21          | 5.00%  | 31-Dec-26                           | 724.90                     | [ICRA]AAA (Stable) |
| INE020B07MN3                 | CG Bonds   | 31-Jan-22          | 5.00%  | 31-Jan-27                           | 585.52                     | [ICRA]AAA (Stable) |
| INE020B07MO1                 | CG Bonds   | 28-Feb-22          | 5.00%  | 28-Feb-27                           | 655.28                     | [ICRA]AAA (Stable) |
|                              |            | 31-Mar-22          | 5.00%  | 31-Mar-27                           | 1,270.25                   | [ICRA]AAA (Stable) |
|                              | CG Bonds   |                    |        | J 11/41 2/                          | -,-, 0.20                  | [                  |
| INE020B07MP8                 | CG Bonds   |                    |        | 30-Anr-27                           | 797 29                     |                    |
| INE020B07MP8<br>INE020B07MQ6 | CG Bonds   | 30-Apr-22          | 5.00%  | 30-Apr-27                           | 797.29<br>942.45           | [ICRA]AAA (Stable) |
| INE020B07MP8                 |            |                    |        | 30-Apr-27<br>31-May-27<br>30-Jun-27 | 797.29<br>942.45<br>929.85 |                    |



|                               | Instrument                  | Date of                | Coupon |                        | Amount               | Current Rating                           |  |
|-------------------------------|-----------------------------|------------------------|--------|------------------------|----------------------|------------------------------------------|--|
| ISIN                          | Name                        | Issuance /<br>Sanction | Rate   | Maturity               | Rated                | and Outlook                              |  |
| INE020B07MU8                  | CG Bonds                    | 31-Aug-22              | 5.00%  | 31-Aug-27              | 699.08               | [ICRA]AAA (Stable)                       |  |
| INE020B07MV6                  | CG Bonds                    | 30-Sep-22              | 5.00%  | 30-Sep-27              | 1,023.08             | [ICRA]AAA (Stable)                       |  |
| INE020B07MW4                  | CG Bonds                    | 31-Oct-22              | 5.00%  | 31-Oct-27              | 815.49               | [ICRA]AAA (Stable)                       |  |
| INE020B07MX2                  | CG Bonds                    | 30-Nov-22              | 5.00%  | 30-Nov-27              | 953.40               | [ICRA]AAA (Stable)                       |  |
| INE020B07MY0                  | CG Bonds                    | 31-Dec-22              | 5.00%  | 31-Dec-27              | 1,034.86             | [ICRA]AAA (Stable)                       |  |
| INE020B07MZ7                  | CG Bonds                    | 31-Jan-23              | 5.00%  | 31-Jan-28              | 814.24               | [ICRA]AAA (Stable)                       |  |
| INE020B08BL8                  | Gol FSB                     | 8-Mar-19               | 8.60%  | 8-Mar-29               | 1,200.00             | [ICRA]AAA (Stable)                       |  |
| INE020B08BO2                  | Gol FSB                     | 25-Mar-19              | 8.30%  | 25-Mar-29              | 4,000.00             | [ICRA]AAA (Stable)                       |  |
| INE020B08CO0                  | Gol FSB                     | 2-Mar-20               | 7.14%  | 2-Mar-30               | 1,500.00             | [ICRA]AAA (Stable)                       |  |
| INE020B08CR3                  | Gol FSB                     | 26-Mar-20              | 8.25%  | 26-Mar-30              | 532.30               | [ICRA]AAA (Stable)                       |  |
| INE020B08AX5                  | Gol FSB^                    | 21-Mar-18              | 8.09%  | 21-Mar-28              | 1,837.00             | [ICRA]AAA (Stable)                       |  |
| INE020B08AY3                  | Gol FSB <sup>^</sup>        | 26-Mar-18              | 8.01%  | 24-Mar-28              | 1,410.00             | [ICRA]AAA (Stable)                       |  |
| INE020B08AZ0                  | Gol FSB <sup>^</sup>        | 27-Mar-18              | 8.06%  | 27-Mar-28              | 753.00               | [ICRA]AAA (Stable)                       |  |
