

6-Year Financial Data

| | | | | (Mi | llions of yen |
|---------|-------------------------------|---|---|---|--|
| 2018/3 | 2019/3 | 2020/3 | 2021/3 | 2022/3 | 2023/3 |
| | | | | | |
| 856,252 | 897,366 | 913,775 | 909,144 | 1,084,621 | 1,841,922 |
| 104,336 | 78,844 | 83,638 | 77,775 | 86,979 | 183,867 |
| 102,476 | 68,539 | 78,085 | 60,903 | 72,846 | 170,792 |
| 68,448 | 46,252 | 42,277 | 22,304 | 69,687 | 113,689 |
| | 856,252 104,336 102,476 | 856,252 897,366 104,336 78,844 102,476 68,539 | 856,252 897,366 913,775 104,336 78,844 83,638 102,476 68,539 78,085 | 856,252 897,366 913,775 909,144 104,336 78,844 83,638 77,775 102,476 68,539 78,085 60,903 | 2018/3 2019/3 2020/3 2021/3 2022/3 856,252 897,366 913,775 909,144 1,084,621 104,336 78,844 83,638 77,775 86,979 102,476 68,539 78,085 60,903 72,846 |

| Consolidated: Electricity Sales Volume | | | | | (| (Million kWh) |
|---|--------|--------|--------|--------|--------|---------------|
| Electric Power Business | 67,090 | 69,356 | 73,131 | 74,558 | 74,792 | 68,467 |
| Hydroelectric | 9,247 | 9,709 | 9,196 | 8,905 | 9,291 | 8,888 |
| Thermal | 56,782 | 54,946 | 52,053 | 52,140 | 47,994 | 45,673 |
| Wind | 824 | 815 | 865 | 1,211 | 1,190 | 1,047 |
| Other*1 | 235 | 3,886 | 11,016 | 12,301 | 16,316 | 12,857 |
| Overseas Business*2 | 15,871 | 10,927 | 15,640 | 11,097 | 11,061 | 14,271 |
| Domestic Hydroelectric: Water Supply Rate | 105% | 106% | 101% | 96% | 99% | 94% |
| Domestic Thermal: Load Factor (non-consolidated) | 80% | 79% | 77% | 75% | 67% | 65% |

*1 Electric power sales volume of electricity procured from wholesale electricity market, etc.

*2 Electric power sales volume of overseas consolidated subsidiaries (Electric power sales volume of equity method affiliates is not included.)

| | | | | | (Mil | llions of yen) |
|--|-----------|-----------|-----------|-----------|-----------|----------------|
| | 2018/3 | 2019/3 | 2020/3 | 2021/3 | 2022/3 | 2023/3 |
| Consolidated: Balance Sheet Items | | | | | | |
| Total Assets | 2,647,054 | 2,766,179 | 2,805,390 | 2,841,960 | 3,066,176 | 3,362,685 |
| Total Liabilities | 1,810,929 | 1,920,597 | 1,948,003 | 1,988,274 | 2,102,071 | 2,169,942 |
| Total Net Assets | 836,124 | 845,582 | 857,387 | 853,685 | 964,105 | 1,192,743 |
| | | | | | | |
| Consolidated: Cash Flow Items | | | | | | |
| Net Cash Provided by (Used in) Operating Activities | 160,310 | 148,423 | 159,245 | 167,959 | 128,380 | 155,832 |
| Net Cash Provided by (Used in) Investing Activities | (109,635) | (170,432) | (161,711) | (143,274) | (178,846) | (150,839) |
| Free Cash Flow | 50,674 | (22,008) | (2,466) | 24,684 | (50,466) | 4,993 |
| | | | | | | |
| Consolidated: Financial Indicators | | | | | | |
| Return on Assets (ROA) | 3.9% | 2.5% | 2.8% | 2.2% | 2.5% | 5.3% |
| ROA (after excluding construction in progress from tangible fixed assets) | 4.8% | 3.2% | 3.6% | 2.8% | 3.1% | 6.6% |
| Return on Equity (ROE) | 9.1% | 5.8% | 5.3% | 2.8% | 8.1% | 11.4% |
| Net Income per Share (EPS) (Yen) | 373.93 | 252.68 | 230.96 | 121.85 | 380.70 | 621.50 |
| Net Assets per Share (BPS) (Yen) | 4,300.98 | 4,356.54 | 4,412.84 | 4,420.39 | 5,004.39 | 5,931.68 |
| Equity Ratio | 29.7% | 28.8% | 28.8% | 28.5% | 29.9% | 32.3% |
| Debt-Equity Ratio | 2.0 | 2.1 | 2.0 | 2.1 | 2.0 | 1.7 |
| Number of Common Shares Issued at the End of the Period (excluding treasury stock) (Thousands) | 183,049 | 183,048 | 183,048 | 183,048 | 183,048 | 182,861 |

For data on performance trends and financial information in graph form, please refer to the J-POWER website. https://www.jpower.co.jp/english/ir/financial/

| | | | | | (Mi | llions of yen) |
|--|---------|---------|---------|---------|---------|----------------|
| | 2018/3 | 2019/3 | 2020/3 | 2021/3 | 2022/3 | 2023/3 |
| Non-Consolidated: Operating Revenue/ Expenses | | | | | | |
| Operating Revenue (Net Sales) | 614,591 | 646,958 | 571,291 | 589,915 | 790,055 | 1,370,724 |
| Electric Utility Operating Revenue | 601,475 | 633,617 | 563,813 | 583,812 | 781,056 | 1,353,379 |
| Electric Power Cost | - | - | - | - | 606 | 1,168 |
| Sold Power to Other Suppliers | 545,659 | 580,652 | 510,429 | 566,068 | 767,205 | 1,337,307 |
| Other* ³ | 55,816 | 52,964 | 53,383 | 17,744 | 13,245 | 14,904 |
| Incidental Business Operating Expenses | 13,115 | 13,340 | 7,478 | 6,102 | 8,998 | 17,344 |
| Operating Expenses | 571,519 | 628,279 | 546,405 | 512,060 | 772,155 | 1,324,162 |
| Electric Utility Operating Expenses | 559,300 | 615,712 | 539,708 | 506,536 | 763,745 | 1,307,562 |
| Personnel Expenses | 34,205 | 32,494 | 35,861 | 31,875 | 20,136 | 20,621 |
| Fuel Cost | 257,308 | 289,024 | 233,234 | 193,776 | 298,588 | 762,152 |
| Repair Expenses | 63,458 | 69,715 | 66,652 | 44,133 | 51,540 | 41,937 |
| Consignment Cost | 41,284 | 41,951 | 42,578 | 47,182 | 51,961 | 51,389 |
| Depreciation and Amortization Cost | 53,469 | 51,050 | 52,702 | 55,277 | 55,930 | 58,963 |
| Other | 109,574 | 131,475 | 108,678 | 134,290 | 285,588 | 372,497 |
| Incidental Business Operating Expenses | 12,219 | 12,567 | 6,697 | 5,524 | 8,410 | 16,600 |
| Operating Profit | 43,071 | 18,678 | 24,886 | 77,854 | 17,899 | 46,561 |
| | | | | | | |

*3 Transmission revenue and miscellaneous Electric Power Business revenue; due to the split-off of the Power Transmission Business in April 2020, only miscellaneous Electric Power Business revenue will be recorded from FY2020 onward.

| Segment Information | | | | | (Mi | llions of yen) |
|---------------------------------|-----------|-----------|-----------|-----------|-----------|----------------|
| - | 2018/3 | 2019/3 | 2020/3 | 2021/3 | 2022/3 | 2023/3 |
| Sales to External Customers | | | | | | |
| Electric Power Business | 631,923 | 693,790 | 684,155 | 731,302 | 876,431 | 1,417,902 |
| Electric Power-Related Business | 36,934 | 35,518 | 31,988 | 24,784 | 44,659 | 119,203 |
| Overseas Business | 163,084 | 141,024 | 179,094 | 138,087 | 145,106 | 277,555 |
| Other Businesses | 24,309 | 27,032 | 18,537 | 14,970 | 18,424 | 27,260 |
| Consolidated | 856,252 | 897,366 | 913,775 | 909,144 | 1,084,621 | 1,841,922 |
| Ordinary Profit | | | | | | |
| Electric Power Business | 39,561 | 14,995 | 27,466 | 19,082 | 26,685 | 54,591 |
| Electric Power-Related Business | 23,098 | 26,468 | 18,507 | 12,292 | 25,834 | 92,831 |
| Overseas Business | 40,528 | 29,284 | 33,965 | 30,883 | 22,017 | 22,692 |
| Other Business | 1,258 | 1,388 | 569 | 1,049 | 1,234 | 1,805 |
| Adjustments | (1,970) | (3,597) | (2,423) | (2,405) | (2,925) | (1,128) |
| Consolidated | 102,476 | 68,539 | 78,085 | 60,903 | 72,846 | 170,792 |
| Assets | | | | | | |
| Electric Power Business | 1,895,862 | 2,006,157 | 2,040,598 | 2,100,359 | 2,199,238 | 2,299,090 |
| Electric Power-Related Business | 265,830 | 275,549 | 244,503 | 240,308 | 252,821 | 308,661 |
| Overseas Business | 637,741 | 657,109 | 680,942 | 679,102 | 773,037 | 918,385 |
| Other Business | 17,979 | 18,244 | 15,627 | 16,810 | 17,946 | 15,853 |
| Adjustments | (170,359) | (190,881) | (176,281) | (194,621) | (176,868) | (179,304) |
| Consolidated | 2,647,054 | 2,766,179 | 2,805,390 | 2,841,960 | 3,066,176 | 3,362,685 |

