

Japan Credit Rating Agency, Ltd. (JCR) announces the following credit rating.

## **Tokyo Electric Power Company Holdings, Incorporated** (security code: 9501)

<Affirmation>

Long-term Issuer Rating: A  
Outlook: Stable  
Bonds: A  
CP: J-1

## **TEPCO Power Grid, Incorporated** (security code: -)

<Affirmation>

Long-term Issuer Rating: A  
Outlook: Stable  
Bonds: A  
Shelf Registration: Preliminary A

### *Rationale*

- (1) Tokyo Electric Power Company Holdings, Incorporated (“HD”) controls Tokyo Electric Power Group (the “Group”) as an operating holding company. As a wholly-owned subsidiary of HD, TEPCO Power Grid, Incorporated (“PG”) assumes general power transmission and distribution business in the Group’s power business. PG is positioned as one of the core companies including HD in the Group. Given the strong integrity among the core companies in light of governance, earnings structure, flow of funds and so on, JCR reflects the Group’s creditworthiness in ratings on HD and PG.
- (2) In line with the Revised New Comprehensive Special Business Plan (“RNCSBP”), HD is promoting compensation and decommissioning pertaining to the Fukushima nuclear accident in tandem with the central government and the Nuclear Damage Compensation and Decommissioning Facilitation Corporation (“NDF”). There have been no changes to the central government’s stance on involvement with HD. Moreover, HD clarified expenditure estimates for removing fuel debris, based on the “medium-to long-term decommissioning execution plan 2020” describing major work processes for decommissioning over the next ten years or so. As in the past, given the stability of the compensation/decommissioning scheme and the Group’s cash flow generating ability, there will be no specific concerns about the cost burden for compensation/decommissioning. JCR assumes that the Group’s business performance and financial stability will be maintained going forward. Taking the above into consideration, JCR affirmed the ratings on HD and PG with Stable outlook.
- (3) The Group as a whole maintains a certain level of earnings thanks to continued cost reduction efforts by PG, while absorbing costs associated with compensation/decommissioning. JCR, however, is paying attention to declining earnings capacity on the sales front. The Group is revising the business strategy by currently focusing on providing high-value added services, other than putting importance on profitability-oriented management, and eye should be on the effects. Focuses for rating should be on promotion in “kaizen” activities, effects of synergy from establishment of JERA Co., Inc., recommencement of operation of the Kashiwazaki-Kariwa Nuclear Power Station, etc., while checking whether there are no significant policy shifts made to the Comprehensive Special Business Plan for the next period.
- (4) On the financial front, the equity ratio improved to 24.3% as of March 31, 2020 (compared with 22.6% a year before) thank to an increase in equity capital through profit accumulation as well as a decrease in total assets as a result of the transfer of assets and liabilities to JERA. Despite the heavy burden of costs associated with compensation/decommissioning, HD’s financial base will unlikely worsen significantly, given earnings trends and the stability of the system for compensation /decommissioning.
- (5) PG’s earnings and cash flows are stable, reflecting its business characteristics. PG is making contributions to the Group by underpinning its business performance and funds. Under the RNCSBP, PG’s excess profit generated through reduction of costs for power transmission and distribution will be preferentially appropriated for the Group’s decommissioning funds. JCR

assumes that PG will be able to continue to provide an amount of money required under the RNCBP in light of its cash flow generating ability.

Shigenobu Tonomura, Tadashi Ono

### Rating

Issuer: Tokyo Electric Power Company Holdings, Incorporated

#### <Affirmation>

Long-term Issuer Rating: A Outlook: Stable

Issue	Amount (JPY mn)	Issue Date (yyyy.mm.dd)	Due Date (yyyy.mm.dd)	Coupon (%)	Rating
Bonds no. 547	50,000	2008.07.24	2020.07.24	1.948	A
Bonds no. 548	60,000	2008.09.29	2028.09.29	2.347	A
Bonds no. 551	50,000	2008.11.28	2028.11.28	2.401	A
Bonds no. 553	50,000	2009.02.27	2029.02.27	2.205	A
Bonds no. 556	30,000	2009.07.16	2021.07.16	1.63	A
Bonds no. 560	35,000	2009.12.10	2029.12.10	2.114	A
Bonds no. 564	25,000	2010.05.28	2040.05.28	2.366	A
Bonds no. 565	30,000	2010.06.24	2020.06.24	1.313	A
Bonds no. 566	30,000	2010.07.29	2020.07.29	1.222	A
Bonds no. 567	20,000	2010.07.29	2030.07.29	1.958	A
Bonds no. 568	30,000	2010.09.08	2020.09.08	1.155	A

(with general security for all bonds)

CP: J-1

Maximum: JPY 800 billion

Issuer: TEPCO Power Grid, Incorporated

#### <Affirmation>

Long-term Issuer Rating: A Outlook: Stable

Issue	Amount (JPY mn)	Issue Date (yyyy.mm.dd)	Due Date (yyyy.mm.dd)	Coupon (%)	Rating
Bonds no. 2	50,000	2017.03.09	2022.03.09	0.580	A
Bonds no. 3	50,000	2017.06.20	2022.06.20	0.520	A
Bonds no. 4	20,000	2017.06.20	2024.06.20	0.690	A
Bonds no. 5	70,000	2017.08.31	2022.08.31	0.480	A
Bonds no. 6	30,000	2017.08.31	2027.08.31	0.850	A
Bonds no. 7	50,000	2017.10.24	2022.10.24	0.460	A
Bonds no. 8	50,000	2017.10.24	2027.10.22	0.810	A
Bonds no. 9	30,000	2017.12.14	2029.12.14	0.940	A
Bonds no. 10	50,000	2018.01.25	2023.01.25	0.450	A
Bonds no. 11	50,000	2018.01.25	2028.01.25	0.790	A
Bonds no. 12	50,000	2018.04.19	2023.04.19	0.440	A
Bonds no. 13	50,000	2018.04.19	2028.04.19	0.770	A
Bonds no. 14	50,000	2018.07.24	2023.07.24	0.430	A
Bonds no. 15	50,000	2018.07.24	2030.07.24	0.890	A
Bonds no. 16	50,000	2018.09.13	2025.09.12	0.570	A
Bonds no. 17	50,000	2018.10.18	2023.10.18	0.430	A
Bonds no. 18	50,000	2018.10.18	2028.10.18	0.830	A
Bonds no. 19	15,000	2018.12.13	2021.12.13	0.290	A
Bonds no. 20	35,000	2018.12.13	2033.12.13	1.160	A
Bonds no. 21	10,000	2019.01.28	2024.01.26	0.580	A
Bonds no. 22	20,000	2019.01.28	2029.01.26	0.950	A
Bonds no. 23	20,000	2019.01.28	2034.01.27	1.200	A
Bonds no. 24	40,000	2019.04.24	2024.04.24	0.610	A
Bonds no. 25	50,000	2019.04.24	2029.04.24	1.020	A
Bonds no. 26	30,000	2019.04.24	2034.04.24	1.310	A
Bonds no. 27	70,000	2019.07.10	2024.07.10	0.600	A
Bonds no. 28	80,000	2019.07.10	2029.07.10	1.010	A
Bonds no. 29	60,000	2019.07.10	2034.07.10	1.300	A
Bonds no. 30	70,000	2019.10.09	2024.10.09	0.580	A
Bonds no. 31	70,000	2019.10.09	2029.10.09	0.980	A
Bonds no. 32	60,000	2019.10.09	2034.10.06	1.280	A
Bonds no. 33	50,000	2020.01.27	2027.01.27	0.680	A
Bonds no. 34	60,000	2020.04.23	2025.04.23	0.750	A
Bonds no. 35	70,000	2020.04.23	2030.04.23	1.200	A

