NATIONAL RURAL UTILITIES COOPERATIVE FINANCE CORP /DC/

Form 424B5

November 03, 2017

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Registration Statement 333-221261
PROSPECTUS SUPPLEMENT
(To prospectus dated November 1, 2017)
National Rural Utilities
Cooperative Finance Corporation
Medium-Term Notes, Series D

National Rural Utilities Cooperative Finance Corporation may offer from time to time its Medium-Term Notes, Series D which we refer to herein as the note or notes. Each note will mature on a date nine months or more from its date of original issuance. Unless specified otherwise in the applicable pricing supplement to this prospectus supplement, interest on fixed rate notes will be paid on January 15 and July 15 of each year and at maturity. Interest on floating rate notes will be paid on the dates specified in the applicable pricing supplement. Generally, there will not be a sinking fund. A separate pricing supplement will describe the specific terms of each note including the purchase price, interest rate and maturity date.

Investing in the notes involves certain risks. See "Risk Factors" beginning on page <u>S</u>-3 of this prospectus supplement, in the accompanying prospectus and in the documents incorporated by reference herein.

Neither the Securities and Exchange Commission nor any state securities commission has approved or disapproved of these notes or determined if the prospectus supplement, the accompanying prospectus or any pricing supplement is truthful or complete. Any representation to the contrary is a criminal offense.

The notes are being offered directly by CFC to its members and associates, the members, associates and affiliates of Rural Telephone Finance Corporation and the members and certain qualified associates of National Cooperative Services Corporation. No discount or commission will be paid to any agent for a direct sale of notes by us. The notes also are being offered on a continuing basis by agents pursuant to a different prospectus supplement. The agents have agreed to use their reasonable best efforts to solicit offers to purchase the notes. The notes may be sold at or above par or at a discount to any agent, acting as principal, for a commission. CFC has not set a date for termination of this offering. The notes will not be listed on any securities exchange. You cannot be assured that the notes offered by this prospectus supplement will be sold or that there will be a secondary market for the notes.

Prospectus Supplement dated November 3, 2017

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You should rely only on the information contained or incorporated by reference in this prospectus supplement, the accompanying prospectus or any accompanying pricing supplement. We have not authorized anyone to provide you with different information. You should not assume that the information contained in this prospectus supplement or the accompanying prospectus is accurate as of any date other than the date on the front cover of this prospectus supplement. You should not assume that the information contained in any pricing supplement is accurate as of any date other than the date of the pricing supplement. We are not making an offer of these notes in any state or other jurisdiction where such an offer is not permitted.

The distribution of this prospectus supplement, the accompanying prospectus or any accompanying pricing supplement and the offering of the notes in certain jurisdictions may be restricted by law. Persons into whose possession this prospectus supplement, the accompanying prospectus or any accompanying pricing supplement come should inform themselves about and observe any such restrictions. This prospectus supplement, the accompanying prospectus or any accompanying pricing supplement do not constitute, and may not be used in connection with, an offer or solicitation by anyone in any jurisdiction in which such offer or solicitation is not authorized or in which the person making such offer or solicitation is not qualified to do so or to any person to whom it is unlawful to make such offer or solicitation.

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ABOUT THIS PROSPECTUS SUPPLEMENT, THE PROSPECTUS AND THE PRICING SUPPLEMENTS

Except as the context otherwise requires or as otherwise specified in this prospectus supplement or the accompanying prospectus, as used herein, the terms the "Company," "CFC," "we," "us," and "our" refer to National Rural Utilities Cooperation Corporation only. References in this prospectus supplement to "U.S. dollars" or "U.S. \$" or "\$" are to the currency of the United States of America.

CFC may use this prospectus supplement, together with the accompanying prospectus and an attached pricing supplement, to offer CFC's Medium-Term Notes, Series D, from time to time.

This prospectus supplement sets forth certain terms of the notes that CFC may offer. It supplements the description of the notes contained in the accompanying prospectus. If information in this prospectus supplement is inconsistent with the accompanying prospectus, this prospectus supplement will apply and supersede that information in the accompanying prospectus.

Each time CFC issues notes, it will attach a pricing supplement to this prospectus supplement and the accompanying prospectus. The pricing supplement will contain the specific description of the notes being offered and the terms of the offering. The pricing supplement may also add, update or change information in this prospectus supplement or the accompanying prospectus. Any information in the pricing supplement, including any changes in the method of calculating interest on any note, that is inconsistent with this prospectus supplement or the accompanying prospectus will apply and supersede that information in this prospectus supplement or the accompanying prospectus. When we refer to the prospectus, we mean the prospectus that accompanies this prospectus supplement. When we refer to a pricing supplement, we mean the pricing supplement we file with respect to a particular note. It is important for you to read and consider all the information contained in this prospectus supplement, the prospectus and the applicable pricing supplement, together with the documents incorporated by reference and the additional information described in "Where You Can Find More Information" on page 2 of the prospectus, in making your investment decision.

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SUMMARY

This section summarizes the legal and financial terms of the notes that are described in more detail under the captions "Description of the Medium Term Notes" herein and "Description of Senior Debt Securities" in the accompanying prospectus. Final terms of any particular notes will be determined at the time of sale and will be contained in the pricing supplement relating to those notes. The terms of the notes appearing in that pricing supplement may vary from, and if they do vary will supersede, the terms contained in this summary and in "Description of the Medium Term Notes" herein and "Description of Senior Debt Securities" in the accompanying prospectus. In addition, in deciding whether to invest in any particular notes you should read the more detailed information appearing elsewhere in this prospectus supplement, the prospectus and in the applicable pricing supplement, together with the documents incorporated by reference and the additional information described in "Where You Can Find More Information" on page 2 of the prospectus.

Issuer

National Rural Utilities Cooperative Finance Corporation

Title of Notes

CFC Medium-Term Notes, Series D

Amount

We may offer notes in connection with this program until the sum of all our indebtedness, including the notes and indebtedness guaranteed by CFC, but excluding capital term certificates and government secured obligations, equals 20 times the sum of members' equity and the outstanding amount of capital term certificates.

Denominations

The notes will be issued and sold in minimum denominations of \$100,000 and integral multiples of \$1,000, unless otherwise stated in the applicable pricing supplement.

Ranking

The notes will be our direct, unsecured, senior obligations and will rank equally with all of our other unsecured, senior indebtedness from time to time outstanding.

No Listing

The notes will not be listed on any securities exchange, unless specified otherwise in the applicable pricing supplement.

Maturities

Each note will mature nine or more months from its date of issue, as specified in the applicable pricing supplement unless redeemed or repaid prior to such date at our sole discretion in accordance with its terms.

Interest

Unless specified otherwise in the applicable pricing supplement to this prospectus supplement, interest on fixed rate notes will be paid on January 15 and July 15 of each year and at maturity. Interest on floating rate notes will be paid on the dates specified in the applicable pricing supplement.

Principal

The principal amount of each note will be payable on its stated maturity date or upon earlier redemption or repayment at the corporate trust office of the paying agent or at any other place we may designate.

Repayment and Redemption

Unless otherwise stated in the applicable pricing supplement, a note will not be redeemable at our option prior to its stated maturity date. Generally, the notes will not be subject to any sinking fund.

Sale and Clearance

Notes will be issued only in book-entry form and will clear through The Depository Trust Company. We do not intend to issue notes in certificated form except in the limited circumstances described in this prospectus supplement or the applicable pricing supplement.

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Trustee

The trustee for the notes is U.S. Bank National Association under an indenture, dated as of December 15, 1987, as amended by a supplemental indenture to designate U.S. Bank National Association as trustee for the notes, dated as of October 1, 1990. The trustee also will act as paying agent and security registrar. S-2

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RISK FACTORS

Before making an investment decision, you should carefully consider the following risks as well as other information we include or incorporate by reference in this prospectus supplement and the accompanying prospectus, including the risk factors relating to us contained in our periodic or current reports filed with the Securities and Exchange Commission ("SEC"), and incorporated herein by reference. The notes will not be an appropriate investment for you if you are not knowledgeable about significant features of the notes, our financial condition, operations and business and financial matters in general. You should not purchase the notes unless you understand, and know that you can bear, these risks.

If you attempt to sell the notes prior to maturity, the market value of the notes, if any, may be less than the principal amount of the notes.

If you wish to liquidate your investment in the notes prior to maturity, selling your notes may be your only option. At that time, there may be a very illiquid market for the notes or no market at all. Even if you were able to sell your notes, there are many factors outside of our control that may affect the market value of the notes. Some of these factors are interrelated in complex ways. As a result, the effect of any one factor may be offset or magnified by the effect of another factor. These factors include, without limitation:

the method of calculating the principal, premium, if any, interest or other amounts payable, if any, on the notes;

- the time remaining to the maturity of the notes;
- the outstanding amount of the notes;
- the redemption or repayment features of the notes;
- market rates of interest higher than rates borne by the notes; and
- the level, direction and volatility of interest rates generally and other conditions in credit markets.

There may be a limited number of buyers when you decide to sell your notes. This may affect the price you receive for your notes or your ability to sell your notes at all.

Floating rate notes bear additional risks.

If your notes bear interest at a floating rate, there will be significant risks not associated with a conventional fixed rate debt security. These risks include fluctuation of the interest rates and the possibility that you will receive an amount of interest that is lower than expected. We have no control over a number of factors, including economic, financial and political events, that are important in determining the existence, magnitude and longevity of these risks and their results. Interest rates can be volatile and such volatility may be expected in the future.

Uncertainty relating to the LIBOR calculation process and potential phasing out of LIBOR after 2021 may adversely affect the value of the notes.