| INE020B08BC7                  | Gol FSB <sup>^</sup>        | 28-Sep-18              | 8.70%  | 28-Sep-28              | 3,000.00             | [ICRA]AAA (Stable)                       |  |
| INE020B08BE3                  | Gol FSB <sup>^</sup>        | 15-Nov-18              | 8.54%  | 15-Nov-28              | 3,600.00             | [ICRA]AAA (Stable)                       |  |
| INE020B08BJ2                  | Gol FSB <sup>^</sup>        | 22-Jan-19              | 8.80%  | 22-Jan-29              | 2,027.00             | [ICRA]AAA (Stable)                       |  |
| INE020B08B32                  | Infra Bonds                 | 15-Feb-12              | 9.15%  | 15-Feb-27              | 1.13                 | [ICRA]AAA (Stable)                       |  |
| INE020B08732                  | Infra Bonds                 | 15-Feb-12              | 9.15%  | 15-Feb-27              | 2.83                 | [ICRA]AAA (Stable)                       |  |
| INE020B08724                  | Infra Bonds                 | 15-Feb-12              | 8.95%  | 15-Feb-27<br>15-Feb-22 | 5.73                 | [ICRA]AAA (Stable)                       |  |
| INE020B08708#                 | Infra Bonds                 | 15-Feb-12              | 8.95%  | 15-Feb-22              | 1.38                 | [ICRA]AAA (Stable)                       |  |
| INEU2UBU6/10#                 | IIII a BOIIus               | 13-760-12              | 0.95%  | 15-Feb-22              | 1.50                 |                                          |  |
| INE020B08CY9                  | LT-Market Linked Debenture  | 8-Jul-20               | 5.36%  | 30-Jun-23              | 500.00               | PP-MLD[ICRA]AAA<br>(Stable)              |  |
| INE020B08740#                 | Taxable Bonds               | 15-Jun-12              | 9.35%  | 15-Jun-22              | 2,378.20             | [ICRA]AAA (Stable)                       |  |
| INE020B08740#                 | Taxable Bonds               | 19-Nov-12              | 9.02%  | 19-Nov-22              | 2,211.20             | [ICRA]AAA (Stable)                       |  |
| INE020B08922 #                | Taxable Bonds               | 9-Mar-15               | 8.27%  | 9-Mar-22               | 700                  | [ICRA]AAA (Stable)                       |  |
| INE020B083E2 #                | Taxable Bonds               | 28-Feb-17              | 7.46%  | 28-Feb-22              | 625                  | [ICRA]AAA (Stable)                       |  |
| INE020B08AK2 #                | Taxable Bonds               | 7-Sep-17               | 7.40%  | 7-Sep-22               | 2,670.00             | [ICRA]AAA (Stable)                       |  |
| INE020B08AM8 #                | Taxable Bonds               | 17-Oct-17              | 7.09%  | 17-Oct-22              | 1,225.00             | [ICRA]AAA (Stable)                       |  |
| INE020B08AP1 #                | Taxable Bonds               | 30-Nov-17              | 7.45%  | 30-Nov-22              | 1,912.00             | [ICRA]AAA (Stable)                       |  |
| INE020B08AF1#                 | Taxable Bonds               | 22-Oct-18              | 8.83%  | 21-Jan-22              | 2,171.00             | [ICRA]AAA (Stable)                       |  |
| INE020B08BF0 #                | Taxable Bonds               | 22-Nov-18              | 8.45%  | 21-Jan-22<br>22-Mar-22 | 2,571.80             | [ICRA]AAA (Stable)                       |  |
| INE020B08BM6 #                | Taxable Bonds               | 13-Mar-19              | 8.35%  | 13-Mar-22              | 2,500.00             | [ICRA]AAA (Stable)                       |  |
| INE020B08BIVI0#               | Taxable Bonds               | 10-Jun-19              | 8.15%  | 10-Jun-22              | 1,000.00             | [ICRA]AAA (Stable)                       |  |
| INE020B08B11#                 | Taxable Bonds               | 26-Sep-19              | 7.55%  | 26-Sep-22              | 300                  | [ICRA]AAA (Stable)                       |  |
|                               |                             |                        | 7.09%  |                        |                      |                                          |  |
| INE020B08CD3 # INE020B08CE1 # | Taxable Bonds Taxable Bonds | 13-Nov-19<br>26-Nov-19 | _      | 13-Dec-22              | 2,769.00<br>2,500.00 | [ICRA]AAA (Stable)<br>[ICRA]AAA (Stable) |  |
|                               |                             | _                      | 6.90%  | 30-Jun-22              |                      |                                          |  |