Bonds no. 36	50,000	2020.04.23	2035.04.23	1.450	A
Bonds no. 37	100,000	2020.06.11	2023.06.09	0.290	A

(with general security for all bonds)

Shelf Registration: Preliminary A

Maximum: JPY 1 trillion

Valid: two years effective from June 21, 2019

Rating Assignment Date: June 16, 2020

The criteria used for identifying matters which serve as assumptions for the assessment of the credit status, and the criteria used for setting of grades indicating the results of the assessments of the credit status are published as "Types of Credit Ratings and Definitions of Rating Symbols" (January 6, 2014) in Information about JCR Ratings on JCR's website (<https://www.jcr.co.jp/en/>).

Outline of methodology for determination of the credit rating is shown as "JCR's Rating Methodology" (November 7, 2014), "Electric Power" (May 29, 2020), "Rating Viewpoints on Pure Holding Companies (Domestic Industrial Corporations)" (July 1, 2003), "Rating Methodology for a Holding Company" (January 26, 2015), and "Rating Perspectives for subsidiary companies" (December 14, 2007) in Information about JCR Ratings on JCR's website (<https://www.jcr.co.jp/en/>).

**Glossary:**

A preliminary rating is a credit rating assigned as a preliminary evaluation while material terms for issue to be rated are not yet finalized. When the issuing terms are finalized, JCR will confirm them and will assign a credit rating anew. The rating level of the final rating may be different from that of the preliminary rating, depending on the final content of the terms, etc.

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JCR publishes its press releases regarding the rating actions both in Japanese and in English on the same day. In case that it takes time to translate rating rationale, JCR may publicize the summary version, which will be replaced by the full translated version within three business days. (Regarding Structured Finance products, JCR only publicize the summary version in English.)

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INFORMATION DISCLOSURE FORM

Japan Credit Rating Agency, Ltd.

## Disclosure Required by Paragraph (a)(1)(ii) of Rule 17g-7

Issuer:	Tokyo Electric Power Company Holdings, Incorporated
Rating Publication Date:	June 19, 2020

1

The Symbol, Number, or Score in the Rating Scale used to Denote Credit Rating Categories and Notches and, the Identity of the Obligor or the Identity and a Description of the Security or Money Market Instrument as Required by Paragraph (a)(1)(ii)(A) of Rule 17g-7

- Please see the news release.

2

The version of the procedure or methodology used to determine the credit rating; as Required by Paragraph (a)(1)(ii)(B) of Rule 17g-7

- Please see the news release.

3

The Main Assumptions and Principles used in Constructing the Procedures and Methodologies used to Determine the Credit Rating as Required by Paragraph (a)(1)(ii)(C) of Rule 17g-7

- The credit rating methodology assumes, in principle, to be applied to assess the likelihood of a given debt payment in light of its issuer's condition and business environment, etc. in the relevant future. There is certain limitation, however, in the time horizon that the rating foresees.
- The credit rating methodology assumes, in principle, that the factors posted in the below are particularly important for such likelihood to be determined, and that the rating determination is made by evaluating each of them not only quantitatively but also employing qualitative analyses.

A) Business Bases

The likelihood of a given debt payment is highly conditional to its issuer's business bases - how they can be maintained/ expanded into the future and thereby secure earnings and cash flows in adequacy and in a sustainable way.

B) Financial Grounds and Asset Quality

The likelihood of debt payment is highly dependent on the degree of the issuer's indebtedness and loss absorption capacity in terms of equity capital. Also notable is that a financial institution might see a significant loss of financial grounds as a result of changes in value of the assets under its possession.

C) Liquidity Positions

The likelihood of debt payment is highly dependent on the adequacy of the issuer's cash and other sources of repayment (liquidity positions).

D) Related Parties' Status and Stance of Support/ Assistance for the Issuer

The likelihood of debt payment is affected one way or the other by the issuer's related parties such as parent company, subsidiary, guarantor, and the government of the issuer's business domicile, etc. - by their own conditions and/ or position of support/ assistance for the issuer.

E) Order of Seniority in Debt Payment

The likelihood of debt payment can be different between given debts of the same issuer. The likelihood of debt payment for an individual debt is dependent on the issuer's discretion, and/ or its rank relative to other debts of the same issuer in the order of seniority in principal/ interest payment which is determined by design as financial product or by laws, etc.

4 The Potential Limitations of the Credit Rating as Required by Paragraph (a)(1)(ii)(D) of Rule 17g-7

- The credit rating herewith presented by JCR is its summary opinion with regard to the likelihood of given debt payment and hence not necessarily a perfect representation of such likelihood. The credit rating is not intended to estimate the probability of default or the loss on given default, either.
- The objective of the credit rating herewith presented does not include any concerns other than the likelihood of debt payment, such as risks of price changes, market liquidity, etc.
- The credit rating herewith presented is necessary to be reviewed along with possible changes of the issuer of rated objects in its business performance and/ or circumstances which include regulatory environment, and hence subject to possible alteration.

5 Information on the Uncertainty of the Credit Rating as Required by Paragraph (a)(1)(ii)(E) of Rule 17g-7

- The information used for the determination of credit rating as herewith presented is obtained by JCR from the issuer of rated objects and other sources that JCR trusts in terms of accuracy and reliability but possibly contains errors due to human, non-human or other causes. Consequently, the credit rating determined on the grounds of such information does not constitute, explicitly or implicitly, any representation or warrant of JCR on the information itself or any consequences of its use in terms of accuracy, relevance, timeliness, wholeness, market value, or usefulness for any specific purposes.

6 Use of Due Diligence Services of a Third Party in Taking the Rating Action as Required by Paragraph (a)(1)(ii)(F) of Rule 17g-7

- There is no use of any third-party due diligence service in the determination of the credit rating herewith presented.

7 Use of Servicer or Remittance Reports to Conduct Surveillance of the Credit Rating Required by Paragraph (a)(1)(ii)(G) of Rule 17g-7

- There is no use of any servicer or remittance report to conduct surveillance of the credit rating herewith presented.