Consolidated Financial Statements

Introduction

The Value We Provide

| Consolidated Balance Sheet | (Millions of yen) | | | |
|--|-------------------|-----------|--|--|
| | 2022/3 | 2023/3 | | |
| Assets | | | | |
| Non-Current Assets | 2,594,819 | 2,701,385 | | |
| Electric Utility Plant and Equipment | 1,076,948 | 1,065,522 | | |
| Hydroelectric Power Production Facilities | 360,084 | 374,454 | | |
| Thermal Power Production Facilities | 401,071 | 379,750 | | |
| Internal Combustion Engine Power Production Facilities | 1,198 | _ | | |
| Renewable Power Production Facilities | 76,556 | 77,783 | | |
| Transmission Facilities | 144,458 | 140,248 | | |
| Transformation Facilities | 30,236 | 32,954 | | |
| Communication Facilities | 6,600 | 6,303 | | |
| General Facilities | 56,742 | 54,028 | | |
| Overseas Business Facilities | 271,356 | 447,201 | | |
| Other Non-Current Assets | 92,297 | 89,219 | | |
| Construction in Progress | 676,596 | 572,165 | | |
| Construction in Progress | 676,596 | 572,165 | | |
| Nuclear Fuel | 75,806 | 76,226 | | |
| Nuclear Fuel in Processing | 75,806 | 76,226 | | |
| Investments and Other Assets | 401,813 | 451,048 | | |
| Long-Term Investments | 323,770 | 371,914 | | |
| Net Defined Benefit Asset | 241 | 1,473 | | |
| Deferred Tax Assets | 64,277 | 56,896 | | |
| Other | 13,642 | 20,867 | | |
| Allowance for Doubtful Accounts | (118) | (102) | | |
| Current Assets | 471,357 | 661,300 | | |
| Cash and Deposits | 223,072 | 342,018 | | |
| Notes and Accounts Receivable–Trade and Contract Assets | 80,439 | 129,901 | | |
| Inventories | 62,173 | 110,315 | | |
| Other | 105,674 | 79,067 | | |
| Allowance for Doubtful Accounts | (3) | (3) | | |
| Total Assets | 3,066,176 | 3,362,685 | | |

| | | (Millions of yen) |
|---|-----------|-------------------|
| | 2022/3 | 2023/3 |
| Liabilities | | |
| Non-Current Liabilities | 1,686,575 | 1,797,923 |
| Bonds Payable | 706,484 | 774,085 |
| Long-Term Loans Payable | 839,645 | 893,363 |
| Lease Obligations | 2,239 | 1,695 |
| Other Provisions | 20 | 11 |
| Net Defined Benefit Liability | 37,976 | 33,301 |
| Asset Retirement Obligations | 35,240 | 34,087 |
| Deferred Tax Liabilities | 16,808 | 25,098 |
| Other | 48,158 | 36,279 |
| Current Liabilities | 415,496 | 372,019 |
| Current Portion of Non-Current Liabilities | 145,467 | 207,374 |
| Short-Term Loans Payable | 8,149 | 10,715 |
| Commercial Paper | 90,016 | _ |
| Notes and Accounts Payable-Trade | 44,651 | 53,774 |
| Accrued Taxes | 18,276 | 27,884 |
| Other Provisions | 691 | 698 |
| Asset Retirement Obligations | 426 | 476 |
| Others | 107,817 | 71,096 |
| Total Liabilities | 2,102,071 | 2,169,942 |
| | | |
| Net Assets | 070.000 | 077.000 |
| Shareholders' Equity | 870,826 | 977,800 |
| Capital Stock | 180,502 | 180,502 |
| Capital Surplus | 119,881 | 128,178 |
| Retained Earnings | 570,452 | 669,498 |
| Treasury Shares | (9) | (378) |
| Accumulated Other Comprehensive Income | 45,203 | 106,878 |
| Valuation Difference on Available-for-Sale Securities | 14,014 | 14,372 |
| Deferred Gains or Losses on Hedges | (9,359) | 7,948 |
| Foreign Currency Translation Adjustment | 32,136 | 78,928 |
| Remeasurements of Defined Benefit Plans | 8,411 | 5,629 |
| Non-Controlling Interests | 48,075 | 108,064 |
| Total Net Assets | 964,105 | 1,192,743 |
| Total Liabilities and Net Assets | 3,066,176 | 3,362,685 |

Disclosure Based on TCFD Sustainability Initiatives

Recommendations

Strategy and Business

G

Data Section

Introduction The Value We Provide Strategy and Business Disclosure Based on TCFD Sustainability Initiatives Data Section Content Recommendations

Consolidated Financial Statements

| Consolidated Statement of Income | (Millions of yen) | | | |
|--|-------------------|-----------|--|--|
| | 2022/3 | 2023/3 | | |
| Operating Revenue (Net Sales) | 1,084,621 | 1,841,922 | | |
| Electric Utility Operating Revenue | 876,431 | 1,417,902 | | |
| Overseas Business Operating Revenue | 145,106 | 277,555 | | |
| Other Business Operating Revenue | 63,083 | 146,464 | | |
| Operating Expenses | 997,642 | 1,658,055 | | |
| Electric Utility Operating Expenses | 824,491 | 1,340,611 | | |
| Overseas Business Operating Expenses | 118,290 | 248,592 | | |
| Other Business Operating Expenses | 54,860 | 68,850 | | |
| Operating Profit | 86,979 | 183,867 | | |
| Non-Operating Income | 22,508 | 24,764 | | |
| Dividends Income | 1,862 | 1,927 | | |
| Interest Income | 1,811 | 3,472 | | |
| Share of Profit of Entities Accounted for Using Equity Method | 14,228 | 9,128 | | |
| Gain on Sales of Non-Current Assets | 63 | 3,936 | | |
| Other | 4,543 | 6,299 | | |
| Non-Operating Expenses | 36,641 | 37,839 | | |
| Interest Expenses | 22,442 | 27,368 | | |
| Loss on Disposal of Non-Current Assets | 1,780 | 4,667 | | |
| Other | 12,418 | 5,803 | | |
| Total Ordinary Revenue | 1,107,130 | 1,866,686 | | |
| Total Ordinary Expenses | 1,034,283 | 1,695,894 | | |
| Ordinary Profit | 72,846 | 170,792 | | |
| Profit before Income Taxes | 72,846 | 170,792 | | |
| Income Taxes-Current | 14,581 | 37,935 | | |
| Income Taxes-Deferred | (16,519) | 13,864 | | |
| Total Income Taxes | (1,938) | 51,799 | | |
| Profit | 74,784 | 118,993 | | |
| Profit Attributable to Non-Controlling Interests | 5,097 | 5,303 | | |
| Profit Attributable to Owners of Parent | 69,687 | 113,689 | | |

Note: Under each item, there are cases of fiscal years in which the monetary importance has been minor being included and represented under another item.