| INE020B08CG6 #                | Taxable Bonds Taxable Bonds | 26-Dec-19              | 7.24%  | 31-Dec-22              | 2,090.00             | [ICRA]AAA (Stable)                       |  |
| INE020B08CV5 #                |                             | 21-May-20              | 6.60%  | 21-Mar-22              | 2,596.00             | [ICRA]AAA (Stable)                       |  |
| INE020B08427                  | Taxable Bonds               | 8-Jun-10               | 8.75%  | 9-Jun-25               | 1,250.00             | [ICRA]AAA (Stable)                       |  |
| INE020B08443                  | Taxable Bonds               | 12-Jul-10              | 8.75%  | 14-Jul-25              | 1,800.00             | [ICRA]AAA (Stable)                       |  |
| INE020B08831                  | Taxable Bonds               | 12-Apr-13              | 8.82%  | 12-Apr-23              | 4,300.00             | [ICRA]AAA (Stable)                       |  |
| INE020B08849                  | Taxable Bonds               | 31-May-13              | 8.06%  | 31-May-23              | 2,500.00             | [ICRA]AAA (Stable)                       |  |
| INE020B07IZ5                  | Taxable Bonds               | 25-Aug-14              | 9.34%  | 23-Aug-24              | 1,955.00             | [ICRA]AAA (Stable)                       |  |
| INE020B08880                  | Taxable Bonds               | 22-Dec-14              | 8.57%  | 21-Dec-24              | 2,250.00             | [ICRA]AAA (Stable)                       |  |
| INE020B08898                  | Taxable Bonds               | 23-Jan-15              | 8.23%  | 23-Jan-25              | 1,925.00             | [ICRA]AAA (Stable)                       |  |
| INE020B08906                  | Taxable Bonds               | 6-Feb-15               | 8.27%  | 6-Feb-25               | 2,325.00             | [ICRA]AAA (Stable)                       |  |
| INE020B08914                  | Taxable Bonds               | 23-Feb-15              | 8.35%  | 21-Feb-25              | 2,285.00             | [ICRA]AAA (Stable)                       |  |
| INE020B08930                  | Taxable Bonds               | 10-Apr-15              | 8.30%  | 10-Apr-25              | 2,396.00             | [ICRA]AAA (Stable)                       |  |
| INE020B08963                  | Taxable Bonds               | 7-Oct-15               | 8.11%  | 7-Oct-25               | 2,585.00             | [ICRA]AAA (Stable)                       |  |
| INE020B08AA3                  | Taxable Bonds               | 7-Nov-16               | 7.52%  | 7-Nov-26               | 2,100.00             | [ICRA]AAA (Stable)                       |  |
| INE020B08AC9                  | Taxable Bonds               | 30-Dec-16              | 7.54%  | 30-Dec-26              | 3,000.00             | [ICRA]AAA (Stable)                       |  |
| INE020B08AH8                  | Taxable Bonds               | 14-Mar-17              | 7.95%  | 12-Mar-27              | 2,745.00             | [ICRA]AAA (Stable)                       |  |
| INE020B08AQ9                  | Taxable Bonds               | 12-Dec-17              | 7.70%  | 10-Dec-27              | 3,533.00             | [ICRA]AAA (Stable)                       |  |
| INE020B08AT3                  | Taxable Bonds               | 23-Feb-18              | 7.99%  | 23-Feb-23              | 950.00               | [ICRA]AAA (Stable)                       |  |



|                | Instrument    | Date of                | Coupon                                     |                        | Amount   | Current Rating     |
|----------------|---------------|------------------------|--------------------------------------------|------------------------|----------|--------------------|
| ISIN           | Name          | Issuance /<br>Sanction | Rate                                       | Maturity               | Rated    | and Outlook        |
| INE020B08BA1   | Taxable Bonds | 9-Aug-18               | 8.55%                                      | 9-Aug-28               | 2,500.00 | [ICRA]AAA (Stable) |
| INE020B08BB9   | Taxable Bonds | 27-Aug-18              | 8.63%                                      | 25-Aug-28              | 2,500.00 | [ICRA]AAA (Stable) |
