

SASB INDEX

Results related to the Kyushu Electric Power Group are organized on the basis of Electric Utilities & Power Generators industry standard provided by the U.S. Sustainability Accounting Standards Board (SASB).

The SASB Standards are primarily designed for U.S. companies and markets and therefore include items that are not applicable to the Kyuden Group, but we strive to disclose as much information as possible according to the Standards.

Disclosure topics	Accounting metrics	Category	Unit	Code	Results
Environment					
Greenhouse Gas Emissions & Energy Resource Planning	(1) Gross global Scope 1 emissions, percentage covered under (2) emissions-limiting regulations, and (3) emissions-reporting regulations	Quantitative	t-CO ₂ , %	IF-EU-110a.1	1. 19,040,000 [t-CO ₂] 2. 0 [%] (no regulated markets in Japan) 3. 100 [%] * Scope 1 emissions include direct emissions of greenhouse gases as defined in the Promotion of Global Warming Countermeasures (CO ₂ , N ₂ O, SF ₆ And HFC).
	Greenhouse gas (GHG) emissions associated with power deliveries	Quantitative	t-CO ₂	IF-EU-110a.2	23,900,000 [t-CO ₂] (25,700,000 [t-CO ₂]) * Values in parentheses represent CO ₂ emissions generated by Kyushu Electric Power Co., Inc. after adjustments made in accordance with the feed-in tariff system for renewable energy per the Promotion of Global Warming Countermeasures.
	Discussion of long-term and short-term strategy or plan to manage Scope 1 emissions, emissions reduction targets, and an analysis of performance against those targets	Discussion and Analysis	—	IF-EU-110a.3	○ The industry-wide target set by the Electricity Business Low Carbon Society Council is approximately 0.37 kg-CO ₂ /kWh based on the 2030 energy mix and greenhouse gas reduction targets set by the Japanese government. In order to achieve this industry-wide target, we will take into account the country's Strategic Energy Plan with a focus on "S+3E" so as to contribute to the reduction of carbon in Kyushu. • Proactive development of renewable energy, maximum acceptance, utilization of nuclear power generation on the premise of ensuring safety, and utilization of power that does not produce CO ₂ • Promote electrification on the demand side of energy through electric vehicles (EV) and heat pump technology ○ Business Performance Targets • Make a 70% contribution to Kyushu's CO ₂ emission reduction (26 million tons) • Develop renewable energy systems to produce 5 million kW of energy by 2030 [Development output] (2.5 million kW [equity output]) ○ Scope 1 emissions trends: 26.4 million tons in 2017, 17.56 million tons in 2018, and 19.04 million tons in 2019. In May, 2020, we participated as a member company in the Consortium for the Promotion of Electric Vehicle Utilization (hereinafter referred to as the Consortium) to help spread the popularity of electric commercial vehicles. In addition, we have set a goal of modifying all company vehicles (excluding vehicles that are not suitable for EV conversion) into EVs by 2030. We will continue to plan and proceed with initiatives required to achieve Japan's greenhouse gas reduction targets for 2030.
	(1) Number of customers served in markets subject to renewable portfolio standards (RPS) and (2) percentage fulfillment of RPS target by market	Quantitative	Number, %	IF-EU-110a.4	1. Not applicable 2. Not applicable * These items are marked as "Not applicable" because the RPS Act, which defines RPS regulations in Japan, was abolished in 2012 and replaced with a feed-in tariff system. * We purchase electricity generated by renewable energy systems at a fixed price.
Air Quality	Air emissions of the following pollutants: (1) NOx (excluding N ₂ O), (2) SOx, (3) particulate matter (PM10), (4) lead (Pb), and (5) mercury (Hg); percentage of each in or near areas of dense population	Quantitative	t, %	IF-EU-120a.4	1. 4,941 [t], 100 [%] 2. 3,549 [t], 100 [%] 3. Not disclosed 4. Not disclosed 5. Not disclosed * Information for categories 3, 4, and 5 are not disclosed because this information was not obtained using the measurement method recommended by SASB standards. * Figures are based on results excluding island-based combustion power plants.

