# **News Release**



#### Japan Credit Rating Agency, Ltd.

24-D-0471 July 29, 2024

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

### **JCR's Rating Review of Electric Power Companies**

Issuer	Code	Long-Term Iss	uer Rating	Outlook
Chubu Electric Power Company, Incorporated	9502	<outlook change=""></outlook>	AA	from Stable to Positive
The Kansai Electric Power Company, Incorporated	9503	<outlook change=""></outlook>	AA	from Stable to Positive
The Chugoku Electric Power Company, Incorporated	9504	<affirmation></affirmation>	AA	Stable
Hokuriku Electric Power Company	9505	<affirmation></affirmation>	AAp	Stable
Tohoku Electric Power Company, Incorporated	9506	<affirmation></affirmation>	AA	Stable
Shikoku Electric Power Company, Incorporated	9507	<affirmation></affirmation>	AAp	Stable
Kyushu Electric Power Company, Incorporated	9508	<outlook change=""></outlook>	AA-	from Stable to Positive
Hokkaido Electric Power Company, Incorporated	9509	<affirmation></affirmation>	АА-р	Stable
Electric Power Development Co., Ltd.	9513	<affirmation></affirmation>	AA+	Stable

Issuer	Code	СР	
Chubu Electric Power Company, Incorporated	9502	<affirmation></affirmation>	J-1+
The Kansai Electric Power Company, Incorporated	9503	<affirmation></affirmation>	J-1+
The Chugoku Electric Power Company, Incorporated	9504	<affirmation></affirmation>	J-1+
Kyushu Electric Power Company, Incorporated	9508	<affirmation></affirmation>	J-1+
Electric Power Development Co., Ltd.	9513	<affirmation></affirmation>	J-1+

(See page 8 and beyond for details about ratings on individual bonds, etc.)

#### Rating Viewpoints

(1) JCR has reviewed the ratings of the eight former general electricity utilities (Chubu Electric Power, Kansai Electric Power, Chugoku Electric Power, Hokuriku Electric Power, Tohoku Electric Power, Shikoku Electric Power, Kyushu Electric Power, and Hokkaido Electric Power) and Electric Power Development Co., Ltd., and has revised the rating outlook of some companies. The review results are based on JCR's existing policy of reflecting differences in business and financial risks by individual companies in its ratings and outlooks based on the stability of the institutional framework common to the industry as a whole, centering on the power transmission and distribution business. They are facing significant changes in their business environments and heavy investment burdens related to nuclear power plants and carbon neutrality (CN), etc. While their creditworthiness is generally in the same direction, the gap has been beginning to wide over the past few years between those who have demonstrated high earnings power and have maintained or built a strong financial base even in a difficult business environment or those who are likely to build a strong financial base and those who are still in the process of doing so. Going forward, JCR will pay attention to trends in the development of policies and systems to stabilize earnings and expenses in the electricity business and to increase the predictability of investment recovery. JCR will also pay attention to investment trends in renewable



- energy and non-electric power businesses in Japan and overseas. In light of the domestic electricity supply and demand, JCR believes that the earnings power and cash flow generation capabilities of companies having power generation as their mainstay business will remain stable and that they will be able to focus on low-carbon and decarbonization initiatives.
- (2) With the recent rise in geopolitical risks and tight domestic electricity supply and demand, energy security and stable supply are becoming more and more important. Institutional improvements are underway to help stabilize the profit and contribute to investment recovery of power generation and transmission/distribution businesses, including the establishment of an LNG stockpiling system for contingencies, opening of a capacity market to secure power generation capacity, and measures for the long-term decarbonization power source auction and revenue cap system that encourage investments in new power source development and replacement investment for existing facilities. The design of the system does not sufficiently take into account the high cost of materials and interest rates, which is currently placing a burden on the profits of the former general electricity utilities. However, the system is expected to be improved in light of the various energy problems in Japan, and their stability as an energy supplier with a high public nature is expected to recover.
- (3) According to "National and Supply Area Demand Projections (FY2024)" of The Organization for Cross-regional Coordination of Transmission Operators, Japan, demand is expected to increase from the latter half of the 20s onward, backed by new construction and expansion of existing facilities of data centers and semiconductor plants, although a long-term gradual downward trend was assumed until the past fiscal year. Although the development of renewable energy generation is progressing, it will still take some time before large-scale offshore wind power plants are in full operation. From the perspectives of the high likelihood of prolonged transitions and the curbing of investment burdens, power companies are expected to make effective use of existing power plants, which will have a positive effect on their profits and investment payback. Regarding thermal power generation, in addition to securing supply capacity, LNG-fired power plants, with their superior motive power and environmental friendliness, are expected to play a role as an adjusting power source for the increase in renewable energy, which is a variable power source. In the nuclear power sector, on the other hand, the government is committed to maximizing the use of nuclear power, and the restart of operations of nuclear power plants is expected to progress under strict plant inspections and safety management.
- (4) Wholesale electricity market prices have been weak recently, and price competition may intensify. However, considering volatile fuel price trends and other factors, it has become difficult to conduct price-appealing sales activities based on inexpensive power procurement. As the securing of non-discriminatory wholesaling both inside and outside the company or the group becomes more widespread, it is expected to become even more important to strengthen the procurement capabilities through bidding and one-on-one negotiated contracts and risk management to optimize procurement and sales portfolios in addition to the high value-added sales proposals. In addition, in a business environment where business predictability is difficult to foresee, it is difficult to assume that new electric retailers will secure electricity in advance that significantly exceeds their own planned sales volume. Therefore, even if non-discriminatory wholesaling both inside and outside the company or the group becomes widespread, the customer base of the former general electricity utilities' retail business is not expected to be rapidly damaged.
- (5) The former general electricity utilities, except for a few companies, improved their risk tolerance for fluctuations in fuel costs and wholesale electricity market prices in terms of profits by adding market price adjustment surcharge to some rate menus, in addition to cost reassessment in both the regulated and unregulated electricity rates in 2023. Profits were stabilized, making it easier to expect a recovery in equity capital. In addition, the former general electricity utilities have indicated their policies of strengthening their financial bases in light of recent equity capital damage and future investment burdens.
- (6) The focus going forward will be the continued strengthening of the financial base. The amount of necessary investments remains large, including full-scale investments related to nuclear power generation, huge replacement investments in the transmission and distribution networks, and investments related to the development of renewable energy generation and the future realization of CN. In addition, the burden on power companies associated with the implementation of the Master Plan should also be taken into account. Next is the 7th Strategic Energy Plan. While there will be no change in the direction of expansion of renewable energy generation, it is essential to present a long-term outlook for the domestic power source composition in order to improve investment predictability in the power generation business. Furthermore, JCR will focus on the improvement of various systems. Since the long-term decarbonization power source auction and revenue cap system do not fully take into account the variability of material and labor costs, and issues remain regarding the probability of fixed cost recovery, JCR will focus on future revisions of these systems. The transitional



measure allowing the new issuance of corporate bonds with general security is scheduled to end in March 2025. The impact on JCR's rating on power companies is currently limited, but JCR will confirm whether the smooth financing will be carried out as in the past.

#### Rationale

Issuer: Chubu Electric Power Company, Incorporated

<Outlook Change>

Long-term Issuer Rating: AA

Outlook: from Stable to Positive

<Affirmation>

Bonds: AA

Shelf Registration: Preliminary AA

CP: J-1+

- (1) Chubu Electric Power Company, Incorporated (the "Company") supplies electricity mainly to Aichi, Nagano, Gifu and Mie prefectures as well as to areas west of the Fujikawa River in Shizuoka Prefecture. In recent years, the Company has been working to optimize its power procurement portfolio and strengthen risk management under the separation of power generation and sales. It is ahead of other companies in the industry in terms of the progress, and its earnings structure has been further improved, including improved resistance to market fluctuation risk. In addition, the Company is aggressively investing management resources in the energy service sector in order to transform its business model, but it still has one of the highest earnings power in the industry. With the profit contribution of JERA, which has a competitive edge, the Company is expected to demonstrate its high earnings power in the future. Financially, it has increased its equity capital even under the difficult environment of the past few years. There has been no change in the policy of adhering to a certain level of financial discipline, and JCR believes that the Company's strong financial base can be maintained in the future. Based on the above, JCR has affirmed the rating with rating outlook revision from Stable to Positive.
- (2) The restart of the Hamaoka Nuclear Power Station is essential for full-fledged improvement in earnings power, but for the time being, JCR will focus on the status of power procurement, including transactions with JERA. Given the heavy burden of nuclear power plant-related investments, JCR will assess whether strengthening the financial base is compatible with progress in the review of conformity for the plant and construction responses. JCR will also focus on business model reforms, such as the expansion of community support infrastructure, and progress in the development of renewable energy power generation.

Issuer: The Kansai Electric Power Company, Incorporated

<Outlook Change>

Long-term Issuer Rating: AA

Outlook: from Stable to Positive

<Affirmation>

Bonds: AA
Bonds (Dated subordinated bonds): A+

Shelf Registration: Preliminary AA

CP: J-1+

- (1) The Kansai Electric Power Company, Incorporated (the "Company") supplies electricity mainly to six prefectures in the Kinki region. It is highly competitive in terms of environmental and economic performance, backed by the system of seven nuclear power plants, and its earnings power is among the highest in the industry. The Company has made progress in preparing for the long-term operation of nuclear power plants, including preparations for the installation of dry spent fuel storage facilities. In addition, the Company's earnings power in the information and telecommunications and life/business solutions businesses, which are non-power businesses, are stable, and there is a strong probability that it will be able to maintain high earnings power over the medium to long term. Although high level of capital investment will continue, particularly in the power transmission and distribution business, JCR believes that the Company can balance the investments with the strengthening of its financial base, because nuclear power plant-related investments have now slowed down. Based on the above, JCR has affirmed the rating with rating outlook revision from Stable to Positive.
- (2) Considering the investment burden for future growth, including decarbonization-related investments, the Company will be required to continuously improve its financial base. The Company's management



target is an equity ratio of 28% or more as of the end of the fiscal year ending March 2026, and JCR will assess whether it can further improve that level.

Issuer: The Chugoku Electric Power Company, Incorporated

<Affirmation>

Long-term Issuer Rating: AA
Outlook: Stable
Bonds: AA
Bonds (Dated subordinated bonds): A+
Subordinated Loan A+

Shelf Registration: Preliminary AA

CP: J-1+

- (1) The Chugoku Electric Power Company, Incorporated (the "Company") supplies electricity mainly to the Chugoku region. The profits will stabilize backed by the effects of revisions to regulated and unregulated electricity rates, and it is highly likely that the financial base, which has deteriorated over the past several years, will recover. Going forward, the restart of the Shimane Nuclear Power Station Unit 2 is expected to boost profits, but there are several other companies in the vicinity of its supply area that are ahead of the Company in restarting nuclear power plants, so it is necessary to keep an eye on the impact of competition. On the financial side, the Shimane Nuclear Power Station Unit 3 won the bid in the long-term decarbonization power source auction, increasing the certainty of investment recovery. However, it is undeniable that the financial burden tends to precede the benefits, considering investments in specialized safety facilities for nuclear power plants. The Company continues to face the challenge of balancing the implementation of safety measure for nuclear power plants and the strengthening of its financial base. Based on the above, JCR has affirmed the rating with Stable outlook.
- (2) JCR is paying attention to the developments at the Shimane Nuclear Power Station Unit 2. In addition, as the burden of nuclear power plant-related investments is expected to remain heavy, it is essential for the Company to expand its earning power and cash flow generation capability, as well as to speed up its response to the review of conformity for the Shimane Nuclear Power Station Unit 3. In the long term, JCR will also focus on low-carbon and decarbonization efforts related to thermal power generation.

Issuer: Hokuriku Electric Power Company

<Affirmation>

Long-term Issuer Rating: AAp
Outlook: Stable

- (1) Hokuriku Electric Power Company (the "Company") supplies electricity mainly to three prefectures in the Hokuriku region and a part of Gifu Prefecture. Although the Company recently faced a difficult business environment due to soaring fuel prices and damage to several power plants caused by the Noto Peninsula Earthquake, it returned to the black and improved earnings power in the fiscal year ended March 2024 by measures such as revising regulated and unregulated electricity rates and improving management efficiency. The mainstay Nanao-ohta Thermal Power Station Unit 1 and Unit 2, which were damaged by the earthquake, were restored in May and July 2024, respectively, and their supply capacity has been restored. With the stabilization of its earnings base, the Company's financial structure, which has deteriorated over the past several years, is likely to improve in the future. Based on the above, JCR has affirmed the rating with Stable outlook.
- (2) Efforts for strengthening the financial base are important for the time being. With the heavy burden of investment in safety measures at the Shika Nuclear Power Station, the Company needs to improve its financial structure such as recovery of equity capital. The focus of attention will be on trends in the review of conformity for the Shika Nuclear Power Station Unit 2, which has been in operation for a short period of time after start of operation, and efforts to restart it, as well as diversification of revenue sources, such as strengthening non-power businesses.



Issuer: Tohoku Electric Power Company, Incorporated

<Assignment>

Shelf Registration: Preliminary AA

<Affirmation>

Long-term Issuer Rating: AA
Outlook: Stable
Bonds: AA
Bonds (Dated subordinated bonds): A+

- (1) Tohoku Electric Power Company, Incorporated (the "Company") supplies electricity mainly to six prefectures in the Tohoku region and Niigata Prefecture. Thanks to the effects of revisions to regulated and unregulated electricity rates and other factors, the profits are expected to stabilize and the financial base, which has deteriorated over the past several years, will recover. In addition, restart of the Onagawa Nuclear Power Station Unit 2, for which safety measures were completed in May 2024, is expected to further improve profit levels. On the financial side, however, the Company plans to continue to bear the burden of nuclear power plant-related investments, including the specialized safety facilities at the Onagawa Nuclear Power Station Unit 2. The Higashi Niigata LNG-fired Thermal Power Station Unit 6 won the bid in the long-term decarbonization power source auction, increasing the certainty of investment recovery, but the financial burden is expected to precede the benefits for some time. The Company's challenge is to improve its financial structure while implementing safety measures for its nuclear power plants. Based on the above, JCR has affirmed the rating with Stable outlook.
- (2) First, JCR will closely monitor whether the Onagawa Nuclear Power Station Unit 2 can be restarted within the fiscal year ending March 2025. In addition, considering the burden of nuclear power plant-related investments, it is essential to increase the earnings power and cash flow generation capability, and the start of operation of the Higashidori Nuclear Power Station is highly important. The Company is currently preparing for the review of conformity at the plant, and JCR will keep a close eye on the progress, including the safety measure construction work.

Issuer: Shikoku Electric Power Company, Incorporated

<Affirmation>

Long-term Issuer Rating: AAp
Outlook: Stable

- (1) Shikoku Electric Power Company, Incorporated (the "Company") supplies electricity mainly to almost the entire Shikoku region. The Company's earnings power and cash flow generation capability are highly stable. Its earnings and expense structure is improving through the 2023 electricity rate revisions. In the nuclear power business, the Ikata Nuclear Power Station Unit 3, which has already started the operations of specialized safety facilities, is supporting the consolidated performance, and construction of dry spent fuel storage facilities is smoothly progressing. In the non-power business, the telecommunication service business is making a stable contribution to profits. On the financial side, large capital investments have slowed down. It is highly likely that the Company's financial base will recover by securing positive free cash flow. Based on the above, JCR has affirmed the rating with Stable outlook.
- (2) Going forward, JCR will assess the status of sales in the inside and outside the supply area of the electric power business and the improvement of the financial base. The Company has set the expansion of its non-power business as a long-term earnings target. JCR will pay attention to whether the Company can improve its earning power and cash flow generation capability and diversify its revenue sources by strengthening data centers and optical communication services in the telecommunication service business and by developing projects in the international business.



Issuer: Kyushu Electric Power Company, Incorporated

<Outlook Change>

Long-term Issuer Rating: AA-

Outlook: from Stable to Positive

<Affirmation>

Bonds: AA-Bonds (Dated subordinated bonds): A

Shelf Registration: Preliminary AA-

CP: J-1+

- (1) Kyushu Electric Power Company, Incorporated (the "Company") supplies electricity mainly to the Kyushu region. In addition to the established system of four nuclear power plants, its ICT services and urban development businesses are contributing to the consolidated performance in the non-power business. As the business environment has calmed down, JCR judged that the probability of accelerating the improvement of financial structure has increased due to the stabilization of its earning power. In Kyushu, investment plans for semiconductor plants that consume large amounts of electricity are increasing. JCR will assess whether the Company can further strengthen its financial structure by utilizing power supplies that are competitive in terms of environmental and economic performance and by expanding its earning power. Based on the above, JCR has affirmed the rating with rating outlook revision from Stable to Positive.
- (2) JCR will focus on the improvement of the Company's financial structure, including an increase in the equity ratio. The Company is considering a new group structure, including the establishment of a holding company as one option. While it is necessary to watch the developments, JCR assumes that it will have no impact on the creditworthiness of the Group under the current circumstances.

Issuer: Hokkaido Electric Power Company, Incorporated

<Affirmation>

Long-term Issuer Rating: AA-p
Outlook: Stable

- (1) Hokkaido Electric Power Company, Incorporated (the "Company") supplies electricity mainly to entire Hokkaido. The Company has restored its earnings power on the back of revisions to regulated and unregulated electricity rates and improved management efficiency. Demand for electric power is expected to increase over the long term in Hokkaido due to the expansion of semiconductor-related companies and data centers. It is highly likely that the Company will see greater earnings opportunities, which will require it not only to secure supply capacity, but also to supply power in an economical and environmentally friendly manner. Although the Ishikariwan Shinko Power Station Unit 2 (LNG thermal) won the bid in the long-term decarbonization power source auction, it is difficult to foresee the restart of the Tomari Nuclear Power Station, which is seen as a driving force for earnings growth. With the burden of nuclear power plant-related and other investments expected to precede the benefits for some time, improving the financial structure going forward by maintaining and improving earnings power will be an important viewpoint for the rating. Based on the above, JCR has affirmed the rating with Stable outlook.
- (2) Strengthening the financial base, such as increasing equity capital, is an issue, and JCR will closely monitor the speed of profit accumulation and dividend policy. The restart of the Tomari Nuclear Power Station is essential for expanding the earnings power and cash flow generation capability. For the review of conformity for the Tomari Nuclear Power Station, the Company is working to increase the efficiency by increasing the number of human resources allocated, and JCR will focus on the effectiveness of these efforts.

Issuer: Electric Power Development Co., Ltd.

<Affirmation>

Long-term Issuer Rating: AA+
Outlook: Stable
Bonds: AA+

Shelf Registration: Preliminary AA+

CP: J-1+

(1) Electric Power Development Co., Ltd. (the "Company")'s main business is the wholesale of electricity to the ten former general electricity utilities. The earnings power and cash flow generation capability are stable. Its performance is supported by its solid domestic customer base, cost competitiveness of its power generation business, and overseas business. With respect to the changes in the



operational patterns of thermal power plants in response to the increase in renewable energy generation, the Company is reducing the negative impact on profits by adjusting operations based on forecasts of electricity supply and demand. In the future, attention should be paid to the risk that the sustainability of domestic coal-fired thermal power generation may be questioned. However, in addition to diversifying revenue sources and business risks through the development of renewable energy power generation and expansion of overseas power generation business, the Company has also made progresses in its efforts to reduce environmental load, such as low-carbonization of thermal power generation. Capital expenditures are planned for replacement investments and development of renewable energy power generation. Considering the outlook for operating cash flow, the impact on the financial indicators will not be significant. Based on the above, JCR has affirmed the rating with Stable outlook.

(2) While the short-term focus will be on the restart of operations of Tachibanawan Thermal Power Station Unit 1 (scheduled for the end of February 2025), JCR believes that efforts to curb equipment trouble at thermal power stations, which has occurred in recent years, are important. Focuses in the future include the low-carbon and decarbonization efforts such as the GENESIS Matsushima Project to commercialize the decarbonization technology established in the Osaki CoolGen Project and progress of review of conformity for the Oma Nuclear Power Station under construction, which places a heavy financial burden on the Company.

Shigenobu Tonomura, Tadashi Ono



Rating

Issuer: Chubu Electric Power Company, Incorporated

<Outlook Change>
Long-term Issuer Rating: AA Outlook: Positive

<Affirmation>

<affirmation></affirmation>					
Issue	Amount	Issue Date	Due Date	Coupon	Rating
	(JPY mn)	(yyyy.mm.dd)	(yyyy.mm.dd)	(%)	
Bonds no. 420	30,000	1998.07.31	2028.07.25	3.0	AA
Bonds no. 501	20,000	2014.09.19	2024.09.25	0.803	AA
Bonds no. 502	20,000	2014.12.11	2024.12.25	0.671	AA
Bonds no. 503	20,000	2015.03.06	2025.03.25	0.584	AA
Bonds no. 504	10,000	2015.08.12	2025.08.25	0.694	AA
Bonds no. 505	10,000	2015.08.12	2030.08.23	1.128	AA
Bonds no. 506	20,000	2015.09.11	2025.09.25	0.695	AA
Bonds no. 507	20,000	2016.01.22	2026.01.23	0.605	AA
Bonds no. 509	10,000	2016.06.17	2026.06.25	0.250	AA
Bonds no. 510	10,000	2016.06.17	2036.06.25	0.628	AA
Bonds no. 511	20,000	2016.07.15	2026.07.24	0.210	AA
Bonds no. 512	10,000	2016.07.15	2036.07.25	0.435	AA
Bonds no. 515	10,000	2016.10.17	2036.10.24	0.693	AA
Bonds no. 516	10,000	2016.12.06	2026.12.25	0.260	AA
Bonds no. 517	10,000	2016.12.06	2036.12.25	0.706	AA
Bonds no. 519	20,000	2017.01.20	2037.01.23	0.840	AA
Bonds no. 521	10,000	2017.03.07	2037.03.25	0.853	AA
Bonds no. 523	10,000	2017.04.14	2037.04.24	0.863	AA
Bonds no. 524	20,000	2017.05.31	2027.05.25	0.390	AA
Bonds no. 525	10,000	2017.05.31	2037.05.25	0.816	AA
Bonds no. 526	10,000	2017.10.16	2027.10.25	0.380	AA
Bonds no. 527	10,000	2017.10.16	2037.10.23	0.806	AA
Bonds no. 529	10,000	2018.11.30	2028.11.24	0.390	AA
Bonds no. 530	20,000	2019.06.20	2029.06.25	0.274	AA
Bonds no. 531	10,000	2019.06.20	2039.06.24	0.563	AA
Bonds no. 532	20,000	2019.07.12	2029.07.25	0.224	AA
Bonds no. 533	10,000	2019.07.12	2039.07.25	0.518	AA
Bonds no. 534	30,000	2019.09.12	2024.08.23	0.100	AA
Bonds no. 535	10,000	2019.11.28	2029.11.22	0.260	AA
Bonds no. 536	10,000	2019.11.28	2039.11.25	0.550	AA
Bonds no. 537	20,000	2020.01.23	2030.01.25	0.280	AA
Bonds no. 538	10,000	2020.01.23	2040.01.25	0.550	AA
Bonds no. 539	20,000	2020.02.27	2025.02.25	0.100	AA
Bonds no. 540	10,000	2020.02.27	2040.02.24	0.530	AA
Bonds no. 542	10,000	2020.04.17	2030.04.25	0.350	AA
Bonds no. 543	20,000	2020.07.09	2025.07.25	0.120	AA
Bonds no. 544	20,000	2020.09.10	2030.09.25	0.300	AA
Bonds no. 545 (green bonds)	10,000	2021.07.15	2031.07.25	0.300	AA
Bonds no. 546	20,000	2021.09.07	2031.09.25	0.280	AA
Bonds no. 547	10,000	2021.09.07	2041.09.25	0.570	AA
Bonds no. 548	14,100	2021.10.13	2031.10.24	0.300	AA
Bonds no. 549	9,000	2021.10.13	2041.10.25	0.600	AA
Bonds no. 550	12,000	2021.11.18	2038.11.25	0.500	AA
Bonds no. 551	30,000	2021.12.08	2024.12.25	0.001	AA
Bonds no. 552	20,000	2021.12.08	2026.12.25	0.150	AA
Bonds no. 553	10,000	2022.02.25	2027.02.25	0.250	AA
Bonds no. 554	20,000	2022.02.25	2032.02.25	0.463	AA
Bonds no. 555	30,000	2022.02.23	2025.04.25	0.403	AA
Bonds no. 556	20,000	2022.04.14	2032.04.23	0.130	AA
Bonds no. 557	30,000	2022.05.26	2027.05.25	0.344	AA
Bonds no. 558 (green bonds)	20,000	2022.05.26	2027.05.25	0.624	AA
Bonds no. 559	9,000	2022.05.26	2032.05.25	0.850	AA
Dorius IIO. 303	9,000	2022.00.09	2000.00.20	0.000	~~



Issue	Amount (JPY mn)	Issue Date (yyyy.mm.dd)	Due Date (yyyy.mm.dd)	Coupon (%)	Rating
Bonds no. 560	9,200	2022.07.14	2042.07.25	1.200	AA
Bonds no. 561	12,000	2022.09.07	2042.09.25	1.200	AA
Bonds no. 562	20,000	2022.10.19	2025.10.24	0.270	AA
Bonds no. 563	10,000	2023.08.30	2033.08.25	0.972	AA
Bonds no. 564	10,000	2023.08.30	2043.08.25	1.704	AA
Bonds no. 565	5,000	2023.10.12	2040.10.25	1.570	AA
Bonds no. 566	35,000	2024.04.10	2034.04.25	1.071	AA
Bonds no. 567	10,000	2024.04.10	2044.04.25	1.789	AA
Bonds no. 568 (green bonds)	10,000	2024.05.22	2034.05.25	1.214	AA
Bonds no. 569	8,000	2024.05.22	2044.05.25	1.987	AA

(The above bonds are attached with general security.)

Shelf Registration: Preliminary AA

Maximum: JPY 500 billion

Valid: Two years effective from October 13, 2022

CP: J-1+

Maximum: JPY 400 billion

Issuer: The Kansai Electric Power Company, Incorporated

<Outlook Change>

Long-term Issuer Rating: AA Outlook: Positive

<Affirmation>

Issue	Amount	Issue Date	Due Date	Coupon	Rating
<b>D</b> 1 100	(JPY mn)	(yyyy.mm.dd)	(yyyy.mm.dd)	(%)	
Bonds no. 496	20,000	2015.02.27	2025.02.25	0.908	AA
Bonds no. 497	30,000	2015.06.19	2025.06.20	1.002	AA
Bonds no. 499	20,000	2016.01.26	2026.01.23	0.680	AA
Bonds no. 500	30,000	2016.03.08	2026.03.19	0.455	AA
Bonds no. 502	20,000	2016.05.31	2026.05.25	0.370	AA
Bonds no. 503	20,000	2016.05.31	2036.05.23	0.848	AA
Bonds no. 504	30,000	2016.07.22	2026.07.24	0.290	AA
Bonds no. 506	30,000	2016.10.26	2026.10.23	0.330	AA
Bonds no. 508	30,000	2017.04.18	2027.04.23	0.455	AA
Bonds no. 509	40,000	2017.05.31	2027.05.25	0.470	AA
Bonds no. 510	50,000	2017.07.21	2027.07.23	0.490	AA
Bonds no. 511	30,000	2017.09.13	2027.09.17	0.410	AA
Bonds no. 512	30,000	2017.10.26	2024.10.25	0.320	AA
Bonds no. 513	40,000	2017.12.14	2027.12.20	0.460	AA
Bonds no. 515	40,000	2018.04.19	2028.04.25	0.435	AA
Bonds no. 516	10,000	2018.04.19	2038.04.19	0.759	AA
Bonds no. 518	30,000	2018.06.14	2028.06.20	0.440	AA
Bonds no. 520	10,000	2018.07.20	2038.07.16	0.730	AA
Bonds no. 522	30,000	2018.09.06	2028.09.20	0.470	AA
Bonds no. 524	30,000	2018.10.12	2028.10.25	0.514	AA
Bonds no. 528	20,000	2019.04.11	2029.04.25	0.500	AA
Bonds no. 530	40,000	2019.06.06	2029.06.20	0.405	AA
Bonds no. 531	10,000	2019.06.06	2039.06.20	0.672	AA
Bonds no. 533	10,000	2019.07.11	2049.07.09	0.960	AA
Bonds no. 534	20,000	2019.09.05	2026.09.18	0.240	AA
Bonds no. 535	50,000	2020.12.03	2025.12.19	0.180	AA
Bonds no. 536	50,000	2020.12.03	2030.12.20	0.440	AA
Bonds no. 537	30,000	2021.01.27	2026.01.23	0.140	AA
Bonds no. 538	30,000	2021.01.27	2031.01.24	0.390	AA
Bonds no. 539	10,000	2021.01.27	2041.01.25	0.620	AA
Bonds no. 540	50,000	2021.09.02	2026.09.18	0.120	AA
Bonds no. 541	50,000	2021.09.02	2031.09.19	0.370	AA
Bonds no. 542	10,000	2021.09.02	2041.09.20	0.600	AA
Bonds no. 543	50,000	2021.10.14	2024.10.25	0.001	AA



Issue	Amount (JPY mn)	Issue Date (yyyy.mm.dd)	Due Date (yyyy.mm.dd)	Coupon (%)	Rating
Bonds no. 544	30,000	2021.10.14	2031.10.24	0.340	AA
Bonds no. 545	10,000	2021.10.14	2041.10.25	0.600	AA
Bonds no. 546	30,000	2021.12.09	2026.12.18	0.170	AA
Bonds no. 547 (green bonds)	30,000	2022.04.14	2027.04.23	0.330	AA
Bonds no. 548 (green bonds)	25,000	2022.04.14	2032.04.23	0.574	AA
Bonds no. 549	30,000	2022.05.26	2025.05.23	0.270	AA
Bonds no. 550	20,000	2022.05.26	2027.05.25	0.390	AA
Bonds no. 551	15,000	2022.05.26	2032.05.25	0.664	AA
Bonds no. 552	20,000	2022.07.14	2025.07.25	0.400	AA
Bonds no. 553	7,000	2022.07.14	2042.07.25	1.210	AA
Bonds no. 554	20,000	2022.10.14	2025.10.24	0.410	AA
Bonds no. 555	9,000	2022.10.14	2032.10.25	0.899	AA
Bonds no. 556 (green bonds)	20,000	2023.07.20	2033.07.25	0.900	AA
Bonds no. 557	10,000	2023.07.20	2043.07.24	1.450	AA
Bonds no. 558 (green bonds)	20,000	2023.09.07	2033.09.20	1.073	AA
Bonds no. 559	10,000	2023.09.07	2043.09.18	1.751	AA
Bonds no. 560	22,200	2023.11.24	2033.11.25	1.366	AA
Bonds no. 561	10,200	2023.11.24	2043.11.25	1.904	AA
Bonds no. 562	30,000	2024.01.25	2034.01.25	1.128	AA
Bonds no. 563	5,000	2024.01.25	2044.01.25	1.796	AA
Bonds no. 564	12,300	2024.04.11	2034.04.25	1.101	AA
Bonds no. 565	9,000	2024.04.11	2044.04.25	1.803	AA
Bonds no. 566	6,300	2024.04.16	2043.04.24	1.769	AA
Bonds no. 567	30,000	2024.05.23	2034.05.25	1.339	AA
Bonds no. 568	8,500	2024.05.23	2044.05.25	2.002	AA
Bonds no. 569 (transition bonds)	30,000	2024.07.11	2029.07.25	0.888	AA
Bonds no. 570 (transition bonds)	15,000	2024.07.11	2034.07.25	1.560	AA
(The above bonds are attached w	ith general secu	urity.)			
Issue	Amount (JPY mn)	Issue Date (yyyy.mm.dd)	Due Date (yyyy.mm.dd)	Coupon	Rating
1st Series Deferrable Interest and	` '	,	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		
	90,000	2022.03.10	2082.03.20	(Note 1)	A+
2nd Series Deferrable Interest and	d Callable Unse	cured Subordinate	ed Bonds	,	
	15,000	2022.03.10	2082.03.20	(Note 2)	A+
3rd Series Deferrable Interest and	Callable Unse	cured Subordinate	d Bonds	. ,	
	115,000	2022.03.10	2082.03.20	(Note 3)	A+
				•	

#### Notes:

- 1. 0.896% on interest payment dates from March 11, 2022 to March 20, 2027. 1-year JGB interest rate + 0.900% on interest payment dates from March 21, 2027 to March 20, 2032. 1-year JGB interest rate + 1.200% on interest payment dates from March 21, 2032 to March 20, 2047. 1-year JGB interest rate + 1.900% on interest payment dates after that date.
- 2. 0.965% on interest payment dates from March 11, 2022 to March 20, 2029. 1-year JGB interest rate + 0.950% on interest payment dates from March 21, 2029 to March 20, 2032. 1-year JGB interest rate + 1.250% on interest payment dates from March 21, 2032 to March 20, 2049. 1-year JGB interest rate + 1.950% on interest payment dates after that date.
- 3. 1.259% on interest payment dates from March 11, 2022 to March 20, 2032. 1-year JGB interest rate + 1.400% on interest payment dates from March 21, 2032 to March 20, 2052. 1-year JGB interest rate + 2.100% on interest payment dates after that date.

Shelf Registration: Preliminary AA

Maximum: JPY 800 billion

Valid: Two years effective from August 8, 2022

CP: J-1+

Maximum: JPY 500 billion

Issuer: The Chugoku Electric Power Company, Incorporated

<Affirmation>

Long-term Issuer Rating: AA Outlook: Stable



Issue	Amount (JPY mn)	Issue Date (yyyy.mm.dd)	Due Date (yyyy.mm.dd)	Coupon (%)	Rating
Bonds no. 322	`20,000 ´	1999.11.05	2029.11.22	2.95	AA
Bonds no. 383	20,000	2014.10.24	2024.10.25	0.764	AA
Bonds no. 384	10,000	2015.04.22	2030.04.25	1.029	AA
Bonds no. 385	10,000	2015.07.16	2025.07.25	0.728	AA
Bonds no. 386	10,000	2015.12.10	2025.12.25	0.674	AA
Bonds no. 387	10,000	2016.01.25	2031.01.24	0.942	AA
Bonds no. 388	10,000	2016.03.11	2026.02.25	0.320	AA
Bonds no. 389	10,000	2016.04.13	2026.04.24	0.300	AA
Bonds no. 391	10,000	2016.06.21	2026.06.25	0.250	AA
Bonds no. 393	10,000	2016.11.25	2026.11.25	0.260	AA
Bonds no. 394	10,000	2016.11.25	2036.11.25	0.712	AA
Bonds no. 395	20,000	2017.01.20	2025.01.24	0.250	AA
Bonds no. 396	10,000	2017.01.20	2032.01.23	0.554	AA
Bonds no. 398	20,000	2017.07.18	2027.07.23	0.425	AA
Bonds no. 399	10,000	2017.07.18	2037.06.25	0.839	AA
Bonds no. 400	30,000	2017.09.15	2027.09.24	0.340	AA
Bonds no. 402	20,000	2017.10.16	2024.10.25	0.250	AA
Bonds no. 403	10,000	2018.01.25	2038.01.25	0.800	AA
Bonds no. 404	20,000	2018.04.16	2028.04.25	0.355	AA
Bonds no. 405	10,000	2018.05.25	2025.05.23	0.240	AA
Bonds no. 406	10,000	2018.05.25	2038.05.25	0.752	AA
Bonds no. 408	20,000	2018.07.17	2028.07.25	0.355	AA
Bonds no. 409	10,000	2018.09.18	2028.09.25	0.400	AA
Bonds no. 410	10,000	2018.09.03	2037.08.25	0.771	AA
Bonds no. 411	20,000	2018.10.15	2028.10.25	0.439	AA
Bonds no. 412	10,000	2019.01.25	2039.01.25	0.759	AA
Bonds no. 413	10,000	2019.02.26	2029.02.22	0.400	AA
Bonds no. 414	10,000	2019.04.11	2025.04.25	0.230	AA
Bonds no. 416	20,000	2019.05.29	2029.05.25	0.355	AA
Bonds no. 417	10,000	2019.05.29	2039.05.25	0.696	AA
Bonds no. 418	20,000	2019.07.25	2029.07.25	0.224	AA
Bonds no. 419	30,000	2019.09.25	2049.09.24	0.874	AA
Bonds no. 420	20,000	2019.10.10	2029.10.25	0.230	AA
Bonds no. 421	10,000	2019.12.02	2044.11.25	0.787	AA
Bonds no. 422	10,000	2020.04.24	2030.04.25	0.350	AA
Bonds no. 423	10,000	2020.04.24	2042.04.25	0.600	AA
Bonds no. 424	10,000	2020.05.29	2045.05.25	0.800	AA
Bonds no. 425	20,000	2020.06.24	2030.06.25	0.370	AA
Bonds no. 426	20,000	2020.07.09	2030.07.25	0.330	AA
Bonds no. 427	15,000	2020.08.31	2037.08.25	0.540	AA
Bonds no. 428	15,000	2020.09.25	2040.09.25	0.620	AA
Bonds no. 429	15,000	2020.10.26	2050.10.25	0.900	AA
Bonds no. 430	10,000	2021.03.04	2044.02.25	0.670	AA
Bonds no. 431	15,000	2021.04.08	2031.04.25	0.300	AA
Bonds no. 432	30,000	2022.01.20	2025.01.24	0.040	AA
Bonds no. 433	15,000	2022.02.25	2027.02.25	0.250	AA
Bonds no. 434	15,000	2022.02.25	2032.02.25	0.463	AA
Bonds no. 435	10,000	2022.02.25	2042.02.25	0.910	AA
Bonds no. 436	10,000	2022.04.12	2032.04.23	0.534	AA
Bonds no. 437	10,000	2022.04.12	2042.04.25	0.900	AA
Bonds no. 438	10,000	2022.05.19	2034.05.25	0.670	AA
Bonds no. 439	10,000	2022.05.19	2042.05.23	0.970	AA
Bonds no. 440	12,000	2022.06.13	2052.06.25	1.250	AA
Bonds no. 441	14,600	2022.07.13	2025.07.25	0.350	AA
Bonds no. 442	20,000	2022.08.25	2025.08.25	0.350	AA
Bonds no. 443	31,000	2022.08.25	2028.08.25	0.590	AA
Bonds no. 444	12,000	2022.08.25	2032.08.25	0.790	AA
111	,000			550	, , ,



Issue		Amount (JPY mn)	Issue Date (yyyy.mm.dd)	Due Date (yyyy.mm.dd)	Coupon (%)	Rating
Bonds n	0 445	20,000	2022.09.05	2026.09.25	0.450	AA
Bonds n		10,000	2022.09.05	2031.03.25	0.700	AA
	io. 447 (transition bonds)	20,000	2023.06.01	2028.05.25	0.455	AA
Bonds n	,	60,000	2023.06.01	2033.05.25	0.920	AA
	ion-linked bonds)	33,333			0.020	,
Bonds n	,	15,000	2023.06.13	2053.06.25	1.810	AA
Bonds n		15,000	2023.07.13	2029.07.25	0.579	AA
Bonds n		10,000	2023.07.13	2035.07.25	1.100	AA
Bonds n		28,000	2023.07.13	2043.07.24	1.410	AA
	io. 453 (transition bonds)	20,000	2023.10.12	2028.03.24	0.708	AA
Bonds n	,	16,000	2023.10.12	2033.10.25	1.340	AA
(transit	ion- linked bonds)	,				
Bonds n	io. 455	11,000	2023.10.12	2046.10.25	2.041	AA
Bonds n	io. 456 (transition bonds)	10,000	2024.05.29	2029.05.25	0.844	AA
Bonds n	io. 457	16,000	2024.05.29	2034.05.25	1.401	AA
(transit	ion- linked bonds)					
Bonds n	io. 458	5,300	2024.05.29	2048.05.25	2.100	AA
Bonds n	io. 459	30,000	2024.07.10	2031.07.25	1.238	AA
Bonds n	io. 460	30,000	2024.07.10	2034.07.25	1.615	AA
Bonds n	io. 461	6,200	2024.07.10	2044.07.25	2.191	AA
(The al	bove bonds are attached w	ith general sed	curity.)			
Issue		Amount	Issue Date	Due Date	Coupon	Rating
		(JPY mn)	(yyyy.mm.dd)	(yyyy.mm.dd)	Coupon	rtaurig
1st Serie	es Deferrable Interest and (					
		100,000	2021.12.09	2061.12.23	(Note)	A+
Note:	0.840% on interest payme interest rate + 1.780% on				5, 2031. 1-ye	ear JGB
		Amount	Execution Date	Due Date	Interest	ъ .:
		(JPY mn)	(yyyy.mm.dd)	(yyyy.mm.dd)	Rate (%)	Rating
Subordi	nated Loan	100,000	2022.09.29	2062.09.28	(Note)	A+
Note:	Base rate + initial spread Date to the interest payme spread + 1% step-up inter	ent date (exclu	iding that date) in S	eptember 2032. E	Base rate + i	initial

Shelf Registration: Preliminary AA

Maximum: JPY 720 billion

Valid: Two years effective from August 19, 2022

CP: J-1+

Maximum: JPY 380 billion

Issuer: Hokuriku Electric Power Company

<Affirmation>

Long-term Issuer Rating: AAp Outlook: Stable

Issuer: Tohoku Electric Power Company, Incorporated

<Assignment>

Shelf Registration: Preliminary AA Maximum: JPY 600 billion

Valid: Two years effective from July 31, 2024

<Affirmation>

Long-term Issuer Rating: AA Outlook: Stable Issue Amount Issue Date Due Date Coupon Rating (JPY mn) (%) (yyyy.mm.dd) (yyyy.mm.dd) Bonds no. 475 AA 20,000 2014.09.16 2024.09.25 0.809 Bonds no. 476 20,000 2015.01.16 2025.01.24 0.570 AA Bonds no. 477 AA20,000 2015.02.26 2025.02.25 0.741 Bonds no. 478 10,000 2015.02.26 2030.02.25 1.265 AA Bonds no. 480 10,000 2015.04.27 2030.04.25 1.049 AA



Issue	Amount (JPY mn)	Issue Date (yyyy.mm.dd)	Due Date (yyyy.mm.dd)	Coupon (%)	Rating
Bonds no. 481	20,000	2015.07.23	2025.07.25	0.803	AA
Bonds no. 482	20,000	2016.02.25	2026.02.25	0.400	AA
Bonds no. 483	20,000	2016.05.24	2026.05.25	0.300	AA
Bonds no. 484	20,000	2016.05.24	2036.05.23	0.758	AA
Bonds no. 485	20,000	2016.07.14	2026.07.24	0.250	AA
Bonds no. 486	10,000	2016.07.14	2036.07.25	0.485	AA
Bonds no. 488	20,000	2016.10.20	2026.10.23	0.290	AA
Bonds no. 491	10,000	2017.02.28	2027.02.25	0.420	AA
Bonds no. 492	20,000	2017.04.20	2027.04.23	0.405	AA
Bonds no. 493	10,000	2017.04.20	2037.04.24	0.856	AA
Bonds no. 494	20,000	2017.06.08	2027.06.25	0.425	AA
Bonds no. 496	20,000	2017.09.07	2027.09.24	0.355	AA
Bonds no. 497	10,000	2017.09.07	2037.09.25	0.807	AA
Bonds no. 499	20,000	2017.11.27	2027.11.25	0.405	AA
Bonds no. 501	20,000	2018.06.07	2028.06.23	0.385	AA
Bonds no. 502	10,000	2018.06.07	2038.05.25	0.749	AA
Bonds no. 505	20,000	2018.11.29	2028.11.24	0.420	AA
Bonds no. 507	10,000	2019.02.28	2039.02.25	0.763	AA
Bonds no. 508	40,000	2019.04.10	2029.04.25	0.465	AA
Bonds no. 510	20,000	2019.05.29	2035.05.25	0.620	AA
Bonds no. 512	30,000	2019.09.04	2026.09.25	0.220	AA
Bonds no. 513	40,000	2019.10.17	2029.10.25	0.310	AA
Bonds no. 514	20,000	2019.10.17	2039.09.22	0.560	AA
Bonds no. 515	10,000	2019.11.27	2025.11.25	0.190	AA
Bonds no. 517 (green bonds)	5,000	2020.02.27	2030.02.25	0.310	AA
Bonds no. 518	10,000	2020.04.16	2030.04.25	0.380	AA
Bonds no. 519	10,000	2020.04.16	2040.04.25	0.580	AA
Bonds no. 521	50,000	2020.05.27	2030.05.24	0.450	AA
Bonds no. 522	45,000	2020.06.09	2025.06.25	0.160	AA
Bonds no. 523	10,000	2020.06.10	2036.06.25	0.610	AA
Bonds no. 524 (green bonds)	10,000	2020.09.16	2030.09.25	0.320	AA
Bonds no. 525	10,000	2020.10.13	2027.10.25	0.220	AA
Bonds no. 526	10,000	2020.10.13	2039.10.25	0.600	AA
Bonds no. 527	20,000	2021.02.24	2031.02.25	0.320	AA
Bonds no. 528	10,000	2021.02.24	2050.02.25	0.870	AA
Bonds no. 529	20,000	2021.04.13	2026.04.24	0.070	AA
Bonds no. 530	30,000	2021.04.13	2031.04.25	0.330	AA
Bonds no. 531	30,000	2021.05.26	2031.05.23	0.310	AA
Bonds no. 532	10,000	2021.05.26	2041.05.24	0.610	AA
Bonds no. 533	10,000	2021.05.26	2051.05.25	0.880	AA
Bonds no. 534	15,000	2021.06.15	2038.06.25	0.510	AA
Bonds no. 535	30,000	2021.07.21	2028.07.25	0.200	AA
Bonds no. 536	30,000	2021.09.15	2031.09.25	0.290	AA
Bonds no. 537	10,000	2021.10.12	2035.10.25	0.380	AA
Bonds no. 538	20,000	2021.11.24	2031.11.25	0.330	AA
Bonds no. 539	10,000	2021.11.24	2041.11.25	0.630	AA
Bonds no. 540	15,000	2022.01.20	2027.01.25	0.190	AA
Bonds no. 541	20,000	2022.01.20	2032.01.23	0.350	AA
Bonds no. 542	30,000	2022.04.12	2025.04.25	0.140	AA
Bonds no. 543	40,000	2022.04.12	2027.04.23	0.340	AA
Bonds no. 544	40,000	2022.04.12	2032.04.23	0.574	AA
Bonds no. 545	20,000	2022.04.12	2027.06.25	0.400	AA
Bonds no. 546 (green bonds)	10,000	2022.06.02	2032.06.25	0.400	AA
Bonds no. 547	13,300	2022.06.15	2029.06.25	0.500	AA
Bonds no. 548	5,000	2022.06.15	2029.00.25	1.150	AA
Bonds no. 549	8,500	2022.00.13	2030.10.25	0.840	AA
Bonds no. 550	5,900	2022.10.13	2042.10.24	1.300	AA
Donus no. Jou	5,500	2022.10.13	2072.10.24	1.500	$\neg \neg$



Issue	Amount (JPY mn)	Issue Date (yyyy.mm.dd)	Due Date (yyyy.mm.dd)	Coupon	Rating
Bonds no. 551	30,000	2022.11.22	2025.11.25	(%) 0.440	AA
Bonds no. 552	27,000	2022.11.22	2028.12.25	0.440	AA
Bonds no. 553	23,700	2022.12.13	2029.10.25	1.060	AA
Bonds no. 554	7,300	2023.01.20	2029.10.23	1.650	AA
	10,000	2023.01.20	2043.01.23	1.030	AA
Bonds no. 555 (transition bonds)	5,000				
Bonds no. 556 (transition bonds)	20,000	2023.03.09	2043.03.25	1.640	AA
Bonds no. 557	,	2023.04.13	2033.04.25	1.140	AA
Bonds no. 558	20,000	2023.05.25	2045.05.25	1.600	AA
Bonds no. 559	15,000	2023.06.23	2026.06.25	0.32	AA
Bonds no. 560	20,000	2023.07.12	2033.07.25	0.870	AA
Bonds no. 561	10,000	2023.07.12	2053.07.25	1.750	AA
Bonds no. 562	10,000	2023.12.22	2026.12.25	0.43	AA
Bonds no. 563	30,000	2024.04.10	2034.04.25	1.161	AA
Bonds no. 564	13,000	2024.04.10	2054.04.24	2.100	AA
Bonds no. 565	10,000	2024.06.21	2027.06.25	0.75	AA
Bonds no. 566	20,000	2024.07.10	2034.07.25	1.605	AA
(The above bonds are attached wi	th general sec	urity.)			
Issue	Amount	Issue Date	Due Date	Coupon	Rating
	(JPY mn)	(yyyy.mm.dd)	(yyyy.mm.dd)	Coupon	ixaurig
1st Series Deferrable Interest and	Callable Unse	cured Subordinated	d Bonds		
	133,000	2022.09.15	2057.09.14	(Note 1)	A+
2nd Series Deferrable Interest and	Callable Unse	cured Subordinate	ed Bonds		
	26,000	2022.09.15	2059.09.12	(Note 2)	A+
3rd Series Deferrable Interest and	Callable Unse	cured Subordinated	d Bonds		
	82,000	2022.09.15	2062.09.15	(Note 3)	A+
4th Series Deferrable Interest and	Callable Unse	cured Subordinated	d Bonds		
	39,000	2022.09.15	2067.09.15	(Note 4)	A+
<b>8.1</b> (				. ,	

#### Notes:

- 1. 1.545% on interest payment dates from September 16, 2022 to September 15, 2027. 1-year JGB interest rate + 2.500% on interest payment dates after that date.
- 2. 1.754% on interest payment dates from September 16, 2022 to September 15, 2029. 1-year JGB interest rate + 2.600% on interest payment dates after that date.
- 3. 2.099% on interest payment dates from September 16, 2022 to September 15, 2032. 1-year JGB interest rate + 2.850% on interest payment dates after that date.
- 4. 2.521% on interest payment dates from September 16, 2022 to September 15, 2037. 1-year JGB interest rate + 2.850% on interest payment dates after that date.