8 The Types of Data Relied Upon for the Purpose of Determining the Credit Rating as Required by Paragraph (a)(1)(ii)(H) of Rule 17g-7

- The information posted in the below, which includes data, is used for the determination of the credit rating herewith presented.

A) Audited financial statements presented by the rating stakeholders

B) Explanations of business performance, management plans, etc. presented by the rating stakeholders

## 9 Overall assessment of the Quality of Information Available and Considered in Determining the Credit Rating as Required by Paragraph (a)(1)(ii)(I) of Rule 17g-7

- JCR holds its basic policies for securing the quality of information as a base of due diligence for the determination of credit ratings. The information used as a base for the determination of credit rating herewith presented satisfies such policies, which include the audit by an independent auditor, the publication by the issuer or some independent media or, otherwise, JCR analyst's scrutiny, etc.
- JCR sees no particular weakness in the quality of information used for the determination of the credit rating herewith presented as compared to the information used in other cases of the credit rating for comparable issuers or ratable objects.

## 10 Information Relating to Conflicts of Interest as Required by Paragraph (a)(1)(ii)(J) of Rule 17g-7

- JCR receives payment of compensation for the determination of the credit rating herewith presented from either one of those parties who are issuer, underwriter, depositor or sponsor.
- JCR did not receive in the last fiscal year in the past payment of compensation from the same party for any kind of JCR's service other than the determination of credit rating, such as one in the ancillary business.

## 11 Explanation or Measure of the Potential Volatility of the Credit Rating as Required by Paragraph (a)(1)(ii)(K) of Rule 17g-7

### A) Business Bases

The credit rating is subject to alteration if there is improvement or deterioration of the issuer's business bases, since its revenue, etc. may improve or deteriorate by the change in its business management policies, clients' preferences, competitive situation, or a technological innovation. The resultant alteration of the credit rating is usually by a notch, with possibility of a few notches if and when the change in the business bases is large.

### B) Financial Grounds and Asset Quality

The credit rating is subject to alteration if the issuer increases/ decreases its debt/ capital or vice versa and thereby makes its individual debt payment liability less or more bearable and its loss absorption capacity into the future decreased or increased. Also, the changes in the quality of asset under the issuer's holding may affect the credit rating, since such changes could raise or lower the likelihood of future loss of the issuer's financial grounds. The resultant alteration of the credit rating is usually by a notch, with possibility of a few notches if and when the change in the financial grounds and/ or asset quality is large.

### C) Liquidity Positions

The credit rating is subject to alteration if there is a change in the issuer's financial management policy or in the relations with fund procurement sources and the change thereby makes its liquidity positions improve or deteriorate. The resultant alteration of the credit rating is usually by a notch, with possibility of a few notches if and when the change is large.

### D) Related Parties' Status and Stance of Support/ Assistance for the Issuer

The credit rating is subject to alteration if there is a change in the issuer's parent company or subsidiary, guarantor or other provider of credit enhancement, or the government of the issuer's

business domicile, or other related parties' own conditions and/ or position of support/ assistance for the issuer, and the change thereby makes its business bases, financial grounds and/ or liquidity positions improve or deteriorate, and/ or making the effectiveness of guarantee and other credit enhancement improve or deteriorate. The resultant alteration of the credit rating is usually a notch, with possibility of a few notches if and when the change is large.

**E) Order of Seniority in Debt Payment and Non-Payment Forgiven by Contract**

The credit rating is subject to alteration if there is a change in the rated debt's status in the order of seniority relative to other debts caused by the improvement/ deterioration of the issuer's financial condition. The resultant alteration of the credit rating is usually a notch, with possibility of a few notches if and when the change is large. Also, in case of the financial products for which non-payment of interest/ principal is contractually permissible, the credit rating is subject to alteration if and when the likelihood of such non-payment is projected to increase or decrease. The resultant alteration of the credit rating could be by a notch but often as much as a few notches.

**F) Rise and Fall in General Economy and Markets**

The credit rating is subject to alteration if there is a rise/ fall in the general economy and/ or the markets inducing the issuer's revenues/ expenses to increase/ decrease and vice versa, etc. The resultant alteration of the credit rating is usually by a notch, with possibility of a few notches if and when the change is exceptionally large.

**G) Various Events**

The credit rating is subject to alteration on occurrence of various events, such as change in the issuer's major shareholders, M&A and other organizational change, accident, violation of the law, litigation, legal/ regulatory change, natural disaster, etc., which are unforeseeable at the time when the credit rating is determined, causing a significant change on the issuer's business bases, financial grounds, etc. The resultant alteration of the credit rating could be by a notch but more often than not as much as a few notches.

## 12

Information on the Content of the Credit Rating, Including the Historical Performance of the Credit Rating and the Expected Probability of Default and the Expected Loss in the Event of Default as Required by Paragraph (a)(1)(ii)(L) of Rule 17g-7

- Historical records of the credit rating herewith presented are posted in the end of this paper.
- The credit rating herewith presented by JCR is its summary opinion with regard to the likelihood of given debt payment and hence not necessarily a perfect representation of such likelihood. The credit rating is not intended to estimate the probability of default or the loss on given default, either.
- Facts of the probability of default are posted as Form NRSRO Exhibit 1 on the JCR website under the URL:

<https://www.jcr.co.jp/en/service/company/regu/nrsro/>

## 13

Information on the Sensitivity of the Credit Rating to Assumptions Made as Required by Paragraph (a)(1)(ii)(M) of Rule 17g-7

**A) Business Bases**

The credit rating herewith presented could be changed if and when the assumptions made at the time of its determination turn out to be inaccurate with regard to the issuer's business bases and powers of earning or cash flow generation, etc. The resultant change of the credit rating is most likely by a notch, as JCR speculates, but possibly as much as a few notches if the development is rapid in improvement or deterioration of the issuer's business bases on some drastic change in the operational environments, etc.

**B) Financial Grounds and Asset Quality**

The credit rating herewith presented could be changed if and when the assumptions made at the time of its determination turn out to be inaccurate with regard to the issuer's financial grounds and asset quality. The resultant change of the credit rating is most likely by a notch, as JCR speculates, but possibly as much as a few notches if the development is rapid in improvement or deterioration of the issuer's financial grounds and/ or asset quality on some drastic change in its business bases.

C) Liquidity Risks

The credit rating herewith presented could be changed if and when the assumptions made at the time of its determination turn out to be inaccurate with regard to the issuer's liquidity positions. The resultant change of the credit rating is most likely by a notch, as JCR speculates, but possibly as much as a few notches if the development is rapid in improvement or deterioration of the issuer's liquidity positions on some drastic change in its financial management policy or relations with fund procurement sources, etc.