Disclosure topics	Accounting metrics	Category	Unit	Code	Results
Environment					
Water Management	(1) Total water withdrawn, (2) total water consumed, percentage of each in regions with High or Extremely High Baseline Water Stress	Quantitative	1000 m ³ , %	IF-EU-140a.1	1. 6,397 [1,000 m ³], 0 [%] * Main applications: Water for thermal power generation and nuclear power generation (fresh water) * The above does not include hydroelectric power water (fresh water) or indirect cooling water (seawater) for thermal power generation. 2. 2,800 [1,000 m ³], 0 [%]
	Number of incidents of non-compliance associated with water quantity and/or quality permits, standards, and regulations	Quantitative	Number	IF-EU-140a.2	0
	Description of water management risks and discussion of strategies and practices to mitigate those risks	Discussion and Analysis	N/A	IF-EU-140a.3	We manage the following risks regarding the use of water resources, which are essential for the power generation business. Our hydroelectric power business is in compliance with laws and regulations regarding water intake. At hydroelectric power plants of or larger than a specific size, we release water to maintain the river environment. Our thermal power generation business collects and reuses water for power generation to reduce the amount of water intake. Our thermal power generation business and nuclear power generation business use seawater as indirect cooling water for power generation facilities. As such, we monitor the temperature difference between water intake and discharge. The results of verifying water stress in the current and future facility locations using WRI Aqueduct 3.0 tools to identify water risks are as follows: According to the Baseline Water Stress tool, maximum water stress is low-medium in the Kyushu region where we have installed a power plant that uses fresh water or seawater. Water-related risks such as droughts are assumed to occur less frequently there. * The extension of the section where the water flow rate of the river decreases due to water intake for hydroelectric power generation is 10 km or more, and the water collection area is 200 km ² .
Coal Ash Management	Amount of coal combustion residuals (CCR) generated, percentage recycled	Quantitative	t, %	IF-EU-150a.1	753,000 [t], 100.0 [%] * Amount of coal ash (fly ash and bottom ash)
	Total number of coal combustion residual (CCR) impoundments, broken down by hazard potential classification and structural integrity assessment	Quantitative	Number	IF-EU-150a.2	Not disclosed * We reuse most of the coal ash generated at thermal power plants. In fact, we achieved a reuse rate of 100% in fiscal 2019.

Disclosure topics	Accounting metrics	Category	Unit	Code	Results
Social capital					
Energy Affordability	Average retail electric rate for (1) residential, (2) commercial, and (3) industrial customers	Quantitative	JPY	IF-EU-240a.1	Not disclosed * We will withhold disclosure for competitive reasons due to the liberalization of electric power.
	Typical monthly electric bill for residential customers for (1) 500 kWh and (2) 1,000 kWh of electricity delivered per month	Quantitative	JPY	IF-EU-240a.2	1. 13,916 [Yen] 2. 29,010 [Yen]
	Number of residential customer electric disconnections for non-payment, percentage reconnected within 30 days	Quantitative	Number, %	IF-EU-240a.3	1. 48,336 * Number of cancellations due to non-payment of electricity charges * Excluding the service stops implemented based on the Specified Retail Supply Agreement 2. No data * In accordance with the power agreement, the power contract will be canceled if payment is not paid after the payment deadline date has passed. * No data because service stops and restorations are not specified in the power contract.
	Discussion of impact of external factors on customer affordability of electricity, including the economic conditions of the service territory	Discussion and Analysis	N/A	IF-EU-240a.4	The Electricity Business Act in Japan stipulates that general transmission and distribution operators shall not refuse consignment supply in their supply areas without justifiable grounds. When we accept an application to supply electricity in areas handled by Kyushu Electric Power Transmission and Distribution, in principle, we supply to the designated area. We believe that there is no difference in the opportunities for consumers to obtain low-cost energy, and therefore we recognize that there are no areas without power in these areas. With that, we recognize that the factors affecting electricity prices include the promotion of renewable energy generation based on the national system and fuel cost adjustments due to price fluctuations of thermal fuel that affect electricity prices.
Human Capital					
Workforce Health & Safety	(1) Total recordable incident rate (TRIR), (2) fatality rate, and (3) near miss frequency rate (NMFR)	Quantitative	%	IF-EU-320a.1	1. [Employees] 0.08 [%], [Contractors] Not disclosed because we do not know the total working hours. 2. [Employees] 0 [incidents], [Contractors] 0 [incidents] * We report the number of deaths as SASB standards do not provide a specific calculation formula for the percentage of deaths. 3. Not disclosed * This information is not disclosed because this information was not obtained using the measurement method recommended by SASB standards.
Business Model & Innovation					
End-Use Efficiency & Demand	Percentage of electric utility revenues from rate structures that (1) are decoupled and (2) contain a lost revenue adjustment mechanism (LRAM)	Quantitative	%	IF-FU-420a.1	Not applicable (No customers subject to decoupling and LRAM systems in Japan) * Sales decreases due to the progress of energy conservation will be resolved through gas sales and various services that meet customer needs.
	Percentage of electric load served by smart grid technology	Quantitative	%	IF-EU-420a.2	Penetration of smart meters in Kyushu Electric Power Transmission and Distribution areas: 62% ○ Results as of March, 2020: Approximately 5.4 million units ○ 2020 target: Approximately 6.3 million units
	Customer electricity savings from efficiency measures, by market	Quantitative	MWh	IF-EU-420a.3	The following information is disclosed as quantitative data instead of reduced power amounts. ○ Number of electrification and energy-saving solution proposals: Approximately 2,000 (5 years from 2015 to 2019) * Kyushu Electric Power Company provides a variety of solutions to customers for electrification and energy conservation. (URL: http://www.kyuden.co.jp/service_index/)