| Consolidated Statement of Cash Flows | (Millions of yen) | | | |
|---|-------------------|------------|--|--|
| | 2022/3 | 2023/3 | | |
| Cash Flows from Operating Activities | | | | |
| Profit before Income Taxes | 72,846 | 170,792 | | |
| Depreciation and Amortization | 96,997 | 107.642 | | |
| Loss on Retirement of Non-Current Assets | 4.828 | 6.821 | | |
| Increase (Decrease) in Net Defined Benefit Liability | (7,372) | (9,685) | | |
| Interest and Dividend Income | (3,673) | (5,400) | | |
| Interest Expenses | 22,442 | 27,368 | | |
| Decrease (Increase) in Notes and | (10,000) | (47.005) | | |
| Accounts Receivable-Trade | (10,283) | (47,335) | | |
| Decrease (Increase) in Inventories | (15,958) | (44,357) | | |
| Increase (Decrease) in Notes and Accounts Payable-Trade | 12,182 | 18,316 | | |
| Share of (Profit) Loss of Entities Accounted for Using Equity | (14000) | (0 1 2 0) | | |
| Method | (14,228) | (9,128) | | |
| (Gain) Loss on Sales of Non-Current assets | 23 | (3,251) | | |
| Other, Net | 21,889 | (27,055) | | |
| Subtotal | 179,694 | 184,727 | | |
| Interest and Dividend Income Received | 15,576 | 18,989 | | |
| Interest Expenses Paid | (21,537) | (26,220) | | |
| Income Taxes Paid | (45,353) | (21,663) | | |
| Net Cash Provided by (Used in) Operating Activities | 128,380 | 155,832 | | |
| Cash Flows from Investing Activities | | | | |
| Purchase of Non-Current Assets | (135,282) | (144,862) | | |
| Proceeds from Sales of Non-Current Assets | 392 | 5,008 | | |
| Payments of Investments and Loans Receivable | (49,740) | (7,828) | | |
| Collections of Investments and Receivable | 4,744 | 3,140 | | |
| Proceeds from Sales of Investments in Subsidiaries | | 156 | | |
| Resulting in Change in Scope of Consolidation | _ | 156 | | |
| Other, Net | 1,039 | (6,454) | | |
| Net Cash Provided by (Used in) Investing Activities | (178,846) | (150,839) | | |
| Cash Flows from Financing Activities | | | | |
| Proceeds from Issuance of Bonds | 71,242 | 137,192 | | |
| Redemption of Bonds | (20,000) | (20,000) | | |
| Proceeds from Long-Term Loans Payable | 49,155 | 157,684 | | |
| Repayment of Long-Term Loans Payable | (65,311) | (126,468) | | |
| Increase in Short-Term Loans Payable | 37,154 | 122,626 | | |
| Decrease in Short-Term Loans Payable | (37,924) | (120,061) | | |
| Proceeds from Issuance of Commercial Paper | 140,033 | 219,999 | | |
| Redemption of Commercial Paper | (70,000) | (310,000) | | |
| Proceeds from Sales of Investments in Subsidiaries without | _ | 55,821 | | |
| Change in Scope of Consolidation | | | | |
| Cash Dividends Paid | (13,725) | (14,647) | | |
| Dividends Paid to Non-Controlling Interests | (5,918) | (4,673) | | |
| Other, Net | (636) | (1,453) | | |
| Net Cash Provided by (Used in) Financing Activities | 84,070 | 96,021 | | |
| Effect of Exchange Rate Change on Cash and Cash Equivalents | 3,686 | 10,729 | | |
| Net Increase (Decrease) in Cash and Cash Equivalents | 37,290 | 111,743 | | |
| Cash and Cash Equivalents at Beginning of the Period | 185,260 | 222,551 | | |
| Cash and Cash Equivalents at the End of the Period | 222,551 | 334,294 | | |

Note: Under each item, there are cases of fiscal years in which the monetary importance has been minor being included and represented under another item.



SASB INDEX

Relevant performance is organized in accordance with the Electric Utilities & Power Generators industry standards set by the US-based Sustainability Accounting Standards Board (SASB). SASB Standards were created primarily with companies and markets in North America in mind and incorporate some items that do not apply to our business. However, we have attempted to disclose as much information as possible.

| Торіс | Accounting Metric | Code | Unit | Result |
|--|--|---------------|-----------------------------|---|
| Greenhouse Gas | (1) Gross global Scope 1 emissions | IF-EU-110a.1. | t-CO ₂ | 48,910,000 |
| Emissions & Energy Resource Planning*1 | (2) Percentage of Scope 1 emissions under emissions-limiting regulations | | % | Not applicable |
| | (3) Percentage of Scope 1 under emissions-reporting regulations | | % | 100% |
| | Greenhouse gas (GHG) emissions associated with power deliveries | IF-EU-110a.2. | t-CO ₂ | 48,730,000 |
| | Discussion of long-term and short-term strategy or plan to manage Scope 1 Emissions | IF-EU-110a.3. | | Aim for net-zero emissions (carbon neutrality) by 2050. Concerning coal-fired power in Japan as we head toward 2030, we will phase out power plants that have become obsolete, starting with the oldest, and upcycle remaining power plants to highly efficient power systems that use hydrogen by adding gasification facilities, thereby reducing emissions. We will also introduce mixed combustion of biomass and ammonia, further reducing emissions. |
| | Emissions reduction targets | _ | | 2050 Net-zero emissions 2030 Reduce CO ₂ emissions from the J-POWER Group's domestic power generation business: 46% (22.5 million t-CO ₂)* ³ FY2025 Reduce CO ₂ emissions from the J-POWER Group's domestic power generation business: 9.2 million t-CO ₂ * ³ |
| | Analysis of performance against the above targets | | | In order to cut FY2030 CO ₂ emissions from the J-POWER Group's domestic power generation business 46% (22.5 million t-CO ₂) ⁴² , we added 9.2 million t reduction by FY2025 as an interim target and are moving forward with plans to implement the above reductions. |
| | (1) Number of customers served in markets subject to renewable portfolio standards (RPS) | IF-EU-110a.4 | Cases | Not applicable (The RPS law which established RPS regulations in Japan was abolished in 2012 and has shifted to a feed-in tariff system.) |
| | (2) Percentage fulfillment of RPS target by market | | % | |
| Air Quality*2 | (1) NOx | IF-EU-120a.1. | t, % | 24,500 tons, [100%] The percentage value indicates emission rate in densely populated areas. |
| | (2) SOx | | t, % | 9,300 tons, [100%] The percentage value indicates emission rate in densely populated areas. |
| | (3) Particulate matter (PM ₁₀) | | t, % | Undisclosed, as we have not adopted measurement methods recommended by the SASB Standards. |
| | (4) Lead (Pb) | | t, % | Undisclosed, as we have not adopted measurement methods recommended by the SASB Standards. |
| | (5) Mercury (Hg) | | t, % | Undisclosed, as we have not adopted measurement methods recommended by the SASB Standards. |
| Water | (1) Total water withdrawn | IF-EU-140a.1. | thousand m ³ , % | 60,736,000 thousand m ³ , [0%] The percentage value indicates the proportion of areas with high/extremely high water stress. |
| Management*2 | (2) Total water consumed | | thousand m ³ , % | 14,900 thousand m ³ , [45%] The percentage value indicates the proportion of areas with high/extremely high water stress. |
| | Number of incidents of non-compliance associated with water quantity and/or quality permits, standards, and regulations | IF-EU-140a.2. | Cases | 0 |
| | Description of water management risks and discussion of strategies and practices to mitigate those risks | IF-EU-140a.3. | | The Company manages the following risks related to the use of water resources, which are essential to its power generation business. In the hydroelectric power generation business, the amount of water withdrawal permitted by law is observed, and as shown in* ¹ , the river environment is maintained by discharging water from rivers exceeding a certain size . In the thermal power generation business, we are working to reduce water intake by recovering and reusing water for power generation. In addition, seawater is used as indirect cooling water for power generation facilities, and we comply with the levels stipulated in environmental conservation agreements. WRI Aqueduct (3.0) is used to locate water risks for the hydroelectric and thermal power plants of consolidated subsidiaries that use large amounts of water resources. As a result, while no power plants operate in places with high water stress in Japan, there are many thermal power plants located in regions with high water stress overseas. In such overseas areas, we are reducing water intake/consumption and operational risk by reusing water discharges after treatment and constructing reservoirs by taking each site's environment into account. |
| Coal Ash Management*2 | Amount of coal combustion residuals (CCR) generated and percentage recycled | IF-EU-150a.1. | t, % | 1,643,000 tons (95.8%) |
| | Number of CCR impoundments | IF-EU-150a.2. | Cases | 3 |

*1 The figure is calculated for J-POWER and its domestic and overseas consolidated subsidiaries and equity method affiliates (Electric Power Business, Overseas Business, Electric Power Related Business, etc.).

*2 The figure is calculated for J-POWER and its domestic and overseas consolidated subsidiaries (Electric Power Business, Overseas Business, Electric Power Related Business, etc.), without taking into account the ratio of capital contribution.

*3 All of these reductions are compared to FY2013.

*4 The length of the section of the river where water intake for hydroelectric power generation reduces water flow is 10 km or more and the catchment area is 200 km² or more, etc.