D) Order of Seniority in Debt Payment and Non-Payment Forgiven by Contract

The credit rating herewith presented could be changed if and when the assumptions made at the time of its determination turn out to be inaccurate with regard to the order of seniority in repayment of interests and principal. JCR assumes the resultant change of the credit rating is most likely by a notch. The change could be as much as a few notches if the issuer's financial structure differs so much and thereby the balance between debts shifted so greatly. Rating change is also possible in case of the financial products for which non-payment of interest/ principal is contractually permissible, if and when the assumptions made at the time of its determination turns out to be inaccurate. The change of the credit rating is assumed to be by a notch but often as much as a few notches.

E) Rise and Fall in General Economy and Markets

The credit rating herewith presented could be changed if and when the assumptions made at the time of its determination turn out to be inaccurate with regard to the prospects of general economy and markets. JCR expects the change should be most likely by a notch but could be as much as a few notches, should the economy or the markets change so greatly.

14

Information on the Representations, Warranties, and Enforcement Mechanisms of an Asset-backed Security as Required by Paragraph (a)(1)(ii)(N) of rule 17g-7

- The credit rating herewith presented is not for an ABS product, and hence no relevant issue.

**Japan Credit Rating Agency, Ltd.**

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## The Historical Performance of the Credit Rating

Issuer Name	Issue Name	Publication Date	Rating	Outlook/Direction
Tokyo Electric Power Company Holdings, Incorporated	Issuer(Long-term)	April 17, 2006	AAA	Negative
Tokyo Electric Power Company Holdings, Incorporated	Issuer(Long-term)	August 29, 2006	AAA	Stable
Tokyo Electric Power Company Holdings, Incorporated	Issuer(Long-term)	April 17, 2007	AAA	Stable
Tokyo Electric Power Company Holdings, Incorporated	Issuer(Long-term)	April 24, 2008	AAA	Stable
Tokyo Electric Power Company Holdings, Incorporated	Issuer(Long-term)	April 27, 2009	AAA	Stable
Tokyo Electric Power Company Holdings, Incorporated	Issuer(Long-term)	April 27, 2010	AAA	Stable
Tokyo Electric Power Company Holdings, Incorporated	Issuer(Long-term)	March 22, 2011	#AAA	Negative
Tokyo Electric Power Company Holdings, Incorporated	Issuer(Long-term)	April 1, 2011	#AA	Negative
Tokyo Electric Power Company Holdings, Incorporated	Issuer(Long-term)	May 13, 2011	#A+	Negative
Tokyo Electric Power Company Holdings, Incorporated	Issuer(Long-term)	November 16, 2011	#A	Negative
Tokyo Electric Power Company Holdings, Incorporated	Issuer(Long-term)	August 1, 2012	A	Negative
Tokyo Electric Power Company Holdings, Incorporated	Issuer(Long-term)	February 12, 2014	A	Negative
Tokyo Electric Power Company Holdings, Incorporated	Issuer(Long-term)	August 25, 2015	A	Negative
Tokyo Electric Power Company Holdings, Incorporated	Issuer(Long-term)	April 1, 2016	A	Stable
Tokyo Electric Power Company Holdings, Incorporated	Issuer(Long-term)	February 1, 2017	A	Stable
Tokyo Electric Power Company Holdings, Incorporated	Issuer(Long-term)	April 2, 2018	A	Stable
Tokyo Electric Power Company Holdings, Incorporated	Issuer(Long-term)	March 27, 2019	A	Stable
Tokyo Electric Power Company Holdings, Incorporated	CP	September 30, 1994	J-1	
Tokyo Electric Power Company Holdings, Incorporated	CP	July 19, 1995	J-1	
Tokyo Electric Power Company Holdings, Incorporated	CP	April 17, 1996	J-1+	
Tokyo Electric Power Company Holdings, Incorporated	CP	March 14, 2000	J-1+	
Tokyo Electric Power Company Holdings, Incorporated	CP	May 19, 2000	J-1+	
Tokyo Electric Power Company Holdings, Incorporated	CP	March 15, 2001	J-1+	
Tokyo Electric Power Company Holdings, Incorporated	CP	March 8, 2002	J-1+	
Tokyo Electric Power Company Holdings, Incorporated	CP	April 1, 2003	J-1+	
Tokyo Electric Power Company Holdings, Incorporated	CP	April 15, 2004	J-1+	
Tokyo Electric Power Company Holdings, Incorporated	CP	April 15, 2005	J-1+	
Tokyo Electric Power Company Holdings, Incorporated	CP	April 17, 2006	J-1+	
Tokyo Electric Power Company Holdings, Incorporated	CP	April 17, 2007	J-1+	
Tokyo Electric Power Company Holdings, Incorporated	CP	April 24, 2008	J-1+	
Tokyo Electric Power Company Holdings, Incorporated	CP	November 10, 2008	J-1+	

## The Historical Performance of the Credit Rating

Issuer Name	Issue Name	Publication Date	Rating	Outlook/Direction
Tokyo Electric Power Company Holdings, Incorporated	CP	April 27, 2009	J-1+	
Tokyo Electric Power Company Holdings, Incorporated	CP	April 27, 2010	J-1+	
Tokyo Electric Power Company Holdings, Incorporated	CP	April 1, 2011	#J-1+	Negative
Tokyo Electric Power Company Holdings, Incorporated	CP	May 13, 2011	J-1	
Tokyo Electric Power Company Holdings, Incorporated	CP	November 16, 2011	J-1	
Tokyo Electric Power Company Holdings, Incorporated	CP	August 1, 2012	J-1	
Tokyo Electric Power Company Holdings, Incorporated	CP	February 12, 2014	J-1	
Tokyo Electric Power Company Holdings, Incorporated	CP	August 25, 2015	J-1	
Tokyo Electric Power Company Holdings, Incorporated	CP	April 1, 2016	J-1	
Tokyo Electric Power Company Holdings, Incorporated	CP	February 1, 2017	J-1	
Tokyo Electric Power Company Holdings, Incorporated	CP	April 2, 2018	J-1	
Tokyo Electric Power Company Holdings, Incorporated	CP	March 27, 2019	J-1	
Tokyo Electric Power Company Holdings, Incorporated	Bonds no.547	July 16, 2008	AAA	
Tokyo Electric Power Company Holdings, Incorporated	Bonds no.547	April 27, 2009	AAA	
Tokyo Electric Power Company Holdings, Incorporated	Bonds no.547	April 27, 2010	AAA	
Tokyo Electric Power Company Holdings, Incorporated	Bonds no.547	March 22, 2011	#AAA	Negative
Tokyo Electric Power Company Holdings, Incorporated	Bonds no.547	April 1, 2011	#AA	Negative
Tokyo Electric Power Company Holdings, Incorporated	Bonds no.547	May 13, 2011	#A+	Negative
Tokyo Electric Power Company Holdings, Incorporated	Bonds no.547	November 16, 2011	#A	Negative
Tokyo Electric Power Company Holdings, Incorporated	Bonds no.547	August 1, 2012	A	
Tokyo Electric Power Company Holdings, Incorporated	Bonds no.547	February 12, 2014	A	
Tokyo Electric Power Company Holdings, Incorporated	Bonds no.547	August 25, 2015	A	
Tokyo Electric Power Company Holdings, Incorporated	Bonds no.547	April 1, 2016	A	
Tokyo Electric Power Company Holdings, Incorporated	Bonds no.547	February 1, 2017	A	
Tokyo Electric Power Company Holdings, Incorporated	Bonds no.547	April 2, 2018	A	
Tokyo Electric Power Company Holdings, Incorporated	Bonds no.547	March 27, 2019	A	
Tokyo Electric Power Company Holdings, Incorporated	Bonds no.548	September 4, 2008	AAA	
Tokyo Electric Power Company Holdings, Incorporated	Bonds no.548	April 27, 2009	AAA	
Tokyo Electric Power Company Holdings, Incorporated	Bonds no.548	April 27, 2010	AAA	
Tokyo Electric Power Company Holdings, Incorporated	Bonds no.548	March 22, 2011	#AAA	Negative
Tokyo Electric Power Company Holdings, Incorporated	Bonds no.548	April 1, 2011	#AA	Negative