Regulators and law enforcement agencies in the United Kingdom and elsewhere are conducting civil and criminal investigations into whether the banks that contribute submissions to the British Bankers' Association (the "BBA") in connection with the daily calculation of LIBOR may have been underreporting or otherwise manipulating or attempting to manipulate LIBOR. A number of BBA member banks have entered into settlements with their regulators and law enforcement agencies with respect to this alleged manipulation of LIBOR.

Actions by the BBA, regulators or law enforcement agencies may result in changes to the manner in which LIBOR is determined or the establishment of alternative reference rates. For example, on July 27, 2017, the United Kingdom's

Financial Conduct Authority announced that it intends to stop persuading or compelling banks to submit LIBOR rates after 2021. At this time, it is not possible to predict the effect of S-3

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any such changes, any establishment of alternative reference rates or any other reforms to LIBOR that may be enacted in the United Kingdom or elsewhere. Uncertainty as to the nature of such potential changes, alternative reference rates or other reforms may adversely affect the trading market for LIBOR-based securities, including the notes.

We may choose to redeem notes when prevailing interest rates are relatively low.

If your notes are redeemable at our option, we may choose to redeem your notes from time to time. Prevailing interest rates at the time we redeem your notes likely would be lower than the rate then borne by the notes. In such a case you would not be able to reinvest the redemption proceeds in a comparable note at an effective interest rate as high as the interest rate on the notes being redeemed. Our redemption right also may adversely impact your ability to sell your notes as our redemption date approaches.

The notes may not be sold or transferred without CFC's prior written consent and have limited or no liquidity. The notes may not be transferred without CFC's prior written consent. The notes are not redeemable at the option of the holder thereof and you may not be able to resell the notes at a price that you wish to receive or at all. There is currently no secondary market for the notes and there can be no assurance that a secondary market will develop. If a secondary market does develop, there can be no assurance that it will continue or that it will be sufficiently liquid to allow you to resell your notes when you want or at a price that you wish to receive for your notes. The agents issuing notes pursuant to a different prospectus supplement have advised us that they may from time to time purchase and sell the notes in any secondary market which may develop. However, no agent is obligated to do so and any agent may discontinue making a market in the notes at any time without notice. The notes are not, and will not be, listed on any securities exchange.

Changes in our credit ratings may affect the market value of the notes.

Real or anticipated changes in our credit ratings may affect the market value of the notes. However, because your return on the notes depends upon factors in addition to our ability to pay our obligations, an improvement in our credit ratings will not reduce the other investment risks, if any, related to the notes.

A reduction in the credit ratings for our debt could adversely affect our liquidity and cost of debt.

Nationally recognized statistical rating organizations play an important role in determining, by means of the ratings they assign to issuers and their debt, the availability and cost of debt funding. We currently contract with three nationally recognized statistical rating organizations to receive ratings for our secured, unsecured and subordinated debt and our commercial paper. Our credit ratings are important to our liquidity and funding costs. In order to access the commercial paper markets at current levels, we believe that we need to maintain our current ratings for commercial paper. Changes in rating agencies' rating methodology, actions by governmental entities or others, additional losses from impaired loans and other factors could adversely affect the credit ratings on our debt. A reduction in our credit ratings could adversely affect our liquidity, competitive position, or the supply or cost of debt financing available to us. A significant increase in our interest expense could cause us to sustain losses or impair our liquidity by requiring us to seek other sources of financing, which may be difficult to obtain.

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USE OF PROCEEDS

Unless we describe a different use in a particular pricing supplement, the net proceeds from the sale of the notes will be used for general corporate purposes, including but not limited to, funding loans and the retirement of outstanding debt

DESCRIPTION OF THE MEDIUM-TERM NOTES

The following description of the particular terms of the notes being offered supplements and, to the extent inconsistent with or to the extent otherwise specified in an applicable pricing supplement, replaces the description of the general terms and provisions of the notes set forth under the heading "Description of Senior Debt Securities" in the prospectus. Unless otherwise specified in an applicable pricing supplement, the notes will have the terms described below. Capitalized terms used but not defined below have the meanings given to them in the prospectus and in the indenture relating to the notes.

The Medium-Term Notes, Series D are our senior obligations to be issued under an indenture dated as of December 15, 1987, as supplemented by a first supplemental indenture dated as of October 1, 1990, between CFC and U.S. Bank National Association, as successor trustee (as supplemented, the "indenture"). CFC has initially designated U.S. Bank National Association as its paying agent and security registrar for the notes. The following statements are summaries of the material provisions of the notes. The prospectus provides summaries of the material provisions of the indenture under the heading "Description of Senior Debt Securities". These summaries do not purport to be complete and are qualified in their entirety by reference to the indenture, including the definition of certain terms. General

Under the indenture, the notes will constitute a single series of securities. The indenture limits the principal amount of senior indebtedness that may be issued under it, as described under "Restriction on Indebtedness" on page 9 of the accompanying prospectus.

Each note will mature nine months or more from the date of issue. See "Plan of Distribution" on page <u>S-22</u> of this prospectus supplement and "Plan of Distribution" on page <u>28</u> of the accompanying prospectus.

Notes will be issued in registered form. Notes denominated in U.S. dollars will be sold in denominations of \$100,000 and integral multiples of \$1,000. Notes denominated in other currencies will be sold in denominations specified in the pricing supplement.

The pricing supplement relating to a note will describe the following terms:

the foreign currency (a "specified currency") of the note, if any;

- the principal amount of the notes offered;
- whether the note bears interest at a fixed rate or a floating rate;
- if other than 100%, the price (expressed as a percentage of the aggregate principal amount of the note) at which the note will be issued:
- the date on which the note will be issued;
- the date on which the note will mature;
- if the note is a fixed rate note, the interest rate per year at which the note will bear interest, which may be zero in the case of certain discounted notes, and any interest payment dates;

- if the note is a floating rate note, the method of determining and paying interest, including the base rate, the initial interest rate, the interest determination date, the interest payment dates, the reset period, the index maturity, any maximum interest rate and minimum interest rate and any spread and/or spread multiplier;
- whether the note will be issued initially as a book-entry note or a certificated note; and
- any other terms of the note not inconsistent with the provisions of the indenture.

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Each note will be issued initially as either a book-entry note or a certificated note. The depository for the book-entry notes will initially be The Depository Trust Company in New York City ("DTC"). See "— Book-Entry Notes" on page S-9 of this prospectus supplement.

An original issue discount note is a note issued at a price lower than the principal amount and provides that upon redemption or acceleration of the note, an amount less than the principal amount shall become due and payable. In the event of redemption or acceleration of an original issue discount note, the amount payable to the holder of such note will be determined in accordance with the terms of the note. For information respecting "original issue discount" for U.S. federal income tax purposes, see "Material U.S. Federal Income Tax Considerations — Tax Consequences to U.S. Holders" on page S-13 of this prospectus supplement.

Unless specified otherwise in the applicable pricing supplement, the notes will be denominated in U.S. dollars and payments of principal, premium and any interest on the notes will be made in U.S. dollars. If any of the notes are denominated in a foreign currency (a currency other than U.S. dollars) or if the principal, premium and any interest on any of the notes is payable at the option of the holder or CFC in a currency other than that in which the note is denominated, the applicable pricing supplement will provide additional information, including applicable exchange rate information, pertaining to the terms of those notes and other matters of interest to the holders.

Payments on book-entry notes will be made through the paying agent to DTC. See "— Book-Entry Notes" on page S-9 of this prospectus supplement.

Payments of principal, premium and any interest on certificated notes payable at maturity or upon redemption will be made in immediately available funds at the office of the paying agent in the Borough of Manhattan, New York City. Payments in immediately available funds will be made only if the certificated notes are presented to the paying agent in time for the paying agent to make payments in immediately available funds in accordance with its normal procedures. CFC has initially designated U.S. Bank National Association, acting through its office in the Borough of Manhattan, New York City, as its paying agent for the notes. Interest on certificated notes will be paid by wire transfer in immediately available funds, but only if appropriate instructions have been received in writing by the paying agent on or prior to the applicable regular record date for the payment of interest. If no instructions have been received in writing by the paying agent, the funds will be paid by check mailed to the address of the person entitled to the interest. Certificated notes may be presented for registration of transfer or exchange at the office of U.S. Bank National Association in the Borough of Manhattan, New York City. Book-entry notes may be transferred or exchanged through a participating member of DTC. See "— Book-Entry Notes" on page S-9 of this prospectus supplement. The notes will be direct, unsecured obligations of CFC.

For a description of the rights attaching to different series of securities under the indenture, see "Description of Senior Debt Securities" on page 5 of the accompanying prospectus.

Interest and Interest Rates

Each note will bear interest from the date of issue or from the most recent interest payment date to which interest on that note has been paid or duly provided for at the fixed rate per year, or at the rate per year determined by the interest rate formula, stated in the note and in the applicable pricing supplement until its stated maturity or earlier redemption or repayment. Interest will be payable on each interest payment date and at maturity or upon earlier redemption or repayment. See "Description of Senior Debt Securities — Payment and Paying Agents" on page 19 of the accompanying prospectus. Interest will be payable to the registered holder at the close of business on the regular record date; however, interest payable at maturity will be payable to the person to whom principal shall be payable. Unless specified otherwise in the applicable pricing supplement, the first payment of interest on any note originally issued between a regular record date and an interest payment date will be made on the interest payment date following the next succeeding regular record date to the registered holder on that next succeeding regular record date.