Issuer: Shikoku Electric Power Company, Incorporated

<Affirmation>

Long-term Issuer Rating: AAp Outlook: Stable

Issuer: Kyushu Electric Power Company, Incorporated

<Outlook Change>

Long-term Issuer Rating: AA- Outlook: Positive

<Affirmation>

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Issue	Amount	Issue Date	Due Date	Coupon	Rating
	(JPY mn)	(yyyy.mm.dd)	(yyyy.mm.dd)	(%)	
Bonds no. 413	20,000	2010.08.11	2030.08.09	1.766	AA-
Bonds no. 429	30,000	2014.09.11	2024.09.25	0.909	AA-
Bonds no. 431	20,000	2014.12.10	2024.12.25	0.811	AA-
Bonds no. 434	10,000	2015.11.27	2025.11.25	0.801	AA-
Bonds no. 437	10,000	2016.01.19	2026.01.23	0.685	AA-
Bonds no. 439	20,000	2016.04.19	2036.04.25	0.907	AA-
Bonds no. 441	10,000	2016.06.21	2026.06.25	0.320	AA-
Bonds no. 442	10,000	2016.06.21	2036.06.25	0.668	AA-
Bonds no. 444	20,000	2016.10.25	2026.10.23	0.320	AA-
Bonds no. 445	10,000	2016.12.14	2026.12.25	0.360	AA-
Bonds no. 446	10,000	2016.12.14	2036.12.25	0.850	AA-



Issue	Amount (JPY mn)	Issue Date (yyyy.mm.dd)	Due Date (yyyy.mm.dd)	Coupon (%)	Rating
Bonds no. 448	10,000	2017.01.24	2037.01.23	0.920	AA-
Bonds no. 449	30,000	2017.04.26	2027.04.23	0.430	AA-
Bonds no. 451	20,000	2017.05.31	2027.05.25	0.450	AA-
Bonds no. 453	20,000	2017.08.31	2027.08.25	0.380	AA-
Bonds no. 455	20,000	2017.11.22	2027.11.25	0.410	AA-
Bonds no. 456	10,000	2017.11.22	2037.11.25	0.841	AA-
Bonds no. 459	10,000	2018.01.24	2028.01.25	0.445	AA-
Bonds no. 461	10,000	2018.03.01	2038.02.25	0.802	AA-
Bonds no. 462	20,000	2018.05.24	2028.05.25	0.420	AA-
Bonds no. 463	10,000	2018.05.24	2038.05.25	0.792	AA-
Bonds no. 465	20,000	2018.07.12	2028.07.25	0.380	AA-
Bonds no. 466	10,000	2018.07.12	2038.07.23	0.720	AA-
Bonds no. 468	20,000	2018.08.30	2028.08.25	0.435	AA-
Bonds no. 469	20,000	2018.10.24	2025.10.24	0.300	AA-
Bonds no. 470	10,000	2018.10.24	2035.10.25	0.799	AA-
Bonds no. 471	20,000	2018.11.21	2028.11.24	0.455	AA-
Bonds no. 472	10,000	2018.11.21	2038.11.25	0.883	AA-
Bonds no. 475	10,000	2019.03.14	2039.03.25	0.788	AA-
Bonds no. 476	35,000	2019.05.23	2029.05.25	0.430	AA-
Bonds no. 477	15,000	2019.05.23	2039.05.25	0.721	AA-
Bonds no. 478	15,000	2019.06.13	2037.06.25	0.606	AA-
Bonds no. 480	10,000	2019.07.25	2025.07.25	0.180	AA-
Bonds no. 481	20,000	2019.07.25	2029.07.25	0.324	AA-
Bonds no. 482	60,000	2019.09.03	2024.08.23	0.170	AA-
Bonds no. 483	15,000	2019.09.03	2039.08.25	0.501	AA-
Bonds no. 484	35,000	2019.11.28	2029.11.22	0.375	AA-
Bonds no. 485	10,000	2019.11.28	2039.11.25	0.606	AA-
Bonds no. 487	15,000	2019.12.17	2049.12.24	0.998	AA-
Bonds no. 489	25,000	2020.05.21	2030.05.24	0.440	AA-
Bonds no. 491	50,000	2021.04.22	2031.04.25	0.340	AA-
Bonds no. 492	15,000	2021.04.22	2041.04.25	0.650	AA-
Bonds no. 493	50,000	2021.06.10	2026.05.25	0.100	AA-
Bonds no. 494 (green bonds)	15,000	2021.06.10	2031.05.23	0.310	AA-
Bonds no. 495	15,000	2021.07.14	2040.07.25	0.610	AA-
Bonds no. 496	20,000	2021.10.12	2031.10.24	0.330	AA-
Bonds no. 497	15,000	2021.10.12	2048.10.23	0.800	AA-
Bonds no. 498	20,000	2021.12.16	2026.12.25	0.170	AA-
Bonds no. 499	10,000	2021.12.16	2034.12.25	0.420	AA-
Bonds no. 500	17,000	2022.01.20	2051.12.25	0.900	AA-
Bonds no. 501	10,000	2022.02.25	2025.02.25	0.070	AA-
Bonds no. 502	23,000	2022.02.25	2032.02.25	0.493	AA-
Bonds no. 503	45,000	2022.04.13	2027.04.23	0.360	AA-
Bonds no. 504	33,000	2022.04.13	2032.04.23	0.589	AA-
Bonds no. 505	7,000	2022.04.13	2052.03.25	1.170	AA-
Bonds no. 506 (transition bonds)	30,000	2022.05.24	2027.05.25	0.350	AA-
Bonds no. 507 (transition bonds)	25,000	2022.05.24	2032.05.25	0.644	AA-
Bonds no. 508	7,000	2022.07.12	2025.07.25	0.350	AA-
Bonds no. 509	8,100	2022.07.12	2040.07.25	1.040	AA-
Bonds no. 510	15,000	2022.07.12	2028.07.25	0.670	AA-
Bonds no. 511	35,000	2022.08.30	2027.02.25	0.510	AA-
Bonds no. 512	15,000	2022.08.30	2032.08.25	0.819	AA-
Bonds no. 513	26,000	2022.11.25	2025.11.25	0.450	AA-
Bonds no. 514	13,900	2023.02.24	2026.02.25	0.410	AA-
Bonds no. 515	10,000	2023.06.01	2030.05.24	0.620	AA-
Bonds no. 516	20,000	2023.06.01	2033.05.25	0.920	AA-
Bonds no. 517 (green bonds)	10,000	2023.07.21	2033.07.25	0.860	AA-
Bonds no. 518	5,000	2023.07.21	2038.07.23	1.170	AA-



Issue	Amount (JPY mn)	Issue Date (yyyy.mm.dd)	Due Date (yyyy.mm.dd)	Coupon (%)	Rating
Bonds no. 519	`10,000 <sup>^</sup>	2023.07.21	2043.07.24	1.430	AA-
Bonds no. 520	10,000	2023.09.06	2028.08.25	0.539	AA-
Bonds no. 521	10,000	2023.09.21	2041.09.25	1.650	AA-
Bonds no. 522	15,000	2023.12.07	2028.12.07	(Note 1)	AA-
Bonds no. 523	10,000	2023.12.22	2026.12.25	0.43	AA-
Bonds no. 524	20,000	2024.04.11	2034.04.25	1.161	AA-
Bonds no. 525	10,000	2024.04.11	2036.04.25	1.376	AA-
Bonds no. 526 (transition bonds)	10,000	2024.06.03	2029.05.25	0.858	AA-
Bonds no. 527 (transition bonds)	20,000	2024.06.03	2034.05.25	1.425	AA-
(The above bonds are attached with	th general sec	urity.)			
Issue	Amount	Issue Date	Due Date	Coupon	Rating
	(JPY mn)	(yyyy.mm.dd)	(yyyy.mm.dd)		
1st Series Deferrable Interest and	Callable Unse	cured Subordinated	d Bonds		
	70,000	2020.10.15	2080.10.15	(Note 2)	Α
2nd Series Deferrable Interest and	Callable Unse	ecured Subordinate	ed Bonds		
	30,000	2020.10.15	2080.10.15	(Note 3)	Α
3rd Series Deferrable Interest and	Callable Unse	ecured Subordinate	d Bonds		
	100,000	2020.10.15	2080.10.15	(Note 4)	Α

#### Notes:

- 1. 6-month JPY TIBOR + 0.30%
- 2. 0.99% on interest payment dates from October 16, 2020 to October 15, 2025. 6M Euroyen LIBOR + 1.02% on interest payment dates from October 16, 2025 to October 15, 2030. 6M Euroyen LIBOR + 1.32% on interest payment dates from October 16, 2030 to October 15, 2045. 6M Euroyen LIBOR + 2.02% on interest payment dates after that date.
- 3. 1.09% on interest payment dates from October 16, 2020 to October 15, 2027. 6M Euroyen LIBOR + 1.10% on interest payment dates from October 16, 2027 to October 15, 2030. 6M Euroyen LIBOR + 1.40% on interest payment dates from October 16, 2030 to October 15, 2047. 6M Euroyen LIBOR + 2.10% on interest payment dates after that date.
- 4. 1.30% on interest payment dates from October 16, 2020 to October 15, 2030. 6M Euroyen LIBOR + 1.55% on interest payment dates from October 16, 2030 to October 15, 2050. 6M Euroyen LIBOR + 2.25% on interest payment dates after that date.

Shelf Registration: Preliminary AA-

Maximum: JPY 600 billion

Valid: Two years effective from April 27, 2024

CP: J-1+

Maximum: JPY 350 billion

Issuer: Hokkaido Electric Power Company, Incorporated

<Affirmation>

Long-term Issuer Rating: AA-p Outlook: Stable

Issuer: Electric Power Development Co., Ltd.

<Affirmation>

, minimation					
Long-term Issuer Rating: AA+	Outlook: Stable				
Issue	Amount	Issue Date	Due Date	Coupon	Rating
	(JPY mn)	(yyyy.mm.dd)	(yyyy.mm.dd)	(%)	
Bonds no. 5	10,000	2004.11.02	2024.09.20	2.24	AA+
Bonds no. 8	20,000	2005.02.24	2024.12.20	2.11	AA+
Bonds no. 11	20,000	2005.06.07	2025.03.19	2.05	AA+
Bonds no. 13	20,000	2005.07.22	2025.06.20	2.04	AA+
Bonds no. 15	20,000	2005.10.20	2025.09.19	2.11	AA+
Bonds no. 26	15,000	2009.03.12	2028.12.20	2.22	AA+
Bonds no. 41	20,000	2014.09.02	2024.08.20	0.782	AA+
Bonds no. 42	10,000	2016.04.18	2026.04.20	0.310	AA+
Bonds no. 43	20,000	2016.06.07	2026.06.19	0.290	AA+
Bonds no. 44	10,000	2016.10.20	2036.10.20	0.688	AA+
Bonds no. 45	10,000	2016.11.29	2026.11.20	0.260	AA+
Bonds no. 47	10,000	2017.02.22	2037.02.20	0.919	AA+



Issue	Amount (JPY mn)	Issue Date (yyyy.mm.dd)	Due Date (yyyy.mm.dd)	Coupon (%)	Rating
Bonds no. 48	10,000	2017.04.13	2032.04.20	0.569	AA+
Bonds no. 49	20,000	2017.04.13	2027.05.20	0.400	AA+
Bonds no. 50	10,000	2017.07.19	2027.03.20	0.415	AA+
Bonds no. 51	10,000	2017.07.19	2037.07.17	0.413	AA+
Bonds no. 52	10,000	2017.07.19	2037.07.17	0.748	AA+
Bonds no. 53	10,000	2017.10.13	2027.10.20	0.740	AA+
Bonds no. 54	30,000	2017.10.15	2027.10.20	0.380	AA+
Bonds no. 55	20,000	2017.11.13	2028.05.19	0.375	AA+
Bonds no. 56			2028.05.19	0.540	AA+
	10,000	2018.05.23			
Bonds no. 57	20,000	2018.07.11	2028.07.20	0.355	AA+
Bonds no. 58	10,000	2018.07.11	2038.07.20	0.705	AA+
Bonds no. 59	20,000	2018.09.19	2028.09.20	0.414	AA+
Bonds no. 60	10,000	2018.09.19	2038.09.17	0.804	AA+
Bonds no. 61	10,000	2018.10.12	2033.10.20	0.682	AA+
Bonds no. 62	10,000	2018.10.23	2036.10.20	0.805	AA+
Bonds no. 63	10,000	2018.11.29	2025.11.20	0.250	AA+
Bonds no. 64	10,000	2019.04.10	2029.04.20	0.405	AA+
Bonds no. 65	10,000	2019.04.10	2039.04.20	0.739	AA+
Bonds no. 66	10,000	2019.04.23	2049.04.20	1.146	AA+
Bonds no. 67	10,000	2019.09.05	2029.09.20	0.240	AA+
Bonds no. 68	10,000	2019.09.05	2039.09.20	0.480	AA+
Bonds no. 69	20,000	2019.10.10	2039.10.20	0.500	AA+
Bonds no. 70	20,000	2020.06.04	2025.06.20	0.140	AA+
Bonds no. 71	30,000	2020.06.04	2030.06.20	0.420	AA+
Bonds no. 72 (green bonds)	20,000	2021.01.21	2031.01.20	0.350	AA+
Bonds no. 73	30,000	2021.05.20	2031.05.20	0.310	AA+
Bonds no. 74	10,000	2021.05.20	2041.05.20	0.620	AA+
Bonds no. 75	20,000	2021.10.21	2031.10.20	0.350	AA+
Bonds no. 76 (green bonds)	10,000	2022.01.20	2032.01.20	0.310	AA+
Bonds no. 77	10,000	2022.05.26	2027.05.20	0.400	AA+
Bonds no. 78	10,000	2022.05.26	2032.05.20	0.624	AA+
Bonds no. 79	23,900	2022.07.12	2025.07.18	0.350	AA+
Bonds no. 80	18,000	2022.08.24	2029.08.20	0.615	AA+
Bonds no. 81	13,700	2022.08.24	2042.08.20	1.200	AA+
Bonds no. 82 (green bonds)	17,000	2022.11.17	2032.11.19	1.000	AA+
Bonds no. 83	15,000	2022.12.07	2026.04.20	0.450	AA+
Bonds no. 84	20,000	2023.02.16	2028.02.18	0.754	AA+
Bonds no. 85	10,000	2023.03.15	2029.10.31	0.872	AA+
Bonds no. 86	20,000	2023.05.30	2033.05.20	0.930	AA+
Bonds no. 87 (green bonds)	20,000	2024.02.16	2034.02.20	1.106	AA+
Bonds no. 88	5,000	2024.02.16	2043.02.20	1.754	AA+
Bonds no. 89 (green bonds)	10,000	2024.04.10	2034.04.20	1.121	AA+
Shalf Degistration, Draliminary AA	. 5,555		200 1.20		

Shelf Registration: Preliminary AA+

Maximum: JPY 300 billion

Valid: Two years effective from July 8, 2023

CP: J-1+

Maximum: JPY 300 billion

#### Rating Assignment Date: July 24, 2024

The assumptions for the credit ratings and the definitions of the rating symbols 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 the rating methodology is shown as "JCR's Rating Methodology" (February 1, 2024), "Electric Power"(June 1, 2023) and "Ratings of Hybrid Securities" (September 10, 2012) in Information about JCR Ratings on JCR's website (https://www.jcr.co.jp/en/).

The aforementioned credit ratings for Hokuriku Electric Power Company, Shikoku Electric Power Company, Incorporated and Hokkaido Electric Power Company, Incorporated are unsolicited. Except in cases of a credit rating for a sovereign, JCR indicates affix "p" after a rating symbol to distinguish it from a rating with solicitation. The undisclosed information, which has material influence on the credit rating, was obtained from the rating stakeholder.

The rating stakeholder participated in the rating process of the aforementioned credit ratings.



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.

#### Japan Credit Rating Agency, Ltd.

Jiji Press Building, 5-15-8 Ginza, Chuo-ku, Tokyo 104-0061, Japan Tel. +81 3 3544 7013, Fax. +81 3 3544 7026

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#### INFORMATION DISCLOSURE FORM

Japan Credit Rating Agency, Ltd.

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

lssuer:	Chubu Electric Power Company, Incorporated Kyushu Electric Power Company, Incorporated Electric Power Development Co., Ltd.
Rating Publication Date:	July 29, 2024

- 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. If the credit rating is a private rating, please see the report for private rating.
- 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. If the credit rating is a private rating, please see the report for private rating.
- 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.
- 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.
- 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.
- The Types of Data Relied Upon for the Purpose of Determining the Credit Rating as Required by Paragraph (a)(1)(ii)(H) of Rule17g-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)(l) 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 warranty made by the issuer, the publication by the issuer, 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.
  - · If the credit rating is an Indication, please see the report for Indication.

### 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 public or private credit rating, such as one in the ancillary business.

# 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.

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/

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.

 $14 \left[\begin{array}{c} \text{Information on the Representations, Warranties, and Enforcement Mechanisms of an Asset-backed Security as Required by Paragraph (a)(1)(ii)(N) of rule 17g-7} \end{array}\right.$ 

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

Japan Credit Rating Agency, Ltd.
Jiji Press Building, 5-15-8 Ginza, Chuo-ku, Tokyo 104-0061, Japan
Tel. +81 3 3544 7013, Fax. +81 3 3544 7026



Issuer Name	Issue Name	Publication Date	Rating	Outlook/Direction
Chubu Electric Power Company, Incorporated	Issuer(Long-term)	December 11, 2012	AA	Negative
Chubu Electric Power Company, Incorporated	Issuer(Long-term)	July 25, 2013	AA	Negative
Chubu Electric Power Company, Incorporated	Issuer(Long-term)	August 28, 2014	AA	Negative
Chubu Electric Power Company, Incorporated	Issuer(Long-term)	August 25, 2015	AA	Stable
Chubu Electric Power Company, Incorporated	Issuer(Long-term)	June 29, 2016	AA	Stable
Chubu Electric Power Company, Incorporated	Issuer(Long-term)	July 3, 2017	AA	Stable
Chubu Electric Power Company,	Issuer(Long-term)	June 22, 2018	AA	Stable
Incorporated Chubu Electric Power Company, Incorporated	Issuer(Long-term)	July 2, 2019	AA	Stable
Chubu Electric Power Company, Incorporated	Issuer(Long-term)	July 20, 2020	AA	Stable
Chubu Electric Power Company, Incorporated	Issuer(Long-term)	July 21, 2021	AA	Stable
Chubu Electric Power Company, Incorporated	Issuer(Long-term)	July 21, 2022	AA	Stable
Chubu Electric Power Company, Incorporated	Issuer(Long-term)	July 27, 2023	AA	Stable
Chubu Electric Power Company, Incorporated	СР	September 4, 1995	J-1	
Chubu Electric Power Company, Incorporated	СР	April 17, 1996	J-1+	
Chubu Electric Power Company, Incorporated	СР	April 30, 1999	J-1+	
Chubu Electric Power Company, Incorporated	СР	March 14, 2000	J-1+	
Chubu Electric Power Company, Incorporated	СР	April 11, 2000	J-1+	
Chubu Electric Power Company, Incorporated	СР	March 15, 2001	J-1+	
Chubu Electric Power Company, Incorporated	СР	March 8, 2002	J-1+	
Chubu Electric Power Company, Incorporated	СР	April 1, 2003	J-1+	
Chubu Electric Power Company, Incorporated	СР	April 15, 2004	J-1+	
Chubu Electric Power Company, Incorporated	СР	April 8, 2005	J-1+	
Chubu Electric Power Company, Incorporated	СР	April 15, 2005	J-1+	
Chubu Electric Power Company, Incorporated	СР	April 3, 2006	J-1+	
Chubu Electric Power Company, Incorporated	СР	April 17, 2006	J-1+	
Chubu Electric Power Company, Incorporated	СР	April 17, 2007	J-1+	
Chubu Electric Power Company, Incorporated	СР	April 24, 2008	J-1+	
Chubu Electric Power Company, Incorporated	СР	April 27, 2009	J-1+	
Chubu Electric Power Company, Incorporated	СР	April 27, 2010	J-1+	
Chubu Electric Power Company, Incorporated	СР	June 6, 2011	J-1+	



Issuer Name	Issue Name	Publication Date	Rating	Outlook/Direction
Chubu Electric Power Company,	СР	September 22, 2011	J-1+	
Incorporated Chubu Electric Power Company, Incorporated	СР	June 19, 2012	J-1+	
Chubu Electric Power Company, Incorporated	СР	July 25, 2013	J-1+	
Chubu Electric Power Company, Incorporated	СР	August 28, 2014	J-1+	
Chubu Electric Power Company, Incorporated	СР	August 25, 2015	J-1+	
Chubu Electric Power Company, Incorporated	СР	June 29, 2016	J-1+	
Chubu Electric Power Company, Incorporated	СР	July 3, 2017	J-1+	
Chubu Electric Power Company, Incorporated	СР	June 22, 2018	J-1+	
Chubu Electric Power Company, Incorporated	СР	July 2, 2019	J-1+	
Chubu Electric Power Company, Incorporated	СР	July 20, 2020	J-1+	
Chubu Electric Power Company, Incorporated	СР	July 21, 2021	J-1+	
Chubu Electric Power Company, Incorporated	СР	July 21, 2022	J-1+	
Chubu Electric Power Company, Incorporated	СР	July 27, 2023	J-1+	
Chubu Electric Power Company, Incorporated	Shelf Registration	October 13, 2022	AA	
Chubu Electric Power Company, Incorporated	Shelf Registration	July 27, 2023	AA	
Chubu Electric Power Company, Incorporated	Bonds no.420	December 11, 2012	AA	
Chubu Electric Power Company, Incorporated	Bonds no.420	July 25, 2013	AA	
Chubu Electric Power Company, Incorporated	Bonds no.420	August 28, 2014	AA	
Chubu Electric Power Company, Incorporated	Bonds no.420	August 25, 2015	AA	
Chubu Electric Power Company, Incorporated	Bonds no.420	June 29, 2016	AA	
Chubu Electric Power Company, Incorporated	Bonds no.420	July 3, 2017	AA	
Chubu Electric Power Company, Incorporated	Bonds no.420	June 22, 2018	AA	
Chubu Electric Power Company, Incorporated	Bonds no.420	July 2, 2019	AA	
Chubu Electric Power Company, Incorporated	Bonds no.420	July 20, 2020	AA	
Chubu Electric Power Company, Incorporated	Bonds no.420	July 21, 2021	AA	
Chubu Electric Power Company, Incorporated	Bonds no.420	July 21, 2022	AA	
Chubu Electric Power Company, Incorporated	Bonds no.420	July 27, 2023	AA	
Chubu Electric Power Company, Incorporated	Bonds no.501	September 12, 2014	AA	
Chubu Electric Power Company, Incorporated	Bonds no.501	August 25, 2015	AA	
Chubu Electric Power Company, Incorporated	Bonds no.501	June 29, 2016	AA	



Issuer Name	Issue Name	Publication Date	Rating	Outlook/Direction
Chubu Electric Power Company,	Bonds no.501	July 3, 2017	AA	
Incorporated Chubu Electric Power Company,	Bonds no.501	June 22, 2018	AA	
Incorporated Chubu Electric Power Company,	Bonds no.501	July 2, 2019	AA	
Incorporated Chubu Electric Power Company,	Bonds no.501	July 20, 2020	AA	
Incorporated Chubu Electric Power Company,	Bonds no.501	July 21, 2021	AA	
Incorporated Chubu Electric Power Company,	Bonds no.501	July 21, 2022	AA	
Incorporated Chubu Electric Power Company,	Bonds no.501	July 27, 2023	AA	
Incorporated Chubu Electric Power Company, Incorporated	Bonds no.502	December 4, 2014	AA	
Chubu Electric Power Company, Incorporated	Bonds no.502	August 25, 2015	AA	
Chubu Electric Power Company, Incorporated	Bonds no.502	June 29, 2016	AA	
Chubu Electric Power Company, Incorporated	Bonds no.502	July 3, 2017	AA	
Chubu Electric Power Company, Incorporated	Bonds no.502	June 22, 2018	AA	
Chubu Electric Power Company, Incorporated	Bonds no.502	July 2, 2019	AA	
Chubu Electric Power Company, Incorporated	Bonds no.502	July 20, 2020	AA	
Chubu Electric Power Company, Incorporated	Bonds no.502	July 21, 2021	AA	
Chubu Electric Power Company, Incorporated	Bonds no.502	July 21, 2022	AA	
Chubu Electric Power Company, Incorporated	Bonds no.502	July 27, 2023	AA	
Chubu Electric Power Company, Incorporated	Bonds no.503	February 27, 2015	AA	
Chubu Electric Power Company, Incorporated	Bonds no.503	August 25, 2015	AA	
Chubu Electric Power Company, Incorporated	Bonds no.503	June 29, 2016	AA	
Chubu Electric Power Company, Incorporated	Bonds no.503	July 3, 2017	AA	
Chubu Electric Power Company, Incorporated	Bonds no.503	June 22, 2018	AA	
Chubu Electric Power Company, Incorporated	Bonds no.503	July 2, 2019	AA	
Chubu Electric Power Company, Incorporated	Bonds no.503	July 20, 2020	AA	
Chubu Electric Power Company, Incorporated	Bonds no.503	July 21, 2021	AA	
Chubu Electric Power Company, Incorporated	Bonds no.503	July 21, 2022	AA	
Chubu Electric Power Company, Incorporated	Bonds no.503	July 27, 2023	AA	
Chubu Electric Power Company, Incorporated	Bonds no.504	August 6, 2015	AA	
Chubu Electric Power Company, Incorporated	Bonds no.504	August 25, 2015	AA	
Chubu Electric Power Company, Incorporated	Bonds no.504	June 29, 2016	AA	



Issuer Name	Issue Name	Publication Date	Rating	Outlook/Direction
Chubu Electric Power Company,	Bonds no.504	July 3, 2017	AA	
Incorporated Chubu Electric Power Company,	Bonds no.504	June 22, 2018	AA	
Incorporated Chubu Electric Power Company,	Bonds no.504	July 2, 2019	AA	
Incorporated Chubu Electric Power Company,	Bonds no.504	July 20, 2020	AA	
Incorporated Chubu Electric Power Company,	Bonds no.504	July 21, 2021	AA	
Incorporated Chubu Electric Power Company,	Bonds no.504	July 21, 2022	AA	
Incorporated Chubu Electric Power Company,	Bonds no.504	July 27, 2023	AA	
Incorporated Chubu Electric Power Company, Incorporated	Bonds no.505	August 6, 2015	AA	
Chubu Electric Power Company, Incorporated	Bonds no.505	August 25, 2015	AA	
Chubu Electric Power Company, Incorporated	Bonds no.505	June 29, 2016	AA	
Chubu Electric Power Company, Incorporated	Bonds no.505	July 3, 2017	AA	
Chubu Electric Power Company, Incorporated	Bonds no.505	June 22, 2018	AA	
Chubu Electric Power Company, Incorporated	Bonds no.505	July 2, 2019	AA	
Chubu Electric Power Company, Incorporated	Bonds no.505	July 20, 2020	AA	
Chubu Electric Power Company, Incorporated	Bonds no.505	July 21, 2021	AA	
Chubu Electric Power Company, Incorporated	Bonds no.505	July 21, 2022	AA	
Chubu Electric Power Company, Incorporated	Bonds no.505	July 27, 2023	AA	
Chubu Electric Power Company, Incorporated	Bonds no.506	September 3, 2015	AA	
Chubu Electric Power Company, Incorporated	Bonds no.506	June 29, 2016	AA	
Chubu Electric Power Company, Incorporated	Bonds no.506	July 3, 2017	AA	
Chubu Electric Power Company, Incorporated	Bonds no.506	June 22, 2018	AA	
Chubu Electric Power Company, Incorporated	Bonds no.506	July 2, 2019	AA	
Chubu Electric Power Company, Incorporated	Bonds no.506	July 20, 2020	AA	
Chubu Electric Power Company, Incorporated	Bonds no.506	July 21, 2021	AA	
Chubu Electric Power Company, Incorporated	Bonds no.506	July 21, 2022	AA	
Chubu Electric Power Company, Incorporated	Bonds no.506	July 27, 2023	AA	
Chubu Electric Power Company, Incorporated	Bonds no.507	January 15, 2016	AA	
Chubu Electric Power Company, Incorporated	Bonds no.507	June 29, 2016	AA	
Chubu Electric Power Company, Incorporated	Bonds no.507	July 3, 2017	AA	
Chubu Electric Power Company, Incorporated	Bonds no.507	June 22, 2018	AA	



Issuer Name	Issue Name	Publication Date	Rating	Outlook/Direction
Chubu Electric Power Company,	Bonds no.507	July 2, 2019	AA	
Incorporated Chubu Electric Power Company, Incorporated	Bonds no.507	July 20, 2020	AA	
Chubu Electric Power Company, Incorporated	Bonds no.507	July 21, 2021	AA	
Chubu Electric Power Company, Incorporated	Bonds no.507	July 21, 2022	AA	
Chubu Electric Power Company, Incorporated	Bonds no.507	July 27, 2023	AA	
Chubu Electric Power Company, Incorporated	Bonds no.509	June 10, 2016	AA	
Chubu Electric Power Company, Incorporated	Bonds no.509	June 29, 2016	AA	
Chubu Electric Power Company, Incorporated	Bonds no.509	July 3, 2017	AA	
Chubu Electric Power Company, Incorporated	Bonds no.509	June 22, 2018	AA	
Chubu Electric Power Company, Incorporated	Bonds no.509	July 2, 2019	AA	
Chubu Electric Power Company, Incorporated	Bonds no.509	July 20, 2020	AA	
Chubu Electric Power Company, Incorporated	Bonds no.509	July 21, 2021	AA	
Chubu Electric Power Company, Incorporated	Bonds no.509	July 21, 2022	AA	
Chubu Electric Power Company, Incorporated	Bonds no.509	July 27, 2023	AA	
Chubu Electric Power Company, Incorporated	Bonds no.510	June 10, 2016	AA	
Chubu Electric Power Company, Incorporated	Bonds no.510	June 29, 2016	AA	
Chubu Electric Power Company, Incorporated	Bonds no.510	July 3, 2017	AA	
Chubu Electric Power Company, Incorporated	Bonds no.510	June 22, 2018	AA	
Chubu Electric Power Company, Incorporated	Bonds no.510	July 2, 2019	AA	
Chubu Electric Power Company, Incorporated	Bonds no.510	July 20, 2020	AA	
Chubu Electric Power Company, Incorporated	Bonds no.510	July 21, 2021	AA	
Chubu Electric Power Company, Incorporated	Bonds no.510	July 21, 2022	AA	
Chubu Electric Power Company, Incorporated	Bonds no.510	July 27, 2023	AA	
Chubu Electric Power Company, Incorporated	Bonds no.511	July 8, 2016	AA	
Chubu Electric Power Company, Incorporated	Bonds no.511	July 3, 2017	AA	
Chubu Electric Power Company, Incorporated	Bonds no.511	June 22, 2018	AA	
Chubu Electric Power Company, Incorporated	Bonds no.511	July 2, 2019	AA	
Chubu Electric Power Company, Incorporated	Bonds no.511	July 20, 2020	AA	
Chubu Electric Power Company, Incorporated	Bonds no.511	July 21, 2021	AA	
Chubu Electric Power Company, Incorporated	Bonds no.511	July 21, 2022	AA	



Issuer Name	Issue Name	Publication Date	Rating	Outlook/Direction
Chubu Electric Power Company,	Bonds no.511	July 27, 2023	AA	
Incorporated Chubu Electric Power Company,	Bonds no.512	July 8, 2016	AA	
Incorporated Chubu Electric Power Company,	Bonds no.512	July 3, 2017	AA	
Incorporated Chubu Electric Power Company,	Bonds no.512	June 22, 2018	AA	
Incorporated Chubu Electric Power Company,	Bonds no.512	July 2, 2019	AA	
Incorporated Chubu Electric Power Company,	Bonds no.512	July 20, 2020	AA	
Incorporated Chubu Electric Power Company,	Bonds no.512	July 21, 2021	AA	
Incorporated Chubu Electric Power Company, Incorporated	Bonds no.512	July 21, 2022	AA	
Chubu Electric Power Company, Incorporated	Bonds no.512	July 27, 2023	AA	
Chubu Electric Power Company, Incorporated	Bonds no.515	October 7, 2016	AA	
Chubu Electric Power Company, Incorporated	Bonds no.515	July 3, 2017	AA	
Chubu Electric Power Company, Incorporated	Bonds no.515	June 22, 2018	AA	
Chubu Electric Power Company, Incorporated	Bonds no.515	July 2, 2019	AA	
Chubu Electric Power Company, Incorporated	Bonds no.515	July 20, 2020	AA	
Chubu Electric Power Company, Incorporated	Bonds no.515	July 21, 2021	AA	
Chubu Electric Power Company, Incorporated	Bonds no.515	July 21, 2022	AA	
Chubu Electric Power Company, Incorporated	Bonds no.515	July 27, 2023	AA	
Chubu Electric Power Company, Incorporated	Bonds no.516	November 29, 2016	AA	
Chubu Electric Power Company, Incorporated	Bonds no.516	July 3, 2017	AA	
Chubu Electric Power Company, Incorporated	Bonds no.516	June 22, 2018	AA	
Chubu Electric Power Company, Incorporated	Bonds no.516	July 2, 2019	AA	
Chubu Electric Power Company, Incorporated	Bonds no.516	July 20, 2020	AA	
Chubu Electric Power Company, Incorporated	Bonds no.516	July 21, 2021	AA	
Chubu Electric Power Company, Incorporated	Bonds no.516	July 21, 2022	AA	
Chubu Electric Power Company, Incorporated	Bonds no.516	July 27, 2023	AA	
Chubu Electric Power Company, Incorporated	Bonds no.517	November 29, 2016	AA	
Chubu Electric Power Company, Incorporated	Bonds no.517	July 3, 2017	AA	
Chubu Electric Power Company, Incorporated	Bonds no.517	June 22, 2018	AA	
Chubu Electric Power Company, Incorporated	Bonds no.517	July 2, 2019	AA	
Chubu Electric Power Company, Incorporated	Bonds no.517	July 20, 2020	AA	



Issuer Name	Issue Name	Publication Date	Rating	Outlook/Direction
Chubu Electric Power Company,	Bonds no.517	July 21, 2021	AA	
Incorporated Chubu Electric Power Company,	Bonds no.517	July 21, 2022	AA	
Incorporated Chubu Electric Power Company,	Bonds no.517	July 27, 2023	AA	
Incorporated Chubu Electric Power Company,	Bonds no.519	January 13, 2017	AA	
Incorporated Chubu Electric Power Company,	Bonds no.519	July 3, 2017	AA	
Incorporated Chubu Electric Power Company,	Bonds no.519	June 22, 2018	AA	
Incorporated Chubu Electric Power Company,	Bonds no.519	July 2, 2019	AA	
Incorporated Chubu Electric Power Company, Incorporated	Bonds no.519	July 20, 2020	AA	
Chubu Electric Power Company, Incorporated	Bonds no.519	July 21, 2021	AA	
Chubu Electric Power Company, Incorporated	Bonds no.519	July 21, 2022	AA	
Chubu Electric Power Company, Incorporated	Bonds no.519	July 27, 2023	AA	
Chubu Electric Power Company, Incorporated	Bonds no.521	February 28, 2017	AA	
Chubu Electric Power Company, Incorporated	Bonds no.521	July 3, 2017	AA	
Chubu Electric Power Company, Incorporated	Bonds no.521	June 22, 2018	AA	
Chubu Electric Power Company, Incorporated	Bonds no.521	July 2, 2019	AA	
Chubu Electric Power Company, Incorporated	Bonds no.521	July 20, 2020	AA	
Chubu Electric Power Company, Incorporated	Bonds no.521	July 21, 2021	AA	
Chubu Electric Power Company, Incorporated	Bonds no.521	July 21, 2022	AA	
Chubu Electric Power Company, Incorporated	Bonds no.521	July 27, 2023	AA	
Chubu Electric Power Company, Incorporated	Bonds no.523	April 7, 2017	AA	
Chubu Electric Power Company, Incorporated	Bonds no.523	July 3, 2017	AA	
Chubu Electric Power Company, Incorporated	Bonds no.523	June 22, 2018	AA	
Chubu Electric Power Company, Incorporated	Bonds no.523	July 2, 2019	AA	
Chubu Electric Power Company, Incorporated	Bonds no.523	July 20, 2020	AA	
Chubu Electric Power Company, Incorporated	Bonds no.523	July 21, 2021	AA	
Chubu Electric Power Company, Incorporated	Bonds no.523	July 21, 2022	AA	
Chubu Electric Power Company, Incorporated	Bonds no.523	July 27, 2023	AA	
Chubu Electric Power Company, Incorporated	Bonds no.524	May 24, 2017	AA	
Chubu Electric Power Company, Incorporated	Bonds no.524	July 3, 2017	AA	
Chubu Electric Power Company, Incorporated	Bonds no.524	June 22, 2018	AA	



Issuer Name	Issue Name	Publication Date	Rating	Outlook/Direction
Chubu Electric Power Company,	Bonds no.524	July 2, 2019	AA	
Incorporated Chubu Electric Power Company,	Bonds no.524	July 20, 2020	AA	
Incorporated Chubu Electric Power Company,	Bonds no.524	July 21, 2021	AA	
Incorporated Chubu Electric Power Company,	Bonds no.524	July 21, 2022	AA	
Incorporated Chubu Electric Power Company,	Bonds no.524	July 27, 2023	AA	
Incorporated Chubu Electric Power Company,	Bonds no.525	May 24, 2017	AA	
Incorporated Chubu Electric Power Company,	Bonds no.525	July 3, 2017	AA	
Incorporated Chubu Electric Power Company, Incorporated	Bonds no.525	June 22, 2018	AA	
Chubu Electric Power Company, Incorporated	Bonds no.525	July 2, 2019	AA	
Chubu Electric Power Company, Incorporated	Bonds no.525	July 20, 2020	AA	
Chubu Electric Power Company, Incorporated	Bonds no.525	July 21, 2021	AA	
Chubu Electric Power Company, Incorporated	Bonds no.525	July 21, 2022	AA	
Chubu Electric Power Company, Incorporated	Bonds no.525	July 27, 2023	AA	
Chubu Electric Power Company, Incorporated	Bonds no.526	October 6, 2017	AA	
Chubu Electric Power Company, Incorporated	Bonds no.526	June 22, 2018	AA	
Chubu Electric Power Company, Incorporated	Bonds no.526	July 2, 2019	AA	
Chubu Electric Power Company, Incorporated	Bonds no.526	July 20, 2020	AA	
Chubu Electric Power Company, Incorporated	Bonds no.526	July 21, 2021	AA	
Chubu Electric Power Company, Incorporated	Bonds no.526	July 21, 2022	AA	
Chubu Electric Power Company, Incorporated	Bonds no.526	July 27, 2023	AA	
Chubu Electric Power Company, Incorporated	Bonds no.527	October 6, 2017	AA	
Chubu Electric Power Company, Incorporated	Bonds no.527	June 22, 2018	AA	
Chubu Electric Power Company, Incorporated	Bonds no.527	July 2, 2019	AA	
Chubu Electric Power Company, Incorporated	Bonds no.527	July 20, 2020	AA	
Chubu Electric Power Company, Incorporated	Bonds no.527	July 21, 2021	AA	
Chubu Electric Power Company, Incorporated	Bonds no.527	July 21, 2022	AA	
Chubu Electric Power Company, Incorporated	Bonds no.527	July 27, 2023	AA	
Chubu Electric Power Company, Incorporated	Bonds no.529	November 22, 2018	AA	
Chubu Electric Power Company, Incorporated	Bonds no.529	July 2, 2019	AA	
Chubu Electric Power Company, Incorporated	Bonds no.529	July 20, 2020	AA	



Issuer Name	Issue Name	Publication Date	Rating	Outlook/Direction
Chubu Electric Power Company,	Bonds no.529	July 21, 2021	AA	
Incorporated Chubu Electric Power Company,	Bonds no.529	July 21, 2022	AA	
Incorporated Chubu Electric Power Company,	Bonds no.529	July 27, 2023	AA	
Incorporated Chubu Electric Power Company,	Bonds no.530	June 13, 2019	AA	
Incorporated Chubu Electric Power Company,	Bonds no.530	July 2, 2019	AA	
Incorporated Chubu Electric Power Company,	Bonds no.530	July 20, 2020	AA	
Incorporated Chubu Electric Power Company,	Bonds no.530	July 21, 2021	AA	
Incorporated Chubu Electric Power Company, Incorporated	Bonds no.530	July 21, 2022	AA	
Chubu Electric Power Company, Incorporated	Bonds no.530	July 27, 2023	AA	
Chubu Electric Power Company, Incorporated	Bonds no.531	June 13, 2019	AA	
Chubu Electric Power Company, Incorporated	Bonds no.531	July 2, 2019	AA	
Chubu Electric Power Company, Incorporated	Bonds no.531	July 20, 2020	AA	
Chubu Electric Power Company, Incorporated	Bonds no.531	July 21, 2021	AA	
Chubu Electric Power Company, Incorporated	Bonds no.531	July 21, 2022	AA	
Chubu Electric Power Company, Incorporated	Bonds no.531	July 27, 2023	AA	
Chubu Electric Power Company, Incorporated	Bonds no.532	July 5, 2019	AA	
Chubu Electric Power Company, Incorporated	Bonds no.532	July 20, 2020	AA	
Chubu Electric Power Company, Incorporated	Bonds no.532	July 21, 2021	AA	
Chubu Electric Power Company, Incorporated	Bonds no.532	July 21, 2022	AA	
Chubu Electric Power Company, Incorporated	Bonds no.532	July 27, 2023	AA	
Chubu Electric Power Company, Incorporated	Bonds no.533	July 5, 2019	AA	
Chubu Electric Power Company, Incorporated	Bonds no.533	July 20, 2020	AA	
Chubu Electric Power Company, Incorporated	Bonds no.533	July 21, 2021	AA	
Chubu Electric Power Company, Incorporated	Bonds no.533	July 21, 2022	AA	
Chubu Electric Power Company, Incorporated	Bonds no.533	July 27, 2023	AA	
Chubu Electric Power Company, Incorporated	Bonds no.534	September 5, 2019	AA	
Chubu Electric Power Company, Incorporated	Bonds no.534	July 20, 2020	AA	
Chubu Electric Power Company, Incorporated	Bonds no.534	July 21, 2021	AA	
Chubu Electric Power Company, Incorporated	Bonds no.534	July 21, 2022	AA	
Chubu Electric Power Company, Incorporated	Bonds no.534	July 27, 2023	AA	