| INE020B08BG8   | Taxable Bonds | 29-Nov-18              | 8.56%                                      | 29-Nov-28              | 2,552.40 | [ICRA]AAA (Stable) |
| INE020B08BH6   | Taxable Bonds | 7-Dec-18               | 8.37%                                      | 7-Dec-28               | 2,554.00 | [ICRA]AAA (Stable) |
| INE020B08BP9   | Taxable Bonds | 28-Mar-19              | 8.97%                                      | 28-Mar-29              | 2,151.20 | [ICRA]AAA (Stable) |
| INE020B08BQ7   | Taxable Bonds | 16-Apr-19              | 8.85%                                      | 16-Apr-29              | 1,600.70 | [ICRA]AAA (Stable) |
| INE020B08BS3   | Taxable Bonds | 14-May-19              | 8.80%                                      | 14-May-29              | 1,097.00 | [ICRA]AAA (Stable) |
| INE020B08BV7   | Taxable Bonds | 25-Jun-19              | 8.10%                                      | 25-Jun-24              | 1,018.00 | [ICRA]AAA (Stable) |
| INE020B08BU9   | Taxable Bonds | 25-Jun-19              | 8.30%                                      | 25-Jun-29              | 2,070.90 | [ICRA]AAA (Stable) |
| INE020B08BW5   | Taxable Bonds | 22-Aug-19              | 8.18%                                      | 22-Aug-34              | 5,063.00 | [ICRA]AAA (Stable) |
| INE020B08BX3   | Taxable Bonds | 16-Sep-19              | 8.29%                                      | 16-Sep-34              | 3,028.00 | [ICRA]AAA (Stable) |
| INE020B08CC5   | Taxable Bonds | 26-Sep-19              | 7.55%                                      | 26-Sep-23              | 300.00   | [ICRA]AAA (Stable) |
| INE020B08DY7&  | Taxable Bonds | 26-Sep-19              | 8.25%                                      | 26-Sep-29              | 1,160.80 | [ICRA]AAA (Stable) |
| INE020B08CF8   | Taxable Bonds | 26-Nov-19              | 7.40%                                      | 26-Nov-24              | 1,500.00 | [ICRA]AAA (Stable) |
| INE020B08CH4   | Taxable Bonds | 8-Jan-20               | 7.12%                                      | 31-Mar-23              | 1,400.00 | [ICRA]AAA (Stable) |
| INE020B08CI2   | Taxable Bonds | 8-Jan-20               | 7.89%                                      | 31-Mar-30              | 1,100.00 | [ICRA]AAA (Stable) |
| INE020B08CJ0   | Taxable Bonds | 28-Jan-20              | 7.92%                                      | 31-Mar-30              | 3,054.90 | [ICRA]AAA (Stable) |
| INE020B08CK8   | Taxable Bonds | 10-Feb-20              | 6.88%                                      | 20-Mar-25              | 2,500.00 | [ICRA]AAA (Stable) |
| INE020B08CN2   | Taxable Bonds | 25-Feb-20              | 6.80%                                      | 30-Jun-23              | 1,100.00 | [ICRA]AAA (Stable) |
| INE020B08CM2   | Taxable Bonds | 25-Feb-20<br>25-Feb-20 | 6.99%                                      |                        |          | [ICRA]AAA (Stable) |
| INE020B08CIVI4 | Taxable Bonds | 6-Mar-20               | 7.50%                                      | 30-Sep-24<br>28-Feb-30 | 1,100.00 | [ICRA]AAA (Stable) |
|                |               |                        | _                                          |                        | 2,382.00 |                    |
| INE020B08CS1   | Taxable Bonds | 31-Mar-20              | 7.20%                                      | 31-Mar-30              | 1,750.00 | [ICRA]AAA (Stable) |
| INE020B08CT9   | Taxable Bonds | 22-Apr-20              | 6.92%                                      | 22-Apr-23              | 2,985.00 | [ICRA]AAA (Stable) |
| INE020B08CU7   | Taxable Bonds | 11-May-20              | 7.55%                                      | 11-May-30              | 3,740.00 | [ICRA]AAA (Stable) |
| INE020B08CW3   | Taxable Bonds | 21-May-20              | 7.79%                                      | 21-May-30              | 1,569.00 | [ICRA]AAA (Stable) |
| INE020B08CX1   | Taxable Bonds | 8-Jun-20               | 7.96%                                      | 15-Jun-30              | 1,999.50 | [ICRA]AAA (Stable) |
| INE020B08CZ6   | Taxable Bonds | 30-Jul-20              | 5.90%                                      | 31-Mar-25              | 900.00   | [ICRA]AAA (Stable) |
| INE020B08DA7   | Taxable Bonds | 30-Jul-20              | 6.90%                                      | 31-Mar-31              | 1,300.00 | [ICRA]AAA (Stable) |
| INE020B08DC3   | Taxable Bonds | 28-Aug-20              | 5.69%                                      | 30-Sep-23              | 2,474.00 | [ICRA]AAA (Stable) |