SASB INDEX

| Торіс | Accounting Metric | Code | Unit | Result |
|---|--|---------------|--------------------|---|
| Energy Affordability | (1) Retail electric rate for residential customers (2) Retail electric rate for commercial customers (3) Average retail electric rate for industrial customers | IF-EU-240a.1. | | Not disclosed for competitive reasons due to deregulation of the electric power industry |
| | Typical monthly electric bill for residential customers for (1) 500 kWh of electricity delivered per month | IF-EU-240a.2. | | |
| | Typical monthly electric bill for residential customers for (2) 1,000 kWh of electricity delivered per month | | | |
| | (1) Number of residential customer electric disconnections for non-payment | IF-EU-240a.3. | | |
| | (2) Percentage reconnected within 30 days | | | |
| Workforce Health & Safety | (1) Total recordable incident rate (statistic count × 200,000 / hours worked) | IF-EU-320a.1. | | 0.18 (Employees: 0.10.; Outsourcing & other contractors: 0.21) (Calculations are for J-POWER, five major J-POWER Group companies,* and cooperating companies.) |
| | (2) Fatality rate (number of cases) | | Cases | 0 |
| | (3) Near miss frequency rate (statistic count × 200,000 / hours worked) | | | Undisclosed, as we have not adopted measurement methods recommended by the SASB Standards |
| End-Use | Decoupled percentage | IF-EU-420a.1. | % | Not applicable |
| Efficiency & | Lost revenue adjustment mechanism (LRAM) percentage |] | % | (Not applicable as no customers in Japan have adopted the decoupling and LRAM) |
| Demand | Percentage of electric load (MWh) served by smart grid technology | IF-EU-420a.2. | | Not disclosed for competitive reasons due to deregulation of the electric power industry |
| | Customer electricity savings from efficiency measures, by market | IF-EU-420a.3. | MWh | Not applicable |
| Nuclear Safety & Emergency Management | Total number of nuclear power units | IF-EU-540a.1. | Number of units | 1 (Ohma Nuclear Power Plant) (The starting operation date is undetermined since the Ohma Nuclear Power Plant is currently under construction and review by the Nuclear Regulation Authority of its com- pliance with the New Safety Standards for Nuclear Power Stations.) |
| Management | Description of efforts to manage nuclear safety and emergency preparedness | IF-EU-540a.2. | | We will work to improve safety by aptly implementing safety activities based on the quality management system for nuclear safety led by our president, and by steadily undertaking continuous improvement through the Corrective Action Program (CAP). Furthermore, with "safety first" as our organizational culture and with awareness among all of us of the roles and the importance of our work duties, we engage in activities to foster and maintain a culture of nuclear safety by which we continuously improve ourselves. |
| Grid Resiliency | Number of incidents of non-compliance with physical and/or cybersecurity standards or regulations | IF-EU-550a.1. | | Not disclosed due to risks associated with disclosure |
| | (1) System Average Interruption Duration Index (SAIDI) | IF-EU-550a.2. | | Not applicable |
| | (2) System Average Interruption Frequency Index (SAIFI) | 1 | | (J-POWER Transmission Network Co., Ltd., a consolidated subsidiary of the Company, owns electric power transmission and substation facilities and engages in electricity transmission as stipulated in the Electricity Business Act, but does not own distribution facilities and does not engage in the business of supplying electricity to end users. |
| | (3) Customer Average Interruption Duration Index (CAIDI) | 1 | | utansmission as supulated in the treating business Act, but uses not own distribution and unlines and uses not engage in the business of supplying electricity to end users. This is currently placed under the roles of individual transmission system operators (TSOs) that engage in grid operations in specific areas.) |

* Major consolidated subsidiaries to which J-POWER outsources electric power facilities maintenance. J-POWER Business Service Corporation, J-POWER HYTEC Co., Ltd., J-POWER Generation Service Co., Ltd., J-POWER Design Co., Ltd.

Activity Metrics

| Business metrics | Unit | Result |
|--|-------|---|
| Number of: (1) residential, (2) commercial, and (3) industrial customers served | Cases | Not disclosed for competitive reasons due to deregulation of the electric power industry |
| Total electricity delivered to: (1) residential, (2) commercial, (3) industrial, (4) all other retail customers, and (5) wholesale customers | MWh | Not disclosed for competitive reasons due to deregulation of the electric power industry |
| Length of transmission and distribution lines | km | 2,410.2 km |
| Total electricity generated, percentage by major energy source, percentage in regulated markets | MWh,% | (1) 69,880,969 MWh (2) Hydroelectric: 12.7% Thermal: 85.8% Wind: 1.5% (3) Not applicable (Marked "Not applicable" as there are no "regulated markets" in Japan) |
| Total wholesale electricity purchased | MWh | Not disclosed for competitive reasons due to deregulation of the electric power industry |

Other ESG data



Translation

The Value We Provide

Strategy and Business

The following is an English translation of an independent assurance report prepared in Japanese and is for information and reference purposes only. In the event of a discrepancy between the Japanese and English versions, the Japanese version will prevail. August 4, 2023

Independent Assurance Report

TO: Mr. Hitoshi Kanno Representative Director President and Chief Executive Officer Electric Power Development Co., Ltd.

Engagement Partner-Takefumi Kawasaki Engagement Partner-Yasuo Maeda Ernst & Young ShinNihon LLC Tokyo, Japan

We, Emst & Young ShinNihon LLC, have been commissioned by Electric Power Development Co., Ltd. (hereafter the "Company") and have carried out a limited assurance engagement on the Key Environmental Performance Indicators (hereafter the "Indicators") of the Company and its major subsidiaries for the year ended March 31, 2023 as included in J-POWER Group Integrated Report 2023 (hereafter the "Report"). The scope of our assurance procedures was limited to the Indicators marked with the symbol "*****" in the Report.

1. The Company's Responsibilities

The Company is responsible for preparing the Indicators in accordance with the Company's own criteria, which it determined with consideration of Japanese environmental regulations as presented in the Investor Relations, IR Library, Integrated Reports, Supplementary Material: Environmentof of the Company's website. Greenhouse gas (GHG) emissions are estimated using emissions factors, which are subject to scientific and estimation uncertainties, given instruments for measuring GHG emissions may vary in characteristics, in terms of functions and assumed parameters.

2. Our Independence and Quality Control

We have met the independence requirements of the Code of Ethics for Professional Accountants issued by the International Ethics Standards Board for Accountants, which is based on the fundamental principles of integrity, objectiveness, professional competence and due care, confidentiality, and professional behavior.

In addition, we maintain a comprehensive quality control system, including documented policies and procedures for compliance with ethical rules, professional standards, and applicable laws and regulations in accordance with the International Standard on Quality Management("ISQM") I issued by the International Auditing and Assurance Standards Board.

3. Our responsibilities

Our responsibility is to express a limited assurance conclusion on the Indicators included in the Report based on the procedures we have performed and the evidence we have obtained.

We conducted our limited assurance engagement in accordance with the International Standard on Assurance Engagements: Assurance Engagements Other than Audits or Reviews of Historical Financial Information - ("ISAE 3000") (Revised), and with respect to GHG emissions, the International Standard on Assurance Engagements is a Greenhouse Gas Statements ("ISAE 3410"), issued by the International Auditing and Assurance Standards Board. The procedures, which we have performed according to our professional judgment, include inquiries, document inspection, analytical procedures, reconciliation between source documents and Indicators in the Report and the following:

 Making inquiries regarding the Company's own criteria that it determined with consideration of Japanese environmental regulations, and evaluating the appropriateness thereof;

- Inspecting relevant documents with regard to the design of the Company's internal controls related to the Indicators, and inquiring of personnel responsible thereof at the headquarters and one power station;
- · Performing analytical procedures concerning the Indicators at the headquarters and one power station; and

 Testing, on a sample basis, underlying source information and conducting relevant re-calculations at the headquarters and one power station.

The procedures performed in a limited assurance engagement are more limited in nature, timing and extent than a reasonable assurance engagement. As a result, the level of assurance obtained in a limited assurance engagement is lower than would have been obtained if we had performed a reasonable assurance engagement.

4. Conclusion

Based on the procedures performed and evidence obtained, nothing has come to our attention that causes us to believe that the Indicators included in the Report have not been measured and reported in accordance with the Company's own criteria that it determined with consideration of Japanese environmental regulations.

Note: The original of the above Assurance report is kept separately by the Company.

According to the requirements of the Assurance/Registration Scheme of Sustainability Reports of the Japanese Association of Assurance Organizations for Sustainability Information, the environmental data included in this Integrated Report has been audited by Ernst & Young ShinNihon LLC for accuracy and completeness of key sustainability information, and we have obtained an Independent Third-Party Assurance Report.