Issuer Name	Issue Name	Publication Date	Rating	Outlook/Direction
Chubu Electric Power Company,	Bonds no.535	November 21, 2019	AA	
Incorporated Chubu Electric Power Company, Incorporated	Bonds no.535	July 20, 2020	AA	
Chubu Electric Power Company, Incorporated	Bonds no.535	July 21, 2021	AA	
Chubu Electric Power Company, Incorporated	Bonds no.535	July 21, 2022	AA	
Chubu Electric Power Company, Incorporated	Bonds no.535	July 27, 2023	AA	
Chubu Electric Power Company, Incorporated	Bonds no.536	November 21, 2019	AA	
Chubu Electric Power Company, Incorporated	Bonds no.536	July 20, 2020	AA	
Chubu Electric Power Company, Incorporated	Bonds no.536	July 21, 2021	AA	
Chubu Electric Power Company, Incorporated	Bonds no.536	July 21, 2022	AA	
Chubu Electric Power Company, Incorporated	Bonds no.536	July 27, 2023	AA	
Chubu Electric Power Company, Incorporated	Bonds no.537	January 16, 2020	AA	
Chubu Electric Power Company, Incorporated	Bonds no.537	July 20, 2020	AA	
Chubu Electric Power Company, Incorporated	Bonds no.537	July 21, 2021	AA	
Chubu Electric Power Company, Incorporated	Bonds no.537	July 21, 2022	AA	
Chubu Electric Power Company, Incorporated	Bonds no.537	July 27, 2023	AA	
Chubu Electric Power Company, Incorporated	Bonds no.538	January 16, 2020	AA	
Chubu Electric Power Company, Incorporated	Bonds no.538	July 20, 2020	AA	
Chubu Electric Power Company, Incorporated	Bonds no.538	July 21, 2021	AA	
Chubu Electric Power Company, Incorporated	Bonds no.538	July 21, 2022	AA	
Chubu Electric Power Company, Incorporated	Bonds no.538	July 27, 2023	AA	
Chubu Electric Power Company, Incorporated	Bonds no.539	February 19, 2020	AA	
Chubu Electric Power Company, Incorporated	Bonds no.539	July 20, 2020	AA	
Chubu Electric Power Company, Incorporated	Bonds no.539	July 21, 2021	AA	
Chubu Electric Power Company, Incorporated	Bonds no.539	July 21, 2022	AA	
Chubu Electric Power Company, Incorporated	Bonds no.539	July 27, 2023	AA	
Chubu Electric Power Company, Incorporated	Bonds no.540	February 19, 2020	AA	
Chubu Electric Power Company, Incorporated	Bonds no.540	July 20, 2020	AA	
Chubu Electric Power Company, Incorporated	Bonds no.540	July 21, 2021	AA	
Chubu Electric Power Company, Incorporated	Bonds no.540	July 21, 2022	AA	
Chubu Electric Power Company, Incorporated	Bonds no.540	July 27, 2023	AA	



Issuer Name	Issue Name	Publication Date	Rating	Outlook/Direction
Chubu Electric Power Company, Incorporated	Bonds no.542	April 10, 2020	AA	
Chubu Electric Power Company, Incorporated	Bonds no.542	July 20, 2020	AA	
Chubu Electric Power Company, Incorporated	Bonds no.542	July 21, 2021	AA	
Chubu Electric Power Company, Incorporated	Bonds no.542	July 21, 2022	AA	
Chubu Electric Power Company, Incorporated	Bonds no.542	July 27, 2023	AA	
Chubu Electric Power Company, Incorporated	Bonds no.543	July 2, 2020	AA	
Chubu Electric Power Company, Incorporated	Bonds no.543	July 20, 2020	AA	
Chubu Electric Power Company, Incorporated	Bonds no.543	July 21, 2021	AA	
Chubu Electric Power Company, Incorporated	Bonds no.543	July 21, 2022	AA	
Chubu Electric Power Company, Incorporated	Bonds no.543	July 27, 2023	AA	
Chubu Electric Power Company, Incorporated	Bonds no.544	September 3, 2020	AA	
Chubu Electric Power Company, Incorporated	Bonds no.544	July 21, 2021	AA	
Chubu Electric Power Company, Incorporated	Bonds no.544	July 21, 2022	AA	
Chubu Electric Power Company, Incorporated	Bonds no.544	July 27, 2023	AA	
Chubu Electric Power Company, Incorporated	Bonds no.545	July 9, 2021	AA	
Chubu Electric Power Company, Incorporated	Bonds no.545	July 21, 2021	AA	
Chubu Electric Power Company, Incorporated	Bonds no.545	July 21, 2022	AA	
Chubu Electric Power Company, Incorporated	Bonds no.545	July 27, 2023	AA	
Chubu Electric Power Company, Incorporated	Bonds no.546	September 1, 2021	AA	
Chubu Electric Power Company, Incorporated	Bonds no.546	July 21, 2022	AA	
Chubu Electric Power Company, Incorporated	Bonds no.546	July 27, 2023	AA	
Chubu Electric Power Company, Incorporated	Bonds no.547	September 1, 2021	AA	
Chubu Electric Power Company, Incorporated	Bonds no.547	July 21, 2022	AA	
Chubu Electric Power Company, Incorporated	Bonds no.547	July 27, 2023	AA	
Chubu Electric Power Company, Incorporated	Bonds no.548	October 7, 2021	AA	
Chubu Electric Power Company, Incorporated	Bonds no.548	July 21, 2022	AA	
Chubu Electric Power Company, Incorporated	Bonds no.548	July 27, 2023	AA	
Chubu Electric Power Company, Incorporated	Bonds no.549	October 7, 2021	AA	
Chubu Electric Power Company, Incorporated	Bonds no.549	July 21, 2022	AA	
Chubu Electric Power Company, Incorporated	Bonds no.549	July 27, 2023	AA	



Issuer Name	Issue Name	Publication Date	Rating	Outlook/Direction
Chubu Electric Power Company,	Bonds no.550	November 12, 2021	AA	
Incorporated Chubu Electric Power Company, Incorporated	Bonds no.550	July 21, 2022	AA	
Chubu Electric Power Company, Incorporated	Bonds no.550	July 27, 2023	AA	
Chubu Electric Power Company, Incorporated	Bonds no.551	December 2, 2021	AA	
Chubu Electric Power Company, Incorporated	Bonds no.551	July 21, 2022	AA	
Chubu Electric Power Company, Incorporated	Bonds no.551	July 27, 2023	AA	
Chubu Electric Power Company, Incorporated	Bonds no.552	December 2, 2021	AA	
Chubu Electric Power Company, Incorporated	Bonds no.552	July 21, 2022	AA	
Chubu Electric Power Company, Incorporated	Bonds no.552	July 27, 2023	AA	
Chubu Electric Power Company, Incorporated	Bonds no.553	February 18, 2022	AA	
Chubu Electric Power Company, Incorporated	Bonds no.553	July 21, 2022	AA	
Chubu Electric Power Company, Incorporated	Bonds no.553	July 27, 2023	AA	
Chubu Electric Power Company, Incorporated	Bonds no.554	February 18, 2022	AA	
Chubu Electric Power Company, Incorporated	Bonds no.554	July 21, 2022	AA	
Chubu Electric Power Company, Incorporated	Bonds no.554	July 27, 2023	AA	
Chubu Electric Power Company, Incorporated	Bonds no.555	April 8, 2022	AA	
Chubu Electric Power Company, Incorporated	Bonds no.555	July 21, 2022	AA	
Chubu Electric Power Company, Incorporated	Bonds no.555	July 27, 2023	AA	
Chubu Electric Power Company, Incorporated	Bonds no.556	April 8, 2022	AA	
Chubu Electric Power Company, Incorporated	Bonds no.556	July 21, 2022	AA	
Chubu Electric Power Company, Incorporated	Bonds no.556	July 27, 2023	AA	
Chubu Electric Power Company, Incorporated	Bonds no.557	May 20, 2022	AA	
Chubu Electric Power Company, Incorporated	Bonds no.557	July 21, 2022	AA	
Chubu Electric Power Company, Incorporated	Bonds no.557	July 27, 2023	AA	
Chubu Electric Power Company, Incorporated	Bonds no.558	May 20, 2022	AA	
Chubu Electric Power Company, Incorporated	Bonds no.558	July 21, 2022	AA	
Chubu Electric Power Company, Incorporated	Bonds no.558	July 27, 2023	AA	
Chubu Electric Power Company, Incorporated	Bonds no.559	June 3, 2022	AA	
Chubu Electric Power Company, Incorporated	Bonds no.559	July 21, 2022	AA	
Chubu Electric Power Company, Incorporated	Bonds no.559	July 27, 2023	AA	



Issuer Name	Issue Name	Publication Date	Rating	Outlook/Direction
Chubu Electric Power Company,	Bonds no.560	July 8, 2022	AA	
Incorporated	Bonds no.360	July 6, 2022	AA	
Chubu Electric Power Company,	Bonds no. 560	July 21, 2022	AA	
Incorporated	Bolius 110.500	July 21, 2022		
Chubu Electric Power Company,	Bonds no.560	July 27, 2023	AA	
Incorporated	Bonds no.500	July 27, 2023		
Chubu Electric Power Company,	Bonds no.561	September 1, 2022	AA	
Incorporated	Bonds no.501	Septemoer 1, 2022	7 17 1	
Chubu Electric Power Company,	Bonds no.561	July 27, 2023	AA	
Incorporated	Bonds no.501	July 27, 2023		
Chubu Electric Power Company,	Bonds no.562	October 13, 2022	AA	
Incorporated	Bonds 110.302	October 13, 2022		
Chubu Electric Power Company,	Bonds no.562	July 27, 2023	AA	
Incorporated	Bonds 110.302			
Chubu Electric Power Company,	Bonds no.563	August 24, 2023	AA	
Incorporated	Bonds no.505			
Chubu Electric Power Company,	Bonds no.564	August 24, 2023	AA	
Incorporated	Bonds no.501	11ugust 2 1, 2023		
Chubu Electric Power Company,	Bonds no.565	October 5, 2023	AA	
Incorporated	Bonds no.505	October 5, 2025		
Chubu Electric Power Company,	Bonds no.566	April 4, 2024	AA	
Incorporated		71pm 4, 2024		
Chubu Electric Power Company,	Bonds no.567	April 4, 2024	AA	
Incorporated		71pm 1, 2021		
Chubu Electric Power Company,	Bonds no.568	May 16, 2024	AA	
Incorporated		1viay 10, 2024		
Chubu Electric Power Company,	Bonds no.569	May 16, 2024	AA	
Incorporated				



Issuer Name	Issue Name	Publication Date	Rating	Outlook/Direction
Kyushu Electric Power Company, Incorporated	Issuer(Long-term)	April 17, 2006	AAA	Negative
Kyushu Electric Power Company, Incorporated	Issuer(Long-term)	August 29, 2006	AAA	Stable
Kyushu Electric Power Company, Incorporated	Issuer(Long-term)	April 17, 2007	AAA	Stable
Kyushu Electric Power Company, Incorporated	Issuer(Long-term)	April 24, 2008	AAA	Stable
Kyushu Electric Power Company, Incorporated	Issuer(Long-term)	April 27, 2009	AAA	Stable
Kyushu Electric Power Company, Incorporated	Issuer(Long-term)	April 27, 2010	AAA	Stable
Kyushu Electric Power Company, Incorporated	Issuer(Long-term)	June 6, 2011	AAA	Negative
Kyushu Electric Power Company, Incorporated	Issuer(Long-term)	September 22, 2011	AA+	Negative
Kyushu Electric Power Company, Incorporated	Issuer(Long-term)	June 19, 2012	AA	Negative
Kyushu Electric Power Company, Incorporated	Issuer(Long-term)	July 25, 2013	AA-	Negative
Kyushu Electric Power Company, Incorporated	Issuer(Long-term)	August 28, 2014	AA-	Negative
Kyushu Electric Power Company, Incorporated	Issuer(Long-term)	August 25, 2015	AA-	Negative
Kyushu Electric Power Company, Incorporated	Issuer(Long-term)	June 29, 2016	AA-	Negative
Kyushu Electric Power Company, Incorporated	Issuer(Long-term)	July 3, 2017	AA-	Stable
Kyushu Electric Power Company, Incorporated	Issuer(Long-term)	June 22, 2018	AA-	Stable
Kyushu Electric Power Company, Incorporated	Issuer(Long-term)	July 2, 2019	AA-	Stable
Kyushu Electric Power Company, Incorporated	Issuer(Long-term)	July 20, 2020	AA-	Stable
Kyushu Electric Power Company, Incorporated	Issuer(Long-term)	July 21, 2021	AA-	Stable
Kyushu Electric Power Company, Incorporated	Issuer(Long-term)	July 21, 2022	AA-	Stable
Kyushu Electric Power Company, Incorporated	Issuer(Long-term)	July 27, 2023	AA-	Stable
Kyushu Electric Power Company, Incorporated	СР	March 28, 1995	J-1	
Kyushu Electric Power Company, Incorporated	СР	April 17, 1996	J-1+	
Kyushu Electric Power Company, Incorporated	СР	December 3, 1998	J-1+	
Kyushu Electric Power Company, Incorporated	СР	March 14, 2000	J-1+	
Kyushu Electric Power Company, Incorporated	СР	April 18, 2000	J-1+	
Kyushu Electric Power Company, Incorporated	СР	March 15, 2001	J-1+	
Kyushu Electric Power Company, Incorporated	СР	March 8, 2002	J-1+	
Kyushu Electric Power Company, Incorporated	СР	April 1, 2003	J-1+	
Kyushu Electric Power Company, Incorporated	СР	May 22, 2003	J-1+	
Kyushu Electric Power Company, Incorporated	СР	April 15, 2004	J-1+	



Issuer Name	Issue Name	Publication Date	Rating	Outlook/Direction
Kyushu Electric Power Company,	СР	July 22, 2004	J-1+	
Incorporated Kyushu Electric Power Company,		y ==, = v ·		
Incorporated	CP	April 15, 2005	J-1+	
Kyushu Electric Power Company,	СР	April 17, 2006	J-1+	
Incorporated	CI	April 17, 2000	J-1 1	
Kyushu Electric Power Company, Incorporated	CP	April 17, 2007	J-1+	
Kyushu Electric Power Company,	GP.		T. 1.	
Incorporated	СР	April 24, 2008	J-1+	
Kyushu Electric Power Company,	СР	April 27, 2009	J-1+	
Incorporated Kyushu Electric Power Company,		-		
Incorporated	СР	April 27, 2010	J-1+	
Kyushu Electric Power Company,	СР	June 6, 2011	J-1+	
Incorporated		June 0, 2011	J 1 '	
Kyushu Electric Power Company, Incorporated	CP	September 22, 2011	J-1+	
Kyushu Electric Power Company,	GP.	1 10 2012	T 1 .	
Incorporated	СР	June 19, 2012	J-1+	
Kyushu Electric Power Company,	СР	July 25, 2013	J-1+	
Incorporated Kyushu Electric Power Company,				
Incorporated	CP	August 28, 2014	J-1+	
Kyushu Electric Power Company,	СР	August 25, 2015	J-1+	
Incorporated		11ugust 23, 2013	<b>J</b> 1 ·	
Kyushu Electric Power Company, Incorporated	CP	June 29, 2016	J-1+	
Kyushu Electric Power Company,	CD	1 1 2 2017	т 1 .	
Incorporated	СР	July 3, 2017	J-1+	
Kyushu Electric Power Company,	СР	June 22, 2018	J-1+	
Incorporated Kyushu Electric Power Company,				
Incorporated	CP	July 2, 2019	J-1+	
Kyushu Electric Power Company,	СР	July 20, 2020	J-1+	
Incorporated Kyushu Electric Power Company,				
Incorporated	CP	July 21, 2021	J-1+	
Kyushu Electric Power Company,	СР	July 21, 2022	J-1+	
Incorporated	CI	July 21, 2022	J-1	
Kyushu Electric Power Company, Incorporated	CP	November 1, 2022	J-1+	
Kyushu Electric Power Company,	GP.	1 1 27 2022	T 1.	
Incorporated	СР	July 27, 2023	J-1+	
Kyushu Electric Power Company,	Shelf Registration	April 26, 2024	AA-	
Incorporated Kyushu Electric Power Company,		-		
Incorporated	Bonds no.413	August 4, 2010	AAA	
Kyushu Electric Power Company,	Bonds no.413	June 6, 2011	AAA	
Incorporated Kyushu Electric Power Company,	25140 10.113	June 0, 2011		
Incorporated	Bonds no.413	September 22, 2011	AA+	
Kyushu Electric Power Company,	Danda na 412	I 10 2012	A A	
Incorporated	Bonds no.413	June 19, 2012	AA	
Kyushu Electric Power Company,	Bonds no.413	July 25, 2013	AA-	
Incorporated Kyushu Electric Power Company,	5 1 115			
Incorporated	Bonds no.413	August 28, 2014	AA-	
Kyushu Electric Power Company,	Bonds no.413	August 25, 2015	AA-	
Incorporated		5		



Issuer Name	Issue Name	Publication Date	Rating	Outlook/Direction
Kyushu Electric Power Company,	Bonds no.413	June 29, 2016	AA-	
Incorporated Kyushu Electric Power Company,				
Incorporated	Bonds no.413	July 3, 2017	AA-	
Kyushu Electric Power Company,	Bonds no.413	June 22, 2018	AA-	
Incorporated Kyushu Electric Power Company,		5 tarre 22, 2010		
Incorporated	Bonds no.413	July 2, 2019	AA-	
Kyushu Electric Power Company,	Bonds no.413	July 20, 2020	AA-	
Incorporated Kyushu Electric Power Company,	Donas no. 113	341y 20, 2020	7171	
Incorporated	Bonds no.413	July 21, 2021	AA-	
Kyushu Electric Power Company,	Bonds no.413	July 21, 2022	AA-	
Incorporated Kyushu Electric Power Company,	Donus no.413	July 21, 2022	AA-	
Incorporated	Bonds no.413	July 27, 2023	AA-	
Kyushu Electric Power Company,	Bonds no.429	September 5, 2014	AA-	
Incorporated Company C	Donus no.42)	September 3, 2014	ΛΛ-	
Kyushu Electric Power Company, Incorporated	Bonds no.429	August 25, 2015	AA-	
Kyushu Electric Power Company,	Bonds no.429	June 29, 2016	Λ Λ	
Incorporated C	Bolius IIO.429	June 29, 2010	AA-	
Kyushu Electric Power Company, Incorporated	Bonds no.429	July 3, 2017	AA-	
Kyushu Electric Power Company,	Bonds no.429	I 22 2010	Α Α	
Incorporated	Bonds no.429	June 22, 2018	AA-	
Kyushu Electric Power Company, Incorporated	Bonds no.429	July 2, 2019	AA-	
Kyushu Electric Power Company,	D 1 420	1.1.20.2020		
Incorporated	Bonds no.429	July 20, 2020	AA-	
Kyushu Electric Power Company,	Bonds no.429	July 21, 2021	AA-	
Incorporated Kyushu Electric Power Company,	5 1 420	I 1 21 2022		
Incorporated	Bonds no.429	July 21, 2022	AA-	
Kyushu Electric Power Company,	Bonds no.429	July 27, 2023	AA-	
Incorporated Kyushu Electric Power Company,				
Incorporated	Bonds no.431	December 4, 2014	AA-	
Kyushu Electric Power Company,	Bonds no.431	August 25, 2015	AA-	
Incorporated Kyushu Electric Power Company,	D 1 421	T 20 2011		
Incorporated	Bonds no.431	June 29, 2016	AA-	
Kyushu Electric Power Company,	Bonds no.431	July 3, 2017	AA-	
Incorporated Kyushu Electric Power Company,	D 1 421	1 22 2010		
Incorporated	Bonds no.431	June 22, 2018	AA-	
Kyushu Electric Power Company,	Bonds no.431	July 2, 2019	AA-	
Incorporated Kyushu Electric Power Company,	D 1 421	T 1 20 2020		
Incorporated	Bonds no.431	July 20, 2020	AA-	
Kyushu Electric Power Company,	Bonds no.431	July 21, 2021	AA-	
Incorporated Kyushu Electric Power Company,	D 1 404			
Incorporated	Bonds no.431	July 21, 2022	AA-	
Kyushu Electric Power Company,	Bonds no.431	July 27, 2023	AA-	
Incorporated Kyushu Electric Power Company,	D 1 404			
Incorporated	Bonds no.434	November 20, 2015	AA-	
Kyushu Electric Power Company,	Bonds no.434	June 29, 2016	AA-	
Incorporated		, , , , , , , ,	-	



Incorporated  Kyushu Electric Power Company, Incorporated  Kyushu Electric Power Company  Kyushu Electric Power Company	A- A-
Kyushu Electric Power Company, Incorporated  Kyushu Electric Power Company  Kyushu Electric Power Company	A-
Incorporated  Kyushu Electric Power Company	A-
Kyushu Flectric Power Company	
Bonds no.434 July 2, 2019 A.	A-
Incorporated	Α-
Kyushu Electric Power Company, Bonds no.434 July 20, 2020 A	A-
Incorporated  Kyushu Electric Power Company, P. J. 424	
Incorporated Bonds no.434 July 21, 2021 A	A-
Kyushu Electric Power Company, Bonds no.434 July 21, 2022 A	A-
Incorporated  Kyushu Electric Power Company, P. J. 424	
Incorporated Bonds no.434 July 27, 2023 A.	A-
Kyushu Electric Power Company	A-
Incorporated	A-
Kyushu Electric Power Company, Incorporated Bonds no.437 June 29, 2016 A.	A-
Kyushu Flectric Power Company	
Incorporated Bonds no.43 / July 3, 2017 A	A-
Kyushu Electric Power Company, Bonds no.437 June 22, 2018 A	A-
Incorporated  Kyushu Electric Power Company,  Results 127  Luc 2 2010  Augustus 127  Luc 2 2010	
Incorporated Bonds no.437 July 2, 2019 A.	A-
Kyushu Electric Power Company	A-
Incorporated	Α-
Kyushu Electric Power Company,  Bonds no.437  July 21, 2021  A	A-
Incorporated  Kyushu Electric Power Company, P. 1 427	
Incorporated Bonds no.437 July 21, 2022 A.	A-
Kyushu Electric Power Company, Bonds no.437 July 27, 2023 A	A-
Incorporated  Kyushu Electric Power Company,  Results 120	
Incorporated Bonds no.439 April 13, 2016 A	A-
Kyushu Electric Power Company.	Λ.
Incorporated	A-
Kyushu Electric Power Company, Bonds no.439  July 3, 2017  A	A-
Incorporated  Kyushu Electric Power Company, P. J. 420	
Incorporated Bonds no.439 June 22, 2018 A	A-
Kyushu Electric Power Company, Bonds no.439 July 2, 2019 A	A-
Incorporated  Kyushu Electric Power Company, P. J. 420	
Incorporated Bonds no.439 July 20, 2020 A.	A-
Kyushu Electric Power Company.	A-
Incorporated	Α-
Kyushu Electric Power Company, Bonds no.439  July 21, 2022  A	A-
Incorporated  Kyushu Electric Power Company, P. J. 420	
Incorporated Bonds no.439 July 27, 2023 A	A-
Kyushu Electric Power Company, Bonds no.441 June 15, 2016 A	A-
Incorporated  Kyushu Electric Power Company	
Incorporated Bonds no.441 June 29, 2016 A.	A-
Kyushu Electric Power Company	A-
Incorporated	4.1
Kyushu Electric Power Company, Incorporated June 22, 2018 A	A-
Kyushu Flectric Power Company	
Incorporated Bonds no.441 July 2, 2019 A.	A-



Issuer Name	Issue Name	Publication Date	Rating	Outlook/Direction
Kyushu Electric Power Company,	Bonds no.441	July 20, 2020	AA-	
Incorporated Kyushu Electric Power Company,	Donas north	tary 20, 2020		
Incorporated	Bonds no.441	July 21, 2021	AA-	
Kyushu Electric Power Company, Incorporated	Bonds no.441	July 21, 2022	AA-	
Kyushu Electric Power Company,	Bonds no.441	July 27, 2023	AA-	
Incorporated Kyushu Electric Power Company,				
Incorporated	Bonds no.442	June 15, 2016	AA-	
Kyushu Electric Power Company, Incorporated	Bonds no.442	June 29, 2016	AA-	
Kyushu Electric Power Company, Incorporated	Bonds no.442	July 3, 2017	AA-	
Kyushu Electric Power Company, Incorporated	Bonds no.442	June 22, 2018	AA-	
Kyushu Electric Power Company, Incorporated	Bonds no.442	July 2, 2019	AA-	
Kyushu Electric Power Company, Incorporated	Bonds no.442	July 20, 2020	AA-	
Kyushu Electric Power Company, Incorporated	Bonds no.442	July 21, 2021	AA-	
Kyushu Electric Power Company, Incorporated	Bonds no.442	July 21, 2022	AA-	
Kyushu Electric Power Company, Incorporated	Bonds no.442	July 27, 2023	AA-	
Kyushu Electric Power Company, Incorporated	Bonds no.444	October 19, 2016	AA-	
Kyushu Electric Power Company,	Bonds no.444	July 3, 2017	AA-	
Incorporated Kyushu Electric Power Company,	Bonds no.444	June 22, 2018	AA-	
Incorporated Kyushu Electric Power Company, Incorporated	Bonds no.444	July 2, 2019	AA-	
Kyushu Electric Power Company,	Bonds no.444	July 20, 2020	AA-	
Incorporated Kyushu Electric Power Company,	Bonds no.444	July 21, 2021	AA-	
Incorporated Kyushu Electric Power Company,	Bonds no.444	July 21, 2022	AA-	
Incorporated Kyushu Electric Power Company,	Bonds no.444	July 27, 2023	AA-	
Incorporated Kyushu Electric Power Company,	Bonds no.445	December 8, 2016	AA-	
Incorporated Kyushu Electric Power Company,				
Incorporated Kyushu Electric Power Company,	Bonds no.445	July 3, 2017	AA-	
Incorporated	Bonds no.445	June 22, 2018	AA-	
Kyushu Electric Power Company, Incorporated	Bonds no.445	July 2, 2019	AA-	
Kyushu Electric Power Company, Incorporated	Bonds no.445	July 20, 2020	AA-	
Kyushu Electric Power Company, Incorporated	Bonds no.445	July 21, 2021	AA-	
Kyushu Electric Power Company, Incorporated	Bonds no.445	July 21, 2022	AA-	
Kyushu Electric Power Company, Incorporated	Bonds no.445	July 27, 2023	AA-	
Kyushu Electric Power Company, Incorporated	Bonds no.446	December 8, 2016	AA-	
monporated	I			



Issuer Name	Issue Name	Publication Date	Rating	Outlook/Direction
Kyushu Electric Power Company,	Bonds no.446	July 3, 2017	AA-	
Incorporated Kyushu Electric Power Company,				
Incorporated	Bonds no.446	June 22, 2018	AA-	
Kyushu Electric Power Company,	Bonds no.446	July 2, 2019	AA-	
Incorporated Kyushu Electric Power Company,	D 1 446	1.1.20.2020		
Incorporated	Bonds no.446	July 20, 2020	AA-	
Kyushu Electric Power Company, Incorporated	Bonds no.446	July 21, 2021	AA-	
Kyushu Electric Power Company,	D 1 446	L-1 21 2022	A A	
Incorporated	Bonds no.446	July 21, 2022	AA-	
Kyushu Electric Power Company, Incorporated	Bonds no.446	July 27, 2023	AA-	
Kyushu Electric Power Company,	D1	I 10 2017	Α Α	
Incorporated	Bonds no.448	January 18, 2017	AA-	
Kyushu Electric Power Company, Incorporated	Bonds no.448	July 3, 2017	AA-	
Kyushu Electric Power Company,	Danda na 449	Ive 22 2019	Λ Λ	
Incorporated	Bonds no.448	June 22, 2018	AA-	
Kyushu Electric Power Company, Incorporated	Bonds no.448	July 2, 2019	AA-	
Kyushu Electric Power Company,	Bonds no.448	Inly 20, 2020	AA-	
Incorporated	Donus no.446	July 20, 2020	AA-	
Kyushu Electric Power Company, Incorporated	Bonds no.448	July 21, 2021	AA-	
Kyushu Electric Power Company,	Bonds no.448	July 21, 2022	AA-	
Incorporated	Bolius IIO.446	July 21, 2022	AA-	
Kyushu Electric Power Company, Incorporated	Bonds no.448	July 27, 2023	AA-	
Kyushu Electric Power Company,	Bonds no.449	April 20, 2017	AA-	
Incorporated Kyushu Electric Power Company,	Donas no. 117	71011 20, 2017	7171	
Incorporated	Bonds no.449	July 3, 2017	AA-	
Kyushu Electric Power Company,	Bonds no.449	June 22, 2018	AA-	
Incorporated Kyushu Electric Power Company,		June 22, 2010	7171	
Incorporated	Bonds no.449	July 2, 2019	AA-	
Kyushu Electric Power Company,	Bonds no.449	July 20, 2020	AA-	
Incorporated Kyushu Electric Power Company,				
Incorporated	Bonds no.449	July 21, 2021	AA-	
Kyushu Electric Power Company,	Bonds no.449	July 21, 2022	AA-	
Incorporated Kyushu Electric Power Company,				
Incorporated	Bonds no.449	July 27, 2023	AA-	
Kyushu Electric Power Company,	Bonds no.451	May 25, 2017	AA-	
Incorporated Kyushu Electric Power Company,				
Incorporated	Bonds no.451	July 3, 2017	AA-	
Kyushu Electric Power Company,	Bonds no.451	June 22, 2018	AA-	
Incorporated Kyushu Electric Power Company,				
Incorporated	Bonds no.451	July 2, 2019	AA-	
Kyushu Electric Power Company, Incorporated	Bonds no.451	July 20, 2020	AA-	
Kyushu Electric Power Company,	Dan da a 451	L-1 21 2021	A A	
Incorporated	Bonds no.451	July 21, 2021	AA-	
Kyushu Electric Power Company, Incorporated	Bonds no.451	July 21, 2022	AA-	
meorporated	1			



Issuer Name	Issue Name	Publication Date	Rating	Outlook/Direction
Kyushu Electric Power Company,	Bonds no.451	July 27, 2023	AA-	
Incorporated Kyushu Electric Power Company,				
Incorporated	Bonds no.453	August 25, 2017	AA-	
Kyushu Electric Power Company,	Bonds no.453	June 22, 2018	AA-	
Incorporated	Bolids 110.433	June 22, 2016	AA-	
Kyushu Electric Power Company, Incorporated	Bonds no.453	July 2, 2019	AA-	
Kyushu Electric Power Company,	D 1 150			
Incorporated	Bonds no.453	July 20, 2020	AA-	
Kyushu Electric Power Company,	Bonds no.453	July 21, 2021	AA-	
Incorporated Kyushu Electric Power Company,		<b>3</b> , ·		
Incorporated	Bonds no.453	July 21, 2022	AA-	
Kyushu Electric Power Company,	Bonds no.453	July 27, 2023	AA-	
Incorporated	Bolids 110.433	July 27, 2023	AA-	
Kyushu Electric Power Company, Incorporated	Bonds no.455	November 16, 2017	AA-	
Kyushu Electric Power Company,				
Incorporated	Bonds no.455	June 22, 2018	AA-	
Kyushu Electric Power Company,	Bonds no.455	July 2, 2019	AA-	
Incorporated Kyushu Electric Power Company,				
Incorporated	Bonds no.455	July 20, 2020	AA-	
Kyushu Electric Power Company,	Bonds no.455	July 21, 2021	AA-	
Incorporated	Bolids 110.433	July 21, 2021	AA-	
Kyushu Electric Power Company,	Bonds no.455	July 21, 2022	AA-	
Incorporated Kyushu Electric Power Company,				
Incorporated	Bonds no.455	July 27, 2023	AA-	
Kyushu Electric Power Company,	Bonds no.456	November 16, 2017	AA-	
Incorporated Kyushu Electric Power Company,				
Incorporated	Bonds no.456	June 22, 2018	AA-	
Kyushu Electric Power Company,	Bonds no.456	July 2, 2010	AA-	
Incorporated	Bolids 110.430	July 2, 2019	AA-	
Kyushu Electric Power Company, Incorporated	Bonds no.456	July 20, 2020	AA-	
Kyushu Electric Power Company,	D 1 456	T. 1. 01. 0001		
Incorporated	Bonds no.456	July 21, 2021	AA-	
Kyushu Electric Power Company,	Bonds no.456	July 21, 2022	AA-	
Incorporated  Kyushu Electric Power Company,			-	
Incorporated	Bonds no.456	July 27, 2023	AA-	
Kyushu Electric Power Company,	Bonds no.459	January 18, 2018	AA-	
Incorporated  Versely Floatric Power Commons	Donus no. T./	Juliuary 10, 2010	17/17	
Kyushu Electric Power Company, Incorporated	Bonds no.459	June 22, 2018	AA-	
Kyushu Electric Power Company,	D 1 450	L-1-2 2010	A A	
Incorporated	Bonds no.459	July 2, 2019	AA-	
Kyushu Electric Power Company,	Bonds no.459	July 20, 2020	AA-	
Incorporated Kyushu Electric Power Company,				
Incorporated	Bonds no.459	July 21, 2021	AA-	
Kyushu Electric Power Company,	Bonds no.459	July 21, 2022	AA-	
Incorporated Kyushu Electric Power Company,		201, 21, 2022		
Incorporated	Bonds no.459	July 27, 2023	AA-	
Kyushu Electric Power Company,	Bonds no.461	Fahman 22 2019	Α Λ	
Incorporated	Dollus IIO.401	February 23, 2018	AA-	



Issuer Name	Issue Name	Publication Date	Rating	Outlook/Direction
Kyushu Electric Power Company,	Bonds no.461	June 22, 2018	AA-	
Incorporated Kyushu Electric Power Company,				
Incorporated	Bonds no.461	July 2, 2019	AA-	
Kyushu Electric Power Company,	Bonds no.461	July 20, 2020	AA-	
Incorporated Kyushu Electric Power Company,				
Incorporated	Bonds no.461	July 21, 2021	AA-	
Kyushu Electric Power Company,	Bonds no.461	July 21, 2022	AA-	
Incorporated Kyushu Electric Power Company,	2 61146 1161 101	•		
Incorporated	Bonds no.461	July 27, 2023	AA-	
Kyushu Electric Power Company,	Bonds no.462	May 18, 2018	AA-	
Incorporated C	Bolius IIo.402	Way 16, 2016	AA-	
Kyushu Electric Power Company, Incorporated	Bonds no.462	June 22, 2018	AA-	
Kyushu Electric Power Company,	D1	I1 2 2010	Α Α	
Incorporated	Bonds no.462	July 2, 2019	AA-	
Kyushu Electric Power Company,	Bonds no.462	July 20, 2020	AA-	
Incorporated Kyushu Electric Power Company,				
Incorporated	Bonds no.462	July 21, 2021	AA-	
Kyushu Electric Power Company,	Bonds no.462	July 21, 2022	AA-	
Incorporated Kyushu Electric Power Company,				
Incorporated	Bonds no.462	July 27, 2023	AA-	
Kyushu Electric Power Company,	Bonds no.463	May 18, 2018	AA-	
Incorporated Kyushu Electric Power Company,	Donas no. 403	1VIay 10, 2010	7171	
Incorporated	Bonds no.463	June 22, 2018	AA-	
Kyushu Electric Power Company,	Bonds no.463	July 2, 2019	AA-	
Incorporated C	Donus no. 403	July 2, 2019	ΛΛ-	
Kyushu Electric Power Company, Incorporated	Bonds no.463	July 20, 2020	AA-	
Kyushu Electric Power Company,	D 1 462	1 1 21 2021		
Incorporated	Bonds no.463	July 21, 2021	AA-	
Kyushu Electric Power Company,	Bonds no.463	July 21, 2022	AA-	
Incorporated Kyushu Electric Power Company,	- 1 160			
Incorporated	Bonds no.463	July 27, 2023	AA-	
Kyushu Electric Power Company,	Bonds no.465	July 6, 2018	AA-	
Incorporated Kyushu Electric Power Company,				
Incorporated	Bonds no.465	July 2, 2019	AA-	
Kyushu Electric Power Company,	Bonds no.465	July 20, 2020	AA-	
Incorporated Kyushu Electric Power Company,		0 0015 20, 2020		
Incorporated	Bonds no.465	July 21, 2021	AA-	
Kyushu Electric Power Company,	Bonds no.465	July 21, 2022	AA-	
Incorporated	Donus no.403	July 21, 2022	AA-	
Kyushu Electric Power Company, Incorporated	Bonds no.465	July 27, 2023	AA-	
Kyushu Electric Power Company,	Bonds no.466	I	A A	
Incorporated	DOMAS 110.400	July 6, 2018	AA-	
Kyushu Electric Power Company,	Bonds no.466	July 2, 2019	AA-	
Incorporated Kyushu Electric Power Company,	D 1 466	7 1 20 205		
Incorporated	Bonds no.466	July 20, 2020	AA-	
Kyushu Electric Power Company,	Bonds no.466	July 21, 2021	AA-	
Incorporated	-	J,	-	



Issuer Name	Issue Name	Publication Date	Rating	Outlook/Direction
Kyushu Electric Power Company,	Bonds no.466	July 21, 2022	AA-	
Incorporated Kyushu Electric Power Company,				
Incorporated	Bonds no.466	July 27, 2023	AA-	
Kyushu Electric Power Company,	Bonds no.468	August 24, 2018	AA-	
Incorporated Kyushu Electric Power Company,	Delias no. 100	71agust 21, 2010	7171	
Incorporated	Bonds no.468	July 2, 2019	AA-	
Kyushu Electric Power Company,	Bonds no.468	July 20, 2020	Λ Λ	
Incorporated	Bonds no.408	July 20, 2020	AA-	
Kyushu Electric Power Company, Incorporated	Bonds no.468	July 21, 2021	AA-	
Kyushu Electric Power Company,				
Incorporated	Bonds no.468	July 21, 2022	AA-	
Kyushu Electric Power Company,	Bonds no.468	July 27, 2023	AA-	
Incorporated Kyushu Electric Power Company,		- may = 1, y = 0 = 0		
Incorporated	Bonds no.469	October 17, 2018	AA-	
Kyushu Electric Power Company,	Bonds no.469	July 2, 2019	AA-	
Incorporated	Bolius IIo.409	July 2, 2019	AA-	
Kyushu Electric Power Company,	Bonds no.469	July 20, 2020	AA-	
Incorporated Kyushu Electric Power Company,				
Incorporated	Bonds no.469	July 21, 2021	AA-	
Kyushu Electric Power Company,	Bonds no.469	July 21, 2022	AA-	
Incorporated Kyushu Electric Power Company,		y = -, =		
Incorporated	Bonds no.469	July 27, 2023	AA-	
Kyushu Electric Power Company,	Bonds no.470	October 17, 2018	AA-	
Incorporated	Bolius 110.470	October 17, 2016	AA-	
Kyushu Electric Power Company, Incorporated	Bonds no.470	July 2, 2019	AA-	
Kyushu Electric Power Company,	- · · · · ·	7 1 20 2020		
Incorporated	Bonds no.470	July 20, 2020	AA-	
Kyushu Electric Power Company,	Bonds no.470	July 21, 2021	AA-	
Incorporated Kyushu Electric Power Company,		, ,		
Incorporated	Bonds no.470	July 21, 2022	AA-	
Kyushu Electric Power Company,	Bonds no.470	July 27, 2023	AA-	
Incorporated	Donas no. 470	July 27, 2025	7171	
Kyushu Electric Power Company, Incorporated	Bonds no.471	November 15, 2018	AA-	
Kyushu Electric Power Company,	D 1 471	I-1-2 2010	A A	
Incorporated	Bonds no.471	July 2, 2019	AA-	
Kyushu Electric Power Company,	Bonds no.471	July 20, 2020	AA-	
Incorporated Kyushu Electric Power Company,				
Incorporated	Bonds no.471	July 21, 2021	AA-	
Kyushu Electric Power Company,	Bonds no.471	July 21, 2022	AA-	
Incorporated Kyushu Electric Power Company,	Denies net 1, 1	0017 21, 2022		
Incorporated	Bonds no.471	July 27, 2023	AA-	
Kyushu Electric Power Company,	Bonds no.472	November 15, 2018	Λ Λ	
Incorporated	DUHUS HU.4/2	140Veilluer 13, 2018	AA-	
Kyushu Electric Power Company, Incorporated	Bonds no.472	July 2, 2019	AA-	
Kyushu Electric Power Company,	D 1 450			
Incorporated	Bonds no.472	July 20, 2020	AA-	
Kyushu Electric Power Company,	Bonds no.472	July 21, 2021	AA-	
Incorporated		J,		



Issuer Name	Issue Name	Publication Date	Rating	Outlook/Direction
Kyushu Electric Power Company,	Bonds no.472	July 21, 2022	AA-	
Incorporated Kyushu Electric Power Company,				
Incorporated	Bonds no.472	July 27, 2023	AA-	
Kyushu Electric Power Company,	Bonds no.475	March 8, 2019	AA-	
Incorporated Kyushu Electric Power Company,		7.1.0.0010		
Incorporated	Bonds no.475	July 2, 2019	AA-	
Kyushu Electric Power Company,	Bonds no.475	July 20, 2020	AA-	
Incorporated Kyushu Electric Power Company,				
Incorporated	Bonds no.475	July 21, 2021	AA-	
Kyushu Electric Power Company,	Bonds no.475	July 21, 2022	AA-	
Incorporated Kyushu Electric Power Company,				
Incorporated	Bonds no.475	July 27, 2023	AA-	
Kyushu Electric Power Company,	Bonds no.476	May 17, 2019	AA-	
Incorporated Kyushu Electric Power Company,				
Incorporated	Bonds no.476	July 2, 2019	AA-	
Kyushu Electric Power Company,	Bonds no.476	July 20, 2020	AA-	
Incorporated Kyushu Electric Power Company,	Delias no. 170	3417 20, 2020	7171	
Incorporated	Bonds no.476	July 21, 2021	AA-	
Kyushu Electric Power Company,	Bonds no.476	July 21, 2022	AA-	
Incorporated	Bonds no.470	July 21, 2022	AA-	
Kyushu Electric Power Company, Incorporated	Bonds no.476	July 27, 2023	AA-	
Kyushu Electric Power Company,	Bonds no.477	May 17, 2010	AA-	
Incorporated	Bolids 110.477	May 17, 2019	AA-	
Kyushu Electric Power Company, Incorporated	Bonds no.477	July 2, 2019	AA-	
Kyushu Electric Power Company,	Bonds no.477	I1 20, 2020	Α Α	
Incorporated	Bonds no.4//	July 20, 2020	AA-	
Kyushu Electric Power Company, Incorporated	Bonds no.477	July 21, 2021	AA-	
Kyushu Electric Power Company,	D 1 477	1 1 21 2022		
Incorporated	Bonds no.477	July 21, 2022	AA-	
Kyushu Electric Power Company, Incorporated	Bonds no.477	July 27, 2023	AA-	
Kyushu Electric Power Company,	D J 470	L 7 2010	A A	
Incorporated	Bonds no.478	June 7, 2019	AA-	
Kyushu Electric Power Company, Incorporated	Bonds no.478	July 2, 2019	AA-	
Kyushu Electric Power Company,	D 1 470	T 1 20 2020		
Incorporated	Bonds no.478	July 20, 2020	AA-	
Kyushu Electric Power Company,	Bonds no.478	July 21, 2021	AA-	
Incorporated Kyushu Electric Power Company,	D 1 450			
Incorporated	Bonds no.478	July 21, 2022	AA-	
Kyushu Electric Power Company,	Bonds no.478	July 27, 2023	AA-	
Incorporated Kyushu Electric Power Company,				
Incorporated	Bonds no.480	July 19, 2019	AA-	
Kyushu Electric Power Company,	Bonds no.480	July 20, 2020	AA-	
Incorporated Kyushu Electric Power Company,				
Incorporated	Bonds no.480	July 21, 2021	AA-	
Kyushu Electric Power Company,	Bonds no.480	July 21, 2022	AA-	
Incorporated	25135 110. 100	USIJ 21, 2022	1111	