| INE020B08DB5   | Taxable Bonds | 28-Aug-20              | 7.25%                                      | 30-Sep-30              | 3,500.00 | [ICRA]AAA (Stable) |
| INE020B08DF6   | Taxable Bonds | 29-Oct-20              | 5.85%                                      | 20-Dec-25              | 2,777.00 | [ICRA]AAA (Stable) |
| INE020B08DE9   | Taxable Bonds | 29-Oct-20              | 6.80%                                      | 20-Dec-30              | 5,000.00 | [ICRA]AAA (Stable) |
| INE020B08DH2   | Taxable Bonds | 15-Dec-20              | 5.81%                                      | 31-Dec-25              | 2,082.00 | [ICRA]AAA (Stable) |
| INE020B08DG4   | Taxable Bonds | 15-Dec-20              | 6.90%                                      | 31-Jan-31              | 2,500.00 | [ICRA]AAA (Stable) |
| INE020B08DI0   | Taxable Bonds | 7-Jan-21               | 6.45%                                      | 7-Jan-31               | 1,000.00 | [ICRA]AAA (Stable) |
| INE020B08DJ8   | Taxable Bonds | 13-Jan-21              | 4.99%                                      | 31-Jan-24              | 2,135.00 | [ICRA]AAA (Stable) |
| INE020B08DK6   | Taxable Bonds | 13-Jan-21              | 5.94%                                      | 31-Jan-26              | 2,000.00 | [ICRA]AAA (Stable) |
| INE020B08DN0   | Taxable Bonds | 28-Jan-21              | 6.63%                                      | 28-Jan-31              | 1,000.00 | [ICRA]AAA (Stable) |
| INE020B08DM2   | Taxable Bonds | 28-Jan-21              | 7.02%                                      | 31-Jan-36              | 4,589.90 | [ICRA]AAA (Stable) |
| INE020B08D08   | Taxable Bonds | 12-Mar-21              | 7.40%                                      | 15-Mar-36              | 3,613.80 | [ICRA]AAA (Stable) |
| INE020B08DP5   | Taxable Bonds | 19-Mar-21              | 5.79%                                      | 20-Mar-24              | 1,550.00 | [ICRA]AAA (Stable) |
| INE020B08DQ3   | Taxable Bonds | 26-Mar-21              | 6.50%                                      | 26-Mar-31              | 500.00   | [ICRA]AAA (Stable) |
| INE020B08DR1   | Taxable Bonds | 22-Apr-21              | 5.74%                                      | 20-Jun-24              | 4,000.00 | [ICRA]AAA (Stable) |
| INE020B08DT7   | Taxable Bonds | 21-Oct-21              | 6.23%                                      | 31-Oct-31              | 1,200.00 | [ICRA]AAA (Stable) |
| INE020B08DU5   | Taxable Bonds | 18-Nov-21              | 4.19%<br>(Floater 3<br>M tbill +66<br>bps) | 31-Oct-24              | 2,500.00 | [ICRA]AAA (Stable) |
| INE020B08DV3   | Taxable Bonds | 15-Dec-21              | 6.92%                                      | 20-Mar-32              | 1,380.00 | [ICRA]AAA (Stable) |
| INE020B08DW1   | Taxable Bonds | 23-Sep-22              | 7.32%                                      | 28-Feb-26              | 500.00   | [ICRA]AAA (Stable) |
| INE020B08DX9   | Taxable Bonds | 23-Sep-22              | 7.50%                                      | 28-Feb-33              | 4,947.60 | [ICRA]AAA (Stable) |
| INE020B08DZ4   | Taxable Bonds | 25-Nov-22              | 7.65%                                      | 30-Nov-37              | 3,889.00 | [ICRA]AAA (Stable) |
| INE020B08D24   | Taxable Bonds | 25-Nov-22<br>2-Dec-22  | 7.55%                                      | 31-Mar-28              | 1,701.50 | [ICRA]AAA (Stable) |
| INE020B08EB3   | Taxable Bonds | 2-Dec-22               | 7.67%                                      | 30-Nov-37              | 2,000.00 | [ICRA]AAA (Stable) |



| ISIN          | Instrument<br>Name                         | Date of<br>Issuance /<br>Sanction | Coupon<br>Rate  | Maturity  | Amount<br>Rated | Current Rating and Outlook |
|---------------|--------------------------------------------|-----------------------------------|-----------------|-----------|-----------------|----------------------------|
| INE020B08EC1  | Taxable Bonds                              | 16-Dec-22                         | 7.53%           | 31-Mar-33 | 500.00          | [ICRA]AAA (Stable)         |
| INE020B08ED9  | Taxable Bonds                              | 12-Jan-23                         | 7.56%           | 30-Jun-26 | 3,000.00        | [ICRA]AAA (Stable)         |
| INE020B08EE7  | Taxable Bonds                              | 12-Jan-23                         | 7.69%           | 31-Jan-33 | 2,004.40        | [ICRA]AAA (Stable)         |