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CFC may change interest rates or interest rate formulas from time to time, but no such change will affect any note already issued or for which CFC has accepted an offer to purchase. Interest rates on notes offered by CFC may differ depending upon, among other things, the aggregate principal amount of notes purchased in any transaction. Notes with similar variable terms but different interest rates may be offered concurrently at any time. CFC may also concurrently offer notes having different variable terms (as are described in this prospectus supplement or in any other prospectus supplement or applicable pricing supplement). Unless otherwise indicated in the applicable pricing supplement, the interest payment dates and the regular record dates for fixed rate notes will be as described below under "Fixed Rate Notes." Unless otherwise specified in the applicable pricing supplement, the interest payment dates for floating rate notes will be as described below under "Floating Rate Notes." Unless otherwise specified, each regular record date for a floating rate note will be the fifteenth calendar day (whether or not a business day) next preceding each interest payment date. If an interest payment date for any floating rate note would otherwise fall on a day that is not a business day with respect to that note, such interest payment date will be postponed to the following day that is a business day with respect to the note. In the case of a LIBOR note, if the postponement date would fall in the next calendar month, such interest payment date will be the preceding day that is a business day with respect to the LIBOR note. If the maturity of a floating rate note falls on a day that is not a business day, the payment of principal, any premium and interest will be made on the next succeeding business day as if made on the date the payment was due, and no interest on the payment will accrue for the period from and after the maturity.

Fixed Rate Notes

Each fixed rate note will bear interest from its date of issue at the annual rate stated in the applicable pricing supplement. Except as provided in the applicable pricing supplement, the interest payment dates for the fixed rate notes will be January 15 and July 15 of each year and the regular record dates will be January 1 and July 1 of each year. Interest on fixed rate notes will be computed and paid on the basis of a 360-day year of twelve 30-day months. Interest payments on fixed rate notes will equal the amount of interest accrued from and including the prior interest payment date or from and including the date of issue, but excluding the related interest payment date or maturity. If any interest payment date or the maturity of a fixed rate note falls on a day that is not a business day, the related payment of principal, any premium or interest will be made on the next business day as if made on the date the payment was due, and no interest will accrue on the amount payable for the period from and after that interest payment date or maturity. The rate of interest may be zero in the case of certain notes issued at a discount from the principal amount due at maturity.

Floating Rate Notes

The interest rate on each floating rate note will equal the interest rate calculated by reference to the specified interest rate formula set forth in the applicable pricing supplement plus or minus any spread and/or multiplied by any spread multiplier also set forth in such pricing supplement. The "spread" is the number of basis points specified in the applicable pricing supplement as applying to the interest rate for the member note and the "spread multiplier" is the percentage specified in the applicable pricing supplement as applying to the interest rate for the note. Interest on floating rate notes will be computed on the basis of the actual number of days in the applicable interest period divided by 360.

The applicable pricing supplement relating to a floating rate note will designate one or more base interest rates for the floating rate note. The base or bases will be determined by reference to:

LIBOR, in which case the note will be a LIBOR note, or

any other interest rate base or formula as is set forth in the pricing supplement.

The applicable pricing supplement for a floating rate note also will specify any spread and/or spread multiplier and any maximum or minimum interest rate limitation applicable to each note. In addition, the pricing supplement may define or specify for each note the following terms, if applicable: calculation date, initial interest rate, interest payment dates, regular record dates, index maturity, interest determination dates and interest reset dates with respect to such note.

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The rate of interest on each floating rate note will be reset daily, weekly, monthly, quarterly, semi-annually or annually, as specified in the applicable pricing supplement. Unless otherwise specified in the applicable pricing supplement, the interest reset dates will be each January 15 and July 15. However,

the interest rate in effect from the date of issue to the first interest reset date with respect to a floating rate note will be the initial interest rate (as set forth in the applicable pricing supplement), and

unless otherwise specified in an applicable pricing supplement, the interest rate in effect for the ten calendar days immediately prior to maturity, if applicable, will be that in effect on the tenth calendar day preceding maturity.

If any interest reset date for any floating rate note would otherwise be a day that is not a business day for that floating rate note, the interest reset date for that floating rate note will be postponed to the next business day. For this purpose, "business day" shall mean with respect to any floating rate note, any day that is not a Saturday or Sunday and that, in New York City, is not a day on which banking institutions generally are authorized or obligated by law to close, and with respect to LIBOR notes only, such day is also a London Business Day. "London Business Day" means with respect to LIBOR notes only, any day which dealings in deposits in U.S. dollars are transacted in the London interbank market.

The interest determination date pertaining to an interest reset date for a LIBOR note will be the second London business day prior to that interest reset date.

The interest rate on the notes will in no event be higher than the maximum rate permitted by New York law as the same may be modified by United States law of general application. Under present New York law, subject to certain exceptions, the maximum rate of interest for any loan to an individual is 16% for a loan less than \$250,000, and 25% for a loan of \$250,000 or more but less than \$2,500,000, in each case calculated per year on a simple interest basis. There is no limit on the maximum rate of interest on loans made to individuals in an amount equal to \$2,500,000 or more. Under present New York law, the maximum rate of interest which may be charged to a corporation for any loan up to \$2,500,000 is 25% per year on a simple interest basis. There is no limit on the maximum rate of interest on loans made to corporations in an amount equal to \$2,500,000 or more.

Upon the request of the holder of any floating rate note, the calculation agent will provide the interest rate then in effect. If it has been determined, the calculation agent will also provide the interest rate which will become effective as a result of a determination made on the most recent interest determination date with respect to that floating rate note. Unless otherwise provided in the applicable pricing supplement, CFC will be the calculation agent with respect to the floating rate notes. Unless otherwise specified in the applicable pricing supplement, the calculation date, if applicable, pertaining to any interest determination date will be the earlier of (1) the tenth calendar day after such interest determination date, or, if such day is not a business day, the next succeeding business day or (2) the business day preceding the applicable interest payment date or maturity, as the case may be.

Unless otherwise specified in the applicable pricing supplement, all percentages resulting from any calculation on floating rate notes will be rounded to the nearest one hundred-thousandth of a percentage point, with five one millionths of a percentage point rounded upwards (e.g., 9.876545% (or 0.09876545) would be rounded to 9.87655% (or 0.0987655)), and all dollar amounts used in or resulting from this calculation will be rounded to the nearest cent or, in the case of notes denominated other than in U.S. dollars, the nearest unit (with one-half cent or unit being rounded upward).

LIBOR

Unless otherwise specified in the applicable pricing supplement, "LIBOR" means the rate determined by the calculation agent in accordance with the following procedures:

For an interest determination date relating to a LIBOR note or any floating rate note for which LIBOR is an applicable base rate, to which we refer as a "LIBOR interest determination date," LIBOR will be the rate for deposits in U.S. dollars having the index maturity specified in the applicable pricing supplement, commencing on the applicable interest reset date that appears on the designated LIBOR page, as defined below, as of 11:00 a.m., London time, on

Edgar Filing: NATIONAL RURAL UTILITIES COOPERATIVE FINANCE CORP /DC/ - Form 424B5 that LIBOR interest determination date.

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If no rate appears, as the case may be, on the designated LIBOR page as specified above, the calculation agent will request the principal London offices of each of four major reference banks, which may include one or more of the agents or their affiliates, in the London interbank market, as selected by the calculation agent after consultation with us, to provide the calculation agent its offered quotation for deposits in U.S. dollars for the period of the index maturity specified in the applicable pricing supplement, commencing on the applicable interest reset date, to prime banks in the London interbank market at approximately 11:00 a.m., London time, on that LIBOR interest determination date and in a principal amount that is representative for a single transaction in U.S. dollars in that market at that time.

If the reference banks provide at least two such quotations, then LIBOR for that LIBOR interest determination date will be the arithmetic mean of such quotations. If fewer than two quotations are provided, then LIBOR for that LIBOR interest determination date will be the arithmetic mean of the rates quoted at approximately 11:00 a.m., selected by the calculation agent in New York City on that LIBOR interest determination date by three major reference banks in New York City, which may include one or more of the agents or their affiliates, in New York City, selected by the calculation agent after consultation with us, for loans in U.S. dollars to leading European banks, having the index maturity specified in the applicable pricing supplement and in a principal amount that is representative for a single transaction in U.S. dollars in that market at that time.

If fewer than three banks selected by the calculation agent are quoting as set forth above, LIBOR with respect to that LIBOR interest determination date will be LIBOR for the immediately preceding interest reset period, or if there was no interest reset period, the rate of interest payable will be the initial interest rate.

"Designated LIBOR page" means the display on the Reuters screen "LIBOR01" page (or such other page as may replace such page on that service or such other page as may be nominated by the ICE Benchmark Administration Limited ("IBA") or its successor or such other entity assuming the responsibility of IBA or its successor in calculating the London interbank offered rates for U.S. dollar deposits in the event IBA or its successor no longer does so). Original Issue Discount Notes

We may issue the notes as "original issue discount notes." An original issue discount note is a note, including any note that does not provide for the payment of interest prior to its maturity date, which is issued at a price lower than its principal amount and which provides that upon redemption, repayment or acceleration of its stated maturity an amount less than its principal amount will be payable. If an original issue discount note is redeemed, repaid or accelerated prior to its stated maturity, the amount payable to the holder of such a note will be determined in accordance with the terms of the note, but will be an amount less than the amount payable at the stated maturity of such a note. Original issue discount notes and other notes may be treated as issued with original issue discount for U.S. federal income tax purposes. See "Material U.S. Federal Income Tax Considerations" below.