## The Historical Performance of the Credit Rating

Issuer Name	Issue Name	Publication Date	Rating	Outlook/Direction
Tokyo Electric Power Company Holdings, Incorporated	Bonds no.548	May 13, 2011	#A+	Negative
Tokyo Electric Power Company Holdings, Incorporated	Bonds no.548	November 16, 2011	#A	Negative
Tokyo Electric Power Company Holdings, Incorporated	Bonds no.548	August 1, 2012	A	
Tokyo Electric Power Company Holdings, Incorporated	Bonds no.548	February 12, 2014	A	
Tokyo Electric Power Company Holdings, Incorporated	Bonds no.548	August 25, 2015	A	
Tokyo Electric Power Company Holdings, Incorporated	Bonds no.548	April 1, 2016	A	
Tokyo Electric Power Company Holdings, Incorporated	Bonds no.548	February 1, 2017	A	
Tokyo Electric Power Company Holdings, Incorporated	Bonds no.548	April 2, 2018	A	
Tokyo Electric Power Company Holdings, Incorporated	Bonds no.548	March 27, 2019	A	
Tokyo Electric Power Company Holdings, Incorporated	Bonds no.551	November 21, 2008	AAA	
Tokyo Electric Power Company Holdings, Incorporated	Bonds no.551	April 27, 2009	AAA	
Tokyo Electric Power Company Holdings, Incorporated	Bonds no.551	April 27, 2010	AAA	
Tokyo Electric Power Company Holdings, Incorporated	Bonds no.551	March 22, 2011	#AAA	Negative
Tokyo Electric Power Company Holdings, Incorporated	Bonds no.551	April 1, 2011	#AA	Negative
Tokyo Electric Power Company Holdings, Incorporated	Bonds no.551	May 13, 2011	#A+	Negative
Tokyo Electric Power Company Holdings, Incorporated	Bonds no.551	November 16, 2011	#A	Negative
Tokyo Electric Power Company Holdings, Incorporated	Bonds no.551	August 1, 2012	A	
Tokyo Electric Power Company Holdings, Incorporated	Bonds no.551	February 12, 2014	A	
Tokyo Electric Power Company Holdings, Incorporated	Bonds no.551	August 25, 2015	A	
Tokyo Electric Power Company Holdings, Incorporated	Bonds no.551	April 1, 2016	A	
Tokyo Electric Power Company Holdings, Incorporated	Bonds no.551	February 1, 2017	A	
Tokyo Electric Power Company Holdings, Incorporated	Bonds no.551	April 2, 2018	A	
Tokyo Electric Power Company Holdings, Incorporated	Bonds no.551	March 27, 2019	A	
Tokyo Electric Power Company Holdings, Incorporated	Bonds no.553	February 18, 2009	AAA	
Tokyo Electric Power Company Holdings, Incorporated	Bonds no.553	April 27, 2009	AAA	
Tokyo Electric Power Company Holdings, Incorporated	Bonds no.553	April 27, 2010	AAA	
Tokyo Electric Power Company Holdings, Incorporated	Bonds no.553	March 22, 2011	#AAA	Negative
Tokyo Electric Power Company Holdings, Incorporated	Bonds no.553	April 1, 2011	#AA	Negative
Tokyo Electric Power Company Holdings, Incorporated	Bonds no.553	May 13, 2011	#A+	Negative
Tokyo Electric Power Company Holdings, Incorporated	Bonds no.553	November 16, 2011	#A	Negative
Tokyo Electric Power Company Holdings, Incorporated	Bonds no.553	August 1, 2012	A	

## The Historical Performance of the Credit Rating

Issuer Name	Issue Name	Publication Date	Rating	Outlook/Direction
Tokyo Electric Power Company Holdings, Incorporated	Bonds no.553	February 12, 2014	A	
Tokyo Electric Power Company Holdings, Incorporated	Bonds no.553	August 25, 2015	A	
Tokyo Electric Power Company Holdings, Incorporated	Bonds no.553	April 1, 2016	A	
Tokyo Electric Power Company Holdings, Incorporated	Bonds no.553	February 1, 2017	A	
Tokyo Electric Power Company Holdings, Incorporated	Bonds no.553	April 2, 2018	A	
Tokyo Electric Power Company Holdings, Incorporated	Bonds no.553	March 27, 2019	A	
Tokyo Electric Power Company Holdings, Incorporated	Bonds no.556	July 8, 2009	AAA	
Tokyo Electric Power Company Holdings, Incorporated	Bonds no.556	April 27, 2010	AAA	
Tokyo Electric Power Company Holdings, Incorporated	Bonds no.556	March 22, 2011	#AAA	Negative
Tokyo Electric Power Company Holdings, Incorporated	Bonds no.556	April 1, 2011	#AA	Negative
Tokyo Electric Power Company Holdings, Incorporated	Bonds no.556	May 13, 2011	#A+	Negative
Tokyo Electric Power Company Holdings, Incorporated	Bonds no.556	November 16, 2011	#A	Negative
Tokyo Electric Power Company Holdings, Incorporated	Bonds no.556	August 1, 2012	A	
Tokyo Electric Power Company Holdings, Incorporated	Bonds no.556	February 12, 2014	A	
Tokyo Electric Power Company Holdings, Incorporated	Bonds no.556	August 25, 2015	A	
Tokyo Electric Power Company Holdings, Incorporated	Bonds no.556	April 1, 2016	A	
Tokyo Electric Power Company Holdings, Incorporated	Bonds no.556	February 1, 2017	A	
Tokyo Electric Power Company Holdings, Incorporated	Bonds no.556	April 2, 2018	A	
Tokyo Electric Power Company Holdings, Incorporated	Bonds no.556	March 27, 2019	A	
Tokyo Electric Power Company Holdings, Incorporated	Bonds no.560	December 3, 2009	AAA	
Tokyo Electric Power Company Holdings, Incorporated	Bonds no.560	April 27, 2010	AAA	
Tokyo Electric Power Company Holdings, Incorporated	Bonds no.560	March 22, 2011	#AAA	Negative
Tokyo Electric Power Company Holdings, Incorporated	Bonds no.560	April 1, 2011	#AA	Negative
Tokyo Electric Power Company Holdings, Incorporated	Bonds no.560	May 13, 2011	#A+	Negative
Tokyo Electric Power Company Holdings, Incorporated	Bonds no.560	November 16, 2011	#A	Negative
Tokyo Electric Power Company Holdings, Incorporated	Bonds no.560	August 1, 2012	A	
Tokyo Electric Power Company Holdings, Incorporated	Bonds no.560	February 12, 2014	A	
Tokyo Electric Power Company Holdings, Incorporated	Bonds no.560	August 25, 2015	A	
Tokyo Electric Power Company Holdings, Incorporated	Bonds no.560	April 1, 2016	A	
Tokyo Electric Power Company Holdings, Incorporated	Bonds no.560	February 1, 2017	A	
Tokyo Electric Power Company Holdings, Incorporated	Bonds no.560	April 2, 2018	A	

