

| Reference Entity * | Region | Reference Obligation | Issuer | Coupon | Maturity | Date Added |
|---|--------|----------------------|------------------|--------|--------------|--------------|
| 1 VTB Bank (public joint-stock company) | EMEA | US92909MAB63 | VTB Capital S.A. | 6.25 | 30 June 2035 | 10 July 2007 |
| 2 VTB Bank (public joint-stock company) | EMEA | XS0223715920 | VTB Capital S.A. | 6.25 | 30 June 2035 | 10 July 2007 |

| Reference Entity * | Region | Expired Reference Obligations | Issuer | Coupon | Maturity | Date Removed |
|--|--------|-------------------------------|------------------|--------|------------------|------------------|
| 1 VTB Bank (public joint-stock company) | EMEA | CH0141533403 | VTB Capital S.A. | 5 | 17 November 2015 | 17 November 2015 |
| 2 VTB Bank (public joint-stock company) | EMEA | XS0244105283 | VTB Capital S.A. | 4.25 | 15 February 2016 | 15 February 2016 |
| 3 VTB Bank (public joint-stock company) | EMEA | XS0772509484 | VTB Capital S.A. | 6 | 12 April 2017 | 12 April 2017 |
| 4 VTB Bank (public joint-stock company) | EMEA | US91833EAB45 | VTB Capital S.A. | 6 | 12 April 2017 | 12 April 2017 |
| 5 VTB Bank (public joint-stock company) | EMEA | XS0863569298 | VTB Capital S.A. | 7.5 | 11 December 2017 | 11 December 2017 |
| 6 VTB Bank (public joint-stock company) | EMEA | XS0592794597 | VTB Capital S.A. | 6.315 | 22 February 2018 | 22 February 2018 |
| 7 VTB Bank (public joint-stock company) | EMEA | US91833EAG61 | VTB Capital S.A. | 6.315 | 22 February 2018 | 22 February 2018 |
| 8 VTB Bank (public joint-stock company) | EMEA | CH0226747746 | VTB Capital S.A. | 2.9 | 25 May 2018 | 25 May 2018 |
| 9 VTB Bank (public joint-stock company) | EMEA | US91833EAC57 | VTB Capital S.A. | 6.875 | 29 May 2018 | 29 May 2018 |
| 10 VTB Bank (public joint-stock company) | EMEA | XS0365923977 | VTB Capital S.A. | 6.875 | 29 May 2018 | 29 May 2018 |
| 11 VTB Bank (public joint-stock company) | EMEA | XS0548633659 | VTB Capital S.A. | 6.551 | 13 October 2020 | 13 October 2020 |
| 12 VTB Bank (public joint-stock company) | EMEA | US91833EAE14 | VTB Capital S.A. | 6.551 | 13 October 2020 | 13 October 2020 |

* The reference entity was previously known as JSC VTB Bank and later changed its name to VTB Bank (public joint-stock company) on 03 July 2015.

Copyright © 2023 by S&P Global Market Intelligence, a division of S&P Global Inc. All rights reserved.

These materials, including any software, data, processing technology, index data, ratings, credit-related analysis, research, model, software or other application or output described herein, or any part thereof (collectively the "Property") constitute the proprietary and confidential information of S&P Global Market Intelligence or its affiliates (each and together "S&P Global") and/or its third party provider licensors. S&P Global on behalf of itself and its third-party licensors reserves all rights in and to the Property. These materials have been prepared solely for information purposes based upon information generally available to the public and from sources believed to be reliable.

If the Property is accessed through a portal, application, or website of S&P Global ("Website") the terms of use detailed on that Website ("Terms of Use") shall be supplemental to any written agreement in relation to the access and use of the Property. By accessing or using the Website, the recipient acknowledges and irrevocably represents to have read, understood, and agreed to be bound by the Terms of Use.

Any copying, reproduction, reverse-engineering, modification, distribution, transmission or disclosure of the Property, in any form or by any means, is strictly prohibited without the prior written consent of S&P Global. The Property shall not be used for any unauthorized or unlawful purposes. S&P Global Market Intelligence's opinions, statements, estimates, projections, quotes and credit-related and other analyses 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 or to make any investment decisions, and do not address the suitability of any security, and there is no obligation on S&P Global Market Intelligence to update the foregoing or any other element of the Property. S&P Global Market Intelligence may provide index data. Direct investment in an index is not possible. Exposure to an asset class represented by an index is available through investable instruments based on that index. The Property and its composition and content are subject to change without notice.

THE PROPERTY IS PROVIDED ON AN "AS IS" BASIS. NEITHER S&P GLOBAL NOR ANY THIRD PARTY PROVIDERS (TOGETHER, "S&P GLOBAL PARTIES") MAKE ANY WARRANTY, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO ANY WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE, FREEDOM FROM BUGS, SOFTWARE ERRORS OR DEFECTS, THAT THE PROPERTY'S FUNCTIONING WILL BE UNINTERRUPTED OR THAT THE PROPERTY WILL OPERATE IN ANY SOFTWARE OR HARDWARE CONFIGURATION. NOR ANY WARRANTIES, EXPRESS OR IMPLIED, AS TO ITS ACCURACY, AVAILABILITY, COMPLETENESS OR TIMELINESS, OR TO THE RESULTS TO BE OBTAINED FROM THE USE OF THE PROPERTY. S&P GLOBAL PARTIES SHALL NOT IN ANY WAY BE LIABLE TO ANY RECIPIENT FOR ANY INACCURACIES, ERRORS OR OMISSIONS REGARDLESS OF THE CAUSE. Without limiting the foregoing, S&P Global Parties shall have no liability whatsoever to any recipient, whether in contract, in tort (including negligence), under warranty, under statute or otherwise, in respect of any loss or damage suffered by any recipient as a result of or in connection with the Property, or any course of action determined, by it or any third party, whether or not based on or relating to the Property. In no event shall S&P Global be liable to any party for any direct, indirect, 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 or losses caused by negligence) in connection with any use of the Property even if advised of the possibility of such damages. The Property should not be relied on and is not a substitute for the skill, judgment and experience of the user, its management, employees, advisors and/or clients when making investment and other business decisions.

The S&P Global logo is a registered trademark of S&P Global, and the trademarks of S&P Global used within this document or materials are protected by international laws. Any other names may be trademarks of their respective owners.

The inclusion of a link to an external website by S&P Global should not be understood to be an endorsement of that website or the website's owners (or their products/services). S&P Global is not responsible for either the content or output of external websites. S&P Global keeps certain activities of its divisions separate from each other in order to preserve the independence and objectivity of their respective activities. As a result, certain divisions of S&P Global may have information that is not available to other S&P Global divisions. S&P Global has established policies and procedures to maintain the confidentiality of certain nonpublic information received in connection with each analytical process. S&P Global may receive compensation for its ratings and certain analyses, normally from issuers or underwriters of securities or from obligors. S&P Global reserves the right to disseminate its opinions and analyses. S&P Global Ratings' public ratings and analyses are made available on its sites, www.spglobal.com/ratings (free of charge) and www.capitaliq.com (subscription), and may be distributed through other means, including via S&P Global publications and third party redistributors.