Issuer Name	Issue Name	Publication Date	Rating	Outlook/Direction
Kyushu Electric Power Company,	Bonds no.480	July 27, 2023	AA-	
Incorporated Kyushu Electric Power Company,		•		
Incorporated	Bonds no.481	July 19, 2019	AA-	
Kyushu Electric Power Company,	Bonds no.481	July 20, 2020	AA-	
Incorporated Kyushu Electric Power Company,	Donas no. 101	341y 20, 2020	7171	
Incorporated	Bonds no.481	July 21, 2021	AA-	
Kyushu Electric Power Company,	Bonds no.481	July 21, 2022	AA-	
Incorporated	Donus no.401	July 21, 2022	AA-	
Kyushu Electric Power Company, Incorporated	Bonds no.481	July 27, 2023	AA-	
Kyushu Electric Power Company,	Bonds no.482	A	Α Α	
Incorporated	Bonds no.482	August 28, 2019	AA-	
Kyushu Electric Power Company,	Bonds no.482	July 20, 2020	AA-	
Incorporated Kyushu Electric Power Company,	D 1 400	T. 1. 01. 0001		
Incorporated	Bonds no.482	July 21, 2021	AA-	
Kyushu Electric Power Company,	Bonds no.482	July 21, 2022	AA-	
Incorporated Kyushu Electric Power Company,				
Incorporated	Bonds no.482	July 27, 2023	AA-	
Kyushu Electric Power Company,	Bonds no.483	August 28, 2019	AA-	
Incorporated Kyushu Electric Power Company,				
Incorporated	Bonds no.483	July 20, 2020	AA-	
Kyushu Electric Power Company,	Bonds no.483	July 21, 2021	AA-	
Incorporated Kyushu Electric Power Company,	Defines field 103	0 dily 21, 2021		
Incorporated	Bonds no.483	July 21, 2022	AA-	
Kyushu Electric Power Company,	Bonds no.483	July 27, 2023	AA-	
Incorporated Kyushu Electric Power Company,	Denias nel 103	tary 27, 2023		
Incorporated	Bonds no.484	November 22, 2019	AA-	
Kyushu Electric Power Company,	Bonds no.484	July 20, 2020	AA-	
Incorporated Kyushu Electric Power Company,	Donus no. 404	July 20, 2020	ΛΛ-	
Incorporated	Bonds no.484	July 21, 2021	AA-	
Kyushu Electric Power Company,	Bonds no.484	July 21, 2022	AA-	
Incorporated	Bolius IIo.464	July 21, 2022	AA-	
Kyushu Electric Power Company, Incorporated	Bonds no.484	July 27, 2023	AA-	
Kyushu Electric Power Company,	Bonds no.485	N	Α Α	
Incorporated	Bonds no.483	November 22, 2019	AA-	
Kyushu Electric Power Company, Incorporated	Bonds no.485	July 20, 2020	AA-	
Kyushu Electric Power Company,	D 1 405	1 1 21 2021		
Incorporated	Bonds no.485	July 21, 2021	AA-	
Kyushu Electric Power Company,	Bonds no.485	July 21, 2022	AA-	
Incorporated Kyushu Electric Power Company,	D 1 405	T 1 07 0000		
Incorporated	Bonds no.485	July 27, 2023	AA-	
Kyushu Electric Power Company,	Bonds no.487	December 11, 2019	AA-	
Incorporated Kyushu Electric Power Company,				
Incorporated	Bonds no.487	July 20, 2020	AA-	
Kyushu Electric Power Company,	Bonds no.487	July 21, 2021	AA-	
Incorporated Kyushu Electric Power Company,				
Incorporated	Bonds no.487	July 21, 2022	AA-	
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Issuer Name	Issue Name	Publication Date	Rating	Outlook/Direction
Kyushu Electric Power Company,	Bonds no.487	July 27, 2023	AA-	
Incorporated Kyushu Electric Power Company,				
Incorporated	Bonds no.489	May 15, 2020	AA-	
Kyushu Electric Power Company,	Bonds no.489	July 20, 2020	AA-	
Incorporated Kyushu Electric Power Company,		7 1 01 0001		
Incorporated	Bonds no.489	July 21, 2021	AA-	
Kyushu Electric Power Company,	Bonds no.489	July 21, 2022	AA-	
Incorporated Kyushu Electric Power Company,	D 1 400	1.1.05.000		
Incorporated	Bonds no.489	July 27, 2023	AA-	
Kyushu Electric Power Company, Incorporated	Bonds no.1(subordinated)	October 9, 2020	A	
Kyushu Electric Power Company,	D 1 1(11'4.1)	L-1 21 2021		
Incorporated	Bonds no.1(subordinated)	July 21, 2021	A	
Kyushu Electric Power Company, Incorporated	Bonds no.1(subordinated)	July 21, 2022	A	
Kyushu Electric Power Company,	D 1 1/ 1 1 1 1 1	1 1 27 2022		
Incorporated	Bonds no.1(subordinated)	July 27, 2023	A	
Kyushu Electric Power Company, Incorporated	Bonds no.2(subordinated)	October 9, 2020	A	
Kyushu Electric Power Company,	D d 2(1d)	Il-, 21, 2021	Α.	
Incorporated	Bonds no.2(subordinated)	July 21, 2021	A	
Kyushu Electric Power Company, Incorporated	Bonds no.2(subordinated)	July 21, 2022	A	
Kyushu Electric Power Company,	Bonds no.2(subordinated)	Index 27, 2022	Α.	
Incorporated C	Bonds no.2(subordinated)	July 27, 2023	A	
Kyushu Electric Power Company, Incorporated	Bonds no.3(subordinated)	October 9, 2020	A	
Kyushu Electric Power Company,	Bonds no.3(subordinated)	July 21, 2021	A	
Incorporated Kyushu Electric Power Company,	Donas no.5(susoramatea)	3diy 21, 2021	7 1	
Incorporated	Bonds no.3(subordinated)	July 21, 2022	A	
Kyushu Electric Power Company,	Bonds no.3(subordinated)	July 27, 2023	A	
Incorporated Kyushu Electric Power Company,	,			
Incorporated	Bonds no.491	April 16, 2021	AA-	
Kyushu Electric Power Company,	Bonds no.491	July 21, 2021	AA-	
Incorporated Kyushu Electric Power Company,	- 1 101	7 1 01 0000		
Incorporated	Bonds no.491	July 21, 2022	AA-	
Kyushu Electric Power Company, Incorporated	Bonds no.491	July 27, 2023	AA-	
Kyushu Electric Power Company,	D 1 402	A '116 2021		
Incorporated	Bonds no.492	April 16, 2021	AA-	
Kyushu Electric Power Company, Incorporated	Bonds no.492	July 21, 2021	AA-	
Kyushu Electric Power Company,	Bonds no.492	Il-, 21, 2022	A A	
Incorporated	Bonds no.492	July 21, 2022	AA-	
Kyushu Electric Power Company, Incorporated	Bonds no.492	July 27, 2023	AA-	
Kyushu Electric Power Company,	Bonds no.493	June 4, 2021	AA-	
Incorporated	Donus no.473	Julie 4, 2021	AA-	
Kyushu Electric Power Company, Incorporated	Bonds no.493	July 21, 2021	AA-	
Kyushu Electric Power Company,	Bonds no.493	July 21, 2022	AA-	
Incorporated Kyushu Electric Power Company,		July 21, 2022	77.T	
Incorporated	Bonds no.493	July 27, 2023	AA-	
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Issuer Name	Issue Name	Publication Date	Rating	Outlook/Direction
Kyushu Electric Power Company,	Bonds no.494	June 4, 2021	AA-	
Incorporated Kyushu Electric Power Company,				
Incorporated	Bonds no.494	July 21, 2021	AA-	
Kyushu Electric Power Company,	Bonds no.494	July 21, 2022	AA-	
Incorporated Kyushu Electric Power Company,				
Incorporated	Bonds no.494	July 27, 2023	AA-	
Kyushu Electric Power Company,	Bonds no.495	July 8, 2021	AA-	
Incorporated  Kyushu Electric Power Company,	Zendo nel 190	001) 0, 2021		
Incorporated	Bonds no.495	July 21, 2021	AA-	
Kyushu Electric Power Company,	Bonds no.495	July 21, 2022	AA-	
Incorporated Kyushu Electric Power Company,	Donus no. 473	July 21, 2022	TAT-	
Incorporated	Bonds no.495	July 27, 2023	AA-	
Kyushu Electric Power Company,	Bonds no.496	October 6, 2021	AA-	
Incorporated C	Bolius IIo.470	October 0, 2021	AA-	
Kyushu Electric Power Company, Incorporated	Bonds no.496	July 21, 2022	AA-	
Kyushu Electric Power Company,	Bonds no.496	Index 27, 2022	Λ Λ	
Incorporated	Bonds no.490	July 27, 2023	AA-	
Kyushu Electric Power Company, Incorporated	Bonds no.497	October 6, 2021	AA-	
Kyushu Electric Power Company,	D 1 407	1 1 21 2022		
Incorporated	Bonds no.497	July 21, 2022	AA-	
Kyushu Electric Power Company,	Bonds no.497	July 27, 2023	AA-	
Incorporated Kyushu Electric Power Company,				
Incorporated	Bonds no.498	December 10, 2021	AA-	
Kyushu Electric Power Company,	Bonds no.498	July 21, 2022	AA-	
Incorporated Kyushu Electric Power Company,				
Incorporated	Bonds no.498	July 27, 2023	AA-	
Kyushu Electric Power Company,	Bonds no.499	December 10, 2021	AA-	
Incorporated Kyushu Electric Power Company,				
Incorporated	Bonds no.499	July 21, 2022	AA-	
Kyushu Electric Power Company,	Bonds no.499	July 27, 2023	AA-	
Incorporated Kyushu Electric Power Company,		1 7 7 7 7		
Incorporated	Bonds no.500	January 14, 2022	AA-	
Kyushu Electric Power Company,	Bonds no.500	July 21, 2022	AA-	
Incorporated Kyushu Electric Power Company,	Defines field of	0 dily 21, 2022		
Incorporated	Bonds no.500	July 27, 2023	AA-	
Kyushu Electric Power Company,	Bonds no.501	February 18, 2022	AA-	
Incorporated	Bonds no.501	1 cordary 10, 2022	7171	
Kyushu Electric Power Company, Incorporated	Bonds no.501	July 21, 2022	AA-	
Kyushu Electric Power Company,	Bonds no.501	July 27, 2023	AA-	
Incorporated	Dollas IIO.301	July 27, 2023	ΛΛ-	
Kyushu Electric Power Company, Incorporated	Bonds no.502	February 18, 2022	AA-	
Kyushu Electric Power Company,	Bonds no.502	July 21 2022	AA-	
Incorporated Versila Florida Description	Donus no.302	July 21, 2022	AA-	
Kyushu Electric Power Company, Incorporated	Bonds no.502	July 27, 2023	AA-	
Kyushu Electric Power Company,	Bonds no.503	A:1 7 2022	A A	
Incorporated	Bonds 110.303	April 7, 2022	AA-	



Issuer Name	Issue Name	Publication Date	Rating	Outlook/Direction
Kyushu Electric Power Company,	Bonds no.503	July 21, 2022	AA-	
Incorporated Kyushu Electric Power Company,				
Incorporated	Bonds no.503	July 27, 2023	AA-	
Kyushu Electric Power Company,	Bonds no.504	April 7, 2022	AA-	
Incorporated Kyushu Electric Power Company,	Donas no.50 i	7 tp111 7, 2022	7 17 1	
Incorporated	Bonds no.504	July 21, 2022	AA-	
Kyushu Electric Power Company,	Bonds no.504	I1 27 2022	A A	
Incorporated	Bonds no.304	July 27, 2023	AA-	
Kyushu Electric Power Company, Incorporated	Bonds no.505	April 7, 2022	AA-	
Kyushu Electric Power Company,				
Incorporated	Bonds no.505	July 21, 2022	AA-	
Kyushu Electric Power Company,	Bonds no.505	July 27, 2023	AA-	
Incorporated Kyushu Electric Power Company,	Defines field 05	vary 27, 2023	7 11 1	
Incorporated	Bonds no.506	May 18, 2022	AA-	
Kyushu Electric Power Company,	D1506	Il-, 21, 2022	A A	
Incorporated	Bonds no.506	July 21, 2022	AA-	
Kyushu Electric Power Company,	Bonds no.506	July 27, 2023	AA-	
Incorporated Kyushu Electric Power Company,				
Incorporated	Bonds no.507	May 18, 2022	AA-	
Kyushu Electric Power Company,	Bonds no.507	July 21, 2022	AA-	
Incorporated  Vyrushy Floatric Power Company	Defice field (	vary 21, 2022		
Kyushu Electric Power Company, Incorporated	Bonds no.507	July 27, 2023	AA-	
Kyushu Electric Power Company,	Bonds no.508	I1 ( 2022	A A	
Incorporated	Bonds no.308	July 6, 2022	AA-	
Kyushu Electric Power Company,	Bonds no.508	July 21, 2022	AA-	
Incorporated Kyushu Electric Power Company,				
Incorporated	Bonds no.508	July 27, 2023	AA-	
Kyushu Electric Power Company,	Bonds no.509	July 6, 2022	AA-	
Incorporated Kyushu Electric Power Company,				
Incorporated	Bonds no.509	July 21, 2022	AA-	
Kyushu Electric Power Company,	Bonds no.509	July 27, 2023	AA-	
Incorporated Company Company	Bonds no.509	July 27, 2023	AA-	
Kyushu Electric Power Company, Incorporated	Bonds no.510	July 6, 2022	AA-	
Kyushu Electric Power Company,	D 1 510	1 1 21 2022		
Incorporated	Bonds no.510	July 21, 2022	AA-	
Kyushu Electric Power Company,	Bonds no.510	July 27, 2023	AA-	
Incorporated Kyushu Electric Power Company,				
Incorporated	Bonds no.511	August 24, 2022	AA-	
Kyushu Electric Power Company,	Bonds no.511	July 27, 2023	AA-	
Incorporated Kyushu Electric Power Company,	Donas nele 11	vary 27, 2023	7 11 1	
Incorporated	Bonds no.512	August 24, 2022	AA-	
Kyushu Electric Power Company,	Bonds no.512	Index 27, 2022	Α Λ	
Incorporated	DOMUS 110.312	July 27, 2023	AA-	
Kyushu Electric Power Company,	Bonds no.513	November 18, 2022	AA-	
Incorporated Kyushu Electric Power Company,				
Incorporated	Bonds no.513	July 27, 2023	AA-	
Kyushu Electric Power Company,	Bonds no.514	February 17, 2023	AA-	
Incorporated				



Issuer Name	Issue Name	Publication Date	Rating	Outlook/Direction
Kyushu Electric Power Company,	Bonds no.514	July 27, 2023	AA-	
Incorporated	Bollus IIo.314	July 27, 2023	ΛΛ-	
Kyushu Electric Power Company,	Bonds no.515	May 26, 2023	AA-	
Incorporated	Bollus 110.515	Way 20, 2023	7 17 1	
Kyushu Electric Power Company,	Bonds no.515	July 27, 2023	AA-	
Incorporated	Bollus IIo.313	July 27, 2023	7 17 1	
Kyushu Electric Power Company,	Bonds no.516	May 26, 2023	AA-	
Incorporated	Bolius IIo.0 10	111ay 20, 2023	7 17 1	
Kyushu Electric Power Company,	Bonds no.516	July 27, 2023	AA-	
Incorporated	Bolius no.510	July 27, 2023	7.17.1	
Kyushu Electric Power Company,	Bonds no.517	July 14, 2023	AA-	
Incorporated	Bollus IIo.517	July 14, 2023	7 17 1	
Kyushu Electric Power Company,	Bonds no.517	July 27, 2023	AA-	
Incorporated	Bollus IIo.517	July 27, 2023	7 17 1	
Kyushu Electric Power Company,	Bonds no.518	July 14, 2023	AA-	
Incorporated	Bonds no.510	July 14, 2023	7 17 1	
Kyushu Electric Power Company,	Bonds no.518	July 27, 2023	AA-	
Incorporated	Bolius 110.510	July 27, 2023	7171-	
Kyushu Electric Power Company,	Bonds no.519	July 14, 2023	AA-	
Incorporated	Bolius 110.319	July 14, 2023	ΛΛ-	
Kyushu Electric Power Company,	Bonds no.519	July 27, 2023	AA-	
Incorporated	Bollds II0.319	July 27, 2023	AA-	
Kyushu Electric Power Company,	Bonds no.520	August 31, 2023	AA-	
Incorporated	Bonds no.520	August 31, 2023	ΛΛ-	
Kyushu Electric Power Company,	Bonds no.521	September 14, 2023	AA-	
Incorporated	Dollds 110.321	September 14, 2023	AA-	
Kyushu Electric Power Company,	Bonds no.522	December 1, 2023	AA-	
Incorporated	Dollds 110.322	December 1, 2023	AA-	
Kyushu Electric Power Company,	Bonds no.523	December 1, 2023	AA-	
Incorporated	Bolids 110.323	December 1, 2023	AA-	
Kyushu Electric Power Company,	Bonds no.524	April 5, 2024	AA-	
Incorporated	Bolids 110.324	April 3, 2024	AA-	
Kyushu Electric Power Company,	Bonds no.525	April 5, 2024	AA-	
Incorporated	Dollus 110.323	April 5, 2024	AA-	
Kyushu Electric Power Company,	Bonds no.526	May 28 2024	AA-	
Incorporated	Dollus 110.320	May 28, 2024	AA-	
Kyushu Electric Power Company,	Bonds no.527	May 28, 2024	AA-	
Incorporated	Donus no.327	Way 20, 2024	AA-	



Issuer Name	Issue Name	Publication Date	Rating	Outlook/Direction
Electric Power Development Co.,	Issuer(Long-term)	April 17, 2006	AAA	Negative
Ltd. Electric Power Development Co.,	Issuar(I on a torre)	August 29, 2006	A A A	Stable
Ltd.	Issuer(Long-term)	August 29, 2006	AAA	Stable
Electric Power Development Co., Ltd.	Issuer(Long-term)	April 17, 2007	AAA	Stable
Electric Power Development Co., Ltd.	Issuer(Long-term)	April 24, 2008	AAA	Stable
Electric Power Development Co., Ltd.	Issuer(Long-term)	April 27, 2009	AAA	Stable
Electric Power Development Co., Ltd.	Issuer(Long-term)	April 27, 2010	AAA	Stable
Electric Power Development Co., Ltd.	Issuer(Long-term)	June 6, 2011	AAA	Negative
Electric Power Development Co.,	Issuer(Long-term)	September 22, 2011	AAA	Negative
Ltd. Electric Power Development Co.,	Issuer(Long-term)	June 19, 2012	AA+	Negative
Ltd. Electric Power Development Co.,		I 1 25 2012	<b>A A</b> 1	NI di
Ltd.	Issuer(Long-term)	July 25, 2013	AA+	Negative
Electric Power Development Co., Ltd.	Issuer(Long-term)	September 22, 2014	AA+	Negative
Electric Power Development Co., Ltd.	Issuer(Long-term)	August 25, 2015	AA+	Stable
Electric Power Development Co., Ltd.	Issuer(Long-term)	June 29, 2016	AA+	Stable
Electric Power Development Co., Ltd.	Issuer(Long-term)	July 3, 2017	AA+	Stable
Electric Power Development Co., Ltd.	Issuer(Long-term)	June 22, 2018	AA+	Stable
Electric Power Development Co., Ltd.	Issuer(Long-term)	July 2, 2019	AA+	Stable
Electric Power Development Co., Ltd.	Issuer(Long-term)	July 20, 2020	AA+	Stable
Electric Power Development Co., Ltd.	Issuer(Long-term)	July 21, 2021	AA+	Stable
Electric Power Development Co., Ltd.	Issuer(Long-term)	July 21, 2022	AA+	Stable
Electric Power Development Co., Ltd.	Issuer(Long-term)	July 27, 2023	AA+	Stable
Electric Power Development Co., Ltd.	СР	February 17, 2016	J-1+	
Electric Power Development Co., Ltd.	СР	June 29, 2016	J-1+	
Electric Power Development Co., Ltd.	СР	July 3, 2017	J-1+	
Electric Power Development Co., Ltd.	СР	June 22, 2018	J-1+	
Electric Power Development Co., Ltd.	СР	July 2, 2019	J-1+	
Electric Power Development Co., Ltd.	СР	July 20, 2020	J-1+	
Electric Power Development Co., Ltd.	СР	July 21, 2021	J-1+	
Electric Power Development Co., Ltd.	СР	July 21, 2022	J-1+	
Electric Power Development Co., Ltd.	СР	July 27, 2023	J-1+	
Ltd. Electric Power Development Co.,		-		



Issuer Name	Issue Name	Publication Date	Rating	Outlook/Direction
Electric Power Development Co.,	Shelf Registration	July 7, 2023	AA+	
Ltd.	Shell Registration	July 1, 2023	7121	
Electric Power Development Co., Ltd.	Shelf Registration	July 27, 2023	AA+	
Electric Power Development Co.,				
Ltd.	Bonds no.5	October 20, 2004	AAA	
Electric Power Development Co., Ltd.	Bonds no.5	April 14, 2005	AAA	
Electric Power Development Co., Ltd.	Bonds no.5	April 17, 2006	AAA	
Electric Power Development Co., Ltd.	Bonds no.5	April 17, 2007	AAA	
Electric Power Development Co., Ltd.	Bonds no.5	April 24, 2008	AAA	
Electric Power Development Co., Ltd.	Bonds no.5	April 27, 2009	AAA	
Electric Power Development Co., Ltd.	Bonds no.5	April 27, 2010	AAA	
Electric Power Development Co., Ltd.	Bonds no.5	June 6, 2011	AAA	
Electric Power Development Co., Ltd.	Bonds no.5	September 22, 2011	AAA	
Electric Power Development Co., Ltd.	Bonds no.5	June 19, 2012	AA+	
Electric Power Development Co., Ltd.	Bonds no.5	July 25, 2013	AA+	
Electric Power Development Co., Ltd.	Bonds no.5	September 22, 2014	AA+	
Electric Power Development Co., Ltd.	Bonds no.5	August 25, 2015	AA+	
Electric Power Development Co., Ltd.	Bonds no.5	June 29, 2016	AA+	
Electric Power Development Co., Ltd.	Bonds no.5	July 3, 2017	AA+	
Electric Power Development Co., Ltd.	Bonds no.5	June 22, 2018	AA+	
Electric Power Development Co., Ltd.	Bonds no.5	July 2, 2019	AA+	
Electric Power Development Co., Ltd.	Bonds no.5	July 20, 2020	AA+	
Electric Power Development Co., Ltd.	Bonds no.5	July 21, 2021	AA+	
Electric Power Development Co., Ltd.	Bonds no.5	July 21, 2022	AA+	
Electric Power Development Co., Ltd.	Bonds no.5	July 27, 2023	AA+	
Electric Power Development Co., Ltd.	Bonds no.8	February 10, 2005	AAA	
Electric Power Development Co., Ltd.	Bonds no.8	April 14, 2005	AAA	
Electric Power Development Co., Ltd.	Bonds no.8	April 17, 2006	AAA	
Electric Power Development Co., Ltd.	Bonds no.8	April 17, 2007	AAA	
Electric Power Development Co., Ltd.	Bonds no.8	April 24, 2008	AAA	
Electric Power Development Co., Ltd.	Bonds no.8	April 27, 2009	AAA	



Issuer Name	Issue Name	Publication Date	Rating	Outlook/Direction
Electric Power Development Co.,	Bonds no.8	April 27, 2010	AAA	
Ltd.		•		
Electric Power Development Co., Ltd.	Bonds no.8	June 6, 2011	AAA	
Electric Power Development Co., Ltd.	Bonds no.8	September 22, 2011	AAA	
Electric Power Development Co., Ltd.	Bonds no.8	June 19, 2012	AA+	
Electric Power Development Co., Ltd.	Bonds no.8	July 25, 2013	AA+	
Electric Power Development Co., Ltd.	Bonds no.8	September 22, 2014	AA+	
Electric Power Development Co., Ltd.	Bonds no.8	August 25, 2015	AA+	
Electric Power Development Co., Ltd.	Bonds no.8	June 29, 2016	AA+	
Electric Power Development Co., Ltd.	Bonds no.8	July 3, 2017	AA+	
Electric Power Development Co., Ltd.	Bonds no.8	June 22, 2018	AA+	
Electric Power Development Co., Ltd.	Bonds no.8	July 2, 2019	AA+	
Electric Power Development Co., Ltd.	Bonds no.8	July 20, 2020	AA+	
Electric Power Development Co., Ltd.	Bonds no.8	July 21, 2021	AA+	
Electric Power Development Co., Ltd.	Bonds no.8	July 21, 2022	AA+	
Electric Power Development Co., Ltd.	Bonds no.8	July 27, 2023	AA+	
Electric Power Development Co., Ltd.	Bonds no.11	May 25, 2005	AAA	
Electric Power Development Co., Ltd.	Bonds no.11	April 17, 2006	AAA	
Electric Power Development Co., Ltd.	Bonds no.11	April 17, 2007	AAA	
Electric Power Development Co., Ltd.	Bonds no.11	April 24, 2008	AAA	
Electric Power Development Co., Ltd.	Bonds no.11	April 27, 2009	AAA	
Electric Power Development Co., Ltd.	Bonds no.11	April 27, 2010	AAA	
Electric Power Development Co., Ltd.	Bonds no.11	June 6, 2011	AAA	
Electric Power Development Co., Ltd.	Bonds no.11	September 22, 2011	AAA	
Electric Power Development Co., Ltd.	Bonds no.11	June 19, 2012	AA+	
Electric Power Development Co., Ltd.	Bonds no.11	July 25, 2013	AA+	
Electric Power Development Co., Ltd.	Bonds no.11	September 22, 2014	AA+	
Electric Power Development Co., Ltd.	Bonds no.11	August 25, 2015	AA+	
Electric Power Development Co., Ltd.	Bonds no.11	June 29, 2016	AA+	
Electric Power Development Co., Ltd.	Bonds no.11	July 3, 2017	AA+	



Issuer Name	Issue Name	Publication Date	Rating	Outlook/Direction
Electric Power Development Co.,	Bonds no.11	June 22, 2018	AA+	
Ltd. Electric Power Development Co.,	20140 11011 1	0 0000 22, 2010		
Ltd.	Bonds no.11	July 2, 2019	AA+	
Electric Power Development Co.,	D 1 11	1.1.20.2020	A A .	
Ltd.	Bonds no.11	July 20, 2020	AA+	
Electric Power Development Co., Ltd.	Bonds no.11	July 21, 2021	AA+	
Electric Power Development Co., Ltd.	Bonds no.11	July 21, 2022	AA+	
Electric Power Development Co.,	Bonds no.11	July 27, 2023	AA+	
Ltd. Electric Power Development Co.,				
Ltd.	Bonds no.13	July 8, 2005	AAA	
Electric Power Development Co.,	Danda 12	A:1 17 2006	A A A	
Ltd.	Bonds no.13	April 17, 2006	AAA	
Electric Power Development Co., Ltd.	Bonds no.13	April 17, 2007	AAA	
Electric Power Development Co.,	Bonds no.13	April 24, 2008	AAA	
Ltd.	Bolids IIO.13	April 24, 2006	AAA	
Electric Power Development Co.,	Bonds no.13	April 27, 2009	AAA	
Ltd.	-	1 .,		
Electric Power Development Co., Ltd.	Bonds no.13	April 27, 2010	AAA	
Electric Power Development Co.,				
Ltd.	Bonds no.13	June 6, 2011	AAA	
Electric Power Development Co.,	D 1 12	G 4 1 22 2011		
Ltd.	Bonds no.13	September 22, 2011	AAA	
Electric Power Development Co.,	Bonds no.13	June 19, 2012	AA+	
Ltd.	Bollas holls	vane 15, 2012	7111	
Electric Power Development Co.,	Bonds no.13	July 25, 2013	AA+	
Ltd. Electric Power Development Co.,				
Ltd.	Bonds no.13	September 22, 2014	AA+	
Electric Power Development Co.,	D 1 12	4 25 2015	A A 1	
Ltd.	Bonds no.13	August 25, 2015	AA+	
Electric Power Development Co.,	Bonds no.13	June 29, 2016	AA+	
Ltd.	Zonas norre	0 0000 25, 2010		
Electric Power Development Co.,	Bonds no.13	July 3, 2017	AA+	
Ltd. Electric Power Development Co.,				
Ltd.	Bonds no.13	June 22, 2018	AA+	
Electric Power Development Co.,	D 1 12	1.1.2.2010		
Ltd.	Bonds no.13	July 2, 2019	AA+	
Electric Power Development Co.,	Bonds no.13	July 20, 2020	AA+	
Ltd.	Dondo no.13	July 20, 2020	1 11 T	
Electric Power Development Co.,	Bonds no.13	July 21, 2021	AA+	
Ltd. Electric Power Development Co.,				
Ltd.	Bonds no.13	July 21, 2022	AA+	
Electric Power Development Co.,	D 1 12	T 1 07 0000		
Ltd.	Bonds no.13	July 27, 2023	AA+	
Electric Power Development Co.,	Bonds no.15	October 6, 2005	AAA	
Ltd.	Bollub Ho.12	0, 2003	11111	
Electric Power Development Co.,	Bonds no.15	April 17, 2006	AAA	
Ltd. Electric Power Development Co.,				
Ltd.	Bonds no.15	April 17, 2007	AAA	
	1			1



Issuer Name	Issue Name	Publication Date	Rating	Outlook/Direction
Electric Power Development Co.,	Bonds no.15	April 24, 2008	AAA	
Ltd.	Bolids 110.13	7 tprii 24, 2000	71111	
Electric Power Development Co., Ltd.	Bonds no.15	April 27, 2009	AAA	
Electric Power Development Co.,				
Ltd.	Bonds no.15	April 27, 2010	AAA	
Electric Power Development Co., Ltd.	Bonds no.15	June 6, 2011	AAA	
Electric Power Development Co., Ltd.	Bonds no.15	September 22, 2011	AAA	
Electric Power Development Co., Ltd.	Bonds no.15	June 19, 2012	AA+	
Electric Power Development Co., Ltd.	Bonds no.15	July 25, 2013	AA+	
Electric Power Development Co., Ltd.	Bonds no.15	September 22, 2014	AA+	
Electric Power Development Co., Ltd.	Bonds no.15	August 25, 2015	AA+	
Electric Power Development Co., Ltd.	Bonds no.15	June 29, 2016	AA+	
Electric Power Development Co., Ltd.	Bonds no.15	July 3, 2017	AA+	
Electric Power Development Co., Ltd.	Bonds no.15	June 22, 2018	AA+	
Electric Power Development Co.,	Bonds no.15	July 2, 2019	AA+	
Ltd. Electric Power Development Co.,	Bonds no.15	July 20, 2020	AA+	
Ltd. Electric Power Development Co.,	Bonds no.15	July 21, 2021	AA+	
Ltd. Electric Power Development Co.,	Bonds no.15	July 21, 2022	AA+	
Ltd. Electric Power Development Co.,	Bonds no.15	July 27, 2023	AA+	
Electric Power Development Co.,	Bonds no.26	March 4, 2009	AAA	
Ltd.  Electric Power Development Co., Ltd.	Bonds no.26	April 27, 2009	AAA	
Electric Power Development Co., Ltd.	Bonds no.26	April 27, 2010	AAA	
Electric Power Development Co., Ltd.	Bonds no.26	June 6, 2011	AAA	
Electric Power Development Co., Ltd.	Bonds no.26	September 22, 2011	AAA	
Electric Power Development Co., Ltd.	Bonds no.26	June 19, 2012	AA+	
Electric Power Development Co., Ltd.	Bonds no.26	July 25, 2013	AA+	
Electric Power Development Co., Ltd.	Bonds no.26	September 22, 2014	AA+	
Electric Power Development Co., Ltd.	Bonds no.26	August 25, 2015	AA+	
Electric Power Development Co., Ltd.	Bonds no.26	June 29, 2016	AA+	
Electric Power Development Co., Ltd.	Bonds no.26	July 3, 2017	AA+	
Electric Power Development Co., Ltd.	Bonds no.26	June 22, 2018	AA+	
	1			1



Issuer Name	Issue Name	Publication Date	Rating	Outlook/Direction
Electric Power Development Co.,	Bonds no.26	July 2, 2019	AA+	
Ltd.	Bolids 110.20	July 2, 2017	7171	
Electric Power Development Co., Ltd.	Bonds no.26	July 20, 2020	AA+	
Electric Power Development Co.,				
Ltd.	Bonds no.26	July 21, 2021	AA+	
Electric Power Development Co., Ltd.	Bonds no.26	July 21, 2022	AA+	
Electric Power Development Co., Ltd.	Bonds no.26	July 27, 2023	AA+	
Electric Power Development Co.,	Bonds no.41	August 27, 2014	AA+	
Ltd. Electric Power Development Co.,		_		
Ltd.	Bonds no.41	September 22, 2014	AA+	
Electric Power Development Co.,	Danda no 41	August 25, 2015	A A 1	
Ltd.	Bonds no.41	August 25, 2015	AA+	
Electric Power Development Co., Ltd.	Bonds no.41	June 29, 2016	AA+	
Electric Power Development Co.,	Bonds no.41	July 3, 2017	AA+	
Ltd.	Bolius no1	3diy 5, 2017	7171	
Electric Power Development Co.,	Bonds no.41	June 22, 2018	AA+	
Ltd. Electric Power Development Co.,				
Ltd.	Bonds no.41	July 2, 2019	AA+	
Electric Power Development Co.,	D 1 41	1.1.20.2020	A A 1	
Ltd.	Bonds no.41	July 20, 2020	AA+	
Electric Power Development Co., Ltd.	Bonds no.41	July 21, 2021	AA+	
Electric Power Development Co.,	D 1 41	1.1.21.2022		
Ltd.	Bonds no.41	July 21, 2022	AA+	
Electric Power Development Co.,	Bonds no.41	July 27, 2023	AA+	
Ltd.	2014011	0 01.7 2 7, 2 0 2 5		
Electric Power Development Co.,	Bonds no.42	April 12, 2016	AA+	
Ltd. Electric Power Development Co.,				
Ltd.	Bonds no.42	June 29, 2016	AA+	
Electric Power Development Co.,	Bonds no.42	Index 2 2017	A A 1	
Ltd.	Bonds no.42	July 3, 2017	AA+	
Electric Power Development Co.,	Bonds no.42	June 22, 2018	AA+	
Ltd.		, 10		
Electric Power Development Co., Ltd.	Bonds no.42	July 2, 2019	AA+	
Electric Power Development Co.,				
Ltd.	Bonds no.42	July 20, 2020	AA+	
Electric Power Development Co.,	Bonds no.42	July 21, 2021	AA+	
Ltd.	DONUS 110.42	July 21, 2021	AAT	
Electric Power Development Co., Ltd.	Bonds no.42	July 21, 2022	AA+	
Electric Power Development Co.,	Bonds no.42	July 27, 2023	AA+	
Ltd.	Bonds no.42	July 27, 2023	AA+	
Electric Power Development Co.,	Bonds no.43	June 1, 2016	AA+	
Ltd.	-	1,2010		
Electric Power Development Co., Ltd.	Bonds no.43	June 29, 2016	AA+	
Electric Power Development Co.,				
Ltd.	Bonds no.43	July 3, 2017	AA+	
Electric Power Development Co.,	Bonds no.43	June 22, 2018	AA+	
Ltd.		, ,		



Issuer Name	Issue Name	Publication Date	Rating	Outlook/Direction
Electric Power Development Co.,	Bonds no.43	July 2, 2019	AA+	
Ltd.	Bolids 110.43	July 2, 2019	AA	
Electric Power Development Co., Ltd.	Bonds no.43	July 20, 2020	AA+	
Electric Power Development Co.,				
Ltd.	Bonds no.43	July 21, 2021	AA+	
Electric Power Development Co.,	Bonds no.43	July 21, 2022	A A 1	
Ltd.	Bonds no.43	July 21, 2022	AA+	
Electric Power Development Co.,	Bonds no.43	July 27, 2023	AA+	
Ltd.		<b>3</b> 1,7 1 1		
Electric Power Development Co., Ltd.	Bonds no.44	October 14, 2016	AA+	
Electric Power Development Co.,				
Ltd.	Bonds no.44	July 3, 2017	AA+	
Electric Power Development Co.,	Bonds no.44	June 22, 2018	AA+	
Ltd.	Bolids 110.44	June 22, 2018	AA	
Electric Power Development Co.,	Bonds no.44	July 2, 2019	AA+	
Ltd. Electric Power Development Co.,		•		
Ltd.	Bonds no.44	July 20, 2020	AA+	
Electric Power Development Co.,	D 1	X 1 21 2021		
Ltd.	Bonds no.44	July 21, 2021	AA+	
Electric Power Development Co.,	Bonds no.44	July 21, 2022	AA+	
Ltd.	Dollus 110.44	July 21, 2022	AA I	
Electric Power Development Co.,	Bonds no.44	July 27, 2023	AA+	
Ltd. Electric Power Development Co.,		•		
Ltd.	Bonds no.45	November 22, 2016	AA+	
Electric Power Development Co.,	5 1 15	I 1 2 2015		
Ltd.	Bonds no.45	July 3, 2017	AA+	
Electric Power Development Co.,	Bonds no.45	June 22, 2018	AA+	
Ltd.	Bolids no. 43	June 22, 2010	7171	
Electric Power Development Co.,	Bonds no.45	July 2, 2019	AA+	
Ltd. Electric Power Development Co.,		-		
Ltd.	Bonds no.45	July 20, 2020	AA+	
Electric Power Development Co.,	D 1 45	I 1 21 2021	A A 1	
Ltd.	Bonds no.45	July 21, 2021	AA+	
Electric Power Development Co.,	Bonds no.45	July 21, 2022	AA+	
Ltd.	Bollas no. 12	3 diy 21, 2022	7171	
Electric Power Development Co.,	Bonds no.45	July 27, 2023	AA+	
Ltd. Electric Power Development Co.,				
Ltd.	Bonds no.47	February 16, 2017	AA+	
Electric Power Development Co.,	Danida na 47	Il2 2017	A A 1	
Ltd.	Bonds no.47	July 3, 2017	AA+	
Electric Power Development Co.,	Bonds no.47	June 22, 2018	AA+	
Ltd.	Zonas novi,	0 0000 22, 2010		
Electric Power Development Co., Ltd.	Bonds no.47	July 2, 2019	AA+	
Electric Power Development Co.,				
Ltd.	Bonds no.47	July 20, 2020	AA+	
Electric Power Development Co.,	Bonds no.47	July 21, 2021	AA+	
Ltd.	DOIIGS IIO.4 /	July 21, 2021	AAT	
Electric Power Development Co.,	Bonds no.47	July 21, 2022	AA+	
Ltd. Electric Power Development Co.,		,		
Ltd.	Bonds no.47	July 27, 2023	AA+	
Liu.				I .



Issuer Name	Issue Name	Publication Date	Rating	Outlook/Direction
Electric Power Development Co.,	Bonds no.48	April 7, 2017	AA+	
Ltd.	Bolids 110.40	71pm 7, 2017	7.07.1	
Electric Power Development Co., Ltd.	Bonds no.48	July 3, 2017	AA+	
Electric Power Development Co.,	D 1 10			
Ltd.	Bonds no.48	June 22, 2018	AA+	
Electric Power Development Co., Ltd.	Bonds no.48	July 2, 2019	AA+	
Electric Power Development Co., Ltd.	Bonds no.48	July 20, 2020	AA+	
Electric Power Development Co.,	Bonds no.48	July 21, 2021	AA+	
Ltd.		3		
Electric Power Development Co., Ltd.	Bonds no.48	July 21, 2022	AA+	
Electric Power Development Co., Ltd.	Bonds no.48	July 27, 2023	AA+	
Electric Power Development Co., Ltd.	Bonds no.49	May 12, 2017	AA+	
Electric Power Development Co.,	Bonds no.49	July 3, 2017	AA+	
Ltd. Electric Power Development Co.,	Bonds no.49	June 22, 2018	AA+	
Ltd.	Bondo no. 19	vane 22, 2010		
Electric Power Development Co., Ltd.	Bonds no.49	July 2, 2019	AA+	
Electric Power Development Co., Ltd.	Bonds no.49	July 20, 2020	AA+	
Electric Power Development Co., Ltd.	Bonds no.49	July 21, 2021	AA+	
Electric Power Development Co., Ltd.	Bonds no.49	July 21, 2022	AA+	
Electric Power Development Co.,	Bonds no.49	July 27, 2023	AA+	
Ltd. Electric Power Development Co.,	Bonds no.50	•		
Ltd.	Bolids 110.30	July 12, 2017	AA+	
Electric Power Development Co., Ltd.	Bonds no.50	June 22, 2018	AA+	
Electric Power Development Co., Ltd.	Bonds no.50	July 2, 2019	AA+	
Electric Power Development Co., Ltd.	Bonds no.50	July 20, 2020	AA+	
Electric Power Development Co., Ltd.	Bonds no.50	July 21, 2021	AA+	
Electric Power Development Co.,	D 1 50	* * * * * * * * * * * * * * * * * * * *		
Ltd.	Bonds no.50	July 21, 2022	AA+	
Electric Power Development Co., Ltd.	Bonds no.50	July 27, 2023	AA+	
Electric Power Development Co., Ltd.	Bonds no.51	July 12, 2017	AA+	
Electric Power Development Co., Ltd.	Bonds no.51	June 22, 2018	AA+	
Electric Power Development Co., Ltd.	Bonds no.51	July 2, 2019	AA+	
Electric Power Development Co.,	Bonds no.51	July 20, 2020	AA+	
Ltd. Electric Power Development Co.,				
Ltd.	Bonds no.51	July 21, 2021	AA+	
Electric Power Development Co., Ltd.	Bonds no.51	July 21, 2022	AA+	
3				



Issuer Name	Issue Name	Publication Date	Rating	Outlook/Direction
Electric Power Development Co.,	Bonds no.51	July 27, 2023	AA+	
Ltd.	Bolids 110.5 1	July 27, 2023	701	
Electric Power Development Co., Ltd.	Bonds no.52	September 6, 2017	AA+	
Electric Power Development Co.,				
Ltd.	Bonds no.52	June 22, 2018	AA+	
Electric Power Development Co., Ltd.	Bonds no.52	July 2, 2019	AA+	
Electric Power Development Co., Ltd.	Bonds no.52	July 20, 2020	AA+	
Electric Power Development Co.,	Bonds no.52	July 21, 2021	AA+	
Ltd. Electric Power Development Co.,				
Ltd.	Bonds no.52	July 21, 2022	AA+	
Electric Power Development Co.,	Dan Jama 52	L-1 27 2022	<b>A A</b> 1	
Ltd.	Bonds no.52	July 27, 2023	AA+	
Electric Power Development Co., Ltd.	Bonds no.53	October 6, 2017	AA+	
Electric Power Development Co.,	Bonds no.53	June 22, 2018	AA+	
Ltd.	Bollas lio.33	3 tille 22, 2010	7171	
Electric Power Development Co., Ltd.	Bonds no.53	July 2, 2019	AA+	
Electric Power Development Co.,				
Ltd.	Bonds no.53	July 20, 2020	AA+	
Electric Power Development Co.,	D 1 52	I 1 21 2021		
Ltd.	Bonds no.53	July 21, 2021	AA+	
Electric Power Development Co., Ltd.	Bonds no.53	July 21, 2022	AA+	
Electric Power Development Co.,	D 1 52	1.1.27.2022	A A 1	
Ltd.	Bonds no.53	July 27, 2023	AA+	
Electric Power Development Co.,	Bonds no.54	November 9, 2017	AA+	
Ltd.				
Electric Power Development Co.,	Bonds no.54	June 22, 2018	AA+	
Ltd. Electric Power Development Co.,				
Ltd.	Bonds no.54	July 2, 2019	AA+	
Electric Power Development Co.,	Bonds no.54	Into 20, 2020	A A 1	
Ltd.	Bonds no.34	July 20, 2020	AA+	
Electric Power Development Co.,	Bonds no.54	July 21, 2021	AA+	
Ltd.		3 , 1		
Electric Power Development Co., Ltd.	Bonds no.54	July 21, 2022	AA+	
Electric Power Development Co.,				
Ltd.	Bonds no.54	July 27, 2023	AA+	
Electric Power Development Co.,	Bonds no.55	May 17, 2019	Λ Λ ⊥	
Ltd.	Bonds no.33	May 17, 2018	AA+	
Electric Power Development Co., Ltd.	Bonds no.55	June 22, 2018	AA+	
Electric Power Development Co.,	D 1 55	I 1 2 2010		
Ltd.	Bonds no.55	July 2, 2019	AA+	
Electric Power Development Co.,	Bonds no.55	July 20, 2020	AA+	
Ltd.		2 3.2 20, 2020		
Electric Power Development Co., Ltd.	Bonds no.55	July 21, 2021	AA+	
Electric Power Development Co.,				
Ltd.	Bonds no.55	July 21, 2022	AA+	
Electric Power Development Co.,	Bonds no.55	July 27, 2023	AA+	
Ltd.		, ,, , ===		



Issuer Name	Issue Name	Publication Date	Rating	Outlook/Direction
Electric Power Development Co.,	Bonds no.56	May 17, 2018	AA+	
Ltd.	Bolids 110.50	Wlay 17, 2016	AA	
Electric Power Development Co.,	Bonds no.56	June 22, 2018	AA+	
Ltd. Electric Power Development Co.,				
Ltd.	Bonds no.56	July 2, 2019	AA+	
Electric Power Development Co.,	_			
Ltd.	Bonds no.56	July 20, 2020	AA+	
Electric Power Development Co.,	Bonds no.56	I.d. 21 2021	A A 1	
Ltd.	Bonds no.36	July 21, 2021	AA+	
Electric Power Development Co.,	Bonds no.56	July 21, 2022	AA+	
Ltd.	Bolids 110.50	July 21, 2022	7171	
Electric Power Development Co.,	Bonds no.56	July 27, 2023	AA+	
Ltd.		<b>3</b> 1,7 1 1		
Electric Power Development Co.,	Bonds no.57	July 5, 2018	AA+	
Ltd. Electric Power Development Co.,		,		
Ltd.	Bonds no.57	July 2, 2019	AA+	
Electric Power Development Co.,				
Ltd.	Bonds no.57	July 20, 2020	AA+	
Electric Power Development Co.,				
Ltd.	Bonds no.57	July 21, 2021	AA+	
Electric Power Development Co.,	D 1 45	X 1 21 2022		
Ltd.	Bonds no.57	July 21, 2022	AA+	
Electric Power Development Co.,	D 1 57	1.1.27.2022	A A 1	
Ltd.	Bonds no.57	July 27, 2023	AA+	
Electric Power Development Co.,	Bonds no.58	July 5, 2018	AA+	
Ltd.	Bolids 110.38	July 3, 2016	AA	
Electric Power Development Co.,	Bonds no.58	July 2, 2019	AA+	
Ltd.	Bonus nois o	oury 2, 2019	7111	
Electric Power Development Co.,	Bonds no.58	July 20, 2020	AA+	
Ltd.		•		
Electric Power Development Co.,	Bonds no.58	July 21, 2021	AA+	
Ltd. Electric Power Development Co.,				
Ltd.	Bonds no.58	July 21, 2022	AA+	
Electric Power Development Co.,				
Ltd.	Bonds no.58	July 27, 2023	AA+	
Electric Power Development Co.,	D 1 50	G . 1 . 12 . 2010		
Ltd.	Bonds no.59	September 12, 2018	AA+	
Electric Power Development Co.,	Bonds no.59	Inl. 2 2010	A A 1	
Ltd.	Bolids 110.39	July 2, 2019	AA+	
Electric Power Development Co.,	Bonds no.59	July 20, 2020	AA+	
Ltd.	Bolida 110.37	3 dry 20, 2020	7.17.1	
Electric Power Development Co.,	Bonds no.59	July 21, 2021	AA+	
Ltd.		3 , 1		
Electric Power Development Co.,	Bonds no.59	July 21, 2022	AA+	
Ltd. Electric Power Development Co.,				
Ltd.	Bonds no.59	July 27, 2023	AA+	
Electric Power Development Co.,				
Ltd.	Bonds no.60	September 12, 2018	AA+	
Electric Power Development Co.,	D 1 60	T 1 2 2010		
Ltd.	Bonds no.60	July 2, 2019	AA+	
Electric Power Development Co.,	Danda no 60	1	A A 1	
Ltd.	Bonds no.60	July 20, 2020	AA+	
Electric Power Development Co.,	Bonds no.60	July 21, 2021	AA+	
Ltd.	201140 110.00	July 21, 2021	2 1/ 1 ·	



Issuer Name	Issue Name	Publication Date	Rating	Outlook/Direction
Electric Power Development Co.,	Bonds no.60	July 21, 2022	AA+	
Ltd. Electric Power Development Co.,				
Ltd.	Bonds no.60	July 27, 2023	AA+	
Electric Power Development Co.,	Bonds no.61	October 5, 2018	AA+	
Ltd. Electric Power Development Co.,				
Ltd.	Bonds no.61	July 2, 2019	AA+	
Electric Power Development Co.,	Bonds no.61	July 20, 2020	AA+	
Ltd. Electric Power Development Co.,				
Ltd.	Bonds no.61	July 21, 2021	AA+	
Electric Power Development Co.,	Bonds no.61	July 21, 2022	AA+	
Ltd. Electric Power Development Co.,		-		
Ltd.	Bonds no.61	July 27, 2023	AA+	
Electric Power Development Co.,	Bonds no.62	October 17, 2018	AA+	
Ltd. Electric Power Development Co.,				
Ltd.	Bonds no.62	July 2, 2019	AA+	
Electric Power Development Co.,	Bonds no.62	July 20, 2020	AA+	
Ltd. Electric Power Development Co.,				
Ltd.	Bonds no.62	July 21, 2021	AA+	
Electric Power Development Co.,	Bonds no.62	July 21, 2022	AA+	
Ltd. Electric Power Development Co.,				
Ltd.	Bonds no.62	July 27, 2023	AA+	
Electric Power Development Co.,	Bonds no.63	November 22, 2018	AA+	
Ltd. Electric Power Development Co.,				
Ltd.	Bonds no.63	July 2, 2019	AA+	
Electric Power Development Co.,	Bonds no.63	July 20, 2020	AA+	
Ltd. Electric Power Development Co.,				
Ltd.	Bonds no.63	July 21, 2021	AA+	
Electric Power Development Co.,	Bonds no.63	July 21, 2022	AA+	
Ltd. Electric Power Development Co.,				
Ltd.	Bonds no.63	July 27, 2023	AA+	
Electric Power Development Co.,	Bonds no.64	April 4, 2019	AA+	
Ltd. Electric Power Development Co.,		1		
Ltd.	Bonds no.64	July 2, 2019	AA+	
Electric Power Development Co.,	Bonds no.64	July 20, 2020	AA+	
Ltd. Electric Power Development Co.,				
Ltd.	Bonds no.64	July 21, 2021	AA+	
Electric Power Development Co.,	Bonds no.64	July 21, 2022	AA+	
Ltd. Electric Power Development Co.,				
Ltd.	Bonds no.64	July 27, 2023	AA+	
Electric Power Development Co.,	Bonds no.65	April 4, 2019	AA+	
Ltd. Electric Power Development Co.,		_		
Ltd.	Bonds no.65	July 2, 2019	AA+	
Electric Power Development Co.,	Bonds no.65	July 20, 2020	AA+	
Ltd.		- 3.1, 20, 2020		