## The Historical Performance of the Credit Rating

Issuer Name	Issue Name	Publication Date	Rating	Outlook/Direction
Tokyo Electric Power Company Holdings, Incorporated	Bonds no.560	March 27, 2019	A	
Tokyo Electric Power Company Holdings, Incorporated	Bonds no.564	May 14, 2010	AAA	
Tokyo Electric Power Company Holdings, Incorporated	Bonds no.564	March 22, 2011	#AAA	Negative
Tokyo Electric Power Company Holdings, Incorporated	Bonds no.564	April 1, 2011	#AA	Negative
Tokyo Electric Power Company Holdings, Incorporated	Bonds no.564	May 13, 2011	#A+	Negative
Tokyo Electric Power Company Holdings, Incorporated	Bonds no.564	November 16, 2011	#A	Negative
Tokyo Electric Power Company Holdings, Incorporated	Bonds no.564	August 1, 2012	A	
Tokyo Electric Power Company Holdings, Incorporated	Bonds no.564	February 12, 2014	A	
Tokyo Electric Power Company Holdings, Incorporated	Bonds no.564	August 25, 2015	A	
Tokyo Electric Power Company Holdings, Incorporated	Bonds no.564	April 1, 2016	A	
Tokyo Electric Power Company Holdings, Incorporated	Bonds no.564	February 1, 2017	A	
Tokyo Electric Power Company Holdings, Incorporated	Bonds no.564	April 2, 2018	A	
Tokyo Electric Power Company Holdings, Incorporated	Bonds no.564	March 27, 2019	A	
Tokyo Electric Power Company Holdings, Incorporated	Bonds no.565	June 11, 2010	AAA	
Tokyo Electric Power Company Holdings, Incorporated	Bonds no.565	March 22, 2011	#AAA	Negative
Tokyo Electric Power Company Holdings, Incorporated	Bonds no.565	April 1, 2011	#AA	Negative
Tokyo Electric Power Company Holdings, Incorporated	Bonds no.565	May 13, 2011	#A+	Negative
Tokyo Electric Power Company Holdings, Incorporated	Bonds no.565	November 16, 2011	#A	Negative
Tokyo Electric Power Company Holdings, Incorporated	Bonds no.565	August 1, 2012	A	
Tokyo Electric Power Company Holdings, Incorporated	Bonds no.565	February 12, 2014	A	
Tokyo Electric Power Company Holdings, Incorporated	Bonds no.565	August 25, 2015	A	
Tokyo Electric Power Company Holdings, Incorporated	Bonds no.565	April 1, 2016	A	
Tokyo Electric Power Company Holdings, Incorporated	Bonds no.565	February 1, 2017	A	
Tokyo Electric Power Company Holdings, Incorporated	Bonds no.565	April 2, 2018	A	
Tokyo Electric Power Company Holdings, Incorporated	Bonds no.565	March 27, 2019	A	
Tokyo Electric Power Company Holdings, Incorporated	Bonds no.566	July 7, 2010	AAA	
Tokyo Electric Power Company Holdings, Incorporated	Bonds no.566	March 22, 2011	#AAA	Negative
Tokyo Electric Power Company Holdings, Incorporated	Bonds no.566	April 1, 2011	#AA	Negative
Tokyo Electric Power Company Holdings, Incorporated	Bonds no.566	May 13, 2011	#A+	Negative
Tokyo Electric Power Company Holdings, Incorporated	Bonds no.566	November 16, 2011	#A	Negative
Tokyo Electric Power Company Holdings, Incorporated	Bonds no.566	August 1, 2012	A	

## The Historical Performance of the Credit Rating

Issuer Name	Issue Name	Publication Date	Rating	Outlook/Direction
Tokyo Electric Power Company Holdings, Incorporated	Bonds no.566	February 12, 2014	A	
Tokyo Electric Power Company Holdings, Incorporated	Bonds no.566	August 25, 2015	A	
Tokyo Electric Power Company Holdings, Incorporated	Bonds no.566	April 1, 2016	A	
Tokyo Electric Power Company Holdings, Incorporated	Bonds no.566	February 1, 2017	A	
Tokyo Electric Power Company Holdings, Incorporated	Bonds no.566	April 2, 2018	A	
Tokyo Electric Power Company Holdings, Incorporated	Bonds no.566	March 27, 2019	A	
Tokyo Electric Power Company Holdings, Incorporated	Bonds no.567	July 7, 2010	AAA	
Tokyo Electric Power Company Holdings, Incorporated	Bonds no.567	March 22, 2011	#AAA	Negative
Tokyo Electric Power Company Holdings, Incorporated	Bonds no.567	April 1, 2011	#AA	Negative
Tokyo Electric Power Company Holdings, Incorporated	Bonds no.567	May 13, 2011	#A+	Negative
Tokyo Electric Power Company Holdings, Incorporated	Bonds no.567	November 16, 2011	#A	Negative
Tokyo Electric Power Company Holdings, Incorporated	Bonds no.567	August 1, 2012	A	
Tokyo Electric Power Company Holdings, Incorporated	Bonds no.567	February 12, 2014	A	
Tokyo Electric Power Company Holdings, Incorporated	Bonds no.567	August 25, 2015	A	
Tokyo Electric Power Company Holdings, Incorporated	Bonds no.567	April 1, 2016	A	
Tokyo Electric Power Company Holdings, Incorporated	Bonds no.567	February 1, 2017	A	
Tokyo Electric Power Company Holdings, Incorporated	Bonds no.567	April 2, 2018	A	
Tokyo Electric Power Company Holdings, Incorporated	Bonds no.567	March 27, 2019	A	
Tokyo Electric Power Company Holdings, Incorporated	Bonds no.568	September 2, 2010	AAA	
Tokyo Electric Power Company Holdings, Incorporated	Bonds no.568	March 22, 2011	#AAA	Negative
Tokyo Electric Power Company Holdings, Incorporated	Bonds no.568	April 1, 2011	#AA	Negative
Tokyo Electric Power Company Holdings, Incorporated	Bonds no.568	May 13, 2011	#A+	Negative
Tokyo Electric Power Company Holdings, Incorporated	Bonds no.568	November 16, 2011	#A	Negative
Tokyo Electric Power Company Holdings, Incorporated	Bonds no.568	August 1, 2012	A	
Tokyo Electric Power Company Holdings, Incorporated	Bonds no.568	February 12, 2014	A	
Tokyo Electric Power Company Holdings, Incorporated	Bonds no.568	August 25, 2015	A	
Tokyo Electric Power Company Holdings, Incorporated	Bonds no.568	April 1, 2016	A	
Tokyo Electric Power Company Holdings, Incorporated	Bonds no.568	February 1, 2017	A	
Tokyo Electric Power Company Holdings, Incorporated	Bonds no.568	April 2, 2018	A	
Tokyo Electric Power Company Holdings, Incorporated	Bonds no.568	March 27, 2019	A	