Book-Entry Notes

DTC will act as securities depository for the book-entry notes. The book-entry notes will be issued as fully-registered global securities registered in the name of Cede & Co. (DTC's partnership nominee) or such other name as may be requested by an authorized representative of DTC. One or more fully-registered global securities will be issued for each issue of the book-entry notes, each in the aggregate principal amount of such issue, and will be deposited with DTC.

DTC is a limited-purpose trust company organized under the New York Banking Law, a "banking organization" within the meaning of the New York Banking Law, a member of the Federal Reserve System, a "clearing corporation" within the meaning of the New York Uniform Commercial Code, and a "clearing agency" registered pursuant to the provisions of Section 17A of the Securities Exchange Act of 1934, as amended. DTC holds and provides asset servicing for over 3.5 million issues of U.S. and non-U.S. equity issues, corporate and municipal debt issues, and money market instruments (from over 100 countries) that DTC's participants ("Direct Participants") deposit with DTC. DTC also

facilitates the post-trade S-9

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settlement among Direct Participants of sales and other securities transactions in deposited securities, through electronic computerized book-entry transfers and pledges between Direct Participants' accounts. This eliminates the need for physical movement of securities certificates. Direct Participants include both U.S. and non-U.S. securities brokers and dealers, banks, trust companies, clearing corporations, and certain other organizations. DTC is a wholly owned subsidiary of The Depository Trust & Clearing Corporation ("DTCC"). DTCC is the holding company for DTC, National Securities Clearing Corporation and Fixed Income Clearing Corporation, all of which are registered clearing agencies. DTCC is owned by the users of its regulated subsidiaries. Access to the DTC system is also available to others such as both U.S. and non-U.S. securities brokers and dealers, banks, trust companies, and clearing corporations that clear through or maintain a custodial relationship with a Direct Participant, either directly or indirectly ("Indirect Participants"). The DTC rules applicable to its participants are on file with the SEC. More information about DTC can be found at www.dtcc.com.

Purchases of book-entry notes under the DTC system must be made by or through Direct Participants, which will receive a credit for the book-entry notes on DTC's records. The ownership interest of each actual purchaser of each book-entry note ("Beneficial Owner") is in turn to be recorded on the Direct and Indirect Participants' records. Beneficial Owners will not receive written confirmation from DTC of their purchase. Beneficial Owners are, however, expected to receive written confirmations providing details of the transaction, as well as periodic statements of their holdings, from the Direct or Indirect Participant through which the Beneficial Owner entered into the transaction. Transfers of ownership interests in the book-entry notes are to be accomplished by entries made on the books of Direct and Indirect Participants acting on behalf of Beneficial Owners.

To facilitate subsequent transfers, all book-entry notes deposited by Direct Participants with DTC are registered in the name of DTC's partnership nominee, Cede & Co. or such other name as may be requested by an authorized representative of DTC. The deposit of book-entry notes with DTC and their registration in the name of Cede & Co. or such other DTC nominee do not effect any change in beneficial ownership. DTC has no knowledge of the actual Beneficial Owners of the book-entry notes; DTC's records reflect only the identity of the Direct Participants to whose accounts such book-entry notes are credited, which may or may not be the Beneficial Owners. The Direct and Indirect Participants will remain responsible for keeping account of their holdings on behalf of their customers. Conveyance of notices and other communications by DTC to Direct Participants, by Direct Participants to Indirect Participants, and by Direct Participants and Indirect Participants to Beneficial Owners will be governed by arrangements among them, subject to any statutory or regulatory requirements as may be in effect from time to time. Redemption notices shall be sent to DTC. If less than all of the book-entry notes within an issue are being redeemed, DTC's practice is to determine by lot the amount of the interest of each Direct Participant in such issue to be redeemed. Neither DTC nor Cede & Co. (nor any other DTC nominee) will consent or vote with respect to book-entry notes unless authorized by a Direct Participant in accordance with DTC's MMI Procedures. Under its usual procedures, DTC mails an omnibus proxy to CFC as soon as possible after the record date. The omnibus proxy assigns Cede & Co.'s consenting or voting rights to those Direct Participants to whose accounts the book-entry notes are credited on the record date (identified in a listing attached to the omnibus proxy).

Redemption proceeds, distributions, and dividend payments on the book-entry notes will be made to Cede & Co or such other nominee as may be requested by an authorized representative of DTC. DTC's practice is to credit Direct Participants' accounts upon DTC's receipt of funds and corresponding detail information from CFC on the payable date in accordance with their respective holdings shown on DTC's records. Payments by participants to Beneficial Owners will be governed by standing instructions and customary practices as is the case with securities held for the accounts of customers in bearer form or registered in "street name" and will be the responsibility of such participant and not of DTC or CFC, subject to any statutory or regulatory requirements as may be in effect from time to time. Payment of redemption proceeds, distributions and dividend payments to Cede & Co. (or such other nominee as may be S-10

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requested by an authorized representative of DTC) is the responsibility of CFC, disbursement of such payments to Direct Participants will be the responsibility of DTC, and disbursement of such payments to the Beneficial Owners will be the responsibility of Direct and Indirect Participants.

DTC may discontinue providing its services as depository with respect to the book-entry notes at any time by giving reasonable notice to CFC. Under such circumstances, in the event that a successor depository is not obtained, certificates are required to be printed and delivered.

CFC may decide to discontinue use of the system of book-entry-only transfers through DTC (or a successor securities depository). In that event, certificates will be printed and delivered to DTC. Certificates may also be printed and delivered in the event of an event of default under the indenture and the subsequent surrender by DTC of the book-entry notes held by DTC.

The information in this section concerning DTC and DTC's book-entry system has been obtained from sources that CFC believes to be reliable, but CFC takes no responsibility for the accuracy thereof.

Neither CFC, the trustee, any paying agent nor the registrar for the notes will have any responsibility or liability for any aspect of the records relating to or payments made on account of beneficial ownership interest in a global security or for maintaining, supervising or reviewing any records relating to such beneficial ownership interests.

Payments on any book-entry notes would be made by the trustee directly to holders of the book-entry notes in accordance with the procedures set forth herein and in the indenture. Interest payments and any principal payments on the book-entry notes on each interest payment date would be made to holders in whose names the book-entry notes were registered at the close of business on the related record date as set forth under "— Interest and Interest Rates" beginning on page S-6. Such payments would be made by check mailed to the address of such holders as they appear on the note register and, in addition, under the circumstances provided by the indenture, by wire transfer to a bank or depository institution located in the United States and appropriate facilities thereof. The final payment of principal and interest on any book-entry notes, however, would be made only upon presentation and surrender of such book-entry notes at the office of the paying agent for such book-entry notes.

A book-entry note may be transferred free of charge in whole or in part upon the surrender of the book-entry note to be transferred, together with the completed and executed assignment which appears on the reverse of the book-entry note, at the specified office of any transfer agent. All transfers must be made with CFC's prior written consent as described below under "— Restrictions on Transfer." In the case of a permitted transfer of any part of a book-entry note, a new book-entry note in respect of the balance not transferred will be issued to the transferor. Each new book-entry note to be issued upon the transfer of a book-entry note will, upon the effective receipt of such completed assignment by a transfer agent at its respective specified office, be available for delivery at such specified office, or at the request of the holder requesting such transfer, will be mailed at the risk of the transferee entitled to the new book-entry note to such address as may be specified in such completed assignment. Neither the registrar nor any transfer agent shall be required to register the transfer of or exchange of any book-entry notes within 15 days before the maturity date. Restriction on Transfer

The notes may not be transferred without CFC's prior written consent. Any purported transfer of the notes without CFC's prior written consent will be void ab initio.

Redemption and Repayment

Unless one or more redemption dates are specified in the applicable pricing supplement, the notes will not be redeemable by the holder prior to their stated maturity. Unless otherwise specified in the applicable pricing supplement, any such note will be redeemable at the option of CFC at the specified redemption price applicable to the redemption period during which that note is to be redeemed, together with interest accrued to the redemption date. Unless otherwise specified in the applicable pricing supplement, the notes will not be subject to any sinking fund. CFC may redeem any of the notes that are redeemable and remain outstanding either in whole or from time to time in part, upon not less than 30 nor more than 60 days' notice.

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Unless otherwise specified in the applicable pricing supplement, notes cannot be repaid prior to stated maturity. If a note is represented by a book-entry note, DTC's nominee will be the holder of that note and will be the only entity that can exercise a right to repayment. In order to ensure that DTC's nominee will exercise a right to repayment in a timely manner with respect to a particular note, the beneficial owner of that note must instruct the broker or other direct or indirect participant through which it holds an interest in that note to notify DTC of its desire to exercise a right to repayment. Different firms have different cut-off times for accepting instructions from their customers and, accordingly, each beneficial owner should consult the broker or other direct or indirect participant through which it holds an interest in a note in order to ascertain the cut-off time by which an instruction must be given in order for timely notice to be delivered to DTC.

Unless otherwise specified in the applicable pricing supplement, if a note is an original issue discount note, the amount payable on that note in the event of redemption or repayment prior to its stated maturity will be the amortized face amount of that note, as specified in the applicable pricing supplement, as of the redemption date or the date of repayment, as the case may be.

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MATERIAL U.S. FEDERAL INCOME TAX CONSIDERATIONS

General

This section summarizes the material U.S. tax considerations to holders of the notes. However, the discussion is limited in the following ways:

The discussion only covers you if you buy your notes in the initial offering of a particular issuance of notes.

The discussion only covers you if you hold your notes as a capital asset (generally for investment purposes), your "functional currency" is the U.S. dollar (if you are a U.S. holder) and you do not have a special tax status.