Issuer Name	Issue Name	Publication Date	Rating	Outlook/Direction
Electric Power Development Co.,	Bonds no.65	July 21, 2021	AA+	
Ltd.	Bolids 110.03	July 21, 2021	7171	
Electric Power Development Co., Ltd.	Bonds no.65	July 21, 2022	AA+	
Electric Power Development Co.,				
Ltd.	Bonds no.65	July 27, 2023	AA+	
Electric Power Development Co., Ltd.	Bonds no.66	April 17, 2019	AA+	
Electric Power Development Co., Ltd.	Bonds no.66	July 2, 2019	AA+	
Electric Power Development Co.,	Bonds no.66	July 20, 2020	AA+	
Ltd.		3		
Electric Power Development Co., Ltd.	Bonds no.66	July 21, 2021	AA+	
Electric Power Development Co., Ltd.	Bonds no.66	July 21, 2022	AA+	
Electric Power Development Co., Ltd.	Bonds no.66	July 27, 2023	AA+	
Electric Power Development Co.,	Bonds no.67	August 30, 2019	AA+	
Ltd. Electric Power Development Co.,	Bonds no.67	July 20, 2020	AA+	
Ltd.	Bolids 110.07	July 20, 2020	AA '	
Electric Power Development Co., Ltd.	Bonds no.67	July 21, 2021	AA+	
Electric Power Development Co., Ltd.	Bonds no.67	July 21, 2022	AA+	
Electric Power Development Co., Ltd.	Bonds no.67	July 27, 2023	AA+	
Electric Power Development Co.,	Bonds no.68	August 30, 2019	AA+	
Ltd. Electric Power Development Co.,	Bonds no.68	July 20, 2020	AA+	
Ltd.	Bolids 110.00	July 20, 2020	AA	
Electric Power Development Co., Ltd.	Bonds no.68	July 21, 2021	AA+	
Electric Power Development Co., Ltd.	Bonds no.68	July 21, 2022	AA+	
Electric Power Development Co., Ltd.	Bonds no.68	July 27, 2023	AA+	
Electric Power Development Co., Ltd.	Bonds no.69	October 3, 2019	AA+	
Electric Power Development Co.,	Bonds no.69	July 20, 2020	AA+	
Ltd. Electric Power Development Co.,				
Ltd.	Bonds no.69	July 21, 2021	AA+	
Electric Power Development Co., Ltd.	Bonds no.69	July 21, 2022	AA+	
Electric Power Development Co., Ltd.	Bonds no.69	July 27, 2023	AA+	
Electric Power Development Co., Ltd.	Bonds no.70	May 29, 2020	AA+	
Electric Power Development Co.,	Bonds no.70	July 20, 2020	AA+	
Ltd. Electric Power Development Co.,		-		
Ltd.	Bonds no.70	July 21, 2021	AA+	
Electric Power Development Co., Ltd.	Bonds no.70	July 21, 2022	AA+	
Electric Power Development Co., Ltd.	Bonds no.70	July 27, 2023	AA+	
	1			



Issuer Name	Issue Name	Publication Date	Rating	Outlook/Direction
Electric Power Development Co.,	Bonds no.71	May 29, 2020	AA+	
Ltd.	Bolids IIo. / I	Willy 23, 2020	7121	
Electric Power Development Co., Ltd.	Bonds no.71	July 20, 2020	AA+	
Electric Power Development Co.,				
Ltd.	Bonds no.71	July 21, 2021	AA+	
Electric Power Development Co.,	Bonds no.71	July 21, 2022	AA+	
Ltd.	20140 1101, 1	0 01 / 2 1 , 2 0 2 2		
Electric Power Development Co., Ltd.	Bonds no.71	July 27, 2023	AA+	
Electric Power Development Co.,				
Ltd.	Bonds no.72	January 15, 2021	AA+	
Electric Power Development Co.,	Bonds no.72	July 21, 2021	AA+	
Ltd.	Bolius IIO. / 2	July 21, 2021	ΑΛ '	
Electric Power Development Co.,	Bonds no.72	July 21, 2022	AA+	
Ltd. Electric Power Development Co.,		•		
Ltd.	Bonds no.72	July 27, 2023	AA+	
Electric Power Development Co.,	D 1 72	36 14 2021		
Ltd.	Bonds no.73	May 14, 2021	AA+	
Electric Power Development Co.,	Bonds no.73	July 21, 2021	AA+	
Ltd.	Bollas holys	0 417 21, 2021	1111	
Electric Power Development Co., Ltd.	Bonds no.73	July 21, 2022	AA+	
Electric Power Development Co.,				
Ltd.	Bonds no.73	July 27, 2023	AA+	
Electric Power Development Co.,	Bonds no.74	May 14, 2021	AA+	
Ltd.	Bolids IIO. / 4	Way 14, 2021	AA⊤	
Electric Power Development Co.,	Bonds no.74	July 21, 2021	AA+	
Ltd. Electric Power Development Co.,		3		
Ltd.	Bonds no.74	July 21, 2022	AA+	
Electric Power Development Co.,	5 1 51	X 1 27 2022		
Ltd.	Bonds no.74	July 27, 2023	AA+	
Electric Power Development Co.,	Bonds no.75	October 15, 2021	AA+	
Ltd.	Zonas norre	300000 10, 2021		
Electric Power Development Co., Ltd.	Bonds no.75	July 21, 2022	AA+	
Electric Power Development Co.,				
Ltd.	Bonds no.75	July 27, 2023	AA+	
Electric Power Development Co.,	Bonds no.76	January 14, 2022	AA+	
Ltd.	Bollus IIO. / U	January 14, 2022	AA I	
Electric Power Development Co.,	Bonds no.76	July 21, 2022	AA+	
Ltd. Electric Power Development Co.,		-		
Ltd.	Bonds no.76	July 27, 2023	AA+	
Electric Power Development Co.,	D 1 77	M 20 2022	A A 1	
Ltd.	Bonds no.77	May 20, 2022	AA+	
Electric Power Development Co.,	Bonds no.77	July 21, 2022	AA+	
Ltd.		J,		
Electric Power Development Co., Ltd.	Bonds no.77	July 27, 2023	AA+	
Electric Power Development Co.,	D 1 50			
Ltd.	Bonds no.78	May 20, 2022	AA+	
Electric Power Development Co.,	Bonds no.78	July 21, 2022	AA+	
Ltd.	Donus no. / o	July 21, 2022	1 <b>1</b> /1	
Electric Power Development Co.,	Bonds no.78	July 27, 2023	AA+	
Ltd.		_		



Issuer Name	Issue Name	Publication Date	Rating	Outlook/Direction
Electric Power Development Co., Ltd.	Bonds no.79	July 6, 2022	AA+	
Electric Power Development Co., Ltd.	Bonds no.79	July 21, 2022	AA+	
Electric Power Development Co., Ltd.	Bonds no.79	July 27, 2023	AA+	
Electric Power Development Co., Ltd.	Bonds no.80	August 10, 2022	AA+	
Electric Power Development Co., Ltd.	Bonds no.80	July 27, 2023	AA+	
Electric Power Development Co., Ltd.	Bonds no.81	August 10, 2022	AA+	
Electric Power Development Co., Ltd.	Bonds no.81	July 27, 2023	AA+	
Electric Power Development Co., Ltd.	Bonds no.82	November 11, 2022	AA+	
Electric Power Development Co., Ltd.	Bonds no.82	July 27, 2023	AA+	
Electric Power Development Co., Ltd.	Bonds no.83	December 1, 2022	AA+	
Electric Power Development Co., Ltd.	Bonds no.83	July 27, 2023	AA+	
Electric Power Development Co., Ltd.	Bonds no.84	February 10, 2023	AA+	
Electric Power Development Co., Ltd.	Bonds no.84	July 27, 2023	AA+	
Electric Power Development Co., Ltd.	Bonds no.85	March 9, 2023	AA+	
Electric Power Development Co., Ltd.	Bonds no.85	July 27, 2023	AA+	
Electric Power Development Co., Ltd.	Bonds no.86	May 24, 2023	AA+	
Electric Power Development Co., Ltd.	Bonds no.86	July 27, 2023	AA+	
Electric Power Development Co., Ltd.	Bonds no.87	February 9, 2024	AA+	
Electric Power Development Co., Ltd.	Bonds no.88	February 9, 2024	AA+	
Electric Power Development Co., Ltd.	Bonds no.89	April 4, 2024	AA+	

#### 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.

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Mikiya Kubota

General Manager of Corporate Rating Department I



#### INFORMATION DISCLOSURE FORM

Japan Credit Rating Agency, Ltd.

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

Issuer:	The Kansai Electric Power Company, Incorporated The Chugoku Electric Power Company, Incorporated
Rating Publication Date:	July 29, 2024

- 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. If the credit rating is a private rating, please see the report for private rating.
- 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. If the credit rating is a private rating, please see the report for private rating.
- 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.
- 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.
- 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.
- The Types of Data Relied Upon for the Purpose of Determining the Credit Rating as Required by Paragraph (a)(1)(ii)(H) of Rule17g-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)(l) 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 warranty made by the issuer, the publication by the issuer, 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.
  - · If the credit rating is an Indication, please see the report for Indication.

#### 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 received 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 public or private 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.

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/

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.

 $14 \left[\begin{array}{c} \text{Information on the Representations, Warranties, and Enforcement Mechanisms of an Asset-backed Security as Required by Paragraph (a)(1)(ii)(N) of rule 17g-7 \end{array}\right.$ 

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

Japan Credit Rating Agency, Ltd.
Jiji Press Building, 5-15-8 Ginza, Chuo-ku, Tokyo 104-0061, Japan
Tel. +81 3 3544 7013, Fax. +81 3 3544 7026



Issuer Name	Issue Name	Publication Date	Rating	Outlook/Direction
The Kansai Electric Power	Issuer(Long-term)	April 17, 2006	AAA	Negative
Company, Incorporated The Kansai Electric Power	, ,	-		
Company, Incorporated	Issuer(Long-term)	August 29, 2006	AAA	Stable
The Kansai Electric Power	Issuer(Long-term)	April 17, 2007	AAA	Stable
Company, Incorporated	issuer(Long-term)	April 17, 2007	AAA	Stable
The Kansai Electric Power	Issuer(Long-term)	April 24, 2008	AAA	Stable
Company, Incorporated The Kansai Electric Power	, ,	-		
Company, Incorporated	Issuer(Long-term)	April 27, 2009	AAA	Stable
The Kansai Electric Power	Issuer(Long-term)	April 27, 2010	AAA	Stable
Company, Incorporated	issuer(Long-term)	April 27, 2010	AAA	Stable
The Kansai Electric Power	Issuer(Long-term)	June 6, 2011	AAA	Negative
Company, Incorporated The Kansai Electric Power	, ,			
Company, Incorporated	Issuer(Long-term)	September 22, 2011	AA+	Negative
The Kansai Electric Power	Issuar(I ong torm)	June 19, 2012	AA	Negative
Company, Incorporated	Issuer(Long-term)	Julie 19, 2012	AA	Negative
The Kansai Electric Power	Issuer(Long-term)	July 25, 2013	AA-	Negative
Company, Incorporated The Kansai Electric Power	, ,	•		
Company, Incorporated	Issuer(Long-term)	August 28, 2014	AA-	Negative
The Kansai Electric Power	Issuan(I on a town)	August 25, 2015	AA-	Nagativa
Company, Incorporated	Issuer(Long-term)	August 25, 2015	AA-	Negative
The Kansai Electric Power	Issuer(Long-term)	June 29, 2016	AA-	Negative
Company, Incorporated The Kansai Electric Power	, ,	·		2
Company, Incorporated	Issuer(Long-term)	July 3, 2017	AA-	Stable
The Kansai Electric Power	I and the second	I 22 2010	A A	C4.1.1.
Company, Incorporated	Issuer(Long-term)	June 22, 2018	AA-	Stable
The Kansai Electric Power	Issuer(Long-term)	July 2, 2019	AA-	Positive
Company, Incorporated The Kansai Electric Power	, ,	• .		
Company, Incorporated	Issuer(Long-term)	July 20, 2020	AA-	Positive
The Kansai Electric Power	Issuer(Long-term)	July 21, 2021	AA	Stable
Company, Incorporated	issuer(Long-term)	July 21, 2021	AA	Stable
The Kansai Electric Power	Issuer(Long-term)	July 21, 2022	AA	Stable
Company, Incorporated The Kansai Electric Power				
Company, Incorporated	Issuer(Long-term)	July 27, 2023	AA	Stable
The Kansai Electric Power	СР	December 26, 1990	J-1	
Company, Incorporated The Kansai Electric Power	Ci	December 20, 1990	J 1	
Company, Incorporated	CP	April 17, 1996	J-1+	
The Kansai Electric Power	GP.	T = 1000	- 4 .	
Company, Incorporated	СР	June 7, 1999	J-1+	
The Kansai Electric Power	СР	March 14, 2000	J-1+	
Company, Incorporated The Kansai Electric Power		17141011 1 1, 2000	<b>U</b> 1 ·	
Company, Incorporated	CP	June 21, 2000	J-1+	
The Kansai Electric Power	GP.	1.6 1.15 2001	T 1.	
Company, Incorporated	СР	March 15, 2001	J-1+	
The Kansai Electric Power	СР	March 8, 2002	J-1+	
Company, Incorporated The Kansai Electric Power		0, 2002	=	
Company, Incorporated	CP	May 15, 2002	J-1+	
The Kansai Electric Power	CD	A	т 1 -	
Company, Incorporated	СР	April 1, 2003	J-1+	
The Kansai Electric Power	СР	April 15, 2004	J-1+	
Company, Incorporated			-	



Issuer Name	Issue Name	Publication Date	Rating	Outlook/Direction
The Kansai Electric Power	СР	April 15, 2005	J-1+	
Company, Incorporated		7 pm 13, 2003	<b>3</b> 1 ·	
The Kansai Electric Power Company, Incorporated	CP	April 17, 2006	J-1+	
The Kansai Electric Power	C.P.		T 1.	
Company, Incorporated	CP	April 17, 2007	J-1+	
The Kansai Electric Power	СР	April 24, 2008	J-1+	
Company, Incorporated The Kansai Electric Power		119111 2 1, 2000		
	CP	April 27, 2009	J-1+	
Company, Incorporated The Kansai Electric Power				
Company, Incorporated	CP	April 27, 2010	J-1+	
The Kansai Electric Power	СР	June 6, 2011	J-1+	
Company, Incorporated	CP	June 6, 2011	J-1+	
The Kansai Electric Power	СР	September 22, 2011	J-1+	
Company, Incorporated The Kansai Electric Power	<u> </u>			
Company, Incorporated	CP	June 7, 2012	J-1+	
The Kansai Electric Power				
Company, Incorporated	CP	June 19, 2012	J-1+	
The Kansai Electric Power	CD	I1 25 2012	т 1 .	
Company, Incorporated	СР	July 25, 2013	J-1+	
The Kansai Electric Power	СР	August 28, 2014	J-1+	
Company, Incorporated		1148450 20, 2011	0 1	
The Kansai Electric Power	CP	August 25, 2015	J-1+	
Company, Incorporated The Kansai Electric Power		_		
Company, Incorporated	CP	June 1, 2016	J-1+	
The Kansai Electric Power		7 00 0016	- 4	
Company, Incorporated	CP	June 29, 2016	J-1+	
The Kansai Electric Power	СР	July 3, 2017	J-1+	
Company, Incorporated	CI	July 3, 2017	J-1 '	
The Kansai Electric Power	СР	June 22, 2018	J-1+	
Company, Incorporated The Kansai Electric Power		,		
Company, Incorporated	CP	April 19, 2019	J-1+	
The Kansai Electric Power				
Company, Incorporated	CP	July 2, 2019	J-1+	
The Kansai Electric Power	СР	July 20, 2020	J-1+	
Company, Incorporated	CI	July 20, 2020	J-1 '	
The Kansai Electric Power	СР	June 4, 2021	J-1+	
Company, Incorporated The Kansai Electric Power		,		
Company, Incorporated	CP	July 21, 2021	J-1+	
The Kansai Electric Power				
Company, Incorporated	CP	July 21, 2022	J-1+	
The Kansai Electric Power	СР	August 2, 2022	J-1+	
Company, Incorporated	Cr	August 3, 2022	J-1+	
The Kansai Electric Power	СР	July 27, 2023	J-1+	
Company, Incorporated The Kansai Electric Power		, ,		
Company, Incorporated	Shelf Registration	August 8, 2022	AA	
The Kansai Electric Power				
Company, Incorporated	Shelf Registration	July 27, 2023	AA	
The Kansai Electric Power	Bonds no.496	Fahmam, 20, 2015	AA-	
Company, Incorporated	Dollus IIO.470	February 20, 2015	AA-	
The Kansai Electric Power	Bonds no.496	August 25, 2015	AA-	
Company, Incorporated The Kansai Electric Power		11.5.50 20, 2010		
	Bonds no.496	June 29, 2016	AA-	
Company, Incorporated				



Issuer Name	Issue Name	Publication Date	Rating	Outlook/Direction
The Kansai Electric Power	Bonds no.496	July 3, 2017	AA-	
Company, Incorporated The Kansai Electric Power		<b>3</b> - , - · ·		
Company, Incorporated	Bonds no.496	June 22, 2018	AA-	
The Kansai Electric Power	D 1 406	I 1 2 2010		
Company, Incorporated	Bonds no.496	July 2, 2019	AA-	
The Kansai Electric Power	Bonds no.496	July 20, 2020	AA-	
Company, Incorporated The Kansai Electric Power		,		
Company, Incorporated	Bonds no.496	July 21, 2021	AA	
The Kansai Electric Power	D 1 406	T 1 21 2022		
Company, Incorporated	Bonds no.496	July 21, 2022	AA	
The Kansai Electric Power	Bonds no.496	July 27, 2023	AA	
Company, Incorporated The Kansai Electric Power		<b>,</b> , , , , ,		
Company, Incorporated	Bonds no.497	June 12, 2015	AA-	
The Kansai Electric Power	D 1 407	4 25 2015		
Company, Incorporated	Bonds no.497	August 25, 2015	AA-	
The Kansai Electric Power	Bonds no.497	June 29, 2016	AA-	
Company, Incorporated The Kansai Electric Power				
Company, Incorporated	Bonds no.497	July 3, 2017	AA-	
The Kansai Electric Power	D 1 407	1 22 2010		
Company, Incorporated	Bonds no.497	June 22, 2018	AA-	
The Kansai Electric Power	Bonds no.497	July 2, 2019	AA-	
Company, Incorporated The Kansai Electric Power				
Company, Incorporated	Bonds no.497	July 20, 2020	AA-	
The Kansai Electric Power	D 1 407	T 1 21 2021		
Company, Incorporated	Bonds no.497	July 21, 2021	AA	
The Kansai Electric Power	Bonds no.497	July 21, 2022	AA	
Company, Incorporated The Kansai Electric Power		, , ,		
Company, Incorporated	Bonds no.497	July 27, 2023	AA	
The Kansai Electric Power	D 1 400	I 20 2016		
Company, Incorporated	Bonds no.499	January 20, 2016	AA-	
The Kansai Electric Power	Bonds no.499	June 29, 2016	AA-	
Company, Incorporated The Kansai Electric Power				
Company, Incorporated	Bonds no.499	July 3, 2017	AA-	
The Kansai Electric Power	D 1 400	1 22 2010		
Company, Incorporated	Bonds no.499	June 22, 2018	AA-	
The Kansai Electric Power	Bonds no.499	July 2, 2019	AA-	
Company, Incorporated The Kansai Electric Power		3		
Company, Incorporated	Bonds no.499	July 20, 2020	AA-	
The Kansai Electric Power	Bonds no.499	I1 21 2021	A A	
Company, Incorporated	Bonds no.499	July 21, 2021	AA	
The Kansai Electric Power	Bonds no.499	July 21, 2022	AA	
Company, Incorporated The Kansai Electric Power		,		
Company, Incorporated	Bonds no.499	July 27, 2023	AA	
The Kansai Electric Power	Panda na 500	March 2 2016	Α Λ	
Company, Incorporated	Bonds no.500	March 2, 2016	AA-	
The Kansai Electric Power	Bonds no.500	June 29, 2016	AA-	
Company, Incorporated The Kansai Electric Power		,		
Company, Incorporated	Bonds no.500	July 3, 2017	AA-	
The Kansai Electric Power	Bonds no.500	June 22, 2018	AA-	
Company, Incorporated	Dollas 110.500	Julie 22, 2018	AA-	



Issuer Name	Issue Name	Publication Date	Rating	Outlook/Direction
The Kansai Electric Power	Bonds no.500	July 2, 2019	AA-	
Company, Incorporated The Kansai Electric Power		<b>,</b> ,		
Company, Incorporated	Bonds no.500	July 20, 2020	AA-	
The Kansai Electric Power	Bonds no.500	July 21, 2021	AA	
Company, Incorporated	Bolius IIo.500	July 21, 2021	ЛЛ	
The Kansai Electric Power Company, Incorporated	Bonds no.500	July 21, 2022	AA	
The Kansai Electric Power	D 1 500	1 1 27 2022		
Company, Incorporated	Bonds no.500	July 27, 2023	AA	
The Kansai Electric Power	Bonds no.502	May 25 2016	AA-	
Company, Incorporated	Bonds no.302	May 25, 2016	AA-	
The Kansai Electric Power	Bonds no.502	June 29, 2016	AA-	
Company, Incorporated The Kansai Electric Power		·		
Company, Incorporated	Bonds no.502	July 3, 2017	AA-	
The Kansai Electric Power	Bonds no.502	June 22, 2019	AA-	
Company, Incorporated	Bonds no.302	June 22, 2018	AA-	
The Kansai Electric Power	Bonds no.502	July 2, 2019	AA-	
Company, Incorporated	Bolius IIO.302	July 2, 2019	ΛΛ-	
The Kansai Electric Power	Bonds no.502	July 20, 2020	AA-	
Company, Incorporated	Bonds 110.3 02	July 20, 2020	7 17 1	
The Kansai Electric Power	Bonds no.502	July 21, 2021	AA	
Company, Incorporated The Kansai Electric Power		,		
	Bonds no.502	July 21, 2022	AA	
Company, Incorporated The Kansai Electric Power				
Company, Incorporated	Bonds no.502	July 27, 2023	AA	
The Kansai Electric Power				
Company, Incorporated	Bonds no.503	May 25, 2016	AA-	
The Kansai Electric Power				
Company, Incorporated	Bonds no.503	June 29, 2016	AA-	
The Kansai Electric Power	D 1 503	T 1 2 2017		
Company, Incorporated	Bonds no.503	July 3, 2017	AA-	
The Kansai Electric Power	Bonds no.503	June 22, 2019	AA-	
Company, Incorporated	Bonds no.303	June 22, 2018	AA-	
The Kansai Electric Power	Bonds no.503	July 2, 2019	AA-	
Company, Incorporated	Bolius II0.303	July 2, 2019	ΛΛ-	
The Kansai Electric Power	Bonds no.503	July 20, 2020	AA-	
Company, Incorporated		101, 20, 2020		
The Kansai Electric Power	Bonds no.503	July 21, 2021	AA	
Company, Incorporated The Kansai Electric Power		, ,		
	Bonds no.503	July 21, 2022	AA	
Company, Incorporated The Kansai Electric Power				
Company, Incorporated	Bonds no.503	July 27, 2023	AA	
The Kansai Electric Power				
Company, Incorporated	Bonds no.504	July 15, 2016	AA-	
The Kansai Electric Power	D 1 504	T 1 2 2015		
Company, Incorporated	Bonds no.504	July 3, 2017	AA-	
The Kansai Electric Power	Bonds no.504	Ive - 22 2010	A A	
Company, Incorporated	Donas no.304	June 22, 2018	AA-	
The Kansai Electric Power	Bonds no.504	July 2, 2019	AA-	
Company, Incorporated	201143 110.207	July 2, 2019	<b>лл</b> -	
The Kansai Electric Power	Bonds no.504	July 20, 2020	AA-	
Company, Incorporated		J = 0, = 0 = 0	*	
The Kansai Electric Power	Bonds no.504	July 21, 2021	AA	
Company, Incorporated The Kansai Electric Power		, ,		
	Bonds no.504	July 21, 2022	AA	
Company, Incorporated				



Issuer Name	Issue Name	Publication Date	Rating	Outlook/Direction
The Kansai Electric Power	Bonds no.504	July 27, 2023	AA	
Company, Incorporated The Kansai Electric Power		<b>,</b> , , , , ,		
Company, Incorporated	Bonds no.506	October 20, 2016	AA-	
The Kansai Electric Power	D	L.I. 2 2017	A A	
Company, Incorporated	Bonds no.506	July 3, 2017	AA-	
The Kansai Electric Power	Bonds no.506	June 22, 2018	AA-	
Company, Incorporated The Kansai Electric Power				
Company, Incorporated	Bonds no.506	July 2, 2019	AA-	
The Kansai Electric Power				
Company, Incorporated	Bonds no.506	July 20, 2020	AA-	
The Kansai Electric Power	D 1 506	T 1 21 2021		
Company, Incorporated	Bonds no.506	July 21, 2021	AA	
The Kansai Electric Power	Bonds no.506	July 21, 2022	AA	
Company, Incorporated	Donus no.500	July 21, 2022	ПП	
The Kansai Electric Power	Bonds no.506	July 27, 2023	AA	
Company, Incorporated The Kansai Electric Power		,		
	Bonds no.508	April 12, 2017	AA-	
Company, Incorporated The Kansai Electric Power				
Company, Incorporated	Bonds no.508	July 3, 2017	AA-	
The Kansai Electric Power	D 1 500	T 22 2010		
Company, Incorporated	Bonds no.508	June 22, 2018	AA-	
The Kansai Electric Power	Bonds no.508	July 2, 2019	AA-	
Company, Incorporated	Bollds 110.308	July 2, 2019	AA-	
The Kansai Electric Power	Bonds no.508	July 20, 2020	AA-	
Company, Incorporated	Bolius Ho.300	3 dify 20, 2020	7 17 1	
The Kansai Electric Power	Bonds no.508	July 21, 2021	AA	
Company, Incorporated The Kansai Electric Power		•		
Company, Incorporated	Bonds no.508	July 21, 2022	AA	
The Kansai Electric Power				
Company, Incorporated	Bonds no.508	July 27, 2023	AA	
The Kansai Electric Power	Bonds no.509	May 25, 2017	AA-	
Company, Incorporated	Bonds no.309	May 25, 2017	AA-	
The Kansai Electric Power	Bonds no.509	July 3, 2017	AA-	
Company, Incorporated	Bolius Ho.307	July 3, 2017	7 17 1	
The Kansai Electric Power	Bonds no.509	June 22, 2018	AA-	
Company, Incorporated The Kansai Electric Power				
Company, Incorporated	Bonds no.509	July 2, 2019	AA-	
The Kansai Electric Power		7.1.00.000		
Company, Incorporated	Bonds no.509	July 20, 2020	AA-	
The Kansai Electric Power	Bonds no.509	July 21 2021	AA	
Company, Incorporated	Bonds no.309	July 21, 2021	AA	
The Kansai Electric Power	Bonds no.509	July 21, 2022	AA	
Company, Incorporated	Bolius Heldey	vary 21, 2022		
The Kansai Electric Power	Bonds no.509	July 27, 2023	AA	
Company, Incorporated The Kansai Electric Power				
Company, Incorporated	Bonds no.510	July 14, 2017	AA-	
The Kansai Electric Power	D 1 510			
Company, Incorporated	Bonds no.510	June 22, 2018	AA-	
The Kansai Electric Power	Bonds no.510	I.J. 2 2010	AA-	
Company, Incorporated	Bollus IIO. 310	July 2, 2019	AA-	
The Kansai Electric Power	Bonds no.510	July 20, 2020	AA-	
Company, Incorporated	20145 110.010	541, 20, 2020		
The Kansai Electric Power	Bonds no.510	July 21, 2021	AA	
Company, Incorporated		•		



Issuer Name	Issue Name	Publication Date	Rating	Outlook/Direction
The Kansai Electric Power Company, Incorporated	Bonds no.510	July 21, 2022	AA	
The Kansai Electric Power	Bonds no.510	July 27, 2023	AA	
Company, Incorporated The Kansai Electric Power	Bolids IIo.310	July 27, 2023	AA	
Company, Incorporated	Bonds no.511	September 7, 2017	AA-	
The Kansai Electric Power	Bonds no.511	June 22, 2018	AA-	
Company, Incorporated The Kansai Electric Power	Bonds no.511	July 2, 2019	AA-	
Company, Incorporated The Kansai Electric Power			<i>AA</i> -	
Company, Incorporated	Bonds no.511	July 20, 2020	AA-	
The Kansai Electric Power Company, Incorporated	Bonds no.511	July 21, 2021	AA	
The Kansai Electric Power Company, Incorporated	Bonds no.511	July 21, 2022	AA	
The Kansai Electric Power Company, Incorporated	Bonds no.511	July 27, 2023	AA	
The Kansai Electric Power Company, Incorporated	Bonds no.512	October 20, 2017	AA-	
The Kansai Electric Power Company, Incorporated	Bonds no.512	June 22, 2018	AA-	
The Kansai Electric Power Company, Incorporated	Bonds no.512	July 2, 2019	AA-	
The Kansai Electric Power Company, Incorporated	Bonds no.512	July 20, 2020	AA-	
The Kansai Electric Power	Bonds no.512	July 21, 2021	AA	
Company, Incorporated The Kansai Electric Power	Bonds no.512	July 21, 2022	AA	
Company, Incorporated The Kansai Electric Power				
Company, Incorporated The Kansai Electric Power	Bonds no.512	July 27, 2023	AA	
Company, Incorporated	Bonds no.513	December 8, 2017	AA-	
The Kansai Electric Power Company, Incorporated	Bonds no.513	June 22, 2018	AA-	
The Kansai Electric Power Company, Incorporated	Bonds no.513	July 2, 2019	AA-	
The Kansai Electric Power Company, Incorporated	Bonds no.513	July 20, 2020	AA-	
The Kansai Electric Power Company, Incorporated	Bonds no.513	July 21, 2021	AA	
The Kansai Electric Power Company, Incorporated	Bonds no.513	July 21, 2022	AA	
The Kansai Electric Power Company, Incorporated	Bonds no.513	July 27, 2023	AA	
The Kansai Electric Power Company, Incorporated	Bonds no.515	April 13, 2018	AA-	
The Kansai Electric Power Company, Incorporated	Bonds no.515	June 22, 2018	AA-	
The Kansai Electric Power Company, Incorporated	Bonds no.515	July 2, 2019	AA-	
The Kansai Electric Power Company, Incorporated	Bonds no.515	July 20, 2020	AA-	
The Kansai Electric Power Company, Incorporated	Bonds no.515	July 21, 2021	AA	
The Kansai Electric Power Company, Incorporated	Bonds no.515	July 21, 2022	AA	
The Kansai Electric Power	Bonds no.515	July 27, 2023	AA	
Company, Incorporated				



Issuer Name	Issue Name	Publication Date	Rating	Outlook/Direction
The Kansai Electric Power	Bonds no.516	April 13, 2018	AA-	
Company, Incorporated The Kansai Electric Power		1 ,		
Company, Incorporated	Bonds no.516	June 22, 2018	AA-	
The Kansai Electric Power	D 1 516	I 1 2 2010		
Company, Incorporated	Bonds no.516	July 2, 2019	AA-	
The Kansai Electric Power	Bonds no.516	July 20, 2020	AA-	
Company, Incorporated The Kansai Electric Power	2 6140 11616 116	0017 20, 2020		
Company, Incorporated	Bonds no.516	July 21, 2021	AA	
The Kansai Electric Power				
Company, Incorporated	Bonds no.516	July 21, 2022	AA	
The Kansai Electric Power	Bonds no.516	July 27, 2023	AA	
Company, Incorporated	Bolids 110.510	July 27, 2023	ЛЛ	
The Kansai Electric Power	Bonds no.518	June 8, 2018	AA-	
Company, Incorporated The Kansai Electric Power		,		
Company, Incorporated	Bonds no.518	June 22, 2018	AA-	
The Kansai Electric Power	D 1 510	L-1-2 2010	A A	
Company, Incorporated	Bonds no.518	July 2, 2019	AA-	
The Kansai Electric Power	Bonds no.518	July 20, 2020	AA-	
Company, Incorporated The Kansai Electric Power	2 6140 11616 116	0017 20, 2020		
Company, Incorporated	Bonds no.518	July 21, 2021	AA	
The Kansai Electric Power				
Company, Incorporated	Bonds no.518	July 21, 2022	AA	
The Kansai Electric Power	Bonds no.518	July 27, 2023	AA	
Company, Incorporated	Bolius 110.318	July 27, 2023	AA	
The Kansai Electric Power	Bonds no.520	July 13, 2018	AA-	
Company, Incorporated The Kansai Electric Power				
Company, Incorporated	Bonds no.520	July 2, 2019	AA-	
The Kansai Electric Power	D 1 520	I-1 20, 2020	A A	
Company, Incorporated	Bonds no.520	July 20, 2020	AA-	
The Kansai Electric Power	Bonds no.520	July 21, 2021	AA	
Company, Incorporated		,		
The Kansai Electric Power Company, Incorporated	Bonds no.520	July 21, 2022	AA	
The Kansai Electric Power				
Company, Incorporated	Bonds no.520	July 27, 2023	AA	
The Kansai Electric Power	Bonds no.522	August 31, 2018	AA-	
Company, Incorporated	Bolids 110.322	71ugust 51, 2010	7171	
The Kansai Electric Power	Bonds no.522	July 2, 2019	AA-	
Company, Incorporated The Kansai Electric Power				
Company, Incorporated	Bonds no.522	July 20, 2020	AA-	
The Kansai Electric Power	Bonds no.522	July 21, 2021	AA	
Company, Incorporated	Bolius 110.322	July 21, 2021	AA	
The Kansai Electric Power	Bonds no.522	July 21, 2022	AA	
Company, Incorporated The Kansai Electric Power				
Company, Incorporated	Bonds no.522	July 27, 2023	AA	
The Kansai Electric Power	Danda no 524	0-4-1 5 2010	A A	
Company, Incorporated	Bonds no.524	October 5, 2018	AA-	
The Kansai Electric Power	Bonds no.524	July 2, 2019	AA-	
Company, Incorporated The Kansai Electric Power		J -, 12	-	
Company, Incorporated	Bonds no.524	July 20, 2020	AA-	
The Kansai Electric Power	D 1 524	T 1 01 000		
Company, Incorporated	Bonds no.524	July 21, 2021	AA	



Issuer Name	Issue Name	Publication Date	Rating	Outlook/Direction
The Kansai Electric Power Company, Incorporated	Bonds no.524	July 21, 2022	AA	
The Kansai Electric Power	Bonds no.524	July 27, 2023	AA	
Company, Incorporated The Kansai Electric Power				
Company, Incorporated The Kansai Electric Power	Bonds no.528	April 5, 2019	AA-	
Company, Incorporated	Bonds no.528	July 2, 2019	AA-	
The Kansai Electric Power Company, Incorporated	Bonds no.528	July 20, 2020	AA-	
The Kansai Electric Power	Bonds no.528	July 21, 2021	AA	
Company, Incorporated The Kansai Electric Power				
Company, Incorporated The Kansai Electric Power	Bonds no.528	July 21, 2022	AA	
Company, Incorporated	Bonds no.528	July 27, 2023	AA	
The Kansai Electric Power Company, Incorporated	Bonds no.530	May 31, 2019	AA-	
The Kansai Electric Power	Bonds no.530	July 2, 2019	AA-	
Company, Incorporated The Kansai Electric Power				
Company, Incorporated The Kansai Electric Power	Bonds no.530	July 20, 2020	AA-	
Company, Incorporated	Bonds no.530	July 21, 2021	AA	
The Kansai Electric Power Company, Incorporated	Bonds no.530	July 21, 2022	AA	
The Kansai Electric Power	Bonds no.530	July 27, 2023	AA	
Company, Incorporated The Kansai Electric Power	D 1 521		A A	
Company, Incorporated The Kansai Electric Power	Bonds no.531	May 31, 2019	AA-	
Company, Incorporated	Bonds no.531	July 2, 2019	AA-	
The Kansai Electric Power Company, Incorporated	Bonds no.531	July 20, 2020	AA-	
The Kansai Electric Power	Bonds no.531	July 21, 2021	AA	
Company, Incorporated The Kansai Electric Power	Bonds no.531	July 21, 2022	AA	
Company, Incorporated The Kansai Electric Power				
Company, Incorporated	Bonds no.531	July 27, 2023	AA	
The Kansai Electric Power Company, Incorporated	Bonds no.533	July 5, 2019	AA-	
The Kansai Electric Power	Bonds no.533	July 20, 2020	AA-	
Company, Incorporated The Kansai Electric Power	Bonds no.533	July 21, 2021	AA	
Company, Incorporated The Kansai Electric Power				
Company, Incorporated	Bonds no.533	July 21, 2022	AA	
The Kansai Electric Power Company, Incorporated	Bonds no.533	July 27, 2023	AA	
The Kansai Electric Power Company, Incorporated	Bonds no.534	August 30, 2019	AA-	
The Kansai Electric Power	Bonds no.534	July 20, 2020	AA-	
Company, Incorporated The Kansai Electric Power		-		
Company, Incorporated The Kansai Electric Power	Bonds no.534	July 21, 2021	AA	
Company, Incorporated	Bonds no.534	July 21, 2022	AA	
The Kansai Electric Power Company, Incorporated	Bonds no.534	July 27, 2023	AA	
Company, incorporated				



Issuer Name	Issue Name	Publication Date	Rating	Outlook/Direction
The Kansai Electric Power	Bonds no.535	November 27, 2020	AA-	
Company, Incorporated The Kansai Electric Power		.,		
Company, Incorporated	Bonds no.535	July 21, 2021	AA	
The Kansai Electric Power	Dan Jan 2 525	Il-, 21, 2022	A A	
Company, Incorporated	Bonds no.535	July 21, 2022	AA	
The Kansai Electric Power	Bonds no.535	July 27, 2023	AA	
Company, Incorporated The Kansai Electric Power				
Company, Incorporated	Bonds no.536	November 27, 2020	AA-	
The Kansai Electric Power				
Company, Incorporated	Bonds no.536	July 21, 2021	AA	
The Kansai Electric Power	D 1 526	T 1 21 2022		
Company, Incorporated	Bonds no.536	July 21, 2022	AA	
The Kansai Electric Power	Bonds no.536	July 27, 2023	AA	
Company, Incorporated	Bolius IIo.330	July 27, 2023	ПП	
The Kansai Electric Power	Bonds no.537	January 21, 2021	AA-	
Company, Incorporated The Kansai Electric Power		, ,		
	Bonds no.537	July 21, 2021	AA	
Company, Incorporated The Kansai Electric Power		-		
Company, Incorporated	Bonds no.537	July 21, 2022	AA	
The Kansai Electric Power	D 1 505	1 1 27 2022		
Company, Incorporated	Bonds no.537	July 27, 2023	AA	
The Kansai Electric Power	Bonds no.538	January 21 2021	AA-	
Company, Incorporated	Bollds II0.338	January 21, 2021	AA-	
The Kansai Electric Power	Bonds no.538	July 21, 2021	AA	
Company, Incorporated	Bolius Ho.330	July 21, 2021	7 17 1	
The Kansai Electric Power	Bonds no.538	July 21, 2022	AA	
Company, Incorporated The Kansai Electric Power				
Company, Incorporated	Bonds no.538	July 27, 2023	AA	
The Kansai Electric Power				
Company, Incorporated	Bonds no.539	January 21, 2021	AA-	
The Kansai Electric Power	Bonds no.539	Inter 21 2021	AA	
Company, Incorporated	Bollds 110.339	July 21, 2021	AA	
The Kansai Electric Power	Bonds no.539	July 21, 2022	AA	
Company, Incorporated	Bolius Ho.337	July 21, 2022	7 17 1	
The Kansai Electric Power	Bonds no.539	July 27, 2023	AA	
Company, Incorporated The Kansai Electric Power				
Company, Incorporated	Bonds no.540	August 27, 2021	AA	
The Kansai Electric Power				
Company, Incorporated	Bonds no.540	July 21, 2022	AA	
The Kansai Electric Power	Dands no 540	I.J., 27, 2022	A A	
Company, Incorporated	Bonds no.540	July 27, 2023	AA	
The Kansai Electric Power	Bonds no.541	August 27, 2021	AA	
Company, Incorporated	20140 110.371	1145451 21, 2021	1111	
The Kansai Electric Power	Bonds no.541	July 21, 2022	AA	
Company, Incorporated The Kansai Electric Power		, ,		
Company, Incorporated	Bonds no.541	July 27, 2023	AA	
The Kansai Electric Power				
Company, Incorporated	Bonds no.542	August 27, 2021	AA	
The Kansai Electric Power	Dan dan a 542	L-1 21 2022	A A	
Company, Incorporated	Bonds no.542	July 21, 2022	AA	
The Kansai Electric Power	Bonds no.542	July 27, 2023	AA	
Company, Incorporated	Dollus 110.372	July 21, 2023	лл	
The Kansai Electric Power	Bonds no.543	October 8, 2021	AA	
Company, Incorporated		,		



Issuer Name	Issue Name	Publication Date	Rating	Outlook/Direction
The Kansai Electric Power	Bonds no.543	July 21, 2022	AA	
Company, Incorporated The Kansai Electric Power		3 /		
Company, Incorporated	Bonds no.543	July 27, 2023	AA	
The Kansai Electric Power	D 1 544	0 4 1 0 2021		
Company, Incorporated	Bonds no.544	October 8, 2021	AA	
The Kansai Electric Power	Bonds no.544	July 21, 2022	AA	
Company, Incorporated The Kansai Electric Power	Zendo nete i i	0 001 / 2 1 , 2 0 2 2		
	Bonds no.544	July 27, 2023	AA	
Company, Incorporated The Kansai Electric Power				
Company, Incorporated	Bonds no.545	October 8, 2021	AA	
The Kansai Electric Power	Bonds no.545	July 21 2022	AA	
Company, Incorporated	Bonds no.343	July 21, 2022	AA	
The Kansai Electric Power	Bonds no.545	July 27, 2023	AA	
Company, Incorporated The Kansai Electric Power		J = 1 ,		
Company, Incorporated	Bonds no.546	December 3, 2021	AA	
The Kansai Electric Power				
Company, Incorporated	Bonds no.546	July 21, 2022	AA	
The Kansai Electric Power	D 1 546	1.1.27.2022		
Company, Incorporated	Bonds no.546	July 27, 2023	AA	
The Kansai Electric Power	Bonds no.1(subordinated)	March 4, 2022	A+	
Company, Incorporated	Bonds no. 1(subordinated)	Widi 4, 2022	71.	
The Kansai Electric Power	Bonds no.1(subordinated)	July 21, 2022	A+	
Company, Incorporated The Kansai Electric Power				
Company, Incorporated	Bonds no.1(subordinated)	July 27, 2023	A+	
The Kansai Electric Power	D 1 2/ 1 1:	1.6 1.4 2022		
Company, Incorporated	Bonds no.2(subordinated)	March 4, 2022	A+	
The Kansai Electric Power	Bonds no.2(subordinated)	July 21, 2022	A+	
Company, Incorporated	Bonds no.2(subordinated)	3uly 21, 2022	71.	
The Kansai Electric Power	Bonds no.2(subordinated)	July 27, 2023	A+	
Company, Incorporated The Kansai Electric Power				
Company, Incorporated	Bonds no.3(subordinated)	March 4, 2022	A+	
The Kansai Electric Power		7.1.04.0000		
Company, Incorporated	Bonds no.3(subordinated)	July 21, 2022	A+	
The Kansai Electric Power	Bonds no.3(subordinated)	July 27, 2023	A+	
Company, Incorporated	Bends no.5(subordinated)	July 27, 2023	71.	
The Kansai Electric Power	Bonds no.547	April 8, 2022	AA	
Company, Incorporated The Kansai Electric Power				
Company, Incorporated	Bonds no.547	July 21, 2022	AA	
The Kansai Electric Power	Danda na 547	L.1 27 2022	A A	
Company, Incorporated	Bonds no.547	July 27, 2023	AA	
The Kansai Electric Power	Bonds no.548	April 8, 2022	AA	
Company, Incorporated	Benus note to	71pm 0, 2022		
The Kansai Electric Power Company, Incorporated	Bonds no.548	July 21, 2022	AA	
The Kansai Electric Power				
Company, Incorporated	Bonds no.548	July 27, 2023	AA	
The Kansai Electric Power	Ponda no 540	May 20, 2022	A A	
Company, Incorporated	Bonds no.549	May 20, 2022	AA	
The Kansai Electric Power	Bonds no.549	July 21, 2022	AA	
Company, Incorporated		2017 21, 2022		
The Kansai Electric Power	Bonds no.549	July 27, 2023	AA	
Company, Incorporated The Kansai Electric Power				
Company, Incorporated	Bonds no.550	May 20, 2022	AA	
- simpani, intorporator		1		1