| INE020B08EF4  | Taxable Bonds                              | 2-Feb-23                          | 7.60%           | 28-Feb-26 | 3,148.70        | [ICRA]AAA (Stable)         |
| INE020B07GG9# | Tax Free Bonds                             | 27-Mar-12                         | 7.93%/8.13<br>% | 27-Mar-22 | 839.67          | [ICRA]AAA (Stable)         |
| INE020B07GU0# | Tax Free Bonds                             | 21-Nov-12                         | 7.21%           | 21-Nov-22 | 255.00          | [ICRA]AAA (Stable)         |
| INE020B07GW6# | Tax Free Bonds                             | 19-Dec-12                         | 7.22%/7.72<br>% | 19-Dec-22 | 1165.31         | [ICRA]AAA (Stable)         |
| INE020B07GH7  | Tax Free Bonds                             | 27-Mar-12                         | 8.12%           | 27-Mar-27 | 1,983.15        | [ICRA]AAA (Stable)         |
| INE020B07GH7  | Tax Free Bonds                             | 27-Mar-12                         | 8.32%           | 27-Mar-27 | 177.17          | [ICRA]AAA (Stable)         |
| INE020B07GV8  | Tax Free Bonds                             | 21-Nov-12                         | 7.38%           | 21-Nov-27 | 245.00          | [ICRA]AAA (Stable)         |
| INE020B07GX4  | Tax Free Bonds                             | 19-Dec-12                         | 7.38%           | 19-Dec-27 | 480.11          | [ICRA]AAA (Stable)         |
| INE020B07GX4  | Tax Free Bonds                             | 19-Dec-12                         | 7.88%           | 19-Dec-27 | 371.92          | [ICRA]AAA (Stable)         |
| INE020B07GZ9  | Tax Free Bonds                             | 25-Mar-13                         | 7.04%           | 25-Mar-28 | 12.58           | [ICRA]AAA (Stable)         |
| INE020B07GZ9  | Tax Free Bonds                             | 25-Mar-13                         | 7.54%           | 25-Mar-28 | 37.13           | [ICRA]AAA (Stable)         |
| INE020B07GY2  | Tax Free Bonds                             | 25-Mar-13                         | 6.88%           | 25-Mar-23 | 49.99           | [ICRA]AAA (Stable)         |
| INE020B07GY2  | Tax Free Bonds                             | 25-Mar-13                         | 7.38%           | 25-Mar-23 | 31.36           | [ICRA]AAA (Stable)         |
| INE020B07HM5  | Tax Free Bonds                             | 29-Aug-13                         | 8.01%           | 29-Aug-23 | 209.00          | [ICRA]AAA (Stable)         |
| INE020B07HN3  | Tax Free Bonds                             | 29-Aug-13                         | 8.46%           | 29-Aug-28 | 1,141.00        | [ICRA]AAA (Stable)         |
| INE020B07H01  | Tax Free Bonds                             | 24-Sep-13                         | 8.01%           | 24-Sep-23 | 245.54          | [ICRA]AAA (Stable)         |
| INE020B07HR4  | Tax Free Bonds                             | 24-Sep-13                         | 8.01%           | 24-Sep-23 | 35.45           | [ICRA]AAA (Stable)         |
| INE020B07HR4  | Tax Free Bonds                             | 24-Sep-13                         | 8.26%           | 24-Sep-23 | 294.07          | [ICRA]AAA (Stable)         |
| INE020B07HR4  | Tax Free Bonds                             |                                   | 8.46%           | 24-Sep-28 | 1,638.78        |                            |
| INE020B07HS2  | Tax Free Bonds                             | 24-Sep-13                         | 8.46%           |           | 210.86          | [ICRA]AAA (Stable)         |
|               |                                            | 24-Sep-13                         |                 | 24-Sep-28 |                 | [ICRA]AAA (Stable)         |
| INE020B07HS2  | Tax Free Bonds                             | 24-Sep-13                         | 8.71%           | 24-Sep-28 | 960.62          | [ICRA]AAA (Stable)         |
| INE020B07HQ6  | Tax Free Bonds                             | 24-Sep-13                         | 8.37%           | 24-Sep-33 | 13.66           | [ICRA]AAA (Stable)         |
| INE020B07HT0  | Tax Free Bonds                             | 24-Sep-13                         | 8.37%           | 24-Sep-33 | 4.48            | [ICRA]AAA (Stable)         |
| INE020B07HT0  | Tax Free Bonds                             | 24-Sep-13                         | 8.62%           | 24-Sep-33 | 37.15           | [ICRA]AAA (Stable)         |