The discussion does not cover tax consequences that depend upon your particular tax situation in addition to your ownership of the notes, such as your holding the notes in connection with a hedging, straddle or conversion transaction. We suggest that you consult your tax advisor about the consequences of holding the notes in your particular situation.

The discussion does not cover you if you are a partner in a partnership (or an entity treated as a partnership for U.S. tax purposes). If a partnership holds the notes, the tax treatment of a partner will generally depend upon the status of the partner and upon the activities of the partnership. If you are a partner of a partnership holding the notes, we suggest that you consult your tax advisor.

The discussion is based on current law. Changes in the law may change the tax treatment of the notes.

The discussion does not cover state, local or foreign law and, except for the U.S. federal estate tax consequences discussed below with respect to Non-U.S. holders, does not cover any U.S. federal tax consequences other than income tax consequences.

This discussion does not cover the Medicare tax that may be imposed on the "net investment income" of U.S. holders that are individuals, estates or trusts.

The discussion does not cover every type of notes that we might issue. If we intend to issue notes of a type not described in this summary, additional tax information will be provided in the prospectus supplement for the notes.

We have not requested a ruling from the IRS on the tax consequences of owning the notes. As a result, the IRS could disagree with portions of this discussion.

If you are considering buying notes, we suggest that you consult your tax advisors about the tax consequences of holding the notes in your particular situation.

Tax Consequences to U.S. Holders

This section applies to you if you are a "U.S. holder." A "U.S. holder" is a beneficial owner of the notes that is, for U.S. federal income tax purposes:

an individual U.S. citizen or resident alien;

- a corporation or entity taxable as a corporation for U.S. federal income tax purposes that was created under U.S. law (federal or state);
- an estate whose worldwide income is subject to U.S. federal income tax; or
- a trust if a court within the U.S. is able to exercise primary supervision over the administration of the trust and if one or more U.S. persons have the authority to control all substantial decisions of the trust, or if it has validly elected to be treated as a U.S. person.

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Interest

The tax treatment of interest paid on the notes depends upon whether the interest is "qualified stated interest." The notes may have some interest that is qualified stated interest and some that is not.

"Qualified stated interest" is any interest that meets all the following conditions:

It is payable at least once each year.

It is payable over the entire term of the notes.

It is payable at a single fixed rate or at certain specified variable rates.

The notes have a maturity of more than one year from their issue date.

If any interest on the notes is qualified stated interest, then:

If you are a cash method taxpayer (as are most individual holders), you must report that interest in your income when you receive it.

If you are an accrual method taxpayer, you must report that interest in your income as it accrues.

If any interest on the notes is not qualified stated interest, it is subject to the rules for original issue discount ("OID") described below.

Determining Amount of OID

Notes that have OID are subject to additional tax rules. The amount of OID on the notes is determined as follows:

The amount of OID on the notes is the "stated redemption price at maturity" of the notes minus the "issue price" of the notes. If this amount is zero or negative, there is no OID.

The "stated redemption price at maturity" of the notes is the total amount of all principal and interest payments to be made on the notes, other than qualified stated interest. In a typical case where all interest is qualified stated interest, the stated redemption price at maturity is the same as the principal amount.

The "issue price" of the notes is the first price at which a substantial amount of the notes are sold to the public (excluding bondhouses, brokers and persons acting in a similar capacity).

Under a special rule, if the OID determined under the general formula iYLE="vertical-align: top">Finland0.96%France10.07%Germany9.37%Hong Kong3.36%Ireland0.47%Israel0.66%Italy2.07%Japan24.05%Netherlands3.30%New Zealand0.19%Norway0.69%Portugal0.15%Singapore1.30%Spain3.15%Sweden2.88%Switzerland8.65%United Kingdom18.14%

^{*} Information provided by MSCI. Percentages may not sum to 100% due to rounding.

Effective as of the close of August 31, 2016, the MSCI EAFE Index includes a new Real Estate Sector in accordance with the revisions to the Global Industry Classification Standard (GICS) structure. MSCI divides the companies included in the MSCI EAFE Index into eleven Global Industry Classification Sectors: Consumer Discretionary, Consumer Staples, Energy, Financials, Health Care, Industrials, Information Technology, Materials, Real Estate, Telecommunication Services and Utilities.

Index Stock Weighting by Sector as of January 24, 2017

Sector**	Percentage (%)*
Consumer Discretionary	12.46%
Consumer Staples	11.12%
Energy	5.29%
Financials	21.23%
Health Care	10.36%
Industrials	14.18%
Information Technology	5.50%
Materials	8.29%
Real Estate	3.71%
Telecommunication Services	4.53%
Utilities	3.35%

^{*} Information provided by MSCI. Percentages may not sum to 100% due to rounding.

Construction of the MSCI Indices

MSCI undertakes an index construction process, which involves: (i) defining the equity universe; (ii) determining the market investable equity universe for each market; (iii) determining market capitalization size segments for each market; (iv) applying index continuity rules for the standard index; (v) creating style segments within each size segment within each market; and (vi) classifying securities under the Global Industry Classification Standard. The index construction methodology differs in some cases depending on whether the relevant market is considered a developed market or an emerging market. The MSCI EAFE Index is a developed market indices. The MSCI EAFE Index is a standard index, meaning that only securities that would qualify for inclusion in a large cap index or a mid cap index will be included as described below.

Defining the Equity Universe

(i) Identifying Eligible Equity Securities: The equity universe initially looks at securities listed in any of the countries in the

MSCI global index series, which will be classified as either "developed markets" or "emerging markets." All listed equity securities, including real estate investment trusts and certain income trusts in Canada are eligible for inclusion in the equity universe. Limited partnerships, limited liability companies and business trusts, which are

^{**}Sector designations are determined by the underlier sponsor using criteria it has selected or developed. Index sponsors may use very different standards for determining sector designations. In addition, many companies operate in a number of sectors, but are listed in only one sector and the basis on which that sector is selected may also differ. As a result, sector comparisons between indices with different index sponsors may reflect differences in methodology as well as actual differences in the sector composition of the indices.

listed in the U.S. and are not structured to be taxed as limited partnerships, are likewise eligible for inclusion in the equity universe. Conversely, mutual funds, exchange traded funds, equity derivatives and most investment trusts are not eligible for inclusion in the equity universe. Preferred shares that exhibit characteristics of equity securities are eligible.

Country Classification of Eligible Securities: Each company and its securities (*i.e.*, share classes) are classified in (ii) one

and only one country, which allows for a distinctive sorting of each company by its respective country. *Determining the Market Investable Equity Universes*

A market investable equity universe for a market is derived by (1) identifying eligible listings for each security in the equity universe; and (2) applying investability screens to individual companies and securities in the equity universe that are classified in that market. A market is generally equivalent to a single country. The global investable equity universe is the aggregation of all market investable

equity universes.

Identifying Eligible Listings: A security may have a listing in the country where it is classified (a "local listing") and/or in a different country (a "foreign listing"). A security may be represented by either a local listing or a foreign listing (including a depositary receipt) in the global investable equity universe. A security may be represented by a (1) foreign listing only if the security is classified in a country that meets the foreign listing materiality requirement (as described below), and the security's foreign listing is traded on an eligible stock exchange of a developed market country if the security is classified in a developed market country or, if the security is classified in an emerging market country, an eligible stock exchange of a developed market country or an emerging market country.

In order for a country to meet the foreign listing materiality requirement, MSCI determines all securities represented by a foreign listing that would be included in the country's MSCI Country Investable Market Index if foreign listings were eligible from that country. The aggregate free-float adjusted market capitalization for all such securities should represent at least (i) 5% of the free float-adjusted market capitalization of the relevant MSCI Country Investable Market Index and (ii) 0.05% of the free-float adjusted market capitalization of the MSCI ACWI Investable Market Index. If a country does not meet the foreign listing materiality requirement, then securities in that country may not be represented by a foreign listing in the global investable equity universe.

- (2) Applying Investability Screens: The investability screens used to determine the investable equity universe in each market are:
- Equity Universe Minimum Size Requirement: This investability screen is applied at the company level. In order to be included in a market investable equity universe, a company must have the required minimum full market capitalization. The equity universe minimum size requirement applies to companies in all markets and is derived as follows:

First, the companies in the developed market equity universe are sorted in descending order of full market capitalization and the cumulative coverage of the free float-adjusted market capitalization of the developed market equity universe is calculated for each company. Each company's free float-adjusted market capitalization is represented by the aggregation of the free float-adjusted market capitalization of the securities of that company in the equity universe.

Second, when the cumulative free float-adjusted market capitalization coverage of 99% of the sorted equity universe is achieved, by adding each company's free float-adjusted market capitalization in descending order, full market capitalization of the company that reaches the 99% threshold defines the equity universe minimum size requirement. The rank of this company by descending order of full market capitalization within the developed market equity universe is noted, and will be used in determining the equity universe minimum size requirement at the next rebalance.

As of November 2015, the equity universe minimum size requirement was set at US\$203,000,000. Companies with a full market capitalization below this level are not included in any market investable equity universe. The equity universe minimum size requirement is reviewed and, if necessary, revised at each semi-annual index review, described below.

