



| Reference Entity * | Region | Reference Obligation | Issuer | Coupon | Maturity | Date Added |
|---------------------------------------|--------|----------------------|------------------|--------|-----------|------------|
| 1 GAZPROM PUBLIC JOINT STOCK COMPANY | EMEA | XS0424860947 | Gaz Capital S.A. | 9.25 | 23 Apr 19 | 17 Jul 15 |
| 2 GAZPROM PUBLIC JOINT STOCK COMPANY | EMEA | CH0226274261 | Gaz Capital S.A. | 2.85 | 25 Oct 19 | 17 Jul 15 |
| 3 GAZPROM PUBLIC JOINT STOCK COMPANY | EMEA | US368266AS16 | Gaz Capital S.A. | 3.85 | 6 Feb 20 | 17 Jul 15 |
| 4 GAZPROM PUBLIC JOINT STOCK COMPANY | EMEA | XS0885733153 | Gaz Capital S.A. | 3.85 | 6 Feb 20 | 17 Jul 15 |
| 5 GAZPROM PUBLIC JOINT STOCK COMPANY | EMEA | XS0906946008 | Gaz Capital S.A. | 3.389 | 20 Mar 20 | 17 Jul 15 |
| 6 GAZPROM PUBLIC JOINT STOCK COMPANY | EMEA | XS0974126186 | Gaz Capital S.A. | 5.338 | 25 Sep 20 | 17 Jul 15 |
| 7 GAZPROM PUBLIC JOINT STOCK COMPANY | EMEA | XS0708813810 | Gaz Capital S.A. | 5.999 | 23 Jan 21 | 17 Jul 15 |
| 8 GAZPROM PUBLIC JOINT STOCK COMPANY | EMEA | US368266AF94 | Gaz Capital S.A. | 6.51 | 7 Mar 22 | 17 Jul 15 |
| 9 GAZPROM PUBLIC JOINT STOCK COMPANY | EMEA | XS0290580595 | Gaz Capital S.A. | 6.51 | 7 Mar 22 | 17 Jul 15 |
| 10 GAZPROM PUBLIC JOINT STOCK COMPANY | EMEA | XS0805570354 | Gaz Capital S.A. | 4.95 | 19 Jul 22 | 17 Jul 15 |
| 11 GAZPROM PUBLIC JOINT STOCK COMPANY | EMEA | US368266AR33 | Gaz Capital S.A. | 4.95 | 19 Jul 22 | 17 Jul 15 |
| 12 GAZPROM PUBLIC JOINT STOCK COMPANY | EMEA | XS0906949523 | Gaz Capital S.A. | 4.364 | 21 Mar 25 | 17 Jul 15 |
| 13 GAZPROM PUBLIC JOINT STOCK COMPANY | EMEA | XS0885736925 | Gaz Capital S.A. | 4.95 | 6 Feb 28 | 17 Jul 15 |
| 14 GAZPROM PUBLIC JOINT STOCK COMPANY | EMEA | US368266AT98 | Gaz Capital S.A. | 4.95 | 6 Feb 28 | 17 Jul 15 |
| 15 GAZPROM PUBLIC JOINT STOCK COMPANY | EMEA | XS08266AA08 | Gaz Capital S.A. | 8.625 | 28 Apr 34 | 17 Jul 15 |
| 16 GAZPROM PUBLIC JOINT STOCK COMPANY | EMEA | XS0191754729 | Gaz Capital S.A. | 8.625 | 28 Apr 34 | 17 Jul 15 |
| 17 GAZPROM PUBLIC JOINT STOCK COMPANY | EMEA | XS0316524130 | Gaz Capital S.A. | 7.288 | 16 Aug 37 | 17 Jul 15 |
| 18 GAZPROM PUBLIC JOINT STOCK COMPANY | EMEA | US368266AH50 | Gaz Capital S.A. | 7.288 | 16 Aug 37 | 17 Jul 15 |