## Attestation Required by Paragraph (a)(1)(iii) of Rule 17g-7

I, Mikiya Kubota, have responsibility to this Rating Action and to the best of my knowledge:

- A) No part of the credit rating was influenced by any other business activities.
- B) The credit rating was based solely upon the merits of the obligor, security, or money market instrument being rated.
- C) The credit rating was an independent evaluation of the credit risk of the obligor, security, or money market instrument.

窪田 幹也

Mikiya Kubota

General Manager of Corporate Rating Department I

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## INFORMATION DISCLOSURE FORM

Japan Credit Rating Agency, Ltd.

### Disclosure Required by Paragraph (a)(1)(ii) of Rule 17g-7

Issuer:	TEPCO Power Grid, Incorporated
Rating Publication Date:	June 19, 2020

**1** The Symbol, Number, or Score in the Rating Scale used to Denote Credit Rating Categories and Notches and, the Identity of the Obligor or the Identity and a Description of the Security or Money Market Instrument as Required by Paragraph (a)(1)(ii)(A) of Rule 17g-7

- Please see the news release.

**2** The version of the procedure or methodology used to determine the credit rating; as Required by Paragraph (a)(1)(ii)(B) of Rule 17g-7

- Please see the news release.

**3** The Main Assumptions and Principles used in Constructing the Procedures and Methodologies used to Determine the Credit Rating as Required by Paragraph (a)(1)(ii)(C) of Rule 17g-7

- The credit rating methodology assumes, in principle, to be applied to assess the likelihood of a given debt payment in light of its issuer's condition and business environment, etc. in the relevant future. There is certain limitation, however, in the time horizon that the rating foresees.
- The credit rating methodology assumes, in principle, that the factors posted in the below are particularly important for such likelihood to be determined, and that the rating determination is made by evaluating each of them not only quantitatively but also employing qualitative analyses.

**A) Business Bases**

The likelihood of a given debt payment is highly conditional to its issuer's business bases - how they can be maintained/ expanded into the future and thereby secure earnings and cash flows in adequacy and in a sustainable way.

**B) Financial Grounds and Asset Quality**

The likelihood of debt payment is highly dependent on the degree of the issuer's indebtedness and loss absorption capacity in terms of equity capital. Also notable is that a financial institution might see a significant loss of financial grounds as a result of changes in value of the assets under its possession.

**C) Liquidity Positions**

The likelihood of debt payment is highly dependent on the adequacy of the issuer's cash and other sources of repayment (liquidity positions).



D) Related Parties' Status and Stance of Support/ Assistance for the Issuer

The likelihood of debt payment is affected one way or the other by the issuer's related parties such as parent company, subsidiary, guarantor, and the government of the issuer's business domicile, etc. - by their own conditions and/ or position of support/ assistance for the issuer.

E) Order of Seniority in Debt Payment

The likelihood of debt payment can be different between given debts of the same issuer. The likelihood of debt payment for an individual debt is dependent on the issuer's discretion, and/ or its rank relative to other debts of the same issuer in the order of seniority in principal/ interest payment which is determined by design as financial product or by laws, etc.

4 The Potential Limitations of the Credit Rating as Required by Paragraph (a)(1)(ii)(D) of Rule 17g-7

- The credit rating herewith presented by JCR is its summary opinion with regard to the likelihood of given debt payment and hence not necessarily a perfect representation of such likelihood. The credit rating is not intended to estimate the probability of default or the loss on given default, either.
- The objective of the credit rating herewith presented does not include any concerns other than the likelihood of debt payment, such as risks of price changes, market liquidity, etc.
- The credit rating herewith presented is necessary to be reviewed along with possible changes of the issuer of rated objects in its business performance and/ or circumstances which include regulatory environment, and hence subject to possible alteration.

5 Information on the Uncertainty of the Credit Rating as Required by Paragraph (a)(1)(ii)(E) of Rule 17g-7

- The information used for the determination of credit rating as herewith presented is obtained by JCR from the issuer of rated objects and other sources that JCR trusts in terms of accuracy and reliability but possibly contains errors due to human, non-human or other causes. Consequently, the credit rating determined on the grounds of such information does not constitute, explicitly or implicitly, any representation or warrant of JCR on the information itself or any consequences of its use in terms of accuracy, relevance, timeliness, wholeness, market value, or usefulness for any specific purposes.

6 Use of Due Diligence Services of a Third Party in Taking the Rating Action as Required by Paragraph (a)(1)(ii)(F) of Rule 17g-7

- There is no use of any third-party due diligence service in the determination of the credit rating herewith presented.

7 Use of Servicer or Remittance Reports to Conduct Surveillance of the Credit Rating Required by Paragraph (a)(1)(ii)(G) of Rule 17g-7

- There is no use of any servicer or remittance report to conduct surveillance of the credit rating herewith presented.

8 The Types of Data Relied Upon for the Purpose of Determining the Credit Rating as Required by Paragraph (a)(1)(ii)(H) of Rule 17g-7

- The information posted in the below, which includes data, is used for the determination of the credit rating herewith presented.

A) Audited financial statements presented by the rating stakeholders

B) Explanations of business performance, management plans, etc. presented by the rating stakeholders

## 9 Overall assessment of the Quality of Information Available and Considered in Determining the Credit Rating as Required by Paragraph (a)(1)(ii)(I) of Rule 17g-7

- JCR holds its basic policies for securing the quality of information as a base of due diligence for the determination of credit ratings. The information used as a base for the determination of credit rating herewith presented satisfies such policies, which include the audit by an independent auditor, the publication by the issuer or some independent media or, otherwise, JCR analyst's scrutiny, etc.
- JCR sees no particular weakness in the quality of information used for the determination of the credit rating herewith presented as compared to the information used in other cases of the credit rating for comparable issuers or ratable objects.