- Equity Universe Minimum Free Float-Adjusted Market Capitalization Requirement: This investability screen is applied at the individual security level. To be eligible for inclusion in a market investable equity universe, a security must have a free float-adjusted market capitalization equal to or higher than 50% of the equity universe minimum size requirement.
- (iii) Minimum Liquidity Requirement: This investability screen is applied at the individual security level. To be eligible for inclusion in a market investable equity universe, a security must have at least one eligible listing that has adequate liquidity as measured by its twelve-month and three-month annualized traded value ratio. This measure attempts to mitigate the impact of extreme daily trading volumes and takes into account the free float-adjusted market capitalization of securities. A minimum liquidity level of 20% of the 3-month annualized traded value ratio and 90% of 3-month frequency of trading over the last 4 consecutive quarters, as well as 20% of the 12-month annualized traded value ratio, are required for inclusion of a security in a market investable equity universe of a

developed market. A minimum liquidity level of 15% of the 3-month annualized traded value ratio and 80% of 3-month frequency of trading over the last 4 consecutive quarters, as well as 15% of the 12-month annualized traded value ratio, are required for inclusion of a security in a market investable equity universe of a developed market. In instances when a security does not meet the above criteria, the security will be represented by a relevant liquid eligible depositary receipt if it is trading in the same geographical region and meets the criteria for 12-month ATVR, 3-month ATVR and 3-month frequency of trading.

Only one listing per security may be included in the market investable equity universe. In instances where a security

has two or more eligible listings that meet the above liquidity requirements, then the following priority rules are used to determine which listing will be used for potential inclusion of the security in the market investable equity universe:

- (a) Local listing
 - Foreign listing in the same geographical region (MSCI classifies markets into three main geographical regions:
- (b) EMEA, Asia Pacific and Americas. If the security has several listings in the same geographical region, then the listing with the highest 3-month ATVR will be used).
- (c) Foreign listing in a different geographical region (if the security has several listings in a different geographical region, then the listing with the highest 3-month ATVR will be used).

Foreign listed companies added at the November 2015 semi-annual index review will be added at half of their free float-adjusted market capitalization, and the remaining free float-adjusted market capitalization will be added at the May 2016 semi-annual index review.

Due to liquidity concerns relating to securities trading at very high stock prices, a security that is currently not a constituent of a MSCI Global Investable Markets Index that is trading at a stock price above US\$10,000 will fail the liquidity screening and will not be included in any market investable equity universe.

Global Minimum Foreign Inclusion Factor Requirement: This investability screen is applied at the individual security

level. To determine the free float of a security, MSCI considers the proportion of shares of such security available for purchase in the public equity markets by international investors. In practice, limitations on the investment

(*iv*) opportunities for international investors include: strategic stakes in a company held by private or public shareholders whose investment objective indicates that the shares held are not likely to be available in the market; limits on the proportion of a security's share capital authorized for purchase by non-domestic investors; or other foreign investment restrictions which materially limit the ability of foreign investors to freely invest in a particular equity market, sector or security.

MSCI will then derive a "foreign inclusion factor" for the company that reflects the proportion of shares outstanding that is available for purchase in the public equity markets by international investors. MSCI will then "float-adjust" the weight of each constituent company in an index by the company's foreign inclusion factor. Typically, securities with a free float adjustment ratio of less than 0.15 will not be eligible for inclusion in the MSCI EAFE Index.

Once the free float factor has been determined for a security, the security's total market capitalization is then adjusted by such free float factor, resulting in the free float-adjusted market capitalization figure for the security.

Minimum Length of Trading Requirement: This investability screen is applied at the individual security level. For an initial public offering to be eligible for inclusion in a market investable equity universe, the new issue must have started trading at least three months before the implementation of a semi-annual index review. This requirement is applicable to small new issues in all markets. Large initial public offerings are not subject to the minimum length of trading requirement and may be included in a market investable equity universe and a standard index, such as the MSCI EAFE Index, outside of a quarterly or semi-annual index review.

Minimum Foreign Room Requirement: This investability screen is applied at the individual security level. For a security that is subject to a foreign ownership limit to be eligible for inclusion in a market investable equity universe, the proportion of shares still available to foreign investors relative to the maximum allowed (referred to as "foreign room") must be at least 15%.

Defining Market Capitalization Size Segments for Each Market

Once a market investable equity universe is defined, it is segmented into the following size-based indices:

· Investable Market Index (Large Cap + Mid Cap + Small Cap)

- · Standard Index (Large Cap + Mid Cap)
- · Large Cap Index
- Mid Cap Index
- Small Cap Index

Creating the size segment indices in each market involves the following steps: (i) defining the market coverage target range for each size segment; (ii) determining the global minimum size range for each size segment; (iii) determining the market size segment cutoffs

and associated segment number of companies; (iv) assigning companies to the size segments; and (v) applying final size-segment investability requirements. For developed market indices, the market coverage for a standard index is 85%. As of November 2015, the global minimum size range for a developed market standard index is a full market capitalization of USD 2.52 billion to USD 5.80 billion.

Index Continuity Rules for Standard Indices

In order to achieve index continuity, as well as provide some basic level of diversification within a market index, notwithstanding the effect of other index construction rules, a minimum number of five constituents will be maintained for a developed market standard index and a minimum number of three constituents will be maintained for an emerging market standard index, and involves the following steps:

If after the application of the index construction methodology, a developed market standard index contains fewer than five securities or an emerging market standard index contains fewer than three securities, then the largest securities by free float-adjusted market capitalization are added to the index in order to reach the minimum number of required constituents.

At subsequent index reviews, if the minimum number of securities described above is not met, then after the market investable equity universe is identified, the securities are ranked by free float-adjusted market capitalization, however, in order to increase stability the free float-adjusted market capitalization of the existing index constituents (prior to review) is multiplied by 1.50, and securities are added until the desired minimum number of securities is reached.

"Constituent Index" means any of the developed equity market country indices comprising the MSCI EAFE Index.

Creating Style Indices within Each Size Segment

All securities in the investable equity universe are classified into value or growth segments. The classification of a security into the value or growth segment is used by MSCI to construct additional indices.

Classifying Securities under the Global Industry Classification Standard

All securities in the global investable equity universe are assigned to the industry that best describes their business activities. The GICS classification of each security is used by MSCI to construct additional indices.

Calculation Methodology for the MSCI EAFE Index

The performance of the MSCI EAFE Index is a free float weighted average of the U.S. dollar values of its component securities.

Prices used to calculate the component securities are the official exchange closing prices or prices accepted as such in the relevant market. In the case of a market closure, or if a security does not trade on a specific day or during a specific period, MSCI carries forward the previous day's price (or latest available closing price). In the event of a market outage resulting in any component security price to be unavailable, MSCI will generally use the last reported price for such component security for the purpose of performance calculation unless MSCI determines that another price is more appropriate based on the circumstances. Closing prices are converted into U.S. dollars, as applicable, using the closing spot exchange rates calculated by WM/Reuters at 4:00 P.M. London Time.

Maintenance of the MSCI EAFE Index

In order to maintain the representativeness of the MSCI EAFE Index, structural changes to the index as a whole may be made by adding or deleting component securities. Currently, such changes in the MSCI EAFE Index may generally

only be made on four dates throughout the year: after the close of the last business day of each February, May, August and November.

Each country index is maintained with the objective of reflecting, on a timely basis, the evolution of the underlying equity markets. In maintaining each component country index, emphasis is also placed on its continuity, continuous investability of constituents and replicability of the index and on index stability and minimizing turnover.

MSCI classifies index maintenance in three broad categories. The first consists of ongoing event related changes, such as mergers and acquisitions, which are generally implemented in the country indices in which they occur. The second category consists of quarterly index reviews, aimed at promptly reflecting other significant market events. The third category consists of semi-annual index reviews that systematically re-assess the various dimensions of the equity universe.

Ongoing event-related changes to the country indices are the result of mergers, acquisitions, spin-offs, bankruptcies, reorganizations and other similar corporate events. They can also result from capital reorganizations in the form of rights

issues, stock bonus issues, public placements and other similar corporate actions that take place on a continuing basis. MSCI will remove from the index as soon as practicable securities of companies that file for bankruptcy or other protection from their creditors, that are suspended and for which a return to normal business activity and trading is unlikely in the near future, or that fail stock exchange listing requirements with a delisting announcement. Securities may also be considered for early deletion in other significant cases, such as decreases in free float and foreign ownership limits, or when a constituent company acquires or merges with a non-constituent company or spins-off another company. In practice, when a constituent company is involved in a corporate event which results in a significant decrease in the company's free float-adjusted market capitalization or the company decreases its foreign inclusion factor to below 0.15, the securities of that constituent company are considered for early deletion from the indices simultaneously with the event unless, in either case, it is a standard index constituent with a minimum free float-adjusted market capitalization that is not at least two-thirds of one-half of the standard index interim size segment cut-off. Share conversions may also give rise to an early deletion. All changes resulting from corporate events are announced prior to their implementation, provided all necessary information on the event is available.

MSCI's quarterly index review process is designed to ensure that the country indices continue to be an accurate reflection of evolving equity markets. This goal is achieved by timely reflecting significant market driven changes that were not captured in each index at the time of their actual occurrence and that should not wait until the semi-annual index review due to their importance. These quarterly index reviews may result in additions and deletions of component securities from a country index (or a security being removed from one country listing and represented by a different country listing) and changes in "foreign inclusion factors" and in number of shares. Additions and deletions to component securities may result from: the addition of large companies that did not meet the minimum size criterion for inclusion at the time of their initial public offering or secondary offering; the replacement of companies which are no longer suitable industry representatives; the deletion of securities whose overall free float has fallen to less than 15% and that do not meet specified criteria; the deletion of securities that have become very small or illiquid; and the addition or deletion of securities as a result of other market events. Significant changes in free float estimates and corresponding changes in the foreign inclusion factor for component securities may result from: large market transactions involving strategic shareholders that are publicly announced; secondary offerings that, given lack of sufficient notice or small size (less than 5% of the company's outstanding shares) were not reflected immediately; increases in foreign ownership limits; decreases in foreign ownership limits which did not require foreign investors to immediately sell shares in the market; corrections resulting from the reclassification of shareholders from strategic to nonstrategic, and vice versa, and/or updates to the number of shares outstanding; updates to foreign inclusion factors following the public disclosure of new shareholder structures for companies involved in mergers, acquisitions or spin-offs, where different from MSCI's pro forma free float estimate at the time of the event; conversions of exchangeable bonds and other similar securities into already existing share types; the end of lock-up periods or expiration of loyalty incentives for non-strategic shareholders; and changes in the foreign inclusion factor as a result of other events of similar nature. Small changes in the number of shares resulting from, for example, exercise of options or warrants, conversion of convertible bonds or other instruments or share buybacks, are generally updated at the quarterly index review rather than at the time of the change. The results of the quarterly index reviews are announced at least two weeks in advance of their effective implementation dates as of the close of the last business day of February and August. MSCI has noted that consistency is a factor in maintaining each component country index.