Issuer Name	Issue Name	Publication Date	Rating	Outlook/Direction
The Kansai Electric Power	Bonds no.550	July 21, 2022	AA	
Company, Incorporated The Kansai Electric Power		, , ,		
Company, Incorporated	Bonds no.550	July 27, 2023	AA	
The Kansai Electric Power	Bonds no.551	May 20, 2022	AA	
Company, Incorporated	Bolids II0.331	May 20, 2022	AA	
The Kansai Electric Power Company, Incorporated	Bonds no.551	July 21, 2022	AA	
The Kansai Electric Power				
Company, Incorporated	Bonds no.551	July 27, 2023	AA	
The Kansai Electric Power				
Company, Incorporated	Bonds no.552	July 8, 2022	AA	
The Kansai Electric Power	- · · · · · · · · · · · · · · · · · · ·	7.1.04.0000		
Company, Incorporated	Bonds no.552	July 21, 2022	AA	
The Kansai Electric Power	- · · · · · · · · · · · · · · · · · · ·			
Company, Incorporated	Bonds no.552	July 27, 2023	AA	
The Kansai Electric Power	D 1 222	7.1.0.000		
Company, Incorporated	Bonds no.553	July 8, 2022	AA	
The Kansai Electric Power				
Company, Incorporated	Bonds no.553	July 21, 2022	AA	
The Kansai Electric Power				
Company, Incorporated	Bonds no.553	July 27, 2023	AA	
The Kansai Electric Power				
Company, Incorporated	Bonds no.554	October 7, 2022	AA	
The Kansai Electric Power				
Company, Incorporated	Bonds no.554	July 27, 2023	AA	
The Kansai Electric Power				
	Bonds no.555	October 7, 2022	AA	
Company, Incorporated The Kansai Electric Power				
	Bonds no.555	July 27, 2023	AA	
Company, Incorporated The Kansai Electric Power				
	Bonds no.556	July 13, 2023	AA	
Company, Incorporated The Kansai Electric Power				
	Bonds no.556	July 27, 2023	AA	
Company, Incorporated The Kansai Electric Power		-		
	Bonds no.557	July 13, 2023	AA	
Company, Incorporated		•		
The Kansai Electric Power	Bonds no.557	July 27, 2023	AA	
Company, Incorporated The Kansai Electric Power		• •		
	Bonds no.558	September 1, 2023	AA	
Company, Incorporated The Kansai Electric Power		•		
	Bonds no.559	September 1, 2023	AA	
Company, Incorporated The Kansai Electric Power		•		
	Bonds no.560	November 17, 2023	AA	
Company, Incorporated The Kansai Electric Power		-		
	Bonds no.561	November 17, 2023	AA	
Company, Incorporated		,		
The Kansai Electric Power	Bonds no.562	January 19, 2024	AA	
Company, Incorporated		,		
The Kansai Electric Power	Bonds no.563	January 19, 2024	AA	
Company, Incorporated		, ,		
The Kansai Electric Power	Bonds no.564	April 5, 2024	AA	
Company, Incorporated	-	1 -, 2 .		
The Kansai Electric Power	Bonds no.565	April 5, 2024	AA	
Company, Incorporated		r, <b>-</b> -2	•	
The Kansai Electric Power	Bonds no.566	April 10, 2024	AA	
Company, Incorporated		1,2.		
The Kansai Electric Power	Bonds no.567	May 17, 2024	AA	
Company, Incorporated		17, 2021	•	
The Kansai Electric Power	Bonds no.568	May 17, 2024	AA	
Company, Incorporated		J ,		



Issuer Name	Issue Name	Publication Date	Rating	Outlook/Direction
The Kansai Electric Power Company, Incorporated	Bonds no.569	July 5, 2024	AA	
The Kansai Electric Power Company, Incorporated	Bonds no.570	July 5, 2024	AA	



Issuer Name	Issue Name	Publication Date	Rating	Outlook/Direction
The Chugoku Electric Power				
Company, Incorporated	Issuer(Long-term)	April 17, 2006	AAA	Negative
The Chugoku Electric Power	Issuer(Long-term)	August 29, 2006	AAA	Stable
Company, Incorporated	issuer(Long-term)	August 27, 2000	AAA	Stable
The Chugoku Electric Power	Issuer(Long-term)	April 17, 2007	AAA	Stable
Company, Incorporated	(			
The Chugoku Electric Power	Issuer(Long-term)	April 24, 2008	AAA	Stable
Company, Incorporated The Chugoku Electric Power				
Company, Incorporated	Issuer(Long-term)	April 27, 2009	AAA	Stable
The Chugoku Electric Power				~
Company, Incorporated	Issuer(Long-term)	April 27, 2010	AAA	Stable
The Chugoku Electric Power	Issuer(Long-term)	June 6, 2011	AAA	Negative
Company, Incorporated	Issuer(Long-term)	Julie 0, 2011	AAA	Negative
The Chugoku Electric Power	Issuer(Long-term)	September 22, 2011	AA+	Negative
Company, Incorporated	issuer(Eong term)	September 22, 2011		reguire
The Chugoku Electric Power	Issuer(Long-term)	June 19, 2012	AA	Negative
Company, Incorporated The Chugoku Electric Power	, , ,			
Company, Incorporated	Issuer(Long-term)	July 25, 2013	AA	Negative
The Chugoku Electric Power				
Company, Incorporated	Issuer(Long-term)	August 28, 2014	AA	Negative
The Chugoku Electric Power	I (I )	4 25 2015	A A	NI (*
Company, Incorporated	Issuer(Long-term)	August 25, 2015	AA	Negative
The Chugoku Electric Power	Issuer(Long-term)	June 29, 2016	AA	Negative
Company, Incorporated	issuer(Long-term)	June 27, 2010	ТП	regative
The Chugoku Electric Power	Issuer(Long-term)	July 3, 2017	AA	Negative
Company, Incorporated	,			
The Chugoku Electric Power Company, Incorporated	Issuer(Long-term)	June 22, 2018	AA	Negative
The Chugoku Electric Power				
Company, Incorporated	Issuer(Long-term)	July 2, 2019	AA	Negative
The Chugoku Electric Power	I (I )	1.1.20.2020		G. 11
Company, Incorporated	Issuer(Long-term)	July 20, 2020	AA	Stable
The Chugoku Electric Power	Issuer(Long-term)	July 21, 2021	AA	Stable
Company, Incorporated	issuer(Eong term)	3 diy 21, 2021	7111	Suore
The Chugoku Electric Power	Issuer(Long-term)	July 21, 2022	AA	Stable
Company, Incorporated	,			
The Chugoku Electric Power Company, Incorporated	Issuer(Long-term)	July 27, 2023	AA	Stable
The Chugoku Electric Power				
Company, Incorporated	CP	April 22, 1992	J-1	
The Chugoku Electric Power	СР	A:1 1 1002	Т 1	
Company, Incorporated	CP	April 1, 1993	J-1	
The Chugoku Electric Power	СР	April 17, 1996	J-1+	
Company, Incorporated		71pm 17, 1790	V 1 '	
The Chugoku Electric Power	СР	May 23, 1997	J-1+	
Company, Incorporated The Chugoku Electric Power		• •		
Company, Incorporated	CP	April 5, 1999	J-1+	
The Chugoku Electric Power	CD.		T.	
Company, Incorporated	СР	March 14, 2000	J-1+	
The Chugoku Electric Power	СР	March 15 2001	Ţ 1.ı	
Company, Incorporated	CI	March 15, 2001	J-1+	
The Chugoku Electric Power	СР	March 8, 2002	J-1+	
Company, Incorporated		17141011 0, 2002	U 1 '	
The Chugoku Electric Power	СР	June 28, 2002	J-1+	
Company, Incorporated		, ,		



Issuer Name	Issue Name	Publication Date	Rating	Outlook/Direction
The Chugoku Electric Power				Outrook Birection
Company, Incorporated	CP	April 1, 2003	J-1+	
The Chugoku Electric Power	CD	A 115 2004	T 1 :	
Company, Incorporated	СР	April 15, 2004	J-1+	
The Chugoku Electric Power	СР	April 15, 2005	J-1+	
Company, Incorporated	Cr	April 13, 2003	J-1⊤	
The Chugoku Electric Power	СР	March 29, 2006	J-1+	
Company, Incorporated	Ci	March 29, 2000	J-1 '	
The Chugoku Electric Power	CP	April 17, 2006	J-1+	
Company, Incorporated	C1	7 pm 17, 2000	<b>J</b> 1.	
The Chugoku Electric Power	СР	April 17, 2007	J-1+	
Company, Incorporated		1 ,,		
The Chugoku Electric Power	СР	April 24, 2008	J-1+	
Company, Incorporated		1 /		
The Chugoku Electric Power	СР	April 27, 2009	J-1+	
Company, Incorporated		-		
The Chugoku Electric Power	CP	April 27, 2010	J-1+	
Company, Incorporated The Chugoku Electric Power				
Company, Incorporated	CP	June 6, 2011	J-1+	
The Chugoku Electric Power				
Company, Incorporated	CP	September 22, 2011	J-1+	
The Chugoku Electric Power				
Company, Incorporated	CP	June 19, 2012	J-1+	
The Chugoku Electric Power				
Company, Incorporated	CP	July 25, 2013	J-1+	
The Chugoku Electric Power	GP.		T. 4.	
Company, Incorporated	CP	August 28, 2014	J-1+	
The Chugoku Electric Power	CP	A	T 1 :	
Company, Incorporated	СР	August 25, 2015	J-1+	
The Chugoku Electric Power	СР	June 29, 2016	J-1+	
Company, Incorporated	CI	Julie 29, 2010	J-1 1	
The Chugoku Electric Power	СР	July 3, 2017	J-1+	
Company, Incorporated	Ci	July 3, 2017	J 1 ·	
The Chugoku Electric Power	СР	June 22, 2018	J-1+	
Company, Incorporated				
The Chugoku Electric Power	СР	July 2, 2019	J-1+	
Company, Incorporated		3 /		
The Chugoku Electric Power	СР	July 20, 2020	J-1+	
Company, Incorporated The Chugoku Electric Power		•		
C .	CP	March 26, 2021	J-1+	
Company, Incorporated The Chugoku Electric Power				
Company, Incorporated	CP	July 21, 2021	J-1+	
The Chugoku Electric Power				
Company, Incorporated	CP	September 30, 2021	J-1+	
The Chugoku Electric Power				
Company, Incorporated	CP	July 21, 2022	J-1+	
The Chugoku Electric Power	GD.	x 1 07 0000	7.4.	
Company, Incorporated	СР	July 27, 2023	J-1+	
The Chugoku Electric Power	Clark Danier	A 10 2022	A A	
Company, Incorporated	Shelf Registration	August 19, 2022	AA	
The Chugoku Electric Power	Shalf Pagistration	Iuly 27, 2022	Λ Λ	
Company, Incorporated	Shelf Registration	July 27, 2023	AA	
The Chugoku Electric Power	Bonds no.322	October 14, 1999	AAA	
Company, Incorporated	Dollus IIU.322	OCIOUCI 14, 1399	AAA	
The Chugoku Electric Power	Bonds no.322	March 14, 2000	AAA	
Company, Incorporated	2 51143 110.022	17141011 17, 2000	11111	



Issuer Name	Issue Name	Publication Date	Rating	Outlook/Direction
The Chugoku Electric Power				Cuttook Briceton
Company, Incorporated	Bonds no.322	March 15, 2001	AAA	
The Chugoku Electric Power				
Company, Incorporated	Bonds no.322	March 8, 2002	AAA	
The Chugoku Electric Power				
Company, Incorporated	Bonds no.322	April 1, 2003	AAA	
The Chugoku Electric Power	Bonds no.322	April 15, 2004	AAA	
Company, Incorporated		_		
The Chugoku Electric Power	Bonds no.322	April 15, 2005	AAA	
Company, Incorporated		1 ,		
The Chugoku Electric Power	Bonds no.322	April 17, 2006	AAA	
Company, Incorporated	-	1 .,		
The Chugoku Electric Power	Bonds no.322	April 17, 2007	AAA	
Company, Incorporated	Bonds 110.322	7 pm 17, 2007	71111	
The Chugoku Electric Power	Bonds no.322	April 24, 2008	AAA	
Company, Incorporated	Bolids 110.322	April 24, 2006	AAA	
The Chugoku Electric Power	Panda no 222	A	A A A	
Company, Incorporated	Bonds no.322	April 27, 2009	AAA	
The Chugoku Electric Power	D 1 222	1 10 5 0010		
Company, Incorporated	Bonds no.322	April 27, 2010	AAA	
The Chugoku Electric Power				
Company, Incorporated	Bonds no.322	June 6, 2011	AAA	
The Chugoku Electric Power				
Company, Incorporated	Bonds no.322	September 22, 2011	AA+	
The Chugoku Electric Power				
	Bonds no.322	June 19, 2012	AA	
Company, Incorporated				
The Chugoku Electric Power	Bonds no.322	July 25, 2013	AA	
Company, Incorporated		,		
The Chugoku Electric Power	Bonds no.322	August 28, 2014	AA	
Company, Incorporated		8 1) 1		
The Chugoku Electric Power	Bonds no.322	August 25, 2015	AA	
Company, Incorporated	Bonds 110.322	11agust 25, 2015	7111	
The Chugoku Electric Power	Bonds no.322	June 29, 2016	AA	
Company, Incorporated	Bolids 110.322	June 29, 2010	AA	
The Chugoku Electric Power	Bonds no.322	I1 2 2017	A A	
Company, Incorporated	Bonds no.322	July 3, 2017	AA	
The Chugoku Electric Power	D 1 222	I 00 0010		
Company, Incorporated	Bonds no.322	June 22, 2018	AA	
The Chugoku Electric Power	D 1 222	*		
Company, Incorporated	Bonds no.322	July 2, 2019	AA	
The Chugoku Electric Power				
Company, Incorporated	Bonds no.322	July 20, 2020	AA	
The Chugoku Electric Power				
Company, Incorporated	Bonds no.322	July 21, 2021	AA	
The Chugoku Electric Power				
	Bonds no.322	July 21, 2022	AA	
Company, Incorporated				
The Chugoku Electric Power	Bonds no.322	July 27, 2023	AA	
Company, Incorporated		• •		
The Chugoku Electric Power	Bonds no.383	October 3, 2014	AA	
Company, Incorporated		-, -,		
The Chugoku Electric Power	Bonds no.383	August 25, 2015	AA	
Company, Incorporated	_ 55 55	1105001 20, 2010		
The Chugoku Electric Power	Bonds no.383	June 29, 2016	AA	
Company, Incorporated	Dollas IIo.303	June 29, 2010	AA	
The Chugoku Electric Power	Danda na 202	L.L. 2 2017	A A	
Company, Incorporated	Bonds no.383	July 3, 2017	AA	
The Chugoku Electric Power	D 1 202	T 00 0010		
Company, Incorporated	Bonds no.383	June 22, 2018	AA	
		1		1



Issuer Name	Issue Name	Publication Date	Rating	Outlook/Direction
The Chugoku Electric Power				o wilcom Direction
Company, Incorporated	Bonds no.383	July 2, 2019	AA	
The Chugoku Electric Power	Bonds no.383	July 20, 2020	AA	
Company, Incorporated	Bolids 110.303	July 20, 2020	7111	
The Chugoku Electric Power	Bonds no.383	July 21, 2021	AA	
Company, Incorporated		<b>3</b> , ·		
The Chugoku Electric Power	Bonds no.383	July 21, 2022	AA	
Company, Incorporated		•		
The Chugoku Electric Power Company, Incorporated	Bonds no.383	July 27, 2023	AA	
The Chugoku Electric Power				
Company, Incorporated	Bonds no.384	April 16, 2015	AA	
The Chugoku Electric Power				
Company, Incorporated	Bonds no.384	August 25, 2015	AA	
The Chugoku Electric Power				
Company, Incorporated	Bonds no.384	June 29, 2016	AA	
The Chugoku Electric Power				
Company, Incorporated	Bonds no.384	July 3, 2017	AA	
The Chugoku Electric Power				
Company, Incorporated	Bonds no.384	June 22, 2018	AA	
The Chugoku Electric Power	D 1 201	X 1 2 2010		
Company, Incorporated	Bonds no.384	July 2, 2019	AA	
The Chugoku Electric Power	D 1 204	1.1.20.2020		
Company, Incorporated	Bonds no.384	July 20, 2020	AA	
The Chugoku Electric Power	D 1 294	I 1 21 2021		
Company, Incorporated	Bonds no.384	July 21, 2021	AA	
The Chugoku Electric Power	D 1 204	I 1 21 2022		
Company, Incorporated	Bonds no.384	July 21, 2022	AA	
The Chugoku Electric Power	Bonds no.384	Int. 27, 2022	Λ Λ	
Company, Incorporated	Bonds no.384	July 27, 2023	AA	
The Chugoku Electric Power	Bonds no.385	July 10, 2015	AA	
Company, Incorporated	Bolids IIO.383	July 10, 2013	AA	
The Chugoku Electric Power	Bonds no.385	August 25, 2015	AA	
Company, Incorporated	Bolids no.565	August 25, 2015	AA	
The Chugoku Electric Power	Bonds no.385	June 29, 2016	AA	
Company, Incorporated	Bonds no.5 05	vaire 25, 2010		
The Chugoku Electric Power	Bonds no.385	July 3, 2017	AA	
Company, Incorporated	201140 11010 00	0011 0, 2017		
The Chugoku Electric Power	Bonds no.385	June 22, 2018	AA	
Company, Incorporated		,		
The Chugoku Electric Power	Bonds no.385	July 2, 2019	AA	
Company, Incorporated		•		
The Chugoku Electric Power	Bonds no.385	July 20, 2020	AA	
Company, Incorporated		•		
The Chugoku Electric Power	Bonds no.385	July 21, 2021	AA	
Company, Incorporated		-		
The Chugoku Electric Power Company, Incorporated	Bonds no.385	July 21, 2022	AA	
The Chugoku Electric Power				
Company, Incorporated	Bonds no.385	July 27, 2023	AA	
The Chugoku Electric Power				
Company, Incorporated	Bonds no.386	December 4, 2015	AA	
The Chugoku Electric Power				
Company, Incorporated	Bonds no.386	June 29, 2016	AA	
The Chugoku Electric Power				
Company, Incorporated	Bonds no.386	July 3, 2017	AA	
The Chugoku Electric Power	- 1 - 20 -			
Company, Incorporated	Bonds no.386	June 22, 2018	AA	
company, meorporated	1			



Issuer Name	Issue Name	Publication Date	Rating	Outlook/Direction
The Chugoku Electric Power	Bonds no.386	July 2, 2019	AA	
Company, Incorporated		, ,		
The Chugoku Electric Power	Bonds no.386	July 20, 2020	AA	
Company, Incorporated		,		
The Chugoku Electric Power	Bonds no.386	July 21, 2021	AA	
Company, Incorporated				
The Chugoku Electric Power	Bonds no.386	July 21, 2022	AA	
Company, Incorporated	Bolles Ho.5 00	vary 21, 2022	1111	
The Chugoku Electric Power	Bonds no.386	July 27, 2023	AA	
Company, Incorporated	Bonds no.500	July 27, 2023	7171	
The Chugoku Electric Power	Bonds no.387	January 15, 2016	AA	
Company, Incorporated	Bonds no.507	January 13, 2010	7111	
The Chugoku Electric Power	Bonds no.387	June 29, 2016	AA	
Company, Incorporated	Bolids 110.367	June 29, 2010	ЛЛ	
The Chugoku Electric Power	Bonds no.387	July 3, 2017	AA	
Company, Incorporated	Bolids 110.367	July 3, 2017	AA	
The Chugoku Electric Power	Bonds no.387	I 22 2010	A A	
Company, Incorporated	Bonds no.38/	June 22, 2018	AA	
The Chugoku Electric Power	D 1 207	L 1 2 2010	A A	
Company, Incorporated	Bonds no.387	July 2, 2019	AA	
The Chugoku Electric Power	D 1 207	I 1 20 2020		
Company, Incorporated	Bonds no.387	July 20, 2020	AA	
The Chugoku Electric Power				
Company, Incorporated	Bonds no.387	July 21, 2021	AA	
The Chugoku Electric Power				
Company, Incorporated	Bonds no.387	July 21, 2022	AA	
The Chugoku Electric Power				
Company, Incorporated	Bonds no.387	July 27, 2023	AA	
The Chugoku Electric Power				
Company, Incorporated	Bonds no.388	February 25, 2016	AA	
The Chugoku Electric Power				
Company, Incorporated	Bonds no.388	June 29, 2016	AA	
The Chugoku Electric Power				
Company, Incorporated	Bonds no.388	July 3, 2017	AA	
The Chugoku Electric Power				
Company, Incorporated	Bonds no.388	June 22, 2018	AA	
The Chugoku Electric Power				
_	Bonds no.388	July 2, 2019	AA	
Company, Incorporated The Chugoku Electric Power				
e e	Bonds no.388	July 20, 2020	AA	
Company, Incorporated				
The Chugoku Electric Power	Bonds no.388	July 21, 2021	AA	
Company, Incorporated				
The Chugoku Electric Power	Bonds no.388	July 21, 2022	AA	
Company, Incorporated		-		
The Chugoku Electric Power	Bonds no.388	July 27, 2023	AA	
Company, Incorporated		•		
The Chugoku Electric Power	Bonds no.389	April 7, 2016	AA	
Company, Incorporated		1		
The Chugoku Electric Power	Bonds no.389	June 29, 2016	AA	
Company, Incorporated		, ,		
The Chugoku Electric Power	Bonds no.389	July 3, 2017	AA	
Company, Incorporated		J = , = = 1 /		
The Chugoku Electric Power	Bonds no.389	June 22, 2018	AA	
Company, Incorporated		22, 2010		
The Chugoku Electric Power	Bonds no.389	July 2, 2019	AA	
Company, Incorporated	20140 11010 07	July 2, 2017	1111	
The Chugoku Electric Power	Bonds no.389	July 20, 2020	AA	
Company, Incorporated	201140 110.000	July 20, 2020	1111	



Issuer Name	Issue Name	Publication Date	Rating	Outlook/Direction
The Chugoku Electric Power				
Company, Incorporated	Bonds no.389	July 21, 2021	AA	
The Chugoku Electric Power				
Company, Incorporated	Bonds no.389	July 21, 2022	AA	
The Chugoku Electric Power				
Company, Incorporated	Bonds no.389	July 27, 2023	AA	
The Chugoku Electric Power	Bonds no.391	June 10, 2016	AA	
Company, Incorporated				
The Chugoku Electric Power	Bonds no.391	June 29, 2016	AA	
Company, Incorporated				
The Chugoku Electric Power	Bonds no.391	July 3, 2017	AA	
Company, Incorporated	Bonds no.371	July 5, 2017	7111	
The Chugoku Electric Power	Bonds no.391	Juna 22, 2019	Λ Λ	
Company, Incorporated	Bonds no.391	June 22, 2018	AA	
The Chugoku Electric Power	P 1 201	X 1 2 2010		
Company, Incorporated	Bonds no.391	July 2, 2019	AA	
The Chugoku Electric Power				
Company, Incorporated	Bonds no.391	July 20, 2020	AA	
The Chugoku Electric Power				
_	Bonds no.391	July 21, 2021	AA	
Company, Incorporated				
The Chugoku Electric Power	Bonds no.391	July 21, 2022	AA	
Company, Incorporated		,		
The Chugoku Electric Power	Bonds no.391	July 27, 2023	AA	
Company, Incorporated	Bolido Ho.371	vary 27, 2023	1111	
The Chugoku Electric Power	Bonds no.393	November 18, 2016	AA	
Company, Incorporated	Bolids 110.373	100vcmoci 16, 2010	ЛЛ	
The Chugoku Electric Power	D 4 202	L-12 2017	A A	
Company, Incorporated	Bonds no.393	July 3, 2017	AA	
The Chugoku Electric Power				
Company, Incorporated	Bonds no.393	June 22, 2018	AA	
The Chugoku Electric Power				
Company, Incorporated	Bonds no.393	July 2, 2019	AA	
The Chugoku Electric Power				
Company, Incorporated	Bonds no.393	July 20, 2020	AA	
1 2 1				
The Chugoku Electric Power	Bonds no.393	July 21, 2021	AA	
Company, Incorporated				
The Chugoku Electric Power	Bonds no.393	July 21, 2022	AA	
Company, Incorporated		, , ,		
The Chugoku Electric Power	Bonds no.393	July 27, 2023	AA	
Company, Incorporated	201100 11010 / 3	July 21, 2023	1111	
The Chugoku Electric Power	Bonds no.394	November 18, 2016	AA	
Company, Incorporated	DOINGS HO.374	11010111001 10, 2010	AA	
The Chugoku Electric Power	Danda na 204	I-1- 2 2017	A A	
Company, Incorporated	Bonds no.394	July 3, 2017	AA	
The Chugoku Electric Power	D 1 201	Y 65 50:-		
Company, Incorporated	Bonds no.394	June 22, 2018	AA	
The Chugoku Electric Power				
Company, Incorporated	Bonds no.394	July 2, 2019	AA	
The Chugoku Electric Power				
Company, Incorporated	Bonds no.394	July 20, 2020	AA	
The Chugoku Electric Power	Bonds no.394	July 21, 2021	AA	
Company, Incorporated		• •		
The Chugoku Electric Power	Bonds no.394	July 21, 2022	AA	
Company, Incorporated	/ .	101, 21, 2022		
The Chugoku Electric Power	Bonds no.394	July 27, 2023	AA	
Company, Incorporated	Dollas IIo.334	July 27, 2023	<i>AA</i>	
The Chugoku Electric Power	Panda no 205	Jonney 12 2017	A A	
Company, Incorporated	Bonds no.395	January 13, 2017	AA	
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Issuer Name	Issue Name	Publication Date	Rating	Outlook/Direction
The Chugoku Electric Power				Catiook/Birection
Company, Incorporated	Bonds no.395	July 3, 2017	AA	
The Chugoku Electric Power				
Company, Incorporated	Bonds no.395	June 22, 2018	AA	
The Chugoku Electric Power				
Company, Incorporated	Bonds no.395	July 2, 2019	AA	
The Chugoku Electric Power				
Company, Incorporated	Bonds no.395	July 20, 2020	AA	
The Chugoku Electric Power				
Company, Incorporated	Bonds no.395	July 21, 2021	AA	
The Chugoku Electric Power				
Company, Incorporated	Bonds no.395	July 21, 2022	AA	
The Chugoku Electric Power				
	Bonds no.395	July 27, 2023	AA	
Company, Incorporated		•		
The Chugoku Electric Power	Bonds no.396	January 13, 2017	AA	
Company, Incorporated				
The Chugoku Electric Power	Bonds no.396	July 3, 2017	AA	
Company, Incorporated		<b>3</b> - , · · ·		
The Chugoku Electric Power	Bonds no.396	June 22, 2018	AA	
Company, Incorporated	Zonas neies s	0 0000 22, 2010		
The Chugoku Electric Power	Bonds no.396	July 2, 2019	AA	
Company, Incorporated	Bonas no.370	vary 2, 2019	7 11 1	
The Chugoku Electric Power	Bonds no.396	July 20, 2020	AA	
Company, Incorporated	Bolids 110.570	July 20, 2020	ЛЛ	
The Chugoku Electric Power	Bonds no.396	July 21, 2021	AA	
Company, Incorporated	Bolids 110.590	July 21, 2021	ЛЛ	
The Chugoku Electric Power	Bonds no.396	July 21, 2022	AA	
Company, Incorporated	Bolids IIO.390	July 21, 2022	AA	
The Chugoku Electric Power	Bonds no.396	Int. 27, 2022	A A	
Company, Incorporated	Bolids 110.590	July 27, 2023	AA	
The Chugoku Electric Power	Bonds no.398	July 6, 2017	A A	
Company, Incorporated	Bonds no.398	July 6, 2017	AA	
The Chugoku Electric Power	D 1 200	I 22 2010		
Company, Incorporated	Bonds no.398	June 22, 2018	AA	
The Chugoku Electric Power	D 1 200	1.1.2.2010		
Company, Incorporated	Bonds no.398	July 2, 2019	AA	
The Chugoku Electric Power	D 1 200	I 1 20 2020		
Company, Incorporated	Bonds no.398	July 20, 2020	AA	
The Chugoku Electric Power	- 4			
Company, Incorporated	Bonds no.398	July 21, 2021	AA	
The Chugoku Electric Power				
Company, Incorporated	Bonds no.398	July 21, 2022	AA	
The Chugoku Electric Power				
Company, Incorporated	Bonds no.398	July 27, 2023	AA	
The Chugoku Electric Power				
Company, Incorporated	Bonds no.399	July 6, 2017	AA	
The Chugoku Electric Power				
Company, Incorporated	Bonds no.399	June 22, 2018	AA	
The Chugoku Electric Power				
Company, Incorporated	Bonds no.399	July 2, 2019	AA	
The Chugoku Electric Power				
Company, Incorporated	Bonds no.399	July 20, 2020	AA	
The Chugoku Electric Power				
Company, Incorporated	Bonds no.399	July 21, 2021	AA	
The Chugoku Electric Power				
_	Bonds no.399	July 21, 2022	AA	
Company, Incorporated The Chugoku Electric Power				
_	Bonds no.399	July 27, 2023	AA	
Company, Incorporated		-		



The Chugoku Electric Power Company, Incorporated Bonds no.400 June 22, 2018 AA Incorporated The Chugoku Electric Power Company, Incorporated Electric Power Company, Incorporated Bonds no.402 July 20,020 AA Electric Power Company, Incorporated Bonds no.402 July 21, 2021 AA Electric Power Company, Incorporated Bonds no.402 July 27, 2023 AA Electric Power Company, Incorporated Bonds no.402 July 27, 2023 AA Electric Power Company, Incorporated Bonds no.403 July 27, 2023 AA Electric Power Company, Incorporated Bonds no.403 July 27, 2023 AA Electric Power Company, Incorporated Bonds no.403 July 27, 2023 AA Electric Power Company, Incorporated Bonds no.403 July 20, 2020 AA Electric Power Company, Incorporated Bonds no.403 July 21, 2021 AA Electric Power Company, Incorporated Bonds no.403 July 21, 2021 AA Electric Power Company, Incorporated Bonds no.403 July 21, 2021 AA Electric Power Company, Incorporated Bonds no.404 July 21, 2021 AA Electric Power Company, Incorporated Bonds no.404 July 21, 2021 AA Electric Power Company, Incorporated Bonds no.404 July 22, 2019 AA Electric Power Company, Incorporated B	Issuer Name	Issue Name	Publication Date	Rating	Outlook/Direction
Company, Incorporated The Chugoku Electric Power Company, Incorporated Bonds no.402 July 2, 2019 AA Company, Incorporated The Chugoku Electric Power Company, Incorporated Bonds no.402 July 20, 2020 AA Electric Power Company, Incorporated The Chugoku Electric Power Company, Incorporated Bonds no.402 July 21, 2019 AA Electric Power Company, Incorporated Bonds no.402 July 21, 2019 AA Electric Power Company, Incorporated Bonds no.402 July 21, 2021 AA Electric Power Company, Incorporated Bonds no.402 July 21, 2022 AA Electric Power Company, Incorporated Bonds no.402 July 21, 2022 AA Electric Power Company, Incorporated Bonds no.402 July 27, 2023 AA Electric Power Company, Incorporated Bonds no.403 July 27, 2023 AA Electric Power Company, Incorporated Bonds no.403 July 27, 2023 AA Electric Power Company, Incorporated Bonds no.403 July 27, 2023 AA Electric Power Company, Incorporated Bonds no.403 July 27, 2023 AA Electric Power Company, Incorporated Bonds no.403 July 20, 2020 AA Electric Power Company, Incorporated Bonds no.403 July 20, 2020 AA Electric Power Company, Incorporated Bonds no.403 July 21, 2021 AA Electric Power Company, Incorporated Bonds no.403 July 21, 2022 AA Electric Power Company, Incorporated Bonds no.404 July 21, 2021 AA Electric Power Company, Incorporated Bonds no.404 July 21, 2021 AA Electric Power Company, Incorporated B	_				
Company, Incorporated Honds no.400 July 2, 2019 AA Drug 22, 2018 AA Drug 24, 2019 Bonds no.400 July 20, 2020 AA Drug 21, 2021 AA Drug 21, 2021 AA Drug 21, 2021 AA Drug 21, 2021 AA Drug 21, 2022		Bolids 110.400	11ugust 30, 2017	7171	
The Chugoku Electric Power Company, Incorporated The Chugoku Electric Power Company, I		Bonds no.400	June 22, 2018	AA	
Company, Incorporated The Chugoku Electric Power Company, Incorporated The Chugoku Ele					
The Chugoku Electric Power Company, Incorporated The Chugoku Electric Power Company, Incorporated Bonds no.400 July 21, 2021 AA July 21, 2022 AA Bonds no.400 July 27, 2023 AA Bonds no.402 October 5, 2017 AA Company, Incorporated The Chugoku Electric Power B		Bonds no.400	July 2, 2019	AA	
Company, Incorporated Bonds no.400 July 21, 2021 AA Dengany, Incorporated The Chugoku Electric Power Company, Incorporated Bonds no.402 July 21, 2021 AA Dengany, Incorporated The Chugoku Electric Power Company, Incorporated Bonds no.402 July 21, 2021 AA Dengany, Incorporated The Chugoku Electric Power Company, Incorporated Bonds no.402 July 27, 2023 AA Dengany, Incorporated The Chugoku Electric Power Company, Incorporated Bonds no.403 January 16, 2018 AA Dengany, Incorporated The Chugoku Electric Power Company, Incorporated Bonds no.403 June 22, 2018 AA Dengany, Incorporated Bonds no.403 June 22, 2018 AA Dengany, Incorporated Bonds no.403 July 22, 2019 AA Dengany, Incorporated Bonds no.403 July 21, 2021 AA Dengany, Incorporated Bonds no.403 July 21, 2021 AA Dengany, Incorporated Bonds no.404 July 21, 2022 AA Dengany, Incorporated Bonds no.404 July 21, 2022 AA Dengany, Incorporated Bonds no.404 July 22, 2019 AA Dengany, Incorporated Bonds no.404 July 22, 2022 AA Dengany, Incorpor			7.1.20.2020		
Company, Incorporated The Chugoku Electric Power Company, Incorporated The Chugoku Ele	Company, Incorporated	Bonds no.400	July 20, 2020	AA	
Company, Incorporated The Chugoku Electric Power Company, Incorporated The Chugoku Ele	_	Bonds no.400	July 21, 2021	AA	
Company, Incorporated The Chugoku Electric Power Company, Incorporated The Chugoku Ele			• •		
The Chugoku Electric Power Company, Incorporated Bonds no.403 July 27, 2023 AA December of the Chugoku Electric Power Company, Incorporated The Chugoku Electric Power Company, Incorporated Bonds no.404 July 2, 2019 AA December of Electric Power Company, Incorporated Bonds no.404 July 2, 2020 AA December of Electric Power Company, Incorporated Bonds no.404 July 2, 2020 AA December of Electric Power Company, Incorporated Bonds no.404 July 21, 2022 AA December of Electric Power Company, Incorporated Bonds no.404 July 21, 202		Bonds no.400	July 21, 2022	AA	
Company, Incorporated The Chugoku Electric Power Company, Incorporated The Chugoku Ele					
The Chugoku Electric Power Company, Incorporated The Chugoku Electric Power Company, I		Bonds no.400	July 27, 2023	AA	
Company, Incorporated Bonds no.402		D 1 100	0 1 5 2015		
Company, Incorporated The Chugoku Electric Power Company, Incorporated The Chugoku Ele	_	Bonds no.402	October 5, 2017	AA	
Company, Incorporated The Chugoku Electric Power Company, Incorporated The Chugoku Ele	The Chugoku Electric Power	Pands no 402	Juna 22, 2018	Λ Λ	
Company, Incorporated The Chugoku Electric Power Company, Incorporated The Chugoku Ele		Bolids 110.402	June 22, 2016	AA	
Company, Incorporated The Chugoku Electric Power Company, Incorporated Bonds no.402 July 21, 2021 AA Description of the Chugoku Electric Power Company, Incorporated Bonds no.402 July 21, 2022 AA Description of the Chugoku Electric Power Company, Incorporated Bonds no.402 July 21, 2022 AA Description of the Chugoku Electric Power Company, Incorporated Bonds no.402 July 27, 2023 AA Description of the Chugoku Electric Power Company, Incorporated Bonds no.403 January 16, 2018 AA Description of the Chugoku Electric Power Company, Incorporated Bonds no.403 July 2, 2019 AA Description of the Chugoku Electric Power Company, Incorporated Bonds no.403 July 2, 2019 AA Description of the Chugoku Electric Power Company, Incorporated Bonds no.403 July 21, 2021 AA Description of the Chugoku Electric Power Company, Incorporated Bonds no.403 July 21, 2021 AA Description of the Chugoku Electric Power Company, Incorporated Bonds no.403 July 21, 2022 AA Description of the Chugoku Electric Power Company, Incorporated Bonds no.403 July 27, 2023 AA Description of the Chugoku Electric Power Company, Incorporated Bonds no.403 July 27, 2023 AA Description of the Chugoku Electric Power Company, Incorporated Bonds no.404 Description of the Chugoku Electric Power Company, Incorporated Bonds no.404 July 2, 2019 AA Description of the Chugoku Electric Power Company, Incorporated Bonds no.404 July 2, 2019 AA Description of the Chugoku Electric Power Company, Incorporated Bonds no.404 July 2, 2019 AA Description of the Chugoku Electric Power Company, Incorporated Bonds no.404 July 2, 2020 AA Description of the Chugoku Electric Power Company, Incorporated Bonds no.404 July 21, 2021 AA Description of the Chugoku Electric Power Company, Incorporated Bonds no.404 July 21, 2021 AA Description of the Chugoku Electric Power Company, Incorporated Bonds no.404 July 21, 2021 AA Description of the Chugoku Electric Power Company, Incorporated Bonds no.404 July 21, 2022 AA Description of the Chugoku Electric Power Bonds no.404 July 21, 2023 AA Description o		Bonds no 402	July 2 2019	ΔΔ	
Company, Incorporated The Chugoku Electric Power Company, Incorporated The Chugoku Ele		Bolids 110.402	July 2, 2017	71/1	
Company, Incorporated The Chugoku Electric Power Company, Incorporated The Chugoku Electric Power Company, Incorporated The Chugoku Electric Power Company, Incorporated Bonds no.402 July 21, 2022 AA July 21, 2022 AA July 21, 2022 AA July 21, 2023 AA July 21, 2024 AA July 21, 2024 AA July 22, 2018 AA July 22, 2018 AA July 22, 2018 AA July 22, 2019 AA July 22, 2019 AA July 21, 2021 AA July 21, 2022 AA July 21, 2023 AA July 21, 2023 AA July 21, 2024 AA July 22, 2018 AA July 22, 2019 AA July 21, 2024 AA July 21, 2024 AA July 21, 2024 AA July 22, 2019 AA July 22, 2019 AA July 21, 2024 AA July 22, 2019 AA July 21, 2024 AA July 22, 2019 AA July 21, 2024 AA July 21, 2025 AA July 21, 2025 AA July 21, 2025 AA July 21, 2025 AA July 21, 2026 AA July 21, 2026 AA July 21, 2026 AA July 21, 2026 AA July 21, 2027 AA July 21, 2028 AA July 21, 2028 AA July 21, 2028 AA July 21, 2029 AA July 21, 20		Bonds no.402	July 20, 2020	AA	
Company, Incorporated The Chugoku Electric Power Company, Incorporated Bonds no.404 July 21, 2022 AA  An A  An					
The Chugoku Electric Power Company, Incorporated Bonds no.402 July 21, 2022 AA The Chugoku Electric Power Company, Incorporated Bonds no.402 July 27, 2023 AA The Chugoku Electric Power Company, Incorporated Bonds no.403 January 16, 2018 AA The Chugoku Electric Power Company, Incorporated Bonds no.403 July 2, 2019 AA The Chugoku Electric Power Company, Incorporated Bonds no.403 July 2, 2019 AA The Chugoku Electric Power Company, Incorporated Bonds no.403 July 20, 2020 AA The Chugoku Electric Power Company, Incorporated Bonds no.403 July 21, 2021 AA The Chugoku Electric Power Company, Incorporated Bonds no.403 July 21, 2022 AA The Chugoku Electric Power Company, Incorporated Bonds no.403 July 21, 2022 AA The Chugoku Electric Power Company, Incorporated Bonds no.403 July 27, 2023 AA The Chugoku Electric Power Company, Incorporated Bonds no.404 April 5, 2018 AA The Chugoku Electric Power Company, Incorporated Bonds no.404 July 2, 2019 AA The Chugoku Electric Power Company, Incorporated Bonds no.404 July 2, 2019 AA The Chugoku Electric Power Company, Incorporated Bonds no.404 July 20, 2020 AA The Chugoku Electric Power Company, Incorporated Bonds no.404 July 20, 2020 AA The Chugoku Electric Power Company, Incorporated Bonds no.404 July 21, 2021 AA The Chugoku Electric Power Company, Incorporated Bonds no.404 July 21, 2021 AA The Chugoku Electric Power Company, Incorporated Bonds no.404 July 21, 2022 AA The Chugoku Electric Power Company, Incorporated Bonds no.404 July 21, 2022 AA The Chugoku Electric Power Company, Incorporated Bonds no.404 July 21, 2022 AA The Chugoku Electric Power Company, Incorporated Bonds no.404 July 21, 2022 AA The Chugoku Electric Power Company, Incorporated Bonds no.404 July 27, 2023 AA The Chugoku Electric Power Company, Incorporated Bonds no.404 July 27, 2023 AA The Chugoku Electric Power Company, Incorporated Bonds no.404 July 27, 2023 AA The Chugoku Electric Power Bonds no.405 May 18, 2018 AA	_	Bonds no.402	July 21, 2021	AA	
Company, Incorporated The Chugoku Electric Power Company, Incorporated The Chugoku Ele			•		
The Chugoku Electric Power Company, Incorporated The Chugoku Electric Power Company, I		Bonds no.402	July 21, 2022	AA	
Company, Incorporated The Chugoku Electric Power Company, Incorporated The Chugoku Ele					
The Chugoku Electric Power Company, Incorporated Bonds no.403  The Chugoku Electric Power Company, Incorporated Bonds no.404  The Chugoku Electric Power Company, Incorporated Bonds no.405  Bo		Bonds no.402	July 27, 2023	AA	
Company, Incorporated The Chugoku Electric Power Company, Incorporated The Chugoku Ele					
The Chugoku Electric Power Company, Incorporated The Chugoku Electric Power Company, I	_	Bonds no.403	January 16, 2018	AA	
Company, Incorporated The Chugoku Electric Power Company, Incorporated Bonds no.404 July 21, 2022 AA  The Chugoku Electric Power Company, Incorporated The Chugoku Electric Power Compan		- 1 102			
The Chugoku Electric Power Company, Incorporated Bonds no.403 July 2, 2019 AA  The Chugoku Electric Power Company, Incorporated Bonds no.403 July 20, 2020 AA  The Chugoku Electric Power Company, Incorporated Bonds no.403 July 21, 2021 AA  The Chugoku Electric Power Company, Incorporated Bonds no.403 July 21, 2022 AA  The Chugoku Electric Power Company, Incorporated Bonds no.403 July 27, 2023 AA  The Chugoku Electric Power Company, Incorporated Bonds no.404 April 5, 2018 AA  The Chugoku Electric Power Company, Incorporated Bonds no.404 June 22, 2018 AA  The Chugoku Electric Power Company, Incorporated Bonds no.404 July 2, 2019 AA  The Chugoku Electric Power Company, Incorporated Bonds no.404 July 20, 2020 AA  The Chugoku Electric Power Company, Incorporated Bonds no.404 July 20, 2020 AA  The Chugoku Electric Power Company, Incorporated Bonds no.404 July 21, 2021 AA  The Chugoku Electric Power Company, Incorporated Bonds no.404 July 21, 2021 AA  The Chugoku Electric Power Company, Incorporated Bonds no.404 July 21, 2021 AA  The Chugoku Electric Power Company, Incorporated Bonds no.404 July 21, 2022 AA  The Chugoku Electric Power Company, Incorporated Bonds no.404 July 27, 2023 AA  The Chugoku Electric Power Company, Incorporated Bonds no.404 July 27, 2023 AA  The Chugoku Electric Power Company, Incorporated Bonds no.404 July 27, 2023 AA  The Chugoku Electric Power Company, Incorporated Bonds no.404 July 27, 2023 AA  The Chugoku Electric Power Company, Incorporated Bonds no.404 July 27, 2023 AA	_	Bonds no.403	June 22, 2018	AA	
Company, Incorporated The Chugoku Electric Power Company, Incorporated The Chugoku Ele		Danda na 402	July 2, 2010	A A	
Company, Incorporated The Chugoku Electric Power Company, Incorporated The Chugoku Ele	Company, Incorporated	Bonds no.403	July 2, 2019	AA	
Company, Incorporated The Chugoku Electric Power Company, Incorporated The Chugoku Ele		Bonds no 403	July 20, 2020	ΔΔ	
Company, Incorporated The Chugoku Electric Power Company, Incorporated The Chugoku Ele	1 2: 1	Bolids Ho. 103	3 diy 20, 2020	7 11 1	
Company, Incorporated The Chugoku Electric Power Company, Incorporated The Chugoku Ele	_	Bonds no.403	July 21, 2021	AA	
Company, Incorporated  The Chugoku Electric Power Company, Incorporated  The Chugoku Electric Po			•		
The Chugoku Electric Power Company, Incorporated The Chugoku Electric Power Company, I	_	Bonds no.403	July 21, 2022	AA	
Company, Incorporated  The Chugoku Electric Power Company, Incorporated  The Chugoku Electric Power Company, Incorporated  Bonds no.404  Bonds no.404  The Chugoku Electric Power Company, Incorporated  The Chugoku Electric Power Company, Incorpora					
The Chugoku Electric Power Company, Incorporated The Chugoku Electric Power		Bonds no.403	July 27, 2023	AA	
Company, Incorporated  The Chugoku Electric Power Company, Incorporated  The Chugoku Electric Power Company, Incorporated  Bonds no.404  Bonds no.404  June 22, 2018  AA  June 22, 2018  AA  July 2, 2019  AA  Some and a second a					
The Chugoku Electric Power Company, Incorporated The Chugoku Electric Power Ronds no 405  Bonds no 405  May 18, 2018  AA	_	Bonds no.404	Aprıl 5, 2018	AA	
Company, Incorporated The Chugoku Electric Power Ronds no.405  May 18, 2018  AA		Danda na 404	I.m. 22 2019	A A	
Company, Incorporated The Chugoku Electric Power Ronds no.405  Bonds no.404  AA  AA  AA  AA  AA  AA  AA  AA  AA	Company, Incorporated	Bonds no.404	June 22, 2018	AA	
Company, Incorporated The Chugoku Electric Power Ronds no.404  The Chugoku Electric Power Bonds no.405  May 18, 2018  AA	_	Ronds no 404	July 2 2019	ΔΔ	
Company, Incorporated The Chugoku Electric Power Rompany, Incorporated The Chugoku Electric Power The Chugoku Electric Power Rompany, Incorporated The Chugoku Electric Power		Donas no. 404	July 2, 2017	AA	
The Chugoku Electric Power Company, Incorporated The Chugoku Electric Power Ronds no 405  May 18, 2018  A A		Bonds no.404	July 20, 2020	AA	
Company, Incorporated The Chugoku Electric Power Ronds no.404  Bonds no.404  Bonds no.404  Bonds no.404  AA					
The Chugoku Electric Power Company, Incorporated The Chugoku Electric Power Company, Incorporated  Bonds no.404  Bonds no.404  July 21, 2022  AA  July 27, 2023  AA  May 18, 2018  AA		Bonds no.404	July 21, 2021	AA	
Company, Incorporated The Chugoku Electric Power Company, Incorporated The Chugoku Electric Power			•		
The Chugoku Electric Power Company, Incorporated  Bonds no.404  July 27, 2023  AA  The Chugoku Electric Power  Bonds no.405  May 18, 2018  AA	_	Bonds no.404	July 21, 2022	AA	
Company, Incorporated The Chugoku Electric Power  Bonds no.404  July 27, 2023  AA  May 18, 2018  A A					
The Chugoku Electric Power  Bonds no 405  May 18, 2018  A A	_	Bonds no.404	July 27, 2023	AA	
Company, Incorporated May 18, 2018 AA		Pands no 405	May 19 2019	A A	
	Company, Incorporated	DONUS 110.4U3	May 18, 2018	AA	