Sustainability Initiatives

Data Section

In addition, data that is assured to be based on the calculation standards is denoted with a \star mark. For the standards and scope of the calculations, please refer to the "J-POWER Group Integrated Report 2023 Supplementary Material: Environment."

Environmental Impact Data for Domestic Operations

Disclosure Based on TCFD

Recom

| | Unit | FY2020 | FY2021 | FY2022 ★ |
|--|-----------------------------------|--------------|--------------|--------------|
| Amount of electricity | | | | |
| Power generation volume | billion kWh | 66.4 | 62.3 | 59.6 |
| Electricity sales volume | billion kWh | 61.5 | 57.6 | 54.8 |
| Energy consumed | | | | |
| Coal (usage consumption intensity) | million tons (t/mil- lion kWh) | 17.05 (3.34) | 15.65 (3.34) | 15.14 (3.37) |
| Natural gas | million Nm ³ | 56 | 44 | 0 |
| Heavy oil | thousand t/kl | 36 | 37 | 25 |
| Light oil | thousand tons | 29 | 28 | 24 |
| Biomass | thousand tons | 36 | 32 | 122 |
| Purchased electric power | billion kWh | 0.106 | 0.118 | 0.098 |
| Water resources | | | | |
| Industrial use water | million m ³ | 9.78 | 8.5 | 9.29 |
| Volume of water used | million m ³ | 0.29 | 0.3 | 0.27 |
| Volume of water discharged | million m ³ | 4.85 | 4.91 | 4.43 |
| Waste | | | | |
| Volume generated (volume recycled) | million tons (%) | 2.05 (99.2%) | 1.98 (97.7%) | 1.95 (96.2%) |
| Of which is coal ash (volume recycled) | million tons (%) | 1.69 (99.9%) | 1.65 (98.3%) | 1.64 (95.8%) |
| Of which is gypsum (volume recycled) | million tons (%) | 0.29 (99.8%) | 0.27 (97.3%) | 0.28 (99.9%) |
| Amount of industrial waste disposed | thousand tons | 16 | 46 | 75 |
| Of which is specially-controlled | thousand tons | 0.5 | 0.7 | 0.3 |
| General waste disposal volume (used paper) | t | 29 | 20 | 18 |
| Emissions into the atmosphere | | | | |
| NOx emissions (emission intensity) | thousand t (g/kWh) | 24.2 (0.44) | 23.0 (0.46) | 23.0 (0.48) |
| SOx emissions (emission intensity) | thousand t (g/kWh) | 10.8 (0.20) | 10.5 (0.21) | 9.3 (0.19) |
| Dust emissions (emission intensity) | thousand t (g/kWh) | 0.6 (0.01) | 0.5 (0.01) | 0.7 (0.01) |
| N ₂ O | t-CO ₂ | 170,000 | 160,000 | 93,000 |
| SF ₆ | t-CO ₂ | 600 | 8,300 | 3,200 |

*1 Coal intensity is the amount of coal consumed divided by the electricity sales volume of thermal power plants.

*2 The basic unit for NOx, SOx, and soot and dust is calculated based on the amount of electricity generated at thermal power plants, which are the source of emissions.

*3 Beginning this year, greenhouse gas emissions of N₂O and SF₆ are listed in terms of CO₂ equivalents. (Until last year, emissions of N₂O and SF₆ themselves were listed, which differs from the values listed in Integrated Reports 2021 and 2022.)



Other ESG data

Greenhouse Gas Emissions*^{1.2}

| | Unit | FY2020 | FY2021 | FY2022★ |
|---|---------------------------|--------|--------|---------|
| Scope 1 | | 53.58 | 47.95 | 48.91 |
| Domestic power generation business | | 45.38 | 41.62 | 40.64 |
| Overseas power generation business | | 5.36 | 4.90 | 7.94 |
| Other | | 2.84 | 1.42 | 0.33 |
| Scope 2 (Location criteria) | | 0.13 | 0.14 | 0.15 |
| Scope 2 (Market criteria) | | - | - | 0.15 |
| Scope 3 | | 15.27 | 13.60 | 13.17 |
| (1) Purchased goods and services | | _ | 0.31 | 0.27 |
| (2) Capital goods | | _ | 0.44 | 0.40 |
| (3) Fuel and energy-related activities not included in Scope 1 and 2 | million t-CO ₂ | _ | 3.84 | 4.43 |
| (5) Waste generated in operations | | _ | 0.08 | 0.10 |
| (6) Business travels | | _ | 0.001 | 0.001 |
| (7) Employee commuting | | _ | 0.002 | 0.002 |
| (9) Down-stream transportation and distribution | | _ | 1.02 | 0.15 |
| (11) Use of sold products | | _ | 6.21 | 6.37 |
| (15) Investments | | - | 1.69 | 1.45 |
| Total | | 68.98 | 61.68 | 62.23 |

Electricity Sales Volume per unit of CO₂ Emissions

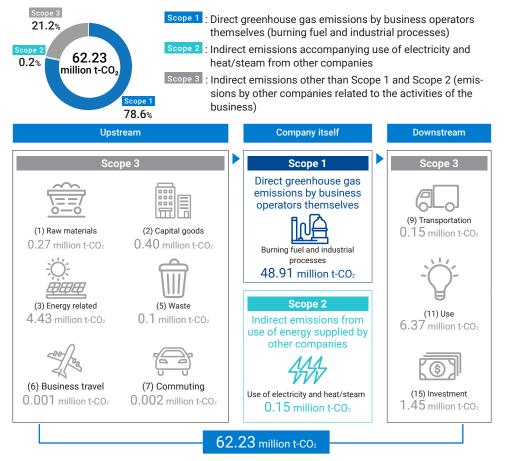
| | Unit | FY2020 | FY2021 | FY2022★ |
|---|------------|--------|--------|---------|
| Domestic and overseas power generation business | | 0.65 | 0.64 | 0.64 |
| Domestic power generation business | kg-CO₂/kWh | 0.71 | 0.70 | 0.71 |

*1 The scope of coverage includes J-POWER and its consolidated subsidiaries and equity-method affiliates in the Electric Power Business and Oversea Business.

Consolidated subsidiaries and equity-method affiliates are aggregated for the portion equivalent to J-POWER's equity stake. *2 Due to the nature of the products and services sold and the nature of the business, there is no energy consumption in the

- following categories.
- (4) Transportation and delivery (upstream)
- (8) Leased assets (upstream)
- (10) Processing of sold products
- (12) Disposal of sold products
- (13) Leased assets (downstream)
- (14) Franchise

FY2022 Greenhouse gas emission results



Calculation methods in each Scope 3 category

- Calculated by multiplying each product or service purchased by respective emission factor
- (2) Calculated by multiplying the capital investment by the emissions intensity

(3) Sum of the following two values

- 1) Emissions from production and transportation of fuel used by the company
- Calculated by multiplying the amount of electricity procured from sources other than the company by the emission intensity
- (5) Calculated by multiplying the amount of emissions by waste type by the emissions intensity of each treatment method
- (6) Calculated by multiplying the number of employees by the emissions intensity
- (7) Calculated by multiplying the number of employees and number of business days by type of work and by rank of employee, respectively, by emission intensity
- (9) Calculated by multiplying the ton-kilometers of sold coal transported by emission intensity
- (11) Calculated by multiplying the volume of coal sold by the emissions intensity
- (15) CO₂ emissions from power plants in which J-POWER's equity portion is 20%