Disclosure topics	Accounting metrics	Category	Unit	Code	Results
Leadership & Governance					
Nuclear Safety & Emergency Management	Total number of nuclear power units, broken down by U.S. Nuclear Regulatory Commission (NRC) Action Matrix Column	Quantitative	Number	IF-EU-540a.1	6 units (breakdown: 4 units at the Genkai Nuclear Power Station, 2 units at the Sendai Nuclear Power Station) * Genkai Nuclear Power Station is in the process of decommissioning units 1 and 2.
	Description of efforts to manage nuclear safety and emergency preparedness	Discussion and Analysis	N/A	IF-EU-540a.2	The Kyushu Electric Power Company is working to maintain and improve the safety and reliability of nuclear power stations by accurately implementing safety activities based on the quality management system for nuclear safety headed by the President and steadily making continuous improvements, including risk management to prevent abnormalities. In addition, we are continuously working to foster and maintain an corporate culture in which each employee can raise awareness of various risks of nuclear power, ask what can be done to improve safety, and demonstrate leadership to improve performance. We have also established the Nuclear Safety and Reliability Improvement Committee as a mechanism to receive opinions on the operation of nuclear power from a third-party perspective as part of efforts to further improve the safety of nuclear power.
Grid Resiliency	Number of incidents of non-compliance with physical and/or cybersecurity standards or regulations	Quantitative	Number	IF-EU-550a.1	0 (number of non-compliance issues with cybersecurity regulations)
	(1) System Average Interruption Duration Index (SAIDI), (2) System Average Interruption Frequency Index (SAIFI), and (3) Customer Average Interruption Duration Index (CAIDI), inclusive of major event days	Quantitative	Minutes, Number	IF-EU-550a.2	1. 15 [minutes] 2. 0.08 [outages] 3. 187.5 [minutes/month]

Activity Metrics

Accounting Metric	Unit	Code	Results
Number of: (1) residential, (2) commercial, and (3) industrial customers served	Number	IF-EU-000.A	Not disclosed * We will withhold disclosure for competitive reasons due to the liberalization of electric power.
Total electricity delivered to: (1) residential, (2) commercial, (3) industrial, (4) all other retail customers, and (5) wholesale customers	MWh	IF-EU-000.B	Total electricity delivered by Kyuden Group: 80,710,000 [MWh] * A breakdown of items (1)-(5) is not disclosed for competitive reasons due to the liberalization of electric power.
Length of transmission and distribution lines	km	IF-EU-000.C	*Transmission lines: Overhead 16,600 [km], underground 1,407 [km] (line extensions) *Distribution lines: Overhead 140,748 [km], underground 2,084 [km] (span)
Total electricity generated, percentage by major energy source, percentage in regulated markets	MWh, %	IF-EU-000.D	1. 59,000,000 [MWh] 2. Hydroelectric power: 8.21 [%], Coal: 27.60 [%], LNG: 11.92 [%], Petroleum: 1.51 [%], Thermal power (other): 0.01 [%], Nuclear power: 48.96 [%], Wind power: 0.00 [%], Geothermal: 1.78 [%] * Rounded to the third decimal place 3. Not applicable (no regulated markets in Japan)
Total wholesale electricity purchased	MWh	IF-EU-000.E	Not disclosed * We will withhold disclosure for competitive reasons due to the liberalization of electric power.