MSCI's semi-annual index review is designed to systematically reassess the component securities of the index. During each semiannual index review, the universe of component securities is updated and the global minimum size range for the index is recalculated, which is based on the full market capitalization and the cumulative free float-adjusted market capitalization coverage of each security that is eligible to be included in the index. The following index maintenance activities, among others, are undertaken during each semiannual index review: the list of countries in which securities may be represented by foreign listings is reviewed; the component securities are updated by identifying new equity securities that were not part of the index at the time of the previous quarterly index review; the minimum size requirement for the index is updated and new companies are evaluated relative to the new minimum

size requirement; existing component securities that do not meet the minimum liquidity requirements of the index may be removed (or, with respect to any such security that has other listings, a determination is made as to whether any such listing can be used to represent the security in the market investable universe); and changes in "foreign inclusion factors" are implemented. During a semi-annual index review, component securities may be added or deleted from a country index for a range of reasons, including the reasons discussed with respect to component securities changes during quarterly index reviews as discussed above. Foreign listings may become eligible to represent securities only from the countries that met the foreign listing materiality requirement during the previous semi-annual index review (this requirement is applied only to countries that do not yet include foreign listed securities). Once a country meets the foreign listing materiality requirement at a given semi-annual index review, foreign listings will remain eligible for such country even if the foreign listing materiality requirements are not met in the future.

The results of the semi-annual index reviews are announced at least two weeks in advance of their effective implementation date as of the close of the last business day of May and November.

Index maintenance also includes monitoring and completing adjustments for share changes, stock splits, stock dividends, and stock price adjustments due to company restructurings or spin-offs.

These guidelines and the policies implementing the guidelines are the responsibility of, and, ultimately, subject to adjustment by, MSCI.

License Agreement

The MSCI indices are the exclusive property of MSCI. MSCI and the MSCI index names are service mark(s) of MSCI or its affiliates and have been licensed for use for certain purposes by TD. The Notes referred to herein are not sponsored, endorsed, or promoted by MSCI, and MSCI bears no liability with respect to any such Notes. No purchaser, seller or holder of Notes, or any other person or entity, should use or refer to any MSCI trade name, trademark or service mark to sponsor, endorse, market or promote the Notes without first contacting MSCI to determine whether MSCI's permission is required. Under no circumstances may any person or entity claim any affiliation with MSCI without the prior written permission of MSCI.

Historical Information

The graph below shows the daily historical Closing Levels of the Reference Asset from January 1, 2007 through January 24, 2017.

We obtained the information regarding the historical performance of the Reference Asset in the graph below from Bloomberg.

We have not independently verified the accuracy or completeness of the information obtained from Bloomberg. The historical performance of the Reference Asset should not be taken as an indication of its future performance, and no assurance can be given as to the Final Level of the Reference Asset. We cannot give you assurance that the performance of the Reference Asset will result in any positive return on your initial investment.

PAST PERFORMANCE IS NOT INDICATIVE OF FUTURE RESULTS.

Supplemental Discussion of U.S. Federal Income Tax Consequences

General. The following is a general description of certain U.S. federal tax considerations relating to the Notes. Prospective purchasers of the Notes should consult their tax advisors as to the consequences under the tax laws of the country of which they are a resident for tax purposes and the tax laws of the U.S. of acquiring, holding and disposing of the Notes and receiving payments under the Notes. This summary is based upon the law as in effect on the date of this pricing supplement and is subject to any change in law that may take effect after such date. This discussion replaces the U.S. federal income tax discussions in the product prospectus supplement and accompanying prospectus.

This discussion applies to you only if you are the original investor in the Notes and you hold your Notes as capital assets for U.S. federal income tax purposes. This section does not apply to you if you are a member of a class of holders subject to special rules, such as:

- ·a dealer in securities or currencies,
- ·a trader in securities that elects to use a mark-to-market method of accounting for your securities holdings,
- ·a financial institution or a bank,
- ·a regulated investment company or a real estate investment trust or a common trust fund,
- ·a life insurance company,
- a tax-exempt organization or an investor holding the Notes in a tax-advantaged account (such as an "Individual Retirement Account" or "Roth IRA"),
- a person that owns Notes as part of a straddle or a hedging or conversion transaction, or who has entered into a "constructive sale" with respect to a note for tax purposes, or
- ·a U.S. holder (as defined below) whose functional currency for tax purposes is not the U.S. dollar.

This discussion is based on the Internal Revenue Code of 1986, as amended (the "Code"), its legislative history, existing and proposed regulations under the Code, published rulings and court decisions, all as currently in effect as of the date of this pricing supplement. These laws are subject to change, possibly on a retroactive basis.

This discussion, other than the section entitled "Non-U.S. Holders" below, is applicable to you only if you are a U.S. holder. You are a U.S. holder if you are a beneficial owner of a Note and you are: (i) a citizen or resident of the U.S., (ii) a domestic corporation, (iii) an estate whose income is subject to U.S. federal income tax regardless of its source, or (iv) a trust if a U.S. court can exercise primary supervision over the trust's administration and one or more U.S. persons are authorized to control all substantial decisions of the trust.

An individual may, subject to certain exceptions, be deemed to be a resident of the U.S. by reason of being present in the U.S. for at least 31 days in the calendar year and for an aggregate of at least 183 days during a three-year period ending in the current calendar year (counting for such purposes all of the days present in the current year, one-third of the days present in the immediately preceding year, and one-sixth of the days present in the second preceding year).

If a partnership holds the Notes, the U.S. federal income tax treatment of a partner will generally depend on the status of the partner and the tax treatment of the partnership. A partner in a partnership holding the Notes should consult its tax advisor with regard to the U.S. federal income tax treatment of an investment in the Notes.

Section 1297. We will not attempt to ascertain whether any of the Reference Asset Constituent Issuers would be treated as a "passive foreign investment company" ("PFIC") within the meaning of Section 1297 of the Code. If any such entity were so treated, certain adverse U.S. federal income tax consequences might apply upon the sale, exchange, redemption or maturity of a Note. You should refer to information filed with the SEC or the equivalent governmental authority by such entities and consult your tax advisor regarding the possible consequences to you if any such entity is or becomes a PFIC.

U.S. Tax Treatment. No statutory, judicial or administrative authority directly discusses how the Notes should be treated for U.S. federal income tax purposes. As a result, the U.S. federal income tax consequences of your investment in the Notes are uncertain. Accordingly, we urge you to consult your tax advisor as to the tax consequences of your investment in the Notes (and of having agreed to the required tax treatment of your Notes described below) and as to the application of state, local or other tax laws to your investment in your Notes and the possible effects of changes in federal or other tax laws.

Pursuant to the terms of the Notes, the Bank and you agree, in the absence of a statutory, regulatory, administrative or judicial ruling to the contrary, to characterize your Notes as pre-paid derivative contracts with respect to the Reference Asset. If your Notes are so treated, you should generally recognize gain or loss upon the sale, exchange, redemption or maturity of your Notes in an amount equal to the difference between the amount you receive at such time and the amount you paid for your Notes. Such gain or loss should generally be long-term capital gain or loss if you have held your Notes

for more than one year (otherwise such gain or loss should be short-term capital gain or loss). The deductibility of capital losses is subject to limitations.

In the opinion of our counsel, Cadwalader, Wickersham & Taft LLP, it would be reasonable to treat your Notes in the manner described above. However, because there is no authority that specifically addresses the tax treatment of the Notes, it is possible that your Notes could alternatively be treated for tax purposes as a single contingent payment debt instrument, or pursuant to some other characterization, such that the timing and character of your income from the Notes could differ materially from the treatment described above.

Possible Change in Law. The Internal Revenue Service ("IRS") released a notice that may affect the taxation of holders of the Notes. According to Notice 2008-2, the IRS and the Treasury Department are actively considering whether a holder of an instrument such as the Notes should be required to accrue ordinary income on a current basis, and they are seeking taxpayer comments on the subject. It is not possible to determine what guidance they will ultimately issue, if any. It is possible, however, that under such guidance, holders of the Notes will ultimately be required to accrue income currently and this could be applied on a retroactive basis. The IRS and the Treasury Department are also considering other relevant issues, including whether additional gain or loss from such instruments should be treated as ordinary or capital, whether foreign holders of such instruments should be subject to withholding tax on any deemed income accruals, and whether the special "constructive ownership rules" of Section 1260 of the Code should be applied to such instruments.

In 2007, legislation was introduced in Congress that, if it had been enacted, would have required holders of Notes purchased after the bill was enacted to accrue interest income over the term of the Notes despite the fact that there will be no interest payments over the term of the Notes. It is not possible to predict whether a similar or identical bill will be enacted in the future, or whether any such bill would affect the tax treatment of your Notes.