Other ESG data

Society

| | | 11-24 | | Result | | |
|--|---|------------------------|-----------------|-----------|-----------|-----------|
| | Accounting Metric | | Unit | FY2020 | FY2021 | FY2022 |
| Human | Number of employees (consolidated)*2 | Male | Persons | 6,289 | 6,229 | 6,147 |
| resources*1 | | Female | Persons | 867 | 917 | 931 |
| | | Total | Persons | 7,156 | 7,146 | 7,078 |
| | Managers | Male | Persons | 1,312 | 1,385 | 1,398 |
| | | Female | Persons | 17 | 19 | 20 |
| | | Percentage of women | % | 1.3 | 1.4 | 1.4 |
| | Number of new graduates hired | Male | Persons | 92 | 89 | 81 |
| | | Female | Persons | 11 | 15 | 16 |
| | | Total | Persons | 103 | 104 | 97 |
| | Percentage of people with disabilities employed* ³ | | % | 2.39 | 2.45 | 2.42 |
| | Average length of continuous service, years | Male | Years | 20.4 | 20.4 | 19.7 |
| | | Female | Years | 10.1 | 9.8 | 9.6 |
| | | Total | Years | 19.8 | 19.7 | 19.0 |
| | Average annual salary*4 | Total | Yen | 7,967,061 | 7,939,362 | 8,045,816 |
| | Ratio of women's to men's wages*5.6 | 20s and younger | % | - | 96.3 | 96.1 |
| | | 30s | % | - | 95.7 | 97.9 |
| | | 40 and over | % | - | 103.6 | 105.7 |
| | Turnover rate for the three years after joining | | % | 2.5 | 4.4 | 6.4 |
| | Total actual working hours per person | | Hours | 1,943 | 1,976 | 1,951 |
| | Overtime hours worked per person | | Hours/ Month | 20.2 | 21.8 | 21.4 |
| | Days of paid vacation taken per person | | Days | 14.9 | 15.4 | 16.4 |
| | Utilization rate of childcare leave*7 | Male | % | - | - | 86 |
| | | Female | % | - | - | 100 |
| | | Total | % | - | - | 88 |
| | Average age | | Age | 42.1 | 42.0 | 41.5 |
| Human | Average training time per employee | | Hours | 24.7 | 34.2 | 33.9 |
| resources Development ^{*1} | Average training expenses per employee | | Thousand yen | 204 | 232 | 245 |

*1 Unless specified otherwise, human resource-related and human resource development-related data are for J-POWER only.

*3 Currently as of June 1 of each fiscal year

*4 Average annual salary includes non-standard wages and bonuses. Management and other employees are not included.

*5 Comparison of base salaries of employees in a career-track position. Ratio of female to male wages.

*6 (Reference) Difference in wages between male and female workers calculated based on the Act on the Promotion of Women's Active Engagement in Professional Life, all employees (57.6%), regular employees (57.9%), non-regular employees (65.7%)

*7 The Company manages the utilization rate of childcare leave for each fiscal year of the birth of an employee's child, and the percentage of employees whose children become two years old in the relevant fiscal year is shown.

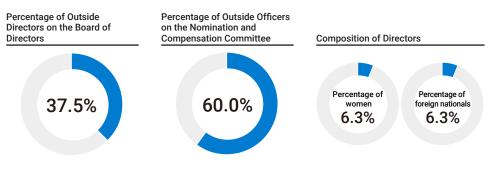
| | | du u Marauta | 11-24 | Result | | | | | | |
|--------------------------------------|--|--|---------|--------|--------|--------|--|--|--|--|
| | Accoun | ting Metric | Unit | FY2020 | FY2021 | FY2022 | | | | |
| Occupational Health and Safety | Number of occu- pational accidents*® | | | | | | | | | |
| | Fatal accidents | J-POWER, only | Persons | 0 | 0 | 0 | | | | |
| | | Major five companies* ⁹ + cooperating companies | Persons | 1 | 0 | 0 | | | | |
| | | Total | Persons | 1 | 0 | 0 | | | | |
| | Serious injuries | J-POWER, only | Persons | 0 | 0 | 0 | | | | |
| | | Major five companies*9 + cooperating companies | Persons | 7 | 11 | 8 | | | | |
| | | Total | Persons | 7 | 11 | 8 | | | | |
| | Minor injuries | J-POWER, only | Persons | 1 | 0 | 2 | | | | |
| | | Major five companies*9 + cooperating companies | Persons | 5 | 11 | 5 | | | | |
| | | Total | Persons | 6 | 11 | 7 | | | | |
| | Frequency*10 | J-POWER, only Major five companies** + cooperating companies | _ | 0.85 | 1.27 | 0.91 | | | | |
| | | Industry-wide | _ | 1.95 | 2.09 | 2.06 | | | | |
| | Severity*11 | J-POWER, only Major five companies*° + cooperating companies | _ | 0.49 | 0.06 | 0.05 | | | | |
| | | Industry-wide | - | 0.09 | 0.09 | 0.09 | | | | |

*8 The number of fatalities and lost-workday injuries among work-related accidents involving J-POWER employees and work-related accidents involving contractors (primary contractors and subcontractors) involved in construction and operations ordered by J-POWER.

*9 Major consolidated subsidiaries to which J-POWER outsources facilities maintenance. J-POWER Business Service Corporation, J-POWER HYTEC Co., Ltd., J-POWER Generation Service Co., Ltd., J-POWER Telecommunication Service Co., Ltd., J-POWER Design Co., Ltd.

*10 Frequency = number of fatalities and injuries due to industrial accidents / total number of actual hours worked × 1,000,000 *11 Severity = total number of days of labor loss/total number of actual hours worked × 1,000

Governance (As of June 28, 2023)



^{*2} J-POWER Group employees (excluding temporary employees)

Major Group Companies

Consolidated Subsidiaries (As of March 31, 2023)

| Company Name | Main Businesses | Equity Stake (%) |
|--|-----------------------|------------------|
| Electric Power Business | | |
| J-POWER Transmission Network Co., Ltd. | Transmission business | 100.0 |
| J-Wind Kaminokuni, Ltd. | Wind power business | 100.0 |
| J-Wind Co., Ltd. | Wind power business | 100.0 |
| J-Wind KUZUMAKI Co., Ltd. | Wind power business | 100.0 |
| J-Wind SETANA Co., Ltd. | Wind power business | 100.0 |
| Nagasaki-Shikamachi Wind Power Co., Ltd. | Wind power business | 70.0 |
| Ishikari Green Energy Co., Ltd | Wind power business | 70.0 (70.0) |
| Esashi Green Energy Co., Ltd | Wind power business | 70.0 (70.0) |

Introduction

The Value We Provide

Strategy and Business

Disclosure Based on TCFD

Recommendations

| J-POWER AUSTRALIA PTY. LTD. | Investment in coal mines in Australia | 100.0 |
|---|--|--------------|
| J-POWER Generation Service Co., Ltd. | Operation of thermal power plants; sale of fly ash; ocean transportation of coal for thermal power plants; research, planning, and analysis of environ- mental conservation | 100.0 |
| J-POWER HYTEC Co., Ltd. | Construction, technical development, design, consult- ing, maintenance, and research for hydroelectric power plants, substations, and transmission lines; surveying of and compensation for construction sites; civil engineering, construction management, and construction services | 100.0 |
| J-POWER Business Service Corporation | Operation of welfare facilities; facility maintenance; business process outsourcing; development of com- puter software; import and sale of fuel for power generation | 100.0 |
| J-POWER EnTech Inc. | Engineering services for atmospheric and water pol- lutant removal equipment | 100.0 |
| J-POWER Telecommunication Service Co., Ltd. | Construction and maintenance of electronic and communications facilities, telecommunications, etc. | 100.0 |
| J-POWER Design Co., Ltd. | Design, management, and research for electric power facilities and other facilities and construction consulting | 100.0 |
| Miyazaki Wood Pellet Co., Ltd. | Operation of manufacturing facilities of wood pellets and procurement of forest offcut | 98.3 |
| JM Activated Coke, Inc. | Manufacturing, sales, and marketing of activated coke | 90.0 |
| J-Wind Service Co., Ltd. | Maintenance and operation of wind power plants | 100.0 (100.0 |
| EPDC CoalTech and Marine Co., Ltd. | Ocean transportation of ash and fly ash | 100.0 (100.0 |
| J-Wind Service Co., Ltd. EPDC CoalTech and Marine Co., Ltd. and 6 other companies | | |

Notes: 1. The percentages in parentheses represent indirect holding ratios and are included in the percentages above.

 J-POWER AUSTRALIA PTY. LTD., JP Renewable Europe Co., Ltd., J-POWER Holdings (Thailand) Co., Ltd., J-POWER Jackson Capital, LLC, J-POWER Jackson Partners, LLC, Jackson Generation, LLC, Gulf JP Co., Ltd., Gulf JP UT Co., Ltd. and Gulf JP NS Co., Ltd. are specified subsidiaries.