| INE020B07HU8  | Tax Free Bonds                             | 11-Oct-13                         | 8.18%           | 11-Oct-23 | 105.00          | [ICRA]AAA (Stable)         |
| INE020B07HV6  | Tax Free Bonds                             | 11-Oct-13                         | 8.54%           | 11-Oct-28 | 45.00           | [ICRA]AAA (Stable)         |
| INE020B07IC4  | Tax Free Bonds                             | 24-Mar-14                         | 8.19%           | 24-Mar-24 | 289.25          | [ICRA]AAA (Stable)         |
| INE020B07IF7  | Tax Free Bonds                             | 24-Mar-14                         | 8.19%           | 24-Mar-24 | 7.06            | [ICRA]AAA (Stable)         |
| INE020B07IF7  | Tax Free Bonds                             | 24-Mar-14                         | 8.44%           | 24-Mar-24 | 123.00          | [ICRA]AAA (Stable)         |
| INE020B07ID2  | Tax Free Bonds                             | 24-Mar-14                         | 8.63%           | 24-Mar-29 | 237.88          | [ICRA]AAA (Stable)         |
| INE020B07ID2  | Tax Free Bonds                             | 24-Mar-14                         | 8.63%           | 24-Mar-29 | 29.96           | [ICRA]AAA (Stable)         |
| INE020B07IG5  | Tax Free Bonds                             | 24-Mar-14                         | 8.88%           | 24-Mar-29 | 262.59          | [ICRA]AAA (Stable)         |
| INE020B07IE0  | Tax Free Bonds                             | 24-Mar-14                         | 8.61%           | 24-Mar-34 | 24.63           | [ICRA]AAA (Stable)         |
| INE020B07IH3  | Tax Free Bonds                             | 24-Mar-14                         | 8.61%           | 24-Mar-34 | 6.37            | [ICRA]AAA (Stable)         |
| INE020B07IH3  | Tax Free Bonds                             | 24-Mar-14                         | 8.86%           | 24-Mar-34 | 78.66           | [ICRA]AAA (Stable)         |
| INE020B07JO7  | Tax Free Bonds                             | 23-Jul-15                         | 7.17%           | 23-Jul-25 | 300.00          | [ICRA]AAA (Stable)         |
| INE020B07JP4  | Tax Free Bonds                             | 5-Nov-15                          | 6.89%           | 5-Nov-25  | 51.25           | [ICRA]AAA (Stable)         |
| INE020B07JQ2  | Tax Free Bonds                             | 5-Nov-15                          | 6.89%           | 5-Nov-25  | 0.86            | [ICRA]AAA (Stable)         |
| INE020B07JQ2  | Tax Free Bonds                             | 5-Nov-15                          | 7.14%           | 5-Nov-25  | 53.82           | [ICRA]AAA (Stable)         |
| INE020B07JR0  | Tax Free Bonds                             | 5-Nov-15                          | 7.09%           | 5-Nov-30  | 133.64          | [ICRA]AAA (Stable)         |
| INE020B07JS8  | Tax Free Bonds                             | 5-Nov-15                          | 7.09%           | 5-Nov-30  | 0.38            | [ICRA]AAA (Stable)         |
| INE020B07JS8  | Tax Free Bonds                             | 5-Nov-15                          | 7.34%           | 5-Nov-30  | 38.88           | [ICRA]AAA (Stable)         |
| INE020B07JT6  | Tax Free Bonds                             | 5-Nov-15                          | 7.18%           | 5-Nov-35  | 235.11          | [ICRA]AAA (Stable)         |
| INE020B07JU4  | Tax Free Bonds                             | 5-Nov-15                          | 7.18%           | 5-Nov-35  | 49.21           | [ICRA]AAA (Stable)         |
| INE020B07JU4  | Tax Free Bonds                             | 5-Nov-15                          | 7.43%           | 5-Nov-35  | 136.85          | [ICRA]AAA (Stable)         |
| NA            | LT Borrowing Programme from earlier years  | NA                                | NA              | NA        | 8,120.00        | [ICRA]AAA (Stable)         |
| NA            | LT Borrowing Programme from earlier years* | NA                                | NA              | NA        | 3,231.11        | [ICRA]AAA (Stable)         |



| ISIN | Instrument<br>Name                                           | Date of<br>Issuance /<br>Sanction | Coupon<br>Rate | Maturity   | Amount<br>Rated | Current Rating and Outlook      |
|------|--------------------------------------------------------------|-----------------------------------|----------------|------------|-----------------|---------------------------------|