| Reference Entity | Region | Expired Reference Obligation | Issuer | Coupon | Maturity | Date Removed |
|---------------------------------------|--------|------------------------------|------------------|--------|-----------|--------------|
| 1 GAZPROM PUBLIC JOINT STOCK COMPANY | EMEA | XS0562354182 | GAZ CAPITAL SA | 5.092 | 29 Nov 15 | 29 Nov 15 |
| 2 GAZPROM PUBLIC JOINT STOCK COMPANY | EMEA | US368266AN29 | GAZ CAPITAL SA | 5.092 | 29 Nov 15 | 29 Nov 15 |
| 3 GAZPROM PUBLIC JOINT STOCK COMPANY | EMEA | XS0708813653 | Gaz Capital S.A. | 4.95 | 23 May 16 | 23 May 16 |
| 4 GAZPROM PUBLIC JOINT STOCK COMPANY | EMEA | US368266AP76 | Gaz Capital S.A. | 4.95 | 23 May 16 | 23 May 16 |
| 5 GAZPROM PUBLIC JOINT STOCK COMPANY | EMEA | US368266AE20 | Gaz Capital S.A. | 6.212 | 22 Nov 16 | 22 Nov 16 |
| 6 GAZPROM PUBLIC JOINT STOCK COMPANY | EMEA | XS0276466315 | Gaz Capital S.A. | 6.212 | 22 Nov 16 | 22 Nov 16 |
| 7 GAZPROM PUBLIC JOINT STOCK COMPANY | EMEA | XS0805582011 | Gaz Capital S.A. | 3.755 | 15 Mar 17 | 15 Mar 17 |
| 8 GAZPROM PUBLIC JOINT STOCK COMPANY | EMEA | US368266AD47 | Gaz Capital S.A. | 5.136 | 22 Mar 17 | 22 Mar 17 |
| 9 GAZPROM PUBLIC JOINT STOCK COMPANY | EMEA | XS0276455937 | Gaz Capital S.A. | 5.136 | 22 Mar 17 | 22 Mar 17 |
| 10 GAZPROM PUBLIC JOINT STOCK COMPANY | EMEA | US368266AG77 | Gaz Capital S.A. | 5.44 | 2 Nov 17 | 2 Nov 17 |
| 11 GAZPROM PUBLIC JOINT STOCK COMPANY | EMEA | XS0290581569 | Gaz Capital S.A. | 5.44 | 2 Nov 17 | 2 Nov 17 |
| 12 GAZPROM PUBLIC JOINT STOCK COMPANY | EMEA | XS0327237136 | Gaz Capital S.A. | 6.605 | 13 Feb 18 | 13 Feb 18 |
| 13 GAZPROM PUBLIC JOINT STOCK COMPANY | EMEA | US368287AE82 | Gaz Capital S.A. | 8.146 | 11 Apr 18 | 11 Apr 18 |
| 14 GAZPROM PUBLIC JOINT STOCK COMPANY | EMEA | XS0357281558 | Gaz Capital S.A. | 8.146 | 11 Apr 18 | 11 Apr 18 |
| 15 GAZPROM PUBLIC JOINT STOCK COMPANY | EMEA | XS0954912514 | Gaz Capital S.A. | 3.7 | 25 Jul 18 | 25 Jul 18 |

* The Reference entity was previously known as JSC "GAZPROM". The later was renamed to GAZPROM PUBLIC JOINT STOCK COMPANY on 17 July 2015.

The data displayed here is the proprietary property of Markit Group Limited and may be used for informational and analytical purposes only. Unless you are in possession of a valid license, you may not (i) use the data for executing or processing trades in any way, including but not limited to, trade execution, trade matching, trade confirmation and trade settlement, (ii) copy, share, sell, distribute, redistribute, or otherwise make the data available to any other party or (iii) use the data contained herein in any other manner, or for other internal or external business purposes. To obtain a license, please contact Markit Group on +44 (0)20 7260 2345 or info@Markit.com.

The senders and recipients of this data acknowledge and agree that no duty of care is owed to them or to any other users by any Data Provider, and that use of the data creates no lawyer-client relationship between the user and/or any other user, and any Data Provider.

"Data Provider" means those persons who developed, compiled, prepared, revised, selected and arranged the Services (including without limitation certain information sources, professional advisors and other persons or entities that have participated in any respect in the development or collection of the Services or any data or information contained therein).

NEITHER MARKIT GROUP LIMITED, ITS AFFILIATES NOR ANY DATA PROVIDER OR OTHER PERSON OR ENTITY MAKES ANY WARRANTY, EXPRESS OR IMPLIED, AS TO RESULTS TO BE ATTAINED BY SUBSCRIBER OR OTHERS FROM THE USE OF THIS DOCUMENT, AND THERE ARE NO EXPRESS OR IMPLIED WARRANTIES OF CONDITION OF QUALITY OR ANY EXPRESS OR IMPLIED WARRANTY OF TITLE, NON-INFRINGEMENT, MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE OR USE. BY USE OF THIS DOCUMENT, YOU ACKNOWLEDGE THAT YOU HAVE NOT RELIED UPON ANY WARRANTY, GUARANTY OR REPRESENTATION MADE BY MARKIT GROUP LIMITED OR ANY OTHER PERSON OR ENTITY.

NEITHER MARKIT GROUP LIMITED, ITS AFFILIATES NOR ANY OTHER PERSON OR ENTITY SHALL IN ANY WAY BE LIABLE TO THE USER OF THIS DOCUMENTOR ANY CLIENT OF SUCH USER FOR ANY INACCURACIES, ERRORS OR OMISSIONS, REGARDLESS OF CAUSE, IN THE INFORMATION AVAILABLE ON THIS DOCUMENT OR FOR ANY DAMAGES (WHETHER DIRECT OR INDIRECT) RESULTING THEREFROM. UNDER NO CIRCUMSTANCES WILL MARKIT GROUP LIMITED BE LIABLE FOR ANY INDIRECT, INCIDENTAL, SPECIAL, CONSEQUENTIAL OR LOST PROFITS DAMAGES WITH RESPECT TO THE USE OF THIS DOCUMENT OR THE INFORMATION AVAILABLE HEREIN, REGARDLESS OF WHETHER SUCH DAMAGES COULD HAVE BEEN FORESEEN OR PREVENTED.