3. Jackson Generation, LLC's ownership of voting rights decreased to 51% due to the partial transfer of its interest on February 27, 2023.

| Company Name | Main Businesses | Equity Stake (%) |
|--|--|------------------|
| Overseas Business | | |
| JP Renewable Europe Co., Ltd. | Management of investments | 100.0 |
| J-Power Investment Netherlands B.V. | Management of investments | 100.0 |
| J-POWER Consulting (China) Co., Ltd. | Management of investments, research and development of projects | 100.0 |
| JP Generation Australia Pty. Ltd. | Management of investments, research and development of projects | 100.0 |
| J-POWER North America Holdings Co., Ltd. | Management of investments | 100.0 |
| J-POWER Holdings (Thailand) Co., Ltd. | Management of investments | 100.0 (100.0) |
| J-POWER Generation (Thailand) Co., Ltd. | Management of investments, research and development of projects | 100.0 (100.0) |
| JPGA Partners Pty. Ltd. | Management of investments | 100.0 (100.0) |
| J-POWER USA Investment Co., Ltd. | Management of investments | 100.0 (100.0) |
| J-POWER USA Development Co., Ltd. | Management of investments, research and development of projects | 100.0 (100.0) |
| J-POWER Renewables Capital, LLC | Development business | 100.0 (100.0) |
| J-POWER Jackson Capital, LLC | Management of investments | 100.0 (100.0) |
| J-POWER Jackson Partners, LLC | Management of investments | 100.0 (100.0) |
| Jackson Generation, LLC | Thermal power business | 100.0 (100.0) |
| J-POWER Alaska Development, LLC | Development business | 100.0 (100.0) |
| Gulf JP Co., Ltd. | Management of investments | 60.0 (60.0) |
| Gulf JP UT Co., Ltd. | Thermal power business | 60.0 (60.0) |
| Gulf JP NS Co., Ltd. | Thermal power business | 60.0 (60.0) |
| Gulf JP NNK Co., Ltd. | Thermal power business | 60.0 (60.0) |
| Gulf JP CRN Co., Ltd. | Thermal power business | 60.0 (60.0) |
| Gulf JP NK2 Co., Ltd. | Thermal power business | 60.0 (60.0) |
| Gulf JP TLC Co., Ltd. | Thermal power business | 60.0 (60.0) |
| Gulf JP KP1 Co., Ltd. | Thermal power business | 60.0 (60.0) |
| Gulf JP KP2 Co., Ltd. | Thermal power business | 60.0 (60.0) |
| Gulf JP1 Co., Ltd. | Solar power business | 60.0 (60.0) |
| Gulf JP NLL Co., Ltd. | Thermal power business | 45.0 (45.0) |
| and 15 other companies | | |

Sustainability Initiatives

Data Section

Other Businesses Kaihatsu Hiryou Co., Ltd. Production and sales of fertilizer using ash 100.0 100.0 Operation and maintenance of a waste-fueled power Omuta Plant Service Co., Ltd. generation plant Participating in Australian Brown Coal Hydrogen Pilot 100.0 J-POWER Latrobe Valley Pty. Ltd. Test Project Construction and operation of a sewage sludge-60.0 Biocoal Osaka-Hirano Co., Ltd. based fuel manufacturing facility Operation of an ordinary waste-based fuel 60.0 Green Coal Saikai Co., Ltd. manufacturing facility and 1 other company

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Conte

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Major Group Companies

Affiliates Accounted for by the Equity Method (As of March 31, 2023)

| Company Name | Main Businesses | Equity Stake (%) |
|--|--|------------------|
| Electric Power Business | | |
| Kashima Power Co., Ltd. | Thermal power business | 50.0 |
| Yuzawa Geothermal Power Generation Corporation | Geothermal power business | 50.0 |
| Osaki CoolGen Corporation | Large-scale demonstration trials of oxygen-blown IGCC and CO ₂ separa- tion and capture | 50.0 |
| Suzuyo Power Co., Ltd. | Electricity sale | 49.9 |
| TOSA POWER Inc. | Thermal power business | 45.0 |
| ENERES Co., Ltd. | Energy-related consulting business, power generation business, etc. | 41.0 |
| Hibiki Wind Energy Co., Ltd. | Offshore wind power generation surveying | 40.0 |
| Appi Geothermal Energy Corporation | Geothermal power business | 15.0 |
| and 3 other companies | | |

| Company Name | Main Businesses | Equity Stake (%) |
|---|------------------------------|------------------|
| Overseas Business | | |
| JM Energy Co., Ltd. | Management of investments | 50.0 |
| PT. BHIMASENA POWER INDONESIA | Thermal power business | 34.0 |
| Shaanxi Hanjiang Investment & Development Co., Ltd. | Hydroelectric power business | 27.0 |
| CBK Netherlands Holdings B.V. | Management of investments | 50.0 (50.0) |
| J-POWER USA Generation, L.P. | Management of investments | 50.0 (50.0) |
| Birchwood Power Partners, L.P. | Thermal power business | 50.0 (50.0) |
| Birchwood Renewables, LLC | Development business | 50.0 (50.0) |
| Gulf Electric Public Co., Ltd. | Management of investments | 49.0 (49.0) |
| Gulf Power Generation Co., Ltd. | Thermal power business | 49.0 (49.0) |
| Nong Khae Cogeneration Co., Ltd. | Thermal power business | 49.0 (49.0) |
| Samutprakarn Cogeneration Co., Ltd. | Thermal power business | 49.0 (49.0) |
| Gulf Cogeneration Co., Ltd. | Thermal power business | 49.0 (49.0) |
| Gulf Yala Green Co., Ltd. | Thermal power business | 49.0 (49.0) |
| EGCO Green Energy Co., Ltd. | Management of investments | 26.0 (26.0) |
| Triton Knoll Offshore Wind Farm Ltd. | Wind power business | 25.0 (25.0) |
| Tenaska Pennsylvania Partners, LLC | Thermal power business | 25.0 (25.0) |
| EGCO Cogeneration Co., Ltd. | Thermal power business | 20.0 (20.0) |
| CBK Power Co., Ltd. | Hydroelectric power business | - [100.0] |
| Green Country Energy, LLC | Thermal power business | - [100.0] |
| Pinelawn Power LLC | Thermal power business | - [100.0] |
| Equus Power I, L.P. | Thermal power business | - [100.0] |
| Edgewood Energy, LLC | Thermal power business | - [100.0] |
| Shoreham Energy, LLC | Thermal power business | - [100.0] |
| Orange Grove Energy, L.P. | Thermal power business | - [100.0] |
| Elwood Energy, LLC | Thermal power business | - [100.0] |
| Roi-Et Green Co., Ltd. | Thermal power business | - [95.0] |
| China Resources Power (Hezhou) Co., Ltd. | Thermal power business | - [34.0] |
| Tenaska Virginia Partners, L.P. | Thermal power business | - [30.0] |
| Tenaska Frontier Partners, Ltd. | Thermal power business | - [25.0] |
| and 50 other companies | | |

and 50 other companies

Note: The percentages in parentheses represent indirect holding ratios and are included in the percentages above. Those shown in brackets are the ratios held by closely related parties or parties in agreement and excluded from the percentages above.

J-POWER Group Facilities

Power Generation Facilities in Operation* (As of March 31, 2023) *Power generation facilities of the Electric Power Business segment and Overseas Business segment.