Issuer Name	Issue Name	Publication Date	Rating	Outlook/Direction
The Chugoku Electric Power	Bonds no.405	June 22, 2018	AA	
Company, Incorporated		·		
The Chugoku Electric Power	Bonds no.405	July 2, 2019	AA	
Company, Incorporated		•		
The Chugoku Electric Power	Bonds no.405	July 20, 2020	AA	
Company, Incorporated		,		
The Chugoku Electric Power	Bonds no.405	July 21, 2021	AA	
Company, Incorporated		j,		
The Chugoku Electric Power	Bonds no.405	July 21, 2022	AA	
Company, Incorporated	Dellas nevice	0 001) = 1, = 0 = 2		
The Chugoku Electric Power	Bonds no.405	July 27, 2023	AA	
Company, Incorporated	Bolles no. 105	vary 27, 2023	1111	
The Chugoku Electric Power	Bonds no.406	May 18, 2018	AA	
Company, Incorporated	Bonds no.400	Widy 10, 2010	7111	
The Chugoku Electric Power	Bonds no.406	June 22, 2018	AA	
Company, Incorporated	Bolids 110.400	June 22, 2016	ЛΛ	
The Chugoku Electric Power	Bonds no.406	July 2, 2019	AA	
Company, Incorporated	Bolids 110.400	July 2, 2019	AA	
The Chugoku Electric Power	Bonds no.406	Int. 20, 2020	A A	
Company, Incorporated	Bonds no.406	July 20, 2020	AA	
The Chugoku Electric Power	D 1 406	I 1 21 2021	A A	
Company, Incorporated	Bonds no.406	July 21, 2021	AA	
The Chugoku Electric Power	D 1 406	T 1 21 2022		
Company, Incorporated	Bonds no.406	July 21, 2022	AA	
The Chugoku Electric Power	D 1 106	I 1 07 0000		
Company, Incorporated	Bonds no.406	July 27, 2023	AA	
The Chugoku Electric Power				
Company, Incorporated	Bonds no.408	July 5, 2018	AA	
The Chugoku Electric Power				
Company, Incorporated	Bonds no.408	July 2, 2019	AA	
The Chugoku Electric Power				
Company, Incorporated	Bonds no.408	July 20, 2020	AA	
The Chugoku Electric Power				
Company, Incorporated	Bonds no.408	July 21, 2021	AA	
The Chugoku Electric Power				
Company, Incorporated	Bonds no.408	July 21, 2022	AA	
The Chugoku Electric Power				
Company, Incorporated	Bonds no.408	July 27, 2023	AA	
The Chugoku Electric Power				
	Bonds no.409	August 28, 2018	AA	
Company, Incorporated The Chugoku Electric Power				
_	Bonds no.409	July 2, 2019	AA	
Company, Incorporated The Chugoku Electric Power				
	Bonds no.409	July 20, 2020	AA	
Company, Incorporated The Chugoku Electric Power				
	Bonds no.409	July 21, 2021	AA	
Company, Incorporated				
The Chugoku Electric Power	Bonds no.409	July 21, 2022	AA	
Company, Incorporated		-		
The Chugoku Electric Power	Bonds no.409	July 27, 2023	AA	
Company, Incorporated				
The Chugoku Electric Power	Bonds no.410	August 28, 2018	AA	
Company, Incorporated				
The Chugoku Electric Power	Bonds no.410	July 2, 2019	AA	
Company, Incorporated		, , , , , ,		
The Chugoku Electric Power	Bonds no.410	July 20, 2020	AA	
Company, Incorporated		J = 0, = 0 = 0		
The Chugoku Electric Power	Bonds no.410	July 21, 2021	AA	
Company, Incorporated		0 01, 21, 2021		



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Issuer Name	Issue Name	Publication Date	Rating	Outlook/Direction
The Chugoku Electric Power	Bonds no.410	July 21, 2022	AA	
Company, Incorporated		, , ,		
The Chugoku Electric Power	Bonds no.410	July 27, 2023	AA	
Company, Incorporated		J		
The Chugoku Electric Power	Bonds no.411	October 3, 2018	AA	
Company, Incorporated	Bends no. 111	3,2010	1111	
The Chugoku Electric Power	Bonds no.411	July 2, 2019	AA	
Company, Incorporated	Bonds no. 411	July 2, 2017	7111	
The Chugoku Electric Power	Bonds no.411	July 20, 2020	AA	
Company, Incorporated	Donus no. 411	July 20, 2020	7 11 1	
The Chugoku Electric Power	Bonds no.411	July 21, 2021	AA	
Company, Incorporated	Bolids 110.411	July 21, 2021	ЛΛ	
The Chugoku Electric Power	Bonds no.411	July 21, 2022	AA	
Company, Incorporated	Bolids 110.411	July 21, 2022	AA	
The Chugoku Electric Power	D4 411	L-1 27, 2022	A A	
Company, Incorporated	Bonds no.411	July 27, 2023	AA	
The Chugoku Electric Power	D 1 412	17 2010	A A	
Company, Incorporated	Bonds no.412	January 17, 2019	AA	
The Chugoku Electric Power	D 1 412	T 1 2 2010		
Company, Incorporated	Bonds no.412	July 2, 2019	AA	
The Chugoku Electric Power				
Company, Incorporated	Bonds no.412	July 20, 2020	AA	
The Chugoku Electric Power				
Company, Incorporated	Bonds no.412	July 21, 2021	AA	
The Chugoku Electric Power				
Company, Incorporated	Bonds no.412	July 21, 2022	AA	
The Chugoku Electric Power				
Company, Incorporated	Bonds no.412	July 27, 2023	AA	
The Chugoku Electric Power				
Company, Incorporated	Bonds no.413	February 19, 2019	AA	
The Chugoku Electric Power				
Company, Incorporated	Bonds no.413	July 2, 2019	AA	
The Chugoku Electric Power				
Company, Incorporated	Bonds no.413	July 20, 2020	AA	
The Chugoku Electric Power				
Company, Incorporated	Bonds no.413	July 21, 2021	AA	
The Chugoku Electric Power				
Company, Incorporated	Bonds no.413	July 21, 2022	AA	
The Chugoku Electric Power				
Company, Incorporated	Bonds no.413	July 27, 2023	AA	
The Chugoku Electric Power				
Company, Incorporated	Bonds no.414	April 5, 2019	AA	
The Chugoku Electric Power				
	Bonds no.414	July 2, 2019	AA	
Company, Incorporated The Chugoku Electric Power				
Company, Incorporated	Bonds no.414	July 20, 2020	AA	
The Chugoku Electric Power				
Company, Incorporated	Bonds no.414	July 21, 2021	AA	
The Chugoku Electric Power				
_	Bonds no.414	July 21, 2022	AA	
Company, Incorporated The Chugoku Electric Power				
_	Bonds no.414	July 27, 2023	AA	
Company, Incorporated The Chugoku Electric Power				
=	Bonds no.416	May 22, 2019	AA	
Company, Incorporated The Churchy Electric Power				
The Chugoku Electric Power	Bonds no.416	July 2, 2019	AA	
Company, Incorporated		-		
The Chugoku Electric Power	Bonds no.416	July 20, 2020	AA	
Company, Incorporated		• *		



Issuer Name	Issue Name	Publication Date	Rating	Outlook/Direction
The Chugoku Electric Power	Bonds no.416	July 21, 2021	AA	
Company, Incorporated		,		
The Chugoku Electric Power	Bonds no.416	July 21, 2022	AA	
Company, Incorporated				
The Chugoku Electric Power	Bonds no.416	July 27, 2023	AA	
Company, Incorporated	Donus no.410	July 27, 2023	7 1.7 1	
The Chugoku Electric Power	Bonds no.417	May 22, 2010	A A	
Company, Incorporated	Bolids IIO.41 /	May 22, 2019	AA	
The Chugoku Electric Power	D 1 417	T 1 2 2010		
Company, Incorporated	Bonds no.417	July 2, 2019	AA	
The Chugoku Electric Power				
Company, Incorporated	Bonds no.417	July 20, 2020	AA	
The Chugoku Electric Power				
Company, Incorporated	Bonds no.417	July 21, 2021	AA	
The Chugoku Electric Power				
	Bonds no.417	July 21, 2022	AA	
Company, Incorporated		•		
The Chugoku Electric Power	Bonds no.417	July 27, 2023	AA	
Company, Incorporated		<b>,</b> , , , , ,		
The Chugoku Electric Power	Bonds no.418	July 5, 2019	AA	
Company, Incorporated	Donus no.410	July 3, 2017	7111	
The Chugoku Electric Power	Bonds no.418	Int. 20, 2020	A A	
Company, Incorporated	Bonds no.418	July 20, 2020	AA	
The Chugoku Electric Power	D 1 110	X 1 01 0001		
Company, Incorporated	Bonds no.418	July 21, 2021	AA	
The Chugoku Electric Power				
Company, Incorporated	Bonds no.418	July 21, 2022	AA	
The Chugoku Electric Power				
Company, Incorporated	Bonds no.418	July 27, 2023	AA	
The Chugoku Electric Power				
	Bonds no.419	September 12, 2019	AA	
Company, Incorporated				
The Chugoku Electric Power	Bonds no.419	July 20, 2020	AA	
Company, Incorporated		•		
The Chugoku Electric Power	Bonds no.419	July 21, 2021	AA	
Company, Incorporated	Bollas IIo. 119	vary 21, 2021	7 11 1	
The Chugoku Electric Power	Bonds no.419	July 21, 2022	AA	
Company, Incorporated	Bolids 110.41)	July 21, 2022	AA	
The Chugoku Electric Power	Bonds no.419	July 27, 2023	A A	
Company, Incorporated	Bonds no.419	July 27, 2023	AA	
The Chugoku Electric Power	D 1 420	0 . 1 . 4 2010		
Company, Incorporated	Bonds no.420	October 4, 2019	AA	
The Chugoku Electric Power				
Company, Incorporated	Bonds no.420	July 20, 2020	AA	
The Chugoku Electric Power				
Company, Incorporated	Bonds no.420	July 21, 2021	AA	
The Chugoku Electric Power				
	Bonds no.420	July 21, 2022	AA	
Company, Incorporated				
The Chugoku Electric Power	Bonds no.420	July 27, 2023	AA	
Company, Incorporated		•		
The Chugoku Electric Power	Bonds no.421	November 26, 2019	AA	
Company, Incorporated		20, 2019		
The Chugoku Electric Power	Bonds no.421	July 20, 2020	AA	
Company, Incorporated	DOING 110.721	July 20, 2020	лл	
The Chugoku Electric Power	Bonds no.421	Inly 21 2021	A A	
Company, Incorporated	DOIIUS 110.421	July 21, 2021	AA	
The Chugoku Electric Power	D 1 421	T 1 01 0000		
Company, Incorporated	Bonds no.421	July 21, 2022	AA	
The Chugoku Electric Power				
Company, Incorporated	Bonds no.421	July 27, 2023	AA	
company, meorporated				



Issuer Name	Issue Name	Publication Date	Rating	Outlook/Direction
The Chugoku Electric Power				
Company, Incorporated	Bonds no.422	April 10, 2020	AA	
The Chugoku Electric Power	Bonds no.422	July 20, 2020	AA	
Company, Incorporated	Bonds no. 122	tary 20, 2020	7 11 1	
The Chugoku Electric Power	Bonds no.422	July 21, 2021	AA	
Company, Incorporated The Chugoku Electric Power		-		
Company, Incorporated	Bonds no.422	July 21, 2022	AA	
The Chugoku Electric Power				
Company, Incorporated	Bonds no.422	July 27, 2023	AA	
The Chugoku Electric Power	D 1 422	1 10 2020		
Company, Incorporated	Bonds no.423	April 10, 2020	AA	
The Chugoku Electric Power	Bonds no.423	Int. 20, 2020	A A	
Company, Incorporated	Bonds no.423	July 20, 2020	AA	
The Chugoku Electric Power	Bonds no.423	July 21, 2021	AA	
Company, Incorporated	Bolids 110.425	July 21, 2021	ЛЛ	
The Chugoku Electric Power	Bonds no.423	July 21, 2022	AA	
Company, Incorporated	Bonds no. 120	oury 21, 2022	7 11 1	
The Chugoku Electric Power	Bonds no.423	July 27, 2023	AA	
Company, Incorporated		,		
The Chugoku Electric Power	Bonds no.424	May 15, 2020	AA	
Company, Incorporated The Chugoku Electric Power		-		
Company, Incorporated	Bonds no.424	July 20, 2020	AA	
The Chugoku Electric Power				
Company, Incorporated	Bonds no.424	July 21, 2021	AA	
The Chugoku Electric Power				
Company, Incorporated	Bonds no.424	July 21, 2022	AA	
The Chugoku Electric Power	D 1 424	1 1 27 2022		
Company, Incorporated	Bonds no.424	July 27, 2023	AA	
The Chugoku Electric Power	Bonds no.425	I 11 2020	A A	
Company, Incorporated	Bonds no.423	June 11, 2020	AA	
The Chugoku Electric Power	Bonds no.425	July 20, 2020	AA	
Company, Incorporated	Donas 110.425	July 20, 2020	71/1	
The Chugoku Electric Power	Bonds no.425	July 21, 2021	AA	
Company, Incorporated	-	<b>3</b> , ·		
The Chugoku Electric Power	Bonds no.425	July 21, 2022	AA	
Company, Incorporated				
The Chugoku Electric Power Company, Incorporated	Bonds no.425	July 27, 2023	AA	
The Chugoku Electric Power				
Company, Incorporated	Bonds no.426	July 3, 2020	AA	
The Chugoku Electric Power				
Company, Incorporated	Bonds no.426	July 20, 2020	AA	
The Chugoku Electric Power	D 1 426	I 1 21 2021		
Company, Incorporated	Bonds no.426	July 21, 2021	AA	
The Chugoku Electric Power	Bonds no.426	Int. 21 2022	A A	
Company, Incorporated	Bonds no.420	July 21, 2022	AA	
The Chugoku Electric Power	Bonds no.426	July 27, 2023	AA	
Company, Incorporated	20100 110.720	July 21, 2023	АА	
The Chugoku Electric Power	Bonds no.427	August 25, 2020	AA	
Company, Incorporated	,			
The Chugoku Electric Power	Bonds no.427	July 21, 2021	AA	
Company, Incorporated		, , , , , , , , , , , , , , , , , , , ,		
The Chugoku Electric Power	Bonds no.427	July 21, 2022	AA	
Company, Incorporated The Chugoku Electric Power		-		
Company, Incorporated	Bonds no.427	July 27, 2023	AA	
Company, incorporated				



Issuer Name	Issue Name	Publication Date	Rating	Outlook/Direction
The Chugoku Electric Power	Bonds no.428	St12 2020		
Company, Incorporated	Bonds no.428	September 3, 2020	AA	
The Chugoku Electric Power	Bonds no.428	July 21, 2021	AA	
Company, Incorporated	Bolids no. 120	July 21, 2021	7 11 1	
The Chugoku Electric Power	Bonds no.428	July 21, 2022	AA	
Company, Incorporated		,		
The Chugoku Electric Power	Bonds no.428	July 27, 2023	AA	
Company, Incorporated The Chugoku Electric Power				
Company, Incorporated	Bonds no.429	October 16, 2020	AA	
The Chugoku Electric Power				
Company, Incorporated	Bonds no.429	July 21, 2021	AA	
The Chugoku Electric Power	D1 420	I121 2022	A A	
Company, Incorporated	Bonds no.429	July 21, 2022	AA	
The Chugoku Electric Power	Bonds no.429	July 27, 2023	AA	
Company, Incorporated	Bolids 110.429	July 27, 2023	ЛЛ	
The Chugoku Electric Power	Bonds no.430	February 26, 2021	AA	
Company, Incorporated				
The Chugoku Electric Power	Bonds no.430	July 21, 2021	AA	
Company, Incorporated				
The Chugoku Electric Power Company, Incorporated	Bonds no.430	July 21, 2022	AA	
The Chugoku Electric Power				
Company, Incorporated	Bonds no.430	July 27, 2023	AA	
The Chugoku Electric Power				
Company, Incorporated	Bonds no.431	April 2, 2021	AA	
The Chugoku Electric Power	D 1 421	1 1 21 2021		
Company, Incorporated	Bonds no.431	July 21, 2021	AA	
The Chugoku Electric Power	Bonds no.431	July 21, 2022	AA	
Company, Incorporated	Bonds no.+31	July 21, 2022	AA	
The Chugoku Electric Power	Bonds no.431	July 27, 2023	AA	
Company, Incorporated	-	<b>y</b> 1, 1 -		
The Chugoku Electric Power	Bonds no.1(subordinated)	December 3, 2021	A+	
Company, Incorporated The Chugoku Electric Power				
Company, Incorporated	Bonds no.1(subordinated)	July 21, 2022	A+	
The Chugoku Electric Power				
Company, Incorporated	Bonds no.1(subordinated)	July 27, 2023	A+	
The Chugoku Electric Power	Bonds no.432	I14 2022	A A	
Company, Incorporated	Bonds no.432	January 14, 2022	AA	
The Chugoku Electric Power	Bonds no.432	July 21, 2022	AA	
Company, Incorporated	Bonds no. 432	July 21, 2022	71/1	
The Chugoku Electric Power	Bonds no.432	July 27, 2023	AA	
Company, Incorporated		,		
The Chugoku Electric Power	Bonds no.433	February 18, 2022	AA	
Company, Incorporated The Chugoku Electric Power				
Company, Incorporated	Bonds no.433	July 21, 2022	AA	
The Chugoku Electric Power				
Company, Incorporated	Bonds no.433	July 27, 2023	AA	
The Chugoku Electric Power	Danda no 424	Eab19 2022	A A	
Company, Incorporated	Bonds no.434	February 18, 2022	AA	
The Chugoku Electric Power	Bonds no.434	July 21, 2022	AA	
Company, Incorporated	Zondo no. 137	July 21, 2022	1111	
The Chugoku Electric Power	Bonds no.434	July 27, 2023	AA	
Company, Incorporated		J , = 0.20		
The Chugoku Electric Power	Bonds no.435	February 18, 2022	AA	
Company, Incorporated				



Issuer Name	Issue Name	Publication Date	Rating	Outlook/Direction
The Chugoku Electric Power	Bonds no.435	July 21, 2022	AA	
Company, Incorporated		, ,		
The Chugoku Electric Power	Bonds no.435	July 27, 2023	AA	
Company, Incorporated		J		
The Chugoku Electric Power	Bonds no.436	April 6, 2022	AA	
Company, Incorporated	Bonds no. 450	71pm 0, 2022	7 11 1	
The Chugoku Electric Power	Bonds no.436	July 21, 2022	A A	
Company, Incorporated	Bolius 110.430	July 21, 2022	AA	
The Chugoku Electric Power	D 1 426	I 1 27 2022		
Company, Incorporated	Bonds no.436	July 27, 2023	AA	
The Chugoku Electric Power				
Company, Incorporated	Bonds no.437	April 6, 2022	AA	
The Chugoku Electric Power				
Company, Incorporated	Bonds no.437	July 21, 2022	AA	
The Chugoku Electric Power				
	Bonds no.437	July 27, 2023	AA	
Company, Incorporated		•		
The Chugoku Electric Power	Bonds no.438	May 13, 2022	AA	
Company, Incorporated		<b>,</b> -, -		
The Chugoku Electric Power	Bonds no.438	July 21, 2022	AA	
Company, Incorporated	Donus no. 450	July 21, 2022	7 11 1	
The Chugoku Electric Power	Bonds no.438	July 27, 2023	AA	
Company, Incorporated	Bolius 110.438	July 27, 2023	AA	
The Chugoku Electric Power	D 1 420	M 12 2022	A A	
Company, Incorporated	Bonds no.439	May 13, 2022	AA	
The Chugoku Electric Power				
Company, Incorporated	Bonds no.439	July 21, 2022	AA	
The Chugoku Electric Power				
Company, Incorporated	Bonds no.439	July 27, 2023	AA	
The Chugoku Electric Power				
Company, Incorporated	Bonds no.440	June 7, 2022	AA	
The Chugoku Electric Power				
	Bonds no.440	July 21, 2022	AA	
Company, Incorporated		-		
The Chugoku Electric Power	Bonds no.440	July 27, 2023	AA	
Company, Incorporated		,		
The Chugoku Electric Power	Bonds no.441	July 7, 2022	AA	
Company, Incorporated		, ,,		
The Chugoku Electric Power	Bonds no.441	July 21, 2022	AA	
Company, Incorporated	Donus no.441	July 21, 2022	7 11 1	
The Chugoku Electric Power	Bonds no.441	July 27, 2023	AA	
Company, Incorporated	Dollus 110.441	July 27, 2023	AA	
The Chugoku Electric Power	D 1 442	4 10 2022		
Company, Incorporated	Bonds no.442	August 19, 2022	AA	
The Chugoku Electric Power	D 1 110	X 1 05 0000		
Company, Incorporated	Bonds no.442	July 27, 2023	AA	
The Chugoku Electric Power				
Company, Incorporated	Bonds no.443	August 19, 2022	AA	
The Chugoku Electric Power				
Company, Incorporated	Bonds no.443	July 27, 2023	AA	
The Chugoku Electric Power	Bonds no.444	August 19, 2022	AA	
Company, Incorporated		-		
The Chugoku Electric Power	Bonds no.444	July 27, 2023	AA	
Company, Incorporated		J, = 3.20		
The Chugoku Electric Power	Bonds no.445	August 30, 2022	AA	
Company, Incorporated	20140 1101 110	1145450 50, 2022	1 11 1	
The Chugoku Electric Power	Bonds no.445	July 27, 2023	AA	
Company, Incorporated	Dollo liu. TTJ	July 27, 2023	AA.	
The Chugoku Electric Power	Pands no 116	Apparent 20, 2022	A A	
Company, Incorporated	Bonds no.446	August 30, 2022	AA	
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Issuer Name	Issue Name	Publication Date	Rating	Outlook/Direction
The Chugoku Electric Power	Bonds no.446	Int- 27, 2022	Α Λ	
Company, Incorporated	Bonds no.446	July 27, 2023	AA	
The Chugoku Electric Power	D 1 447	14 26 2022		
Company, Incorporated	Bonds no.447	May 26, 2023	AA	
The Chugoku Electric Power	D 1 1/5	1.1.07.0000		
Company, Incorporated	Bonds no.447	July 27, 2023	AA	
The Chugoku Electric Power	D 1 440	16 26 2022		
Company, Incorporated	Bonds no.448	May 26, 2023	AA	
The Chugoku Electric Power	D 1 440	I 1 27 2022		
Company, Incorporated	Bonds no.448	July 27, 2023	AA	
The Chugoku Electric Power	D 1 440	I 7 2022		
Company, Incorporated	Bonds no.449	June 7, 2023	AA	
The Chugoku Electric Power	D 1 440	X 1 07 0000		
Company, Incorporated	Bonds no.449	July 27, 2023	AA	
The Chugoku Electric Power	- 1 150			
Company, Incorporated	Bonds no.450	July 7, 2023	AA	
The Chugoku Electric Power				
Company, Incorporated	Bonds no.450	July 27, 2023	AA	
The Chugoku Electric Power				
Company, Incorporated	Bonds no.451	July 7, 2023	AA	
The Chugoku Electric Power				
Company, Incorporated	Bonds no.451	July 27, 2023	AA	
The Chugoku Electric Power		July 7, 2023	AA	
Company, Incorporated	Bonds no.452			
The Chugoku Electric Power		July 27, 2023	AA	
Company, Incorporated	Bonds no.452			
The Chugoku Electric Power				
Company, Incorporated	Bonds no.453	October 5, 2023	AA	
The Chugoku Electric Power				
Company, Incorporated	Bonds no.454	October 5, 2023	AA	
The Chugoku Electric Power				
Company, Incorporated	Bonds no.455	October 5, 2023	AA	
The Chugoku Electric Power				
Company, Incorporated	Bonds no.456	May 23, 2024	AA	
The Chugoku Electric Power				
Company, Incorporated	Bonds no.457	May 23, 2024	AA	
The Chugoku Electric Power				
Company, Incorporated	Bonds no.458	May 23, 2024	AA	
The Chugoku Electric Power				
Company, Incorporated	Bonds no.459	July 4, 2024	AA	
The Chugoku Electric Power			AA	
Company, Incorporated	Bonds no.460	July 4, 2024		
The Chugoku Electric Power		July 4, 2024	AA	
Company, Incorporated	Bonds no.461			
The Chugoku Electric Power				
Company, Incorporated	Loan(subordinated)	September 29, 2022	A+	
The Chugoku Electric Power				
Company, Incorporated	Loan(subordinated)	July 27, 2023	A+	
Company, incorporated				

## 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



## INFORMATION DISCLOSURE FORM

Japan Credit Rating Agency, Ltd.

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

lssuer:	Tohoku Electric Power Company, Incorporated
Rating Publication Date:	July 29, 2024

- 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. If the credit rating is a private rating, please see the report for private rating.
- 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. If the credit rating is a private rating, please see the report for private rating.
- 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.
- 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.
- 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.
- 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.
- The Types of Data Relied Upon for the Purpose of Determining the Credit Rating as Required by Paragraph (a)(1)(ii)(H) of Rule17g-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
  - C) Documentation of the rated financial product 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)(l) 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 warranty made by the issuer, the publication by the issuer, 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.
- · If the credit rating is an Indication, please see the report for Indication.

## 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 public or private 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.

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/

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.

Jiji Press Building, 5-15-8 Ginza, Chuo-ku, Tokyo 104-0061, Japan
Tel. +81 3 3544 7013, Fax. +81 3 3544 7026



Issuer Name	Issue Name	Publication Date	Rating	Outlook/Direction
Tohoku Electric Power Company,	Issuer(Long-term)	April 27, 2012	AA	Negative
Incorporated Tohoku Electric Power Company, Incorporated	Issuer(Long-term)	July 25, 2013	AA-	Negative
Tohoku Electric Power Company, Incorporated	Issuer(Long-term)	August 28, 2014	AA-	Negative
Tohoku Electric Power Company, Incorporated	Issuer(Long-term)	August 25, 2015	AA-	Stable
Tohoku Electric Power Company, Incorporated	Issuer(Long-term)	June 29, 2016	AA-	Stable
Tohoku Electric Power Company, Incorporated	Issuer(Long-term)	July 3, 2017	AA-	Positive
Tohoku Electric Power Company, Incorporated	Issuer(Long-term)	June 22, 2018	AA-	Positive
Tohoku Electric Power Company, Incorporated	Issuer(Long-term)	July 2, 2019	AA	Stable
Tohoku Electric Power Company, Incorporated	Issuer(Long-term)	July 20, 2020	AA	Stable
Tohoku Electric Power Company, Incorporated	Issuer(Long-term)	July 21, 2021	AA	Stable
Tohoku Electric Power Company, Incorporated	Issuer(Long-term)	July 21, 2022	AA	Stable
Tohoku Electric Power Company, Incorporated	Issuer(Long-term)	July 27, 2023	AA	Stable
Tohoku Electric Power Company, Incorporated	Bonds no.475	September 5, 2014	AA-	
Tohoku Electric Power Company, Incorporated	Bonds no.475	August 25, 2015	AA-	
Tohoku Electric Power Company, Incorporated	Bonds no.475	June 29, 2016	AA-	
Tohoku Electric Power Company, Incorporated	Bonds no.475	July 3, 2017	AA-	
Tohoku Electric Power Company, Incorporated	Bonds no.475	June 22, 2018	AA-	
Tohoku Electric Power Company, Incorporated	Bonds no.475	July 2, 2019	AA	
Tohoku Electric Power Company, Incorporated	Bonds no.475	July 20, 2020	AA	
Tohoku Electric Power Company, Incorporated	Bonds no.475	July 21, 2021	AA	
Tohoku Electric Power Company, Incorporated	Bonds no.475	July 21, 2022	AA	
Tohoku Electric Power Company, Incorporated	Bonds no.475	July 27, 2023	AA	
Tohoku Electric Power Company, Incorporated	Bonds no.476	January 9, 2015	AA-	
Tohoku Electric Power Company, Incorporated	Bonds no.476	August 25, 2015	AA-	
Tohoku Electric Power Company, Incorporated	Bonds no.476	June 29, 2016	AA-	
Tohoku Electric Power Company, Incorporated	Bonds no.476	July 3, 2017	AA-	
Tohoku Electric Power Company, Incorporated	Bonds no.476	June 22, 2018	AA-	
Tohoku Electric Power Company, Incorporated	Bonds no.476	July 2, 2019	AA	
Tohoku Electric Power Company, Incorporated	Bonds no.476	July 20, 2020	AA	
Tohoku Electric Power Company, Incorporated	Bonds no.476	July 21, 2021	AA	



Issuer Name	Issue Name	Publication Date	Rating	Outlook/Direction
Tohoku Electric Power Company,	Bonds no.476	July 21, 2022	AA	
Incorporated Tohoku Electric Power Company,				
Incorporated	Bonds no.476	July 27, 2023	AA	
Tohoku Electric Power Company, Incorporated	Bonds no.477	February 17, 2015	AA-	
Tohoku Electric Power Company, Incorporated	Bonds no.477	August 25, 2015	AA-	
Tohoku Electric Power Company,	Bonds no.477	June 29, 2016	AA-	
Incorporated Tohoku Electric Power Company,	Bonds no.477	July 3, 2017	AA-	
Incorporated Tohoku Electric Power Company,	Bonds no.477		AA-	
Incorporated Tohoku Electric Power Company,		June 22, 2018		
Incorporated	Bonds no.477	July 2, 2019	AA	
Tohoku Electric Power Company, Incorporated	Bonds no.477	July 20, 2020	AA	
Tohoku Electric Power Company, Incorporated	Bonds no.477	July 21, 2021	AA	
Tohoku Electric Power Company, Incorporated	Bonds no.477	July 21, 2022	AA	
Tohoku Electric Power Company, Incorporated	Bonds no.477	July 27, 2023	AA	
Tohoku Electric Power Company, Incorporated	Bonds no.478	February 17, 2015	AA-	
Tohoku Electric Power Company, Incorporated	Bonds no.478	August 25, 2015	AA-	
Tohoku Electric Power Company, Incorporated	Bonds no.478	June 29, 2016	AA-	
Tohoku Electric Power Company, Incorporated	Bonds no.478	July 3, 2017	AA-	
Tohoku Electric Power Company, Incorporated	Bonds no.478	June 22, 2018	AA-	
Tohoku Electric Power Company, Incorporated	Bonds no.478	July 2, 2019	AA	
Tohoku Electric Power Company, Incorporated	Bonds no.478	July 20, 2020	AA	
Tohoku Electric Power Company,	Bonds no.478	July 21, 2021	AA	
Incorporated Tohoku Electric Power Company,	Bonds no.478	July 21, 2022	AA	
Incorporated Tohoku Electric Power Company,	Bonds no.478	July 27, 2023	AA	
Incorporated Tohoku Electric Power Company,	Bonds no.480	April 21, 2015	AA-	
Incorporated Tohoku Electric Power Company,	Bonds no.480	August 25, 2015	AA-	
Incorporated Tohoku Electric Power Company,	Bonds no.480	June 29, 2016	AA-	
Incorporated Tohoku Electric Power Company,	Bonds no.480	July 3, 2017	AA-	
Incorporated Tohoku Electric Power Company,	Bonds no.480	June 22, 2018	AA-	
Incorporated Tohoku Electric Power Company,	Bonds no.480	July 2, 2019	AA-	
Incorporated Tohoku Electric Power Company,				
Incorporated Tohoku Electric Power Company,	Bonds no.480	July 20, 2020	AA	
Incorporated	Bonds no.480	July 21, 2021	AA	



Issuer Name	Issue Name	Publication Date	Rating	Outlook/Direction
Tohoku Electric Power Company,	Bonds no.480	July 21, 2022	AA	
Incorporated Tohoku Electric Power Company,	Bonds no.480	July 27, 2023	AA	
Incorporated Tohoku Electric Power Company,	Bonds no.481	July 14, 2015	AA-	
Incorporated Tohoku Electric Power Company,	Bonds no.481	August 25, 2015	AA-	
Incorporated Tohoku Electric Power Company, Incorporated	Bonds no.481	June 29, 2016	AA-	
Tohoku Electric Power Company,	Bonds no.481	July 3, 2017	AA-	
Incorporated Tohoku Electric Power Company, Incorporated	Bonds no.481	June 22, 2018	AA-	
Tohoku Electric Power Company, Incorporated	Bonds no.481	July 2, 2019	AA	
Tohoku Electric Power Company, Incorporated	Bonds no.481	July 20, 2020	AA	
Tohoku Electric Power Company, Incorporated	Bonds no.481	July 21, 2021	AA	
Tohoku Electric Power Company, Incorporated	Bonds no.481	July 21, 2022	AA	
Tohoku Electric Power Company, Incorporated	Bonds no.481	July 27, 2023	AA	
Tohoku Electric Power Company, Incorporated	Bonds no.482	February 19, 2016	AA-	
Tohoku Electric Power Company, Incorporated	Bonds no.482	June 29, 2016	AA-	
Tohoku Electric Power Company, Incorporated	Bonds no.482	July 3, 2017	AA-	
Tohoku Electric Power Company, Incorporated	Bonds no.482	June 22, 2018	AA-	
Tohoku Electric Power Company, Incorporated	Bonds no.482	July 2, 2019	AA	
Tohoku Electric Power Company, Incorporated	Bonds no.482	July 20, 2020	AA	
Tohoku Electric Power Company, Incorporated	Bonds no.482	July 21, 2021	AA	
Tohoku Electric Power Company, Incorporated	Bonds no.482	July 21, 2022	AA	
Tohoku Electric Power Company, Incorporated	Bonds no.482	July 27, 2023	AA	
Tohoku Electric Power Company, Incorporated	Bonds no.483	May 18, 2016	AA-	
Tohoku Electric Power Company, Incorporated	Bonds no.483	June 29, 2016	AA-	
Tohoku Electric Power Company, Incorporated	Bonds no.483	July 3, 2017	AA-	
Tohoku Electric Power Company, Incorporated	Bonds no.483	June 22, 2018	AA-	
Tohoku Electric Power Company, Incorporated	Bonds no.483	July 2, 2019	AA	
Tohoku Electric Power Company, Incorporated	Bonds no.483	July 20, 2020	AA	
Tohoku Electric Power Company, Incorporated	Bonds no.483	July 21, 2021	AA	
Tohoku Electric Power Company, Incorporated	Bonds no.483	July 21, 2022	AA	
Tohoku Electric Power Company, Incorporated	Bonds no.483	July 27, 2023	AA	



Issuer Name	Issue Name	Publication Date	Rating	Outlook/Direction
Tohoku Electric Power Company,	Bonds no.484	May 18, 2016	AA-	
Incorporated Tohoku Electric Power Company,	Bonds no.484	June 29, 2016	AA-	
Incorporated Tohoku Electric Power Company,	Bonds no.484	July 3, 2017	AA-	
Incorporated Tohoku Electric Power Company,	Bonds no.484	June 22, 2018	AA-	
Incorporated Tohoku Electric Power Company, Incorporated	Bonds no.484	July 2, 2019	AA	
Tohoku Electric Power Company,	Bonds no.484	July 20, 2020	AA	
Incorporated Tohoku Electric Power Company, Incorporated	Bonds no.484	July 21, 2021	AA	
Tohoku Electric Power Company, Incorporated	Bonds no.484	July 21, 2022	AA	
Tohoku Electric Power Company, Incorporated	Bonds no.484	July 27, 2023	AA	
Tohoku Electric Power Company, Incorporated	Bonds no.485	July 8, 2016	AA-	
Tohoku Electric Power Company, Incorporated	Bonds no.485	July 3, 2017	AA-	
Tohoku Electric Power Company, Incorporated	Bonds no.485	June 22, 2018	AA-	
Tohoku Electric Power Company, Incorporated	Bonds no.485	July 2, 2019	AA	
Tohoku Electric Power Company, Incorporated	Bonds no.485	July 20, 2020	AA	
Tohoku Electric Power Company, Incorporated	Bonds no.485	July 21, 2021	AA	
Tohoku Electric Power Company, Incorporated	Bonds no.485	July 21, 2022	AA	
Tohoku Electric Power Company, Incorporated	Bonds no.485	July 27, 2023	AA	
Tohoku Electric Power Company, Incorporated	Bonds no.486	July 8, 2016	AA-	
Tohoku Electric Power Company, Incorporated	Bonds no.486	July 3, 2017	AA-	
Tohoku Electric Power Company, Incorporated	Bonds no.486	June 22, 2018	AA-	
Tohoku Electric Power Company, Incorporated	Bonds no.486	July 2, 2019	AA	
Tohoku Electric Power Company, Incorporated	Bonds no.486	July 20, 2020	AA	
Tohoku Electric Power Company, Incorporated	Bonds no.486	July 21, 2021	AA	
Tohoku Electric Power Company, Incorporated	Bonds no.486	July 21, 2022	AA	
Tohoku Electric Power Company, Incorporated	Bonds no.486	July 27, 2023	AA	
Tohoku Electric Power Company, Incorporated	Bonds no.488	October 14, 2016	AA-	
Tohoku Electric Power Company, Incorporated	Bonds no.488	July 3, 2017	AA-	
Tohoku Electric Power Company, Incorporated	Bonds no.488	June 22, 2018	AA-	
Tohoku Electric Power Company, Incorporated	Bonds no.488	July 2, 2019	AA	
Tohoku Electric Power Company, Incorporated	Bonds no.488	July 20, 2020	AA	



Issuer Name	Issue Name	Publication Date	Rating	Outlook/Direction
Tohoku Electric Power Company,	Bonds no.488	July 21, 2021	AA	
Incorporated Tohoku Electric Power Company,	Bonds no.488	July 21, 2022	AA	
Incorporated Tohoku Electric Power Company,	Bonds no.488	July 27, 2023	AA	
Incorporated Tohoku Electric Power Company,	Bonds no.491	February 22, 2017	AA-	
Incorporated Tohoku Electric Power Company, Incorporated	Bonds no.491	July 3, 2017	AA-	
Tohoku Electric Power Company,	Bonds no.491	June 22, 2018	AA-	
Incorporated Tohoku Electric Power Company, Incorporated	Bonds no.491	July 2, 2019	AA	
Tohoku Electric Power Company, Incorporated	Bonds no.491	July 20, 2020	AA	
Tohoku Electric Power Company, Incorporated	Bonds no.491	July 21, 2021	AA	
Tohoku Electric Power Company, Incorporated	Bonds no.491	July 21, 2022	AA	
Tohoku Electric Power Company, Incorporated	Bonds no.491	July 27, 2023	AA	
Tohoku Electric Power Company, Incorporated	Bonds no.492	April 14, 2017	AA-	
Tohoku Electric Power Company, Incorporated	Bonds no.492	July 3, 2017	AA-	
Tohoku Electric Power Company, Incorporated	Bonds no.492	June 22, 2018	AA-	
Tohoku Electric Power Company, Incorporated	Bonds no.492	July 2, 2019	AA	
Tohoku Electric Power Company, Incorporated	Bonds no.492	July 20, 2020	AA	
Tohoku Electric Power Company, Incorporated	Bonds no.492	July 21, 2021	AA	
Tohoku Electric Power Company, Incorporated	Bonds no.492	July 21, 2022	AA	
Tohoku Electric Power Company, Incorporated	Bonds no.492	July 27, 2023	AA	
Tohoku Electric Power Company, Incorporated	Bonds no.493	April 14, 2017	AA-	
Tohoku Electric Power Company, Incorporated	Bonds no.493	July 3, 2017	AA-	
Tohoku Electric Power Company, Incorporated	Bonds no.493	June 22, 2018	AA-	
Tohoku Electric Power Company, Incorporated	Bonds no.493	July 2, 2019	AA	
Tohoku Electric Power Company, Incorporated	Bonds no.493	July 20, 2020	AA	
Tohoku Electric Power Company, Incorporated	Bonds no.493	July 21, 2021	AA	
Tohoku Electric Power Company, Incorporated	Bonds no.493	July 21, 2022	AA	
Tohoku Electric Power Company, Incorporated	Bonds no.493	July 27, 2023	AA	
Tohoku Electric Power Company, Incorporated	Bonds no.494	June 2, 2017	AA-	
Tohoku Electric Power Company, Incorporated	Bonds no.494	July 3, 2017	AA-	
Tohoku Electric Power Company, Incorporated	Bonds no.494	June 22, 2018	AA-	



Issuer Name	Issue Name	Publication Date	Rating	Outlook/Direction
Tohoku Electric Power Company,	Bonds no.494	July 2, 2019	AA	
Incorporated Tabeley Electric Power Company		5.3.7 2, 2017		
Tohoku Electric Power Company, Incorporated	Bonds no.494	July 20, 2020	AA	
Tohoku Electric Power Company,	Bonds no.494	July 21, 2021	AA	
Incorporated Tohoku Electric Power Company,	Bonds no.494	July 21, 2022	AA	
Incorporated Tohoku Electric Power Company,	-			
Incorporated	Bonds no.494	July 27, 2023	AA	
Tohoku Electric Power Company, Incorporated	Bonds no.496	September 1, 2017	AA-	
Tohoku Electric Power Company,	Bonds no.496	June 22, 2018	AA-	
Incorporated Tohoku Electric Power Company, Incorporated	Bonds no.496	July 2, 2019	AA	
Tohoku Electric Power Company,	Bonds no.496	July 20, 2020	AA	
Incorporated Tohoku Electric Power Company,	Bonds no.496	July 21, 2021	AA	
Incorporated Tohoku Electric Power Company,		-		
Incorporated	Bonds no.496	July 21, 2022	AA	
Tohoku Electric Power Company, Incorporated	Bonds no.496	July 27, 2023	AA	
Tohoku Electric Power Company, Incorporated	Bonds no.497	September 1, 2017	AA-	
Tohoku Electric Power Company, Incorporated	Bonds no.497	June 22, 2018	AA-	
Tohoku Electric Power Company, Incorporated	Bonds no.497	July 2, 2019	AA	
Tohoku Electric Power Company, Incorporated	Bonds no.497	July 20, 2020	AA	
Tohoku Electric Power Company, Incorporated	Bonds no.497	July 21, 2021	AA	
Tohoku Electric Power Company, Incorporated	Bonds no.497	July 21, 2022	AA	
Tohoku Electric Power Company, Incorporated	Bonds no.497	July 27, 2023	AA	
Tohoku Electric Power Company,	Bonds no.499	November 17, 2017	AA-	
Incorporated Tohoku Electric Power Company,	Bonds no.499	June 22, 2018	AA-	
Incorporated Tohoku Electric Power Company,				
Incorporated Tohoku Electric Power Company,	Bonds no.499	July 2, 2019	AA	
Incorporated	Bonds no.499	July 20, 2020	AA	
Tohoku Electric Power Company, Incorporated	Bonds no.499	July 21, 2021	AA	
Tohoku Electric Power Company, Incorporated	Bonds no.499	July 21, 2022	AA	
Tohoku Electric Power Company, Incorporated	Bonds no.499	July 27, 2023	AA	
Tohoku Electric Power Company, Incorporated	Bonds no.501	June 1, 2018	AA-	
Tohoku Electric Power Company,	Bonds no.501	June 22, 2018	AA-	
Incorporated Tohoku Electric Power Company,	Bonds no.501	July 2, 2019	AA	
Incorporated Tohoku Electric Power Company,	Bonds no.501	July 20, 2020	AA	
Incorporated	DUHUS HU.JUT	July 20, 2020	AA	



Issuer Name	Issue Name	Publication Date	Rating	Outlook/Direction
Tohoku Electric Power Company,	Bonds no.501	July 21, 2021	AA	
Incorporated Tohoku Electric Power Company,	Bonds no.501	July 21, 2022	AA	
Incorporated Tohoku Electric Power Company,	Bonds no.501	July 27, 2023	AA	
Incorporated Tohoku Electric Power Company,	Bonds no.502	June 1, 2018	AA-	
Incorporated Tohoku Electric Power Company, Incorporated	Bonds no.502	June 22, 2018	AA-	
Tohoku Electric Power Company,	Bonds no.502	July 2, 2019	AA	
Incorporated Tohoku Electric Power Company, Incorporated	Bonds no.502	July 20, 2020	AA	
Tohoku Electric Power Company, Incorporated	Bonds no.502	July 21, 2021	AA	
Tohoku Electric Power Company, Incorporated	Bonds no.502	July 21, 2022	AA	
Tohoku Electric Power Company, Incorporated	Bonds no.502	July 27, 2023	AA	
Tohoku Electric Power Company, Incorporated	Bonds no.505	November 22, 2018	AA-	
Tohoku Electric Power Company, Incorporated	Bonds no.505	July 2, 2019	AA	
Tohoku Electric Power Company, Incorporated	Bonds no.505	July 20, 2020	AA	
Tohoku Electric Power Company, Incorporated	Bonds no.505	July 21, 2021	AA	
Tohoku Electric Power Company, Incorporated	Bonds no.505	July 21, 2022	AA	
Tohoku Electric Power Company, Incorporated	Bonds no.505	July 27, 2023	AA	
Tohoku Electric Power Company, Incorporated	Bonds no.507	February 22, 2019	AA-	
Tohoku Electric Power Company, Incorporated	Bonds no.507	July 2, 2019	AA	
Tohoku Electric Power Company, Incorporated	Bonds no.507	July 20, 2020	AA	
Tohoku Electric Power Company, Incorporated	Bonds no.507	July 21, 2021	AA	
Tohoku Electric Power Company, Incorporated	Bonds no.507	July 21, 2022	AA	
Tohoku Electric Power Company, Incorporated	Bonds no.507	July 27, 2023	AA	
Tohoku Electric Power Company, Incorporated	Bonds no.508	April 4, 2019	AA-	
Tohoku Electric Power Company, Incorporated	Bonds no.508	July 2, 2019	AA	
Tohoku Electric Power Company, Incorporated	Bonds no.508	July 20, 2020	AA	
Tohoku Electric Power Company, Incorporated	Bonds no.508	July 21, 2021	AA	
Tohoku Electric Power Company, Incorporated	Bonds no.508	July 21, 2022	AA	
Tohoku Electric Power Company, Incorporated	Bonds no.508	July 27, 2023	AA	
Tohoku Electric Power Company, Incorporated	Bonds no.510	May 23, 2019	AA-	
Tohoku Electric Power Company, Incorporated	Bonds no.510	July 2, 2019	AA	