Additionally, in 2013, the House Ways and Means Committee released in draft form certain proposed legislation relating to financial instruments. If enacted, the effect of this legislation generally would be to require instruments such as the Notes to be marked to market on an annual basis with all gains and losses to be treated as ordinary, subject to certain exceptions.

It is impossible to predict what any such legislation or administrative or regulatory guidance might provide, and whether the effective date of any legislation or guidance will affect Notes that were issued before the date that such legislation or guidance is issued. You are urged to consult your tax advisor as to the possibility that any legislative or administrative action may adversely affect the tax treatment of your Notes.

Medicare Tax on Net Investment Income. U.S. holders that are individuals or estates and certain trusts are subject to an additional 3.8% tax on all or a portion of their "net investment income," or "undistributed net investment income" in the case of an estate or trust, which may include any income or gain with respect to the Notes, to the extent of their net investment income or undistributed net investment income (as the case may be) that, when added to their other modified adjusted gross income, exceeds \$200,000 for an unmarried individual, \$250,000 for a married taxpayer filing a joint return (or a surviving spouse), \$125,000 for a married individual filing a separate return, or the dollar amount at which the highest tax bracket begins for an estate or trust (which, in 2016, is \$12,400). The 3.8% Medicare tax is determined in a different manner than the regular income tax. U.S. holders should consult their advisors with respect to the 3.8% Medicare tax.

Specified Foreign Financial Assets. U.S. holders may be subject to reporting obligations with respect to their Notes if they do not hold their Notes in an account maintained by a financial institution and the aggregate value of their Notes and certain other "specified foreign financial assets" (applying certain attribution rules) exceeds \$50,000. Significant penalties can apply if a U.S. holder is required to disclose its Notes and fails to do so.

Treasury Regulations Requiring Disclosure of Reportable Transactions. Treasury regulations require U.S. taxpayers to report certain transactions ("Reportable Transactions") on IRS Form 8886. An investment in the Notes or a sale of the Notes should generally not be treated as a Reportable Transaction under current law, but it is possible that future legislation, regulations or administrative rulings could cause your investment in the Notes or a sale of the Notes to be treated as a Reportable Transaction. You should consult with your tax advisor regarding any tax filing and reporting obligations that may apply in connection with acquiring, owning and disposing of Notes.

Backup Withholding and Information Reporting. The proceeds received from a sale, exchange, redemption or maturity of the Notes will be subject to information reporting unless you are an "exempt recipient" and may also be subject to backup withholding at the rate specified in the Code if you fail to provide certain identifying information (such as an accurate taxpayer number, if you are a U.S. holder) or meet certain other conditions.

Amounts withheld under the backup withholding rules are not additional taxes and may be refunded or credited against your U.S. federal income tax liability, provided the required information is furnished to the IRS.

Non-U.S. Holders. This section applies only if you are a non-U.S. holder. For these purposes, you are a non-U.S. holder if you are the beneficial owner of the Notes and are, for U.S. federal income tax purposes:

- ·a non-resident alien individual;
- ·a non-U.S. corporation; or
- an estate or trust that, in either case, is not subject to U.S. federal income tax on a net income basis on income or gain from the Notes.

If you are a non-U.S. holder, you should generally not be subject to U.S. withholding tax with respect to payments on your Notes or to generally applicable information reporting and backup withholding requirements with respect to payments on your Notes if you comply with certain certification and identification requirements as to your foreign status including providing us (and/or the applicable withholding agent) a properly executed and fully completed applicable IRS Form W-8. Subject to Sections 897 and 871(m) of the Code, as discussed below, gain from the sale, exchange, redemption or maturity of the Notes generally will not be subject to U.S. tax unless such gain is effectively connected with a trade or business conducted by you in the U.S. or unless you are a non-resident alien individual and are present in the U.S. for 183 days or more during the taxable year of such sale, exchange, redemption or maturity and certain other conditions are satisfied.

Section 871(m). A 30% withholding tax (which may be reduced by an applicable income tax treaty) is imposed under Section 871(m) of the Code on certain "dividend equivalents" paid or deemed paid to a non-U.S. holder with respect to a "specified equity-linked instrument" that references one or more dividend-paying U.S. equity securities or indices containing U.S. equity securities. The withholding tax can apply even if the instrument does not provide for payments that reference dividends. Treasury regulations provide that the withholding tax applies to all dividend equivalents paid or deemed paid on specified equity-linked instruments issued after 2016.

However, on December 2, 2016, the IRS issued Notice 2016-76, which states that the Treasury Department and the IRS intend to amend the applicability dates of the Treasury regulations under Section 871(m) of the Code to provide that the withholding tax will apply to all dividend equivalents paid or deemed paid on specified equity-linked instruments that have a delta of one ("delta one specified equity-linked instruments") issued after 2016 and to all dividend equivalents paid or deemed paid on all other specified equity-linked instruments issued after 2017.

Based on our determination that the Notes are not "delta-one" with respect to the Reference Asset or any U.S. Reference Asset Constituent our counsel is of the opinion that the Notes should not be delta one specified equity-linked instruments and thus should not be subject to withholding on dividend equivalents. Our determination is not binding on the IRS, and the IRS may disagree with this determination. Furthermore, the application of Section 871(m) of the Code will depend on our determinations made upon issuance of the Notes. If withholding is required, we will not make payments of any additional amounts.

Nevertheless, after issuance, it is possible that your Notes could be deemed to be reissued for tax purposes upon the occurrence of certain events affecting the Reference Asset or the Reference Asset Constituents or your Notes, and following such occurrence your Notes could be treated as delta one specified equity-linked instruments that are subject to withholding on dividend equivalents. It is also possible that withholding tax or other tax under Section 871(m) of the Code could apply to the Notes under these rules if a non-U.S. holder enters, or has entered, into certain other transactions in respect of the Reference Asset or the Reference Asset Constituents or the Notes. A non-U.S. holder that enters, or has entered, into other transactions in respect of the Reference Asset or the Reference Asset Constituents or the Notes should consult its own tax advisor regarding the application of Section 871(m) of the Code to its Notes in the context of its other transactions.

Because of the uncertainty regarding the application of the 30% withholding tax on dividend equivalents to the Notes, you are urged to consult your own tax advisor regarding the potential application of Section 871(m) of the Code and the 30% withholding tax to an investment in the Notes.

As discussed above, alternative characterizations of the Notes for U.S. federal income tax purposes are possible. Should an alternative characterization of the Notes cause payments with respect to the Notes to become subject to withholding tax, we will withhold tax at the applicable statutory rate and we will not make payments of any additional amounts.

Both U.S. and non-U.S. holders should consult their tax advisors regarding the U.S. federal income tax consequences of an investment in the Notes, as well as any tax consequences arising under the laws of any state, local or non-U.S. taxing jurisdiction (including that of the Bank).

Supplemental Plan of Distribution (Conflicts of Interest)

We have appointed TDS, an affiliate of TD, as the agent for the sale of the Notes. Pursuant to the terms of a distribution agreement, TDS will purchase the Notes from TD at the public offering price less the underwriting discount set forth on the cover page of this pricing supplement for distribution to GS&Co., or will offer the Notes directly to investors. GS&Co. and its affiliates will receive a discount of \$15.10 per \$1,000 principal amount, comprised of \$2.50 of fees and \$12.60 of selling commission for Notes that it sells to investors. The Issuer or an affiliate expects to enter into swap agreements or related hedge transactions with Goldman Sachs International and/or its affiliates in connection with the sale of the Notes, and Goldman Sachs International and/or an affiliate may earn income as a result of payments pursuant to the swap, or the related hedge transactions. See "Supplemental Plan of Distribution (Conflicts of Interest)" in the product prospectus supplement. TD will reimburse TDS for certain expenses in connection with its role in the offer and sale of the Notes, and TD will pay TDS a fee in connection with its role in the offer and sale of the Notes.

We expect that delivery of the Notes will be made against payment for the Notes on or about [], which is the fifth (5th) Business Day following the Pricing Date (this settlement cycle being referred to as "T+5"). Under Rule 15c6-1 of the Securities Exchange Act of 1934, trades in the secondary market generally are required to settle in three Business Days, unless the parties to any such trade expressly agree otherwise. Accordingly, if the initial settlement of the Notes occurs more than three Business Days from the Pricing Date, purchasers who wish to trade the Notes more than three Business Days prior to the Issue Date will be required to specify alternative settlement arrangements to prevent a failed settlement.

Conflicts of Interest. TDS is an affiliate of TD and, as such, has a "conflict of interest" in this offering within the meaning of Financial Industry Regulatory Authority, Inc. ("FINRA") Rule 5121. In addition, TD will receive the net proceeds from the initial public offering of the Notes, thus creating an additional conflict of interest within the meaning of FINRA Rule 5121. Consequently, the offering is being conducted in compliance with the provisions of FINRA Rule 5121. TDS is not permitted to sell Notes in this offering to an account over which it exercises discretionary authority without the prior specific written approval of the account holder.

We or GS&Co., or any of our or their respective affiliates, may use this pricing supplement in the initial sale of the Notes. In addition, we or GS&Co. or any of our or their respective affiliates may use this pricing supplement in a market-making transaction in a Note after its initial sale. If a purchaser buys the Notes from us or GS&Co. or any of our or their respective affiliates, this pricing supplement is being used in a market-making transaction unless we or GS&Co. or any of our or their respective affiliates informs such purchaser otherwise in the confirmation of sale.