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| Domestic, Overseas Total | | tal Generation Capacity 46,360 MW | | Owned Capacity 26,037 MW | | | Туре | Power Plants | Location (Prefecture) | River System | Start of Operation (Year) | Authorized Output (MW) |
|--------------------------|-----------------------|--------------------------------------|------------------------|-----------------------------|---------------------|------------------|-----------------|-----------------------------------|--------------------------|----------------------------|---------------------------------|------------------------------|
| Domestic T | otal | Generation Cap | acity | Owned Cap | acity | | | Numappara (Pumped storage plant) | Tochigi | Nakagawa | 1973 | 675 |
| (93 bases) | otai | 18.491 MW | acity | 17.970 MW | | | | Hayakido | Nagano | Tenryugawa | 1985 | 11 |
| (55 bases) | | 10,4911000 | | 17,570 10100 | | | | Misakubo | Shizuoka | Tenryugawa | 1969 | 50 |
| | | | | | | | | Shintoyone (Pumped storage plant) | Aichi | Tenryugawa | 1972 | 1,125 |
| | | | Location | | Start of | Authorized | | Sakuma | Shizuoka | Tenryugawa | 1956 | 350 |
| Туре | Pow | er Plants | (Prefecture) | River System | Operation (Year) | Output (MW) | | Sakuma No. 2 | Shizuoka | Tenryugawa | 1982 | 32 |
| Hydroelectric | Horoka | | Hokkaido | Tokachigawa | 1965 | 10 | | Akiha No. 1 | Shizuoka | Tenryugawa | 1958 | 47 |
| injuiocicourio | Nukabira | | Hokkaido | Tokachigawa | 1956 | 44 | | Akiha No. 2 | Shizuoka | Tenryugawa | 1958 | 35 |
| | Meto No. 1 | | Hokkaido | Tokachigawa | 1958 | 27 | | Akiha No. 3 | Shizuoka | Tenryugawa | 1991 | 47 |
| | Meto No. 2 | | Hokkaido | Tokachigawa | 1958 | 28 | | Funagira | Shizuoka | Tenryugawa | 1977 | 32 |
| | Ashoro | | Hokkaido | Tokachigawa | 1955 | 40 | | Miboro | Gifu | Shougawa | 1961 | 215 |
| | Honbetsu | | | | | | | Miboro No. 2 | Gifu | Shougawa | 1963 | 59 |
| | | | Hokkaido | Tokachigawa | 1962 | 25 | | Ogamigo | Gifu | Shougawa | 1971 | 20 |
| | Kumaushi | | Hokkaido | Tokachigawa | 1987 | 15 | | Nagano | Fukui | Kuzuryugawa | 1968 | 220 |
| | Satsunaigawa | | Hokkaido | Tokachigawa | 1997 | 8 | | Yugami | Fukui | Kuzuryugawa | 1968 | 54 |
| - | Kuttari | | Hokkaido | Tokachigawa | 2015 | 0.5 | | Konokidani | Fukui | Kuzuryugawa | 2016 1979 | 0.2 |
| | Shinkatsurazawa | | Hokkaido | Ishikarigawa | 2022 | 16 | | Tedorigawa No. 1 | Ishikawa | Tedorigawa | | 250 |
| | Kumaoi | | Hokkaido | Ishikarigawa | 1957 | 5 | | Nishiyoshino No. 1 | Nara | Shingugawa | 1956 | 33 |
| | Towa | | Iwate | Kitagamigawa | 1954 | 27 | | Nishiyoshino No. 2 | Nara | Kinokawa | 1955 | 13 |
| | Isawa No. 1 | | lwate | Kitagamigawa | 2014 | 14 | | Totsugawa No. 1 | Nara | Shingugawa | 1960 | 75 |
| | Shimogo (Pumpe | d storage plant) | Fukushima | Aganogawa | 1988 | 1,000 | | Totsugawa No. 2 | Wakayama | Shingugawa | 1962 | 58 |
| | Otsumata Okutadami | | Fukushima Fukushima | Aganogawa Aganogawa | 1968 1960 | <u>38</u> 560 | | Owase No. 1 | Mie | Shingugawa/ Choushigawa | 1962 | 40 |
| | Okutadami (Ecolo | gical Flow) | Fukushima | Aganogawa | 2003 | 3 | | Owase No. 2 | Mie | Choushigawa | 1961 | 25 |
| | Otori | <u> </u> | Fukushima | Aganogawa | 1963 | 182 | | Ikehara | Nara | Shingugawa | 1964 | 350 |
| | Tagokura | | Fukushima | Aganogawa | 1959 | 400 | | Nanairo | Wakayama | 5 5 | 1965 | 82 |
| | Tadami | | Fukushima | Aganogawa | 1989 | 65 | | Komori | Mie | Shingugawa | 1965 | 30 |
| | Taki | | Fukushima | Aganogawa | 1961 | 92 | | Yanase | Kochi | Naharigawa | 1965 | 36 |
| | Kurotani | | Fukushima | Aganogawa | 1994 | 20 | | Futamata | Kochi | Naharigawa | 1963 | 72 |
| | Kuromatagawa N | o 1 | Niigata | Shinanogawa | 1958 | 62 | | | | 5 | | |
| | Kuromatagawa N | | Niigata | Shinanogawa | 1964 | 17 | | Nagayama | Kochi | Naharigawa | 1960 | 37 |
| | Suezawa | 0.2 | Niigata | Shinanogawa | 1958 | 2 | | Sameura | Kochi | Yoshinogawa | 1972 | 42 |
| | Aburumagawa | | Niigata | Shinanogawa | 1935 | 5 | | Setoishi | Kumamoto | Kumagawa | 1958 | 20 |
| | Okukiyotsu (Pump | ed storage plant) | Niigata | Shinanogawa | 1985 | 1,000 | | Sendaigawa No. 1 | Kagoshima | Sendaigawa | 1965 | 120 |
| | | 51 / | • | | 1978 | 600 | | Sendaigawa No. 2 | Kagoshima | Sendaigawa | 1964 | 15 |
| | OKUKIYULSU INO. 2 (| Pumped storage plant) | Niigata | Shinanogawa | 1990 | 000 | Total (Domestic | Hydroelectric, 61 plants) | | | | 8,577 |

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\mathbf{O} . Introduction The Value We Provide Strategy and Business Disclosure Based on TCFD Sustainability Initiatives Data Section Recommendations

J-POWER Group Facilities

Power Generation Facilities in Operation (As of March 31, 2023)

| Туре | Power Plants | Location (Prefecture) | Start of Operation (Year) | Output Capacity (MW) | Ownership (%) | Owned Capacity (MW) | Туре | Power Plants | Location (Prefecture) | | Start of Operation (Year) | Output Capacity (MW) | Ownership (%) | Owned Capacity (MW) |
|----------------|-------------------------------|--------------------------|---------------------------------|----------------------------|------------------|---------------------------|--------------------|--------------------------|--------------------------|-----------|---------------------------------|----------------------------|------------------|---------------------------|
| Wind Power | Setana Seaside | Hokkaido | 2005 | 12 | 100 | 12 | Coal-fired | Isogo | Kanagawa | New No. 1 | 2002 | 600 | 100 | 600 |
| | Setana-Osato Wind Farm | Hokkaido | 2020 | 50 | 100 | 50 | | | Kanagawa | New No. 2 | 2009 | 600 | 100 | 600 |
| | Kaminokuni Wind Farm | Hokkaido | 2014 | 28 | 100 | 28 | | Talaaaaa | Liber and | No. 1 | 1968 | 250 | 100 | 250 |
| | Esashi | Hokkaido | 2023 | 21 | 70 | 15 | | Takasago | Нуодо | No. 2 | 1969 | 250 | 100 | 250 |
| | New Shimamaki Wind Farm | Hokkaido | 2023 | 4 | 100 | 4 | | Takabara | Llizashimas | New No. 1 | 2020 | 600 | 100 | 600 |
| | Ohma Wind Farm | Aomori | 2016 | 20 | 100 | 20 | | Takehara | Hiroshima | No. 3 | 1983 | 700 | 100 | 700 |
| | Green Power Kuzumaki | lwate | 2003 | 21 | 100 | 21 | | Tachibanawan | Taluahimaa | No. 1 | 2000 | 1,050 | 100 | 1,050 |
| | Kuzumaki No. 2 | lwate | 2020 | 45 | 100 | 45 | | Tachibanawan | Tokushima | No. 2 | 2000 | 1,050 | 100 | 1,050 |
| | Nikaho No. 2 | Akita | 2020 | 41 | 100 | 41 | | | 1.1 NI 1.1 | No. 1 | 1981 | 500 | 100 | 500 |
| | Yurihonjo Bayside | Akita | 2017 | 16 | 100 | 16 | | Matsushima | Nagasaki | No. 2 | 1981 | 500 | 100 | 500 |
| | Koriyama-Nunobiki Kogen | Fukushima | 2007 | 66 | 100 | 66 | | Matsuura Nagas | Negoogli | No. 1 | 1990 | 1,000 | 100 | 1,000 |
| | Hiyama Kogen | Fukushima | 2011 | 28 | 100 | 28 | | | Nagasaki | No. 2 | 1997 | 1,000 | 100 | 1,000 |
| | Tokyo Bayside | Tokyo | 2003 | 2 | 100 | 2 | | | Okinawa | No. 1 | 1986 | 156 | 100 | 156 |
| | Irozaki | Shizuoka | 2010 | 34 | 100 | 34 | | Ishikawa Coal | Okinawa | No. 2 | 1987 | 156 | 100 | 156 |
| | Tahara Bayside | Aichi | 2005 | 22 | 100 | 22 | | Thermal (J-POWER |): 7 power plants | | | 8,412 | | 8,412 |
| | Tahara | Aichi | 2004 | 2 | 100 | 2 | Coal-fired | Tosa | Kochi | | | 167 | 45 | 75 |
| | Awara-Kitagata | Fukui | 2011 | 20 | 100 | 20 | | Kashima | Ibaraki | | | 645 | 50 | 323 |
| | Yokihinosato Wind Park | Yamaguchi | 2003 | 5 | 100 | 5 | Demonstration | Osaki CoolGen | Hiroshima | | | 166 | 50 | 83 |
| | Minami Ehime | Ehime | 2015 | 29 | 100 | 29 | tests facility | The sum of (Orthe Sidios | :). 0 | | | 978 | | 401 |
| | Nagasaki-Shikamachi Wind Farm | Nagasaki | 