Issuer Name	Issue Name	Publication Date	Rating	Outlook/Direction
Tohoku Electric Power Company,	Bonds no.510	July 20, 2020	AA	
Incorporated Tohoku Electric Power Company,	Bonds no.510	July 21, 2021	AA	
Incorporated Tohoku Electric Power Company,	Bonds no.510	July 21, 2022	AA	
Incorporated Tohoku Electric Power Company,	Bonds no.510	July 27, 2023	AA	
Incorporated Tohoku Electric Power Company, Incorporated	Bonds no.512	August 29, 2019	AA	
Tohoku Electric Power Company,	Bonds no.512	July 20, 2020	AA	
Incorporated Tohoku Electric Power Company, Incorporated	Bonds no.512	July 21, 2021	AA	
Tohoku Electric Power Company, Incorporated	Bonds no.512	July 21, 2022	AA	
Tohoku Electric Power Company, Incorporated	Bonds no.512	July 27, 2023	AA	
Tohoku Electric Power Company, Incorporated	Bonds no.513	October 10, 2019	AA	
Tohoku Electric Power Company, Incorporated	Bonds no.513	July 20, 2020	AA	
Tohoku Electric Power Company, Incorporated	Bonds no.513	July 21, 2021	AA	
Tohoku Electric Power Company, Incorporated	Bonds no.513	July 21, 2022	AA	
Tohoku Electric Power Company, Incorporated	Bonds no.513	July 27, 2023	AA	
Tohoku Electric Power Company, Incorporated	Bonds no.514	October 10, 2019	AA	
Tohoku Electric Power Company, Incorporated	Bonds no.514	July 20, 2020	AA	
Tohoku Electric Power Company, Incorporated	Bonds no.514	July 21, 2021	AA	
Tohoku Electric Power Company, Incorporated	Bonds no.514	July 21, 2022	AA	
Tohoku Electric Power Company, Incorporated	Bonds no.514	July 27, 2023	AA	
Tohoku Electric Power Company, Incorporated	Bonds no.515	November 21, 2019	AA	
Tohoku Electric Power Company, Incorporated	Bonds no.515	July 20, 2020	AA	
Tohoku Electric Power Company, Incorporated	Bonds no.515	July 21, 2021	AA	
Tohoku Electric Power Company, Incorporated	Bonds no.515	July 21, 2022	AA	
Tohoku Electric Power Company, Incorporated	Bonds no.515	July 27, 2023	AA	
Tohoku Electric Power Company, Incorporated	Bonds no.517	February 20, 2020	AA	
Tohoku Electric Power Company, Incorporated	Bonds no.517	July 20, 2020	AA	
Tohoku Electric Power Company, Incorporated	Bonds no.517	July 21, 2021	AA	
Tohoku Electric Power Company, Incorporated	Bonds no.517	July 21, 2022	AA	
Tohoku Electric Power Company, Incorporated	Bonds no.517	July 27, 2023	AA	
Tohoku Electric Power Company, Incorporated	Bonds no.518	April 10, 2020	AA	



Issuer Name	Issue Name	Publication Date	Rating	Outlook/Direction
Tohoku Electric Power Company,	Bonds no.518	July 20, 2020	AA	
Incorporated Tohoku Electric Power Company,	Bonds no.518	July 21, 2021	AA	
Incorporated Tohoku Electric Power Company,	Bonds no.518	July 21, 2022	AA	
Incorporated Tohoku Electric Power Company,	Bonds no.518	July 27, 2023	AA	
Incorporated Tohoku Electric Power Company, Incorporated	Bonds no.519	April 10, 2020	AA	
Tohoku Electric Power Company, Incorporated	Bonds no.519	July 20, 2020	AA	
Tohoku Electric Power Company, Incorporated	Bonds no.519	July 21, 2021	AA	
Tohoku Electric Power Company, Incorporated	Bonds no.519	July 21, 2022	AA	
Tohoku Electric Power Company, Incorporated	Bonds no.519	July 27, 2023	AA	
Tohoku Electric Power Company, Incorporated	Bonds no.521	May 21, 2020	AA	
Tohoku Electric Power Company, Incorporated	Bonds no.521	July 20, 2020	AA	
Tohoku Electric Power Company, Incorporated	Bonds no.521	July 21, 2021	AA	
Tohoku Electric Power Company, Incorporated	Bonds no.521	July 21, 2022	AA	
Tohoku Electric Power Company, Incorporated	Bonds no.521	July 27, 2023	AA	
Tohoku Electric Power Company, Incorporated	Bonds no.522	June 3, 2020	AA	
Tohoku Electric Power Company, Incorporated	Bonds no.522	July 20, 2020	AA	
Tohoku Electric Power Company, Incorporated	Bonds no.522	July 21, 2021	AA	
Tohoku Electric Power Company, Incorporated	Bonds no.522	July 21, 2022	AA	
Tohoku Electric Power Company, Incorporated	Bonds no.522	July 27, 2023	AA	
Tohoku Electric Power Company, Incorporated	Bonds no.523	June 4, 2020	AA	
Tohoku Electric Power Company, Incorporated	Bonds no.523	July 20, 2020	AA	
Tohoku Electric Power Company, Incorporated	Bonds no.523	July 21, 2021	AA	
Tohoku Electric Power Company, Incorporated	Bonds no.523	July 21, 2022	AA	
Tohoku Electric Power Company, Incorporated	Bonds no.523	July 27, 2023	AA	
Tohoku Electric Power Company, Incorporated	Bonds no.524	September 10, 2020	AA	
Tohoku Electric Power Company, Incorporated	Bonds no.524	July 21, 2021	AA	
Tohoku Electric Power Company, Incorporated	Bonds no.524	July 21, 2022	AA	
Tohoku Electric Power Company, Incorporated	Bonds no.524	July 27, 2023	AA	
Tohoku Electric Power Company, Incorporated	Bonds no.525	October 7, 2020	AA	
Tohoku Electric Power Company, Incorporated	Bonds no.525	July 21, 2021	AA	



Issuer Name	Issue Name	Publication Date	Rating	Outlook/Direction
Tohoku Electric Power Company,	Bonds no.525	July 21, 2022	AA	
Incorporated Tohoku Electric Power Company,	Bonds no.525	July 27, 2023	AA	
Incorporated Tohoku Electric Power Company,	Bonds no.526	October 7, 2020	AA	
Incorporated Tohoku Electric Power Company,	Bonds no.526	July 21, 2021	AA	
Incorporated Tohoku Electric Power Company,	Bonds no.526	July 21, 2022	AA	
Incorporated Tohoku Electric Power Company,	Bonds no.526	July 27, 2023	AA	
Incorporated Tohoku Electric Power Company,	Bonds no.527	February 17, 2021	AA	
Incorporated Tohoku Electric Power Company, Incorporated	Bonds no.527	July 21, 2021	AA	
Tohoku Electric Power Company, Incorporated	Bonds no.527	July 21, 2022	AA	
Tohoku Electric Power Company, Incorporated	Bonds no.527	July 27, 2023	AA	
Tohoku Electric Power Company, Incorporated	Bonds no.528	February 17, 2021	AA	
Tohoku Electric Power Company, Incorporated	Bonds no.528	July 21, 2021	AA	
Tohoku Electric Power Company, Incorporated	Bonds no.528	July 21, 2022	AA	
Tohoku Electric Power Company, Incorporated	Bonds no.528	July 27, 2023	AA	
Tohoku Electric Power Company, Incorporated	Bonds no.529	April 7, 2021	AA	
Tohoku Electric Power Company, Incorporated	Bonds no.529	July 21, 2021	AA	
Tohoku Electric Power Company, Incorporated	Bonds no.529	July 21, 2022	AA	
Tohoku Electric Power Company, Incorporated	Bonds no.529	July 27, 2023	AA	
Tohoku Electric Power Company, Incorporated	Bonds no.530	April 7, 2021	AA	
Tohoku Electric Power Company, Incorporated	Bonds no.530	July 21, 2021	AA	
Tohoku Electric Power Company, Incorporated	Bonds no.530	July 21, 2022	AA	
Tohoku Electric Power Company, Incorporated	Bonds no.530	July 27, 2023	AA	
Tohoku Electric Power Company, Incorporated	Bonds no.531	May 20, 2021	AA	
Tohoku Electric Power Company, Incorporated	Bonds no.531	July 21, 2021	AA	
Tohoku Electric Power Company, Incorporated	Bonds no.531	July 21, 2022	AA	
Tohoku Electric Power Company, Incorporated	Bonds no.531	July 27, 2023	AA	
Tohoku Electric Power Company, Incorporated	Bonds no.532	May 20, 2021	AA	
Tohoku Electric Power Company, Incorporated	Bonds no.532	July 21, 2021	AA	
Tohoku Electric Power Company, Incorporated	Bonds no.532	July 21, 2022	AA	
Tohoku Electric Power Company, Incorporated	Bonds no.532	July 27, 2023	AA	



Issuer Name	Issue Name	Publication Date	Rating	Outlook/Direction
Tohoku Electric Power Company,	Bonds no.533	May 20, 2021	AA	
Incorporated Tohoku Electric Power Company,	Bonds no.533	July 21, 2021	AA	
Incorporated Tohoku Electric Power Company,	Bonds no.533	July 21, 2022	AA	
Incorporated Tohoku Electric Power Company,	Bonds no.533	July 27, 2023	AA	
Incorporated Tohoku Electric Power Company, Incorporated	Bonds no.534	June 9, 2021	AA	
Tohoku Electric Power Company,	Bonds no.534	July 21, 2021	AA	
Incorporated Tohoku Electric Power Company, Incorporated	Bonds no.534	July 21, 2022	AA	
Tohoku Electric Power Company, Incorporated	Bonds no.534	July 27, 2023	AA	
Tohoku Electric Power Company, Incorporated	Bonds no.535	July 15, 2021	AA	
Tohoku Electric Power Company, Incorporated	Bonds no.535	July 21, 2021	AA	
Tohoku Electric Power Company, Incorporated	Bonds no.535	July 21, 2022	AA	
Tohoku Electric Power Company, Incorporated	Bonds no.535	July 27, 2023	AA	
Tohoku Electric Power Company, Incorporated	Bonds no.536	September 9, 2021	AA	
Tohoku Electric Power Company, Incorporated	Bonds no.536	July 21, 2022	AA	
Tohoku Electric Power Company, Incorporated	Bonds no.536	July 27, 2023	AA	
Tohoku Electric Power Company, Incorporated	Bonds no.537	October 6, 2021	AA	
Tohoku Electric Power Company, Incorporated	Bonds no.537	July 21, 2022	AA	
Tohoku Electric Power Company, Incorporated	Bonds no.537	July 27, 2023	AA	
Tohoku Electric Power Company, Incorporated	Bonds no.538	November 17, 2021	AA	
Tohoku Electric Power Company, Incorporated	Bonds no.538	July 21, 2022	AA	
Tohoku Electric Power Company, Incorporated	Bonds no.538	July 27, 2023	AA	
Tohoku Electric Power Company, Incorporated	Bonds no.539	November 17, 2021	AA	
Tohoku Electric Power Company, Incorporated	Bonds no.539	July 21, 2022	AA	
Tohoku Electric Power Company, Incorporated	Bonds no.539	July 27, 2023	AA	
Tohoku Electric Power Company, Incorporated	Bonds no.540	January 14, 2022	AA	
Tohoku Electric Power Company, Incorporated	Bonds no.540	July 21, 2022	AA	
Tohoku Electric Power Company, Incorporated	Bonds no.540	July 27, 2023	AA	
Tohoku Electric Power Company, Incorporated	Bonds no.541	January 14, 2022	AA	
Tohoku Electric Power Company, Incorporated	Bonds no.541	July 21, 2022	AA	
Tohoku Electric Power Company, Incorporated	Bonds no.541	July 27, 2023	AA	



Issuer Name	Issue Name	Publication Date	Rating	Outlook/Direction
Tohoku Electric Power Company,	Bonds no.542	April 6, 2022	AA	
Incorporated Tohoku Electric Power Company,	Bonds no.542	July 21, 2022	AA	
Incorporated Tohoku Electric Power Company,	Bonds no.542	July 27, 2023	AA	
Incorporated Tohoku Electric Power Company,	Bonds no.543	April 6, 2022	AA	
Incorporated Tohoku Electric Power Company, Incorporated	Bonds no.543	July 21, 2022	AA	
Tohoku Electric Power Company,	Bonds no.543	July 27, 2023	AA	
Incorporated Tohoku Electric Power Company, Incorporated	Bonds no.544	April 6, 2022	AA	
Tohoku Electric Power Company, Incorporated	Bonds no.544	July 21, 2022	AA	
Tohoku Electric Power Company, Incorporated	Bonds no.544	July 27, 2023	AA	
Tohoku Electric Power Company, Incorporated	Bonds no.545	May 27, 2022	AA	
Tohoku Electric Power Company, Incorporated	Bonds no.545	July 21, 2022	AA	
Tohoku Electric Power Company, Incorporated	Bonds no.545	July 27, 2023	AA	
Tohoku Electric Power Company, Incorporated	Bonds no.546	May 27, 2022	AA	
Tohoku Electric Power Company, Incorporated	Bonds no.546	July 21, 2022	AA	
Tohoku Electric Power Company, Incorporated	Bonds no.546	July 27, 2023	AA	
Tohoku Electric Power Company, Incorporated	Bonds no.547	June 9, 2022	AA	
Tohoku Electric Power Company, Incorporated	Bonds no.547	July 21, 2022	AA	
Tohoku Electric Power Company, Incorporated	Bonds no.547	July 27, 2023	AA	
Tohoku Electric Power Company, Incorporated	Bonds no.548	June 9, 2022	AA	
Tohoku Electric Power Company, Incorporated	Bonds no.548	July 21, 2022	AA	
Tohoku Electric Power Company, Incorporated	Bonds no.548	July 27, 2023	AA	
Tohoku Electric Power Company, Incorporated	Bonds no.1(subordinated)	September 9, 2022	A+	
Tohoku Electric Power Company, Incorporated	Bonds no.1(subordinated)	July 27, 2023	A+	
Tohoku Electric Power Company, Incorporated	Bonds no.2(subordinated)	September 9, 2022	A+	
Tohoku Electric Power Company, Incorporated	Bonds no.2(subordinated)	July 27, 2023	A+	
Tohoku Electric Power Company, Incorporated	Bonds no.3(subordinated)	September 9, 2022	A+	
Tohoku Electric Power Company, Incorporated	Bonds no.3(subordinated)	July 27, 2023	A+	
Tohoku Electric Power Company, Incorporated	Bonds no.4(subordinated)	September 9, 2022	A+	
Tohoku Electric Power Company, Incorporated	Bonds no.4(subordinated)	July 27, 2023	A+	
Tohoku Electric Power Company, Incorporated	Bonds no.549	October 6, 2022	AA	



Issuer Name	Issue Name	Publication Date	Rating	Outlook/Direction
Tohoku Electric Power Company,	Bonds no.549	July 27, 2023	AA	
Incorporated Tohoku Electric Power Company,	Bonds no.550	October 6, 2022	AA	
Incorporated Tohoku Electric Power Company,	Bonds no.550	July 27, 2023	AA	
Incorporated Tohoku Electric Power Company, Incorporated	Bonds no.551	November 16, 2022	AA	
Tohoku Electric Power Company, Incorporated	Bonds no.551	July 27, 2023	AA	
Tohoku Electric Power Company,	Bonds no.552	December 7, 2022	AA	
Incorporated Tohoku Electric Power Company, Incorporated	Bonds no.552	July 27, 2023	AA	
Tohoku Electric Power Company, Incorporated	Bonds no.553	January 16, 2023	AA	
Tohoku Electric Power Company, Incorporated	Bonds no.553	July 27, 2023	AA	
Tohoku Electric Power Company, Incorporated	Bonds no.554	January 16, 2023	AA	
Tohoku Electric Power Company, Incorporated	Bonds no.554	July 27, 2023	AA	
Tohoku Electric Power Company, Incorporated	Bonds no.555	March 3, 2023	AA	
Tohoku Electric Power Company, Incorporated	Bonds no.555	July 27, 2023	AA	
Tohoku Electric Power Company, Incorporated	Bonds no.556	March 3, 2023	AA	
Tohoku Electric Power Company, Incorporated	Bonds no.556	July 27, 2023	AA	
Tohoku Electric Power Company, Incorporated	Bonds no.557	April 7, 2023	AA	
Tohoku Electric Power Company, Incorporated	Bonds no.557	July 27, 2023	AA	
Tohoku Electric Power Company, Incorporated	Bonds no.558	May 19, 2023	AA	
Tohoku Electric Power Company, Incorporated	Bonds no.558	July 27, 2023	AA	
Tohoku Electric Power Company, Incorporated	Bonds no.559	June 2, 2023	AA	
Tohoku Electric Power Company, Incorporated	Bonds no.559	July 27, 2023	AA	
Tohoku Electric Power Company, Incorporated	Bonds no.560	July 6, 2023	AA	
Tohoku Electric Power Company, Incorporated	Bonds no.560	July 27, 2023	AA	
Tohoku Electric Power Company, Incorporated	Bonds no.561	July 6, 2023	AA	
Tohoku Electric Power Company, Incorporated	Bonds no.561	July 27, 2023	AA	
Tohoku Electric Power Company, Incorporated	Bonds no.562	December 1, 2023	AA	
Tohoku Electric Power Company, Incorporated	Bonds no.563	April 4, 2024	AA	
Tohoku Electric Power Company, Incorporated	Bonds no.564	April 4, 2024	AA	
Tohoku Electric Power Company, Incorporated	Bonds no.565	May 31, 2024	AA	
Tohoku Electric Power Company, Incorporated	Bonds no.566	July 4, 2024	AA	

### 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



#### INFORMATION DISCLOSURE FORM

Japan Credit Rating Agency, Ltd.

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

lssuer:	Hokuriku Electric Power Company Shikoku Electric Power Company, Incorporated Hokkaido Electric Power Company, Incorporated
Rating Publication Date:	July 29, 2024

- 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. If the credit rating is a private rating, please see the report for private rating.
- 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. If the credit rating is a private rating, please see the report for private rating.
- 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.
- 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.
- 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.
- The Types of Data Relied Upon for the Purpose of Determining the Credit Rating as Required by Paragraph (a)(1)(ii)(H) of Rule17g-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)(l) 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 warranty made by the issuer, the publication by the issuer, 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.
  - $\cdot\,\,$  If the credit rating is an Indication, please see the report for Indication.

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

- JCR does not receive 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 public or private 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.

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/

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.

 $14 \left[\begin{array}{c} \text{Information on the Representations, Warranties, and Enforcement Mechanisms of an Asset-backed Security as Required by Paragraph (a)(1)(ii)(N) of rule 17g-7} \end{array}\right.$ 

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

Japan Credit Rating Agency, Ltd.
Jiji Press Building, 5-15-8 Ginza, Chuo-ku, Tokyo 104-0061, Japan
Tel. +81 3 3544 7013, Fax. +81 3 3544 7026



Issuer Name	Issue Name	Publication Date	Rating	Outlook/Direction
Hokuriku Electric Power Company	Issuer(Long-term)	March 8, 2002	AAAp	
Hokuriku Electric Power Company	Issuer(Long-term)	April 1, 2003	AA+p	
Hokuriku Electric Power Company	Issuer(Long-term)	April 15, 2004	AA+p	
Hokuriku Electric Power Company	Issuer(Long-term)	April 15, 2005	AAAp	
Hokuriku Electric Power Company	Issuer(Long-term)	April 17, 2006	AAAp	Negative
Hokuriku Electric Power Company	Issuer(Long-term)	August 29, 2006	AAAp	Stable
Hokuriku Electric Power Company	Issuer(Long-term)	April 17, 2007	AAAp	Stable
Hokuriku Electric Power Company	Issuer(Long-term)	April 24, 2008	AAAp	Stable
Hokuriku Electric Power Company	Issuer(Long-term)	April 27, 2009	AAAp	Stable
Hokuriku Electric Power Company	Issuer(Long-term)	April 27, 2010	AAAp	Stable
Hokuriku Electric Power Company	Issuer(Long-term)	June 6, 2011	AAAp	Negative
Hokuriku Electric Power Company	Issuer(Long-term)	September 22, 2011	AA+p	Negative
Hokuriku Electric Power Company	Issuer(Long-term)	June 19, 2012	AAp	Negative
Hokuriku Electric Power Company	Issuer(Long-term)	July 25, 2013	AAp	Negative
Hokuriku Electric Power Company	Issuer(Long-term)	August 28, 2014	AAp	Negative
Hokuriku Electric Power Company	Issuer(Long-term)	August 25, 2015	AAp	Negative
Hokuriku Electric Power Company	Issuer(Long-term)	June 29, 2016	AAp	Negative
Hokuriku Electric Power Company	Issuer(Long-term)	July 3, 2017	AAp	Negative
Hokuriku Electric Power Company	Issuer(Long-term)	June 22, 2018	AAp	Negative
Hokuriku Electric Power Company	Issuer(Long-term)	July 2, 2019	AAp	Negative
Hokuriku Electric Power Company	Issuer(Long-term)	July 20, 2020	AAp	Stable
Hokuriku Electric Power Company	Issuer(Long-term)	July 21, 2021	AAp	Stable
Hokuriku Electric Power Company	Issuer(Long-term)	July 21, 2022	AAp	Stable
Hokuriku Electric Power Company	Issuer(Long-term)	July 27, 2023	AAp	Stable



Issuer Name	Issue Name	Publication Date	Rating	Outlook/Direction
Shikoku Electric Power Company,	Issuer(Long-term)	March 8, 2002	AAAp	
Incorporated	issuer(Long-term)	iviaicii 6, 2002	АААр	
Shikoku Electric Power Company,	Issuer(Long-term)	April 1, 2003	AAAp	
Incorporated	issuer(Long-term)	April 1, 2003	лллр	
Shikoku Electric Power Company,	Issuer(Long-term)	April 15, 2004	AAAp	
Incorporated	issuer(Long term)	при 13, 2004	7 tr tr tp	
Shikoku Electric Power Company,	Issuer(Long-term)	April 15, 2005	AAAp	
Incorporated	issuer(Long term)	71pm 15, 2005		
Shikoku Electric Power Company,	Issuer(Long-term)	April 17, 2006	AAAp	Negative
Incorporated	isouri(zeng term)	11911117, 2000		Troguitro
Shikoku Electric Power Company,	Issuer(Long-term)	August 29, 2006	AAAp	Stable
Incorporated	( 8 )	8 1, 111	1	
Shikoku Electric Power Company,	Issuer(Long-term)	April 17, 2007	AAAp	Stable
Incorporated	` ` ` ` ` ` ` ` ` ` ` ` ` ` ` ` ` ` ` `	1 ,		
Shikoku Electric Power Company,	Issuer(Long-term)	April 24, 2008	AAAp	Stable
Incorporated	, ,	•	-	
Shikoku Electric Power Company,	Issuer(Long-term)	April 27, 2009	AAAp	Stable
Incorporated	, , ,	-		
Shikoku Electric Power Company,	Issuer(Long-term)	April 27, 2010	AAAp	Stable
Incorporated Shikoku Electric Power Company,				
Incorporated	Issuer(Long-term)	June 6, 2011	AAAp	Negative
Shikoku Electric Power Company,				
Incorporated	Issuer(Long-term)	September 22, 2011	AA+p	Negative
Shikoku Electric Power Company,				
Incorporated	Issuer(Long-term)	June 19, 2012	AAp	Negative
Shikoku Electric Power Company,				
Incorporated	Issuer(Long-term)	July 25, 2013	AAp	Negative
Shikoku Electric Power Company,				
Incorporated	Issuer(Long-term)	August 28, 2014	AAp	Negative
Shikoku Electric Power Company,				
Incorporated	Issuer(Long-term)	August 25, 2015	AAp	Negative
Shikoku Electric Power Company,	T (T )	I 20 2016		NT
Incorporated	Issuer(Long-term)	June 29, 2016	AAp	Negative
Shikoku Electric Power Company,	I (I )	I 1 2 2017		G. 11
Incorporated	Issuer(Long-term)	July 3, 2017	AAp	Stable
Shikoku Electric Power Company,	Issuan(I and town)	I.m. 22 2019	A A	Ctoble
Incorporated	Issuer(Long-term)	June 22, 2018	AAp	Stable
Shikoku Electric Power Company,	Issuer(Long-term)	July 2, 2019	ΛΛη	Stable
Incorporated	issuer(Long-term)	July 2, 2019	AAp	Stable
Shikoku Electric Power Company,	Issuer(Long-term)	July 20, 2020	AAp	Stable
Incorporated	issuer(Long-term)	July 20, 2020	ллр	Static
Shikoku Electric Power Company,	Issuer(Long-term)	July 21, 2021	AAp	Stable
Incorporated	issuer(Long term)	July 21, 2021	<i>i</i> i.ap	Static
Shikoku Electric Power Company,	Issuer(Long-term)	July 21, 2022	AAp	Stable
Incorporated	issue (Long term)	July 21, 2022	7 12 1p	Suoie
Shikoku Electric Power Company,	Issuer(Long-term)	July 27, 2023	AAp	Stable
Incorporated	-()	j = 1, 2 0 2 3	<b>-</b> r	



Sauer   Long-term   Sauer   Long-term   April 1, 2003   AAAp	Issuer Name	Issue Name	Publication Date	Rating	Outlook/Direction
Company, Incorporated Hokkaido Electric Power Company, Incorporated Issuer(Long-term) April 27, 2008 AAAp Stable Hokkaido Electric Power Company, Incorporated Issuer(Long-term) April 27, 2009 AAAp Stable Hokkaido Electric Power Company, Incorporated Hokkaido Electric Power Company, Incorporated Hokkaido Electric Power Company, Incorporated Issuer(Long-term) April 27, 2010 AAAp Stable Hokkaido Electric Power Company, Incorporated Issuer(Long-term) June 6, 2011 AAAp Negative Hokkaido Electric Power Company, Incorporated Issuer(Long-term) September 22, 2011 AAAp Negative Hokkaido Electric Power Company, Incorporated	Hokkaido Electric Power	Issuer(Long-term)	March 8, 2002	ΔΔΔη	
Sauer   Long-term   April 1, 2003   AAAp	Company, Incorporated	issuer(Long-term)	Maich 6, 2002	АААр	
Company, Incorporated Hokkaido Electric Power Issuer(Long-term) April 17, 2007 AAAp Stable Hokkaido Electric Power Company, Incorporated Hokkaido Electric Power Issuer(Long-term) April 27, 2009 AAAp Stable Hokkaido Electric Power Issuer(Long-term) April 27, 2009 AAAp Stable Hokkaido Electric Power Issuer(Long-term) April 27, 2010 AAAp Stable Hokkaido Electric Power Issuer(Long-term) April 27, 2010 AAAp Stable Hokkaido Electric Power Issuer(Long-term) June 6, 2011 AAAp Negative Hokkaido Electric Power Company, Incorporated Hokkaido Electric Power Issuer(Long-term) September 22, 2011 AAAP Negative Hokkaido Electric Power Issuer(Long-term) June 19, 2012 AAp Negative Hokkaido Electric Power Company, Incorporated Hokkaido Electric Power Issuer(Long-term) June 19, 2012 AAP Negative Hokkaido Electric Power Issuer(Long-term) June 29, 2013 AA-p Negative Hokkaido Electric Power Company, Incorporated Hokkaido Electric Power Issuer(Long-term) June 29, 2014 AA-p Negative Hokkaido Electric Power Issuer(Long-term) June 29, 2016 AA-p Negative Hokkaido Electric Power Issuer(Long-term) June 29, 2016 AA-p Negative Hokkaido Electric Power Issuer(Long-term) June 29, 2016 AA-p Negative Hokkaido Electric Power Issuer(Long-term) June 29, 2016 AA-p Negative Company, Incorporated Hokkaido Electric Power Issuer(Long-term) June 29, 2016 AA-p Negative Hokkaido Electric Power Issuer(Long-term) June 29, 2016 AA-p Negative Hokkaido Electric Power Issuer(Long-term) June 29, 2016 AA-p Negative Hokkaido Electric Power Issuer(Long-term) June 29, 2016 AA-p Negative Hokkaido Electric Power Issuer(	Hokkaido Electric Power	Issuer(Long-term)	April 1 2003	AAAp	
Company, Incorporated   Issuer(Long-term)   April 15, 2005   AAAp   Company, Incorporated   Issuer(Long-term)   April 15, 2005   AAAp   Negative   Hokkaido Electric Power   Company, Incorporated   Issuer(Long-term)   April 17, 2006   AAAp   Negative   Hokkaido Electric Power   Company, Incorporated   Issuer(Long-term)   April 17, 2007   AAAp   Stable   AAAp   Stable   AAAp   Stable   AAAp	Company, Incorporated		April 1, 2003		
Company, Incorporated Hokkaido Electric Power Issuer(Long-term) April 27, 2009 AAAp Stable Hokkaido Electric Power Company, Incorporated Hokkaido Electric Power Issuer(Long-term) April 27, 2010 AAAp Stable Hokkaido Electric Power Issuer(Long-term) April 27, 2010 AAAp Stable Hokkaido Electric Power Issuer(Long-term) June 6, 2011 AAAp Negative Company, Incorporated Hokkaido Electric Power Issuer(Long-term) September 22, 2011 AAAp Negative Hokkaido Electric Power Issuer(Long-term) June 19, 2012 AAp Negative Company, Incorporated Hokkaido Electric Power Issuer(Long-term) June 19, 2012 AAp Negative Company, Incorporated Hokkaido Electric Power Issuer(Long-term) June 19, 2012 AAp Negative Hokkaido Electric Power Issuer(Long-term) June 29, 2013 AA-p Negative Hokkaido Electric Power Issuer(Long-term) June 29, 2013 AA-p Negative Hokkaido Electric Power Issuer(Long-term) June 29, 2016 AA-p Negative Hokkaido Electric Power Issuer(Long-term) June 29, 2016 AA-p Negative Hokkaido Electric Power Issuer(Long-term) June 29, 2016 AA-p Negative Hokkaido Electric Power Issuer(Long-term) June 29, 2016 AA-p Negative Hokkaido Electric Power Issuer(Long-term) June 29, 2016 AA-p Negative Hokkaido Electric Power Issuer(Long-term) June 29, 2016 AA-p Negative Company, Incorporated Hokkaido Electric Power Issuer(Long-term) June 29, 2016 AA-p Negative Hokkaido Electric Power Issuer(Long-term) June 29, 2016 AA-p Negative Hokkaido Electric Power Issuer(Long-term) June 29, 2018 AA-p Negative Company, Incorporated Hokkaido Electric Power Issuer(Long-term) June 29, 2018 AA-p Negative Issuer(Lon	Hokkaido Electric Power	Issuer(Long-term)	April 15, 2004	AAAp	
Company, Incorporated Hokkaido Electric Power Company, Incorporated Hokkaido Electric Power Issuer(Long-term)	Company, Incorporated		April 15, 2004		
Company, Incorporated Hokkaido Electric Power Issuer(Long-term) April 27, 2010 AAAp Stable Hokkaido Electric Power Company, Incorporated Hokkaido Electric Power Issuer(Long-term) April 27, 2011 AAAp Negative Company, Incorporated Hokkaido Electric Power Issuer(Long-term) September 22, 2011 AA+p Negative Hokkaido Electric Power Company, Incorporated Hokkaido Electric Power Issuer(Long-term) June 19, 2012 AAp Negative Hokkaido Electric Power Issuer(Long-term) June 19, 2012 AAp Negative Company, Incorporated Hokkaido Electric Power Issuer(Long-term) June 19, 2012 AAP Negative Company, Incorporated Hokkaido Electric Power Issuer(Long-term) August 28, 2014 AA-p Negative Company, Incorporated Hokkaido Electric Power Issuer(Long-term) June 29, 2016 AA-p Negative Company, Incorporated Issuer(Long-term) June 29, 2016 AA-p Negative Hokkaido Electric Power Issuer(Long-term) June 29, 2016 AA-p Negative Company, Incorporated Hokkaido Electric Power Issuer(Long-term) June 29, 2016 AA-p Negative Company, Incorporated Hokkaido Electric Power Issuer(Long-term) June 22, 2018 AA-p Negative Company, Incorporated Hokkaido Electric Power Issuer(Long-term) June 22, 2018 AA-p Negative Company, Incorporated Hokkaido Electric Power Issuer(Long-term) June 22, 2018 AA-p Negative Company, Incorporated Hokkaido Electric Power Issuer(Long-term) June 22, 2018 AA-p Negative Company, Incorporated Hokkaido Electric Power Issuer(Long-term) June 22, 2018 AA-p Negative Company, Incorporated Hokkaido Electric Power Issuer(Long-term) June 22, 2018 AA-p Negative Company, Incorporated Hokkaido Electri	Hokkaido Electric Power	Issuer(Long-term)	A:1 15, 2005	AAAp	
Issuer(Long-term)   April 17, 2006   AAAp   Negative	Company, Incorporated		April 13, 2003		
Company, Incorporated Hokkaido Electric Power Issuer(Long-term) June 19, 2012 AAp Negative Hokkaido Electric Power Company, Incorporated Hokkaido Electric Power Issuer(Long-term) July 25, 2013 AA-p Negative Hokkaido Electric Power Company, Incorporated Hokkaido Electric Power Issuer(Long-term) August 28, 2014 AA-p Negative Company, Incorporated Hokkaido Electric Power Issuer(Long-term) July 25, 2015 AA-p Negative Company, Incorporated Hokkaido Electric Power Issuer(Long-term) July 3, 2017 AA-p Negative Company, Incorporated Hokkaido Electric Power Issuer(Long-term) July 20, 2020 AA-p Negative Company, Incorporated Hokkaido Electric Power Issuer(Long-term) July 20, 2020 AA-p Negative Company, Incorporated Hokkaido Electric Power Issuer(Long-term) July 21, 2021 AA-p Negative Company, Incorporated Hokkaido Electric Power Issuer(Long-term) July 21, 2021 AA-p Negative Company, Incorporated Hokkaido Electric Power Issuer(Long-term) July 21, 2022 AA-p Stable Hokkaido Electric Power Issuer(Long-term) July 21, 2022 AA-p Stable	Hokkaido Electric Power	Issuer(Long-term)	A 1117 2006	AAAp	NT
Sample   Company, Incorporated   Issuer(Long-term)   August 29, 2006   AAAp   Stable	Company, Incorporated		April 17, 2006		Negative
Company, Incorporated Hokkaido Electric Power Susur(Long-term) Fisuer(Long-term) Fisuer(Long-term) Fisuer(Long-ter		Issuer(Long-term)		AAAp	Stable
Hokkaido Electric Power Company, Incorporated Hokkaido Electric Powe	Company, Incorporated		August 29, 2006		
Company, Incorporated Hokkaido Electric Power Suster Company, Incorporated Hokkaido Electric Power Suster Company,	1 0 1	Issuer(Long-term)		AAAp	Stable
Hokkaido Electric Power Company, Incorporated Hokkaido Electric Power Lissuer(Long-term)  July 21, 2021  AA-p  Stable			April 17, 2007		
Company, Incorporated Hokkaido Electric Power Company, Incorporated Hokkaido Electric Power Issuer(Long-term)		Issuer(Long-term)	April 24, 2008	AAAp	Stable
Hokkaido Electric Power Company, Incorporated Hokkaido Electric Power Lisuer(Long-term)  July 21, 2021  AA-p  Negative  Negative  AA-p  Negative  Negative  AA-p  Negative					
Company, Incorporated Hokkaido Electric Power Company, Incorporated Hokkaido Electric Power Issuer(Long-term)  Company, Incorporated Hokkaido Electric Power Company, Incorporated Hokkaido Electric Power Issuer(Long-term)  Company, Incorporated Hokkaido Electric Power Company, Incorporated Hokkaido Electric Power Issuer(Long-term)  Company, Incorporated Hokkaido Electric Power Company, Incorporated Hokkaido Electric Power Issuer(Long-term)  Company, Incorporated Hokkaido Electric Power Company, Incorporated Hokkaido Electric Power Issuer(Long-term)  Company, Incorporated Hokkaido Electric Power Company, Incorporated Hokkaido Electric Power Issuer(Long-term)  Company, Incorporated Hokkaido Electric Power Company, Incorporated Hokkaido Electric Power Issuer(Long-term)  Company, Incorporated Hokkaido Electric Power Company, Incorporated Hokkaido Electric Power Issuer(Long-term)  Company, Incorporated Hokkaido Electric Power Company, Incorporated Hokkaido Electric Power Issuer(Long-term)  Company, Incorporated Issuer(Long-term)  Long-term)  July 3, 2017  AA-p  Negative Negative Negative Negative Issuer(Long-term)  July 3, 2017  AA-p  Negative Negative Negative Issuer(Long-term)  July 2, 2019  AA-p  Negative Negative Negative Negative Issuer(Long-term)  July 2, 2019  AA-p  Negative Negat					
Hokkaido Electric Power Company, Incorporated Hokkaido Electric Power Lapace September 22, 2011  AA-p Negative Neg			April 27, 2009		
Company, Incorporated Hokkaido Electric Power Issuer(Long-term) July 20, 2020 AA-p Negative Company, Incorporated Hokkaido Electric Power Issuer(Long-term) July 21, 2021 AA-p Stable Hokkaido Electric Power Issuer(Long-term) July 21, 2022 AA-p Stable Hokkaido Electric Power Issuer(Long-term) July 21, 2022 AA-p Stable Hokkaido Electric Power Issuer(Long-term) July 21, 2022 AA-p Stable Hokkaido Electric Power Issuer(Long-term) July 27, 2023 AA-p Stable					
Hokkaido Electric Power Company, Incorporated Hokkaido Electric Power Long-term)  Issuer(Long-term)  July 21, 2021  AA-p  Stable  Stable Hokkaido Electric Power  Livy 27, 2023  AA-p  Stable			April 27, 2010		
Company, Incorporated Hokkaido Electric Power Company, Incorporated Hokkaido Electric Power Issuer(Long-term)  Issuer(Long-term		Issuer(Long-term)		AAAp	Negative
Hokkaido Electric Power Company, Incorporated Hokkaido Electric Power Lissuer(Long-term)  July 27, 2023  AA-p  Stable			June 6, 2011		
Company, Incorporated Hokkaido Electric Power Lissuer(Long-term)  Issuer(Long-term)  July 21, 2021  AA-p  Stable  Stable  Stable  Stable  Stable					
Hokkaido Electric Power Company, Incorporated Hokkaido Electric Power Lisuer(Long-term)  July 21, 2021  AA-p Stable  Stable  Stable  Stable  Stable		Issuer(Long-term)	September 22, 2011	AA+p	Negative
Company, Incorporated Hokkaido Electric Power Issuer(Long-term) Issuer(Long-term) June 29, 2016 AA-p Negative Hokkaido Electric Power Company, Incorporated Hokkaido Electric Power Company, Incorporated Hokkaido Electric Power Company, Incorporated Hokkaido Electric Power Issuer(Long-term) June 22, 2018 AA-p Negative Hokkaido Electric Power Issuer(Long-term) July 2, 2019 AA-p Negative Hokkaido Electric Power Company, Incorporated Hokkaido Electric Power Issuer(Long-term) July 20, 2020 AA-p Negative Hokkaido Electric Power Company, Incorporated Issuer(Long-term) July 21, 2021 AA-p Stable Hokkaido Electric Power Issuer(Long-term) July 21, 2022 AA-p Stable Hokkaido Electric Power Issuer(Long-term) Issuer(Long-term) July 27, 2023 AA-p Stable Issuer(Long-term) Issue		Issuer(Long-term)		AAp	Negative
Company, Incorporated Hokkaido Electric Power Long-term)  Issuer(Long-term)  July 21, 2021  AA-p  Stable  Stable  Stable			June 19, 2012		
Company, Incorporated Hokkaido Electric Power Lissuer(Long-term)  July 20, 2020 AA-p Negative Negative Negative Negative Negative Stable Hokkaido Electric Power Lissuer(Long-term)  July 21, 2021 AA-p Stable Stable Negative			-		
Company, Incorporated Hokkaido Electric Power Lissuer(Long-term) Luly 27, 2023  AA-p Stable		Issuer(Long-term)	July 25, 2013	AA-p	Negative
Company, Incorporated Hokkaido Electric Power Lisuer(Long-term)  Issuer(Long-term)  Issuer(Long-term			• • •		
Company, Incorporated Hokkaido Electric Power Lissuer(Long-term)  Issuer(Long-term)  July 21, 2021  AA-p  Stable Hokkaido Electric Power Lissuer(Long-term)  July 27, 2023  AA-p  Stable  Stable		Issuer(Long-term)	August 28, 2014	AA-p	Negative
Company, Incorporated Issuer(Long-term)  Hokkaido Electric Power Company, Incorporated Issuer(Long-term)  Issuer(Long-term)  Issuer(Long-term)  June 29, 2016  AA-p  Negative  Negative  Negative  Negative  Issuer(Long-term)  July 3, 2017  AA-p  Negative  Negative  Negative  Issuer(Long-term)  June 22, 2018  AA-p  Negative  Negative  Issuer(Long-term)  June 22, 2018  AA-p  Negative  Negative  July 2, 2019  AA-p  Negative  Issuer(Long-term)  July 20, 2020  AA-p  Negative  Negative  July 20, 2020  AA-p  Negative  Issuer(Long-term)  July 21, 2021  AA-p  Stable  Issuer(Long-term)  July 21, 2022  AA-p  Stable  Issuer(Long-term)  Issuer(Long-term)  July 21, 2022  AA-p  Stable  Issuer(Long-term)  Issuer(Long-term)  July 27, 2023  AA-p  Stable					
Hokkaido Electric Power Company, Incorporated Hokkaido Electric Power Lisuer(Long-term)  July 21, 2021  AA-p  Stable  Stable  Hokkaido Electric Power  Lisuer(Long-term)  Lisue		Issuer(Long-term)	August 25, 2015	AA-p	Negative
Company, Incorporated Hokkaido Electric Power Lissuer(Long-term)  Issuer(Long-term)  July 21, 2021  AA-p  Stable  Stable  Stable  Stable					
Company, Incorporated Hokkaido Electric Power Lisuer(Long-term)  July 21, 2021  AA-p  Stable  Stable  Hokkaido Electric Power Lisuer(Long-term)  Lily 27, 2023  AA-p  Stable		Issuer(Long-term)	June 29, 2016	AA-p	Negative
Company, Incorporated Hokkaido Electric Power Lisuer(Long-term)  Issuer(Long-term)  July 21, 2021  AA-p  Stable  Hokkaido Electric Power  Lisuer(Long-term)  July 27, 2023  AA-p  Stable					
Company, Incorporated Hokkaido Electric Power Lisuer(Long-term)  July 21, 2021  AA-p  Stable  Stable  Hokkaido Electric Power  Lisuer(Long-term)		Issuer(Long-term)	July 3 2017	AA-p	Negative
Company, Incorporated Hokkaido Electric Power Lisuer(Long-term)  Issuer(Long-term)  July 21, 2021  AA-p  Stable  Stable			vary 3, 2017		
Company, Incorporated Hokkaido Electric Power Lisuer(Long-term)  July 21, 2021  AA-p  Stable  Stable  Hokkaido Electric Power Lisuer(Long-term)  Lily 27, 2023  AA-p  Stable		Issuer(Long-term)	June 22, 2018	AA-p	Negative
Company, Incorporated Hokkaido Electric Power Lisuer(Long-term)  July 27, 2020  AA-p Stable  Negative  AA-p Stable			June 22, 2010		
Hokkaido Electric Power Company, Incorporated Hokkaido Electric Power Lisuer(Long-term)  July 21, 2021  AA-p  Stable  Stable  Hokkaido Electric Power  Lisuer(Long-term)  Lisuer(Long-term)  Lisuer(Long-term)  Stable	Hokkaido Electric Power	Issuer(Long-term)	July 2 2019	AA-p	Negative
Company, Incorporated  Hokkaido Electric Power Company, Incorporated  Hokkaido Electric Power Company, Incorporated  Hokkaido Electric Power Company, Incorporated  Issuer(Long-term)  July 20, 2020  AA-p  Stable  Negative  July 21, 2021  AA-p  Stable  Hokkaido Electric Power  Lister(Long-term)  July 27, 2023  AA-p  Stable			July 2, 2017		
Hokkaido Electric Power Company, Incorporated Hokkaido Electric Power Company, Incorporated Hokkaido Electric Power Company, Incorporated Hokkaido Electric Power Lisuer(Long-term)  July 21, 2021  AA-p Stable  Stable  Hokkaido Electric Power Lisuer(Long-term)  Lisuer(Long-term)  Lisuer(Long-term)  Stable	Hokkaido Electric Power	Issuer(I ong term)	July 20, 2020	AA-p	Negative
Company, Incorporated Issuer(Long-term)  Hokkaido Electric Power Company, Incorporated Issuer(Long-term)  July 21, 2021 AA-p Stable  July 21, 2022 AA-p Stable  Hokkaido Electric Power  Issuer(Long-term)  July 27, 2023 AA-p Stable		issuer(Long-term)	July 20, 2020		
Company, Incorporated Hokkaido Electric Power Company, Incorporated Hokkaido Electric Power  Lissuer(Long-term)  Listy 27, 2023  A A-p  Stable	Hokkaido Electric Power	Issuar(Long town)	July 21 2021	AA-p	Stable
Hokkaido Electric Power Company, Incorporated Hokkaido Electric Power  Issuer(Long-term)  July 21, 2022  AA-p  Stable	Company, Incorporated	issuer(Long-term)	July 21, 2021		
Hokkaido Electric Power  Issuer(Long-term)  Luly 27, 2023 A A-m Stable		Issuer(Long-term)	I1 21 2022	AA-p	Stable
Hokkaido Electric Power  Issuer(Long-term)  Luly 27, 2023 A A-n Stable	Company, Incorporated	issuer(Long-term)	July 21, 2022		
Company Incorporated   Issuer(Long-term)   July 27, 2023   AA-p   Stable		Issuar(Long towns)	1 1 27 2022	Λ Λ	C4-1 1
Company, meorporated	Company, Incorporated	Issuer(Long-term)	July 27, 2023	AA-p	Stable

### 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.

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Mikiya Kubota

General Manager of Corporate Rating Department I