| NA   | LT Borrowing Programme FY20                                  | NA                                | NA             | NA         | 16,413.51       | [ICRA]AAA (Stable)              |
| NA   | LT Borrowing Programme FY20*                                 | NA                                | NA             | NA         | 11,298.36       | [ICRA]AAA (Stable)              |
| NA   | LT Borrowing Programme FY21                                  | NA                                | NA             | NA         | 30,997.40       | [ICRA]AAA (Stable)              |
| NA   | LT Borrowing Programme FY21*                                 | NA                                | NA             | NA         | 15,916.94       | [ICRA]AAA (Stable)              |
| NA   | ST Borrowing Programme FY21*                                 | NA                                | NA             | 7-365 days | 10,000.00       | [ICRA]A1+                       |
| NA   | ST Borrowing Programme FY22*                                 | NA                                | NA             | 7-365 days | 10,000.00       | [ICRA]A1+                       |
| NA   | LT Borrowing Programme FY22                                  | NA                                | NA             | NA         | 62,267.55       | [ICRA]AAA (Stable)              |
| NA   | LT Borrowing Programme FY22*                                 | NA                                | NA             | NA         | 21,898.04       | [ICRA]AAA (Stable)              |
| NA   | LT-Market Linked Debenture*                                  | NA                                | NA             | NA         | 500             | PP-MLD[ICRA]AAA<br>(Stable)     |
| NA   | Gol FSBs*                                                    | NA                                | NA             | NA         | 7,767.70        | [ICRA]AAA (Stable)              |
| NA   | Commercial Paper*                                            | NA                                | NA             | 7-365 days | 5,000.00        | [ICRA]A1+                       |
| NA   | Long Term / Short Term-Fund<br>Based/Non Fund Based limits   | NA                                | NA             | 7-365 days | 9,010.00        | [ICRA]AAA(stable)/<br>[ICRA]A1+ |
| NA   | Long Term / Short Term-Fund<br>Based/Non Fund Based limits * | NA                                | NA             | 7-365 days | 5,995.00        | [ICRA]AAA(stable)/<br>[ICRA]A1+ |
| NA   | LT Borrowing Programme FY23                                  | NA                                | NA             | NA         | 50,796.96       | [ICRA]AAA (Stable)              |
| NA   | LT Borrowing Programme FY23*                                 | NA                                | NA             | NA         | 16,271.01       | [ICRA]AAA (Stable)              |
| NA   | ST Borrowing Programme FY23                                  | NA                                | NA             | NA         | 1,250.00        | [ICRA]AAA (Stable)              |
| NA   | ST Borrowing Programme FY23*                                 | NA                                | NA             | NA         | 3,750.00        | [ICRA]AAA (Stable)              |

Source: ICRA; Note: CG bonds: 54EC bonds or capital gain bonds; \*Excluding those placed and captured above; ^ under LT borrowing programme, # To be withdrawn later; &ISIN INE020B08BY1 and INE020B08DS9 revised to INE020B08DY7

Please click here to view details of lender-wise facilities rated by ICRA

# Annexure II: List of entities considered for consolidated analysis (for current year and/or previous years)

| Company Name                              | Ownership     | Consolidation Approach |
|-------------------------------------------|---------------|------------------------|
| Power Finance Corporation Ltd.            | Parent        | Full Consolidation     |
| REC Limited                               | Rated Entity  | Full Consolidation     |
| REC Power Development and Consultancy Ltd | Subsidiary    | Full Consolidation     |
| Energy Efficiency Services Limited        | Joint Venture | Part Consolidation     |

# Corrigendum

Updated the value for CRAR for H1FY2023 in key financial indicators section to 25% from 15% on page 4 on the document dated February 27, 2023.



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