## 10 Information Relating to Conflicts of Interest as Required by Paragraph (a)(1)(ii)(J) of Rule 17g-7

- JCR receives payment of compensation for the determination of the credit rating herewith presented from either one of those parties who are issuer, underwriter, depositor or sponsor.
- JCR did not receive in the last fiscal year in the past payment of compensation from the same party for any kind of JCR's service other than the determination of credit rating, such as one in the ancillary business.

## 11 Explanation or Measure of the Potential Volatility of the Credit Rating as Required by Paragraph (a)(1)(ii)(K) of Rule 17g-7

### A) Business Bases

The credit rating is subject to alteration if there is improvement or deterioration of the issuer's business bases, since its revenue, etc. may improve or deteriorate by the change in its business management policies, clients' preferences, competitive situation, or a technological innovation. The resultant alteration of the credit rating is usually by a notch, with possibility of a few notches if and when the change in the business bases is large.

### B) Financial Grounds and Asset Quality

The credit rating is subject to alteration if the issuer increases/ decreases its debt/ capital or vice versa and thereby makes its individual debt payment liability less or more bearable and its loss absorption capacity into the future decreased or increased. Also, the changes in the quality of asset under the issuer's holding may affect the credit rating, since such changes could raise or lower the likelihood of future loss of the issuer's financial grounds. The resultant alteration of the credit rating is usually by a notch, with possibility of a few notches if and when the change in the financial grounds and/ or asset quality is large.

### C) Liquidity Positions

The credit rating is subject to alteration if there is a change in the issuer's financial management policy or in the relations with fund procurement sources and the change thereby makes its liquidity positions improve or deteriorate. The resultant alteration of the credit rating is usually by a notch, with possibility of a few notches if and when the change is large.

### D) Related Parties' Status and Stance of Support/ Assistance for the Issuer

The credit rating is subject to alteration if there is a change in the issuer's parent company or subsidiary, guarantor or other provider of credit enhancement, or the government of the issuer's

business domicile, or other related parties' own conditions and/ or position of support/ assistance for the issuer, and the change thereby makes its business bases, financial grounds and/ or liquidity positions improve or deteriorate, and/ or making the effectiveness of guarantee and other credit enhancement improve or deteriorate. The resultant alteration of the credit rating is usually a notch, with possibility of a few notches if and when the change is large.

**E) Order of Seniority in Debt Payment and Non-Payment Forgiven by Contract**

The credit rating is subject to alteration if there is a change in the rated debt's status in the order of seniority relative to other debts caused by the improvement/ deterioration of the issuer's financial condition. The resultant alteration of the credit rating is usually a notch, with possibility of a few notches if and when the change is large. Also, in case of the financial products for which non-payment of interest/ principal is contractually permissible, the credit rating is subject to alteration if and when the likelihood of such non-payment is projected to increase or decrease. The resultant alteration of the credit rating could be by a notch but often as much as a few notches.

**F) Rise and Fall in General Economy and Markets**

The credit rating is subject to alteration if there is a rise/ fall in the general economy and/ or the markets inducing the issuer's revenues/ expenses to increase/ decrease and vice versa, etc. The resultant alteration of the credit rating is usually by a notch, with possibility of a few notches if and when the change is exceptionally large.

**G) Various Events**

The credit rating is subject to alteration on occurrence of various events, such as change in the issuer's major shareholders, M&A and other organizational change, accident, violation of the law, litigation, legal/ regulatory change, natural disaster, etc., which are unforeseeable at the time when the credit rating is determined, causing a significant change on the issuer's business bases, financial grounds, etc. The resultant alteration of the credit rating could be by a notch but more often than not as much as a few notches.

**12**

Information on the Content of the Credit Rating, Including the Historical Performance of the Credit Rating and the Expected Probability of Default and the Expected Loss in the Event of Default as Required by Paragraph (a)(1)(ii)(L) of Rule 17g-7

- Historical records of the credit rating herewith presented are posted in the end of this paper.
- The credit rating herewith presented by JCR is its summary opinion with regard to the likelihood of given debt payment and hence not necessarily a perfect representation of such likelihood. The credit rating is not intended to estimate the probability of default or the loss on given default, either.
- Facts of the probability of default are posted as Form NRSRO Exhibit 1 on the JCR website under the URL:

<https://www.jcr.co.jp/en/service/company/regu/nrsro/>

**13**

Information on the Sensitivity of the Credit Rating to Assumptions Made as Required by Paragraph (a)(1)(ii)(M) of Rule 17g-7

**A) Business Bases**

The credit rating herewith presented could be changed if and when the assumptions made at the time of its determination turn out to be inaccurate with regard to the issuer's business bases and powers of earning or cash flow generation, etc. The resultant change of the credit rating is most likely by a notch, as JCR speculates, but possibly as much as a few notches if the development is rapid in improvement or deterioration of the issuer's business bases on some drastic change in the operational environments, etc.

**B) Financial Grounds and Asset Quality**

The credit rating herewith presented could be changed if and when the assumptions made at the time of its determination turn out to be inaccurate with regard to the issuer's financial grounds and asset quality. The resultant change of the credit rating is most likely by a notch, as JCR speculates, but possibly as much as a few notches if the development is rapid in improvement or deterioration of the issuer's financial grounds and/ or asset quality on some drastic change in its business bases.

C) Liquidity Risks

The credit rating herewith presented could be changed if and when the assumptions made at the time of its determination turn out to be inaccurate with regard to the issuer's liquidity positions. The resultant change of the credit rating is most likely by a notch, as JCR speculates, but possibly as much as a few notches if the development is rapid in improvement or deterioration of the issuer's liquidity positions on some drastic change in its financial management policy or relations with fund procurement sources, etc.

D) Related Parties' Status and Stance of Support/ Assistance for the Issuer

The credit rating herewith presented could be changed if and when the assumptions made at the time of its determination turn out to be inaccurate with regard to the issuer's parent company or subsidiaries, guarantor or other providers of credit enhancement, the government of the issuer's business domicile or other related parties' status and stance of support/ assistance for the issuer. The resultant change of the credit rating is most likely by a notch, as JCR speculates, but possibly as much as a few notches if there is a major change on the part of related parties, such as replacement, disappearance, some drastic improvement/ deterioration of financial grounds/ balances, etc.

E) Rise and Fall in General Economy and Markets

The credit rating herewith presented could be changed if and when the assumptions made at the time of its determination turn out to be inaccurate with regard to the prospects of general economy and markets. JCR expects the change should be most likely by a notch but could be as much as a few notches, should the economy or the markets change so greatly.

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Information on the Representations, Warranties, and Enforcement Mechanisms of an Asset-backed Security as Required by Paragraph (a)(1)(ii)(N) of rule 17g-7

- The credit rating herewith presented is not for an ABS product, and hence no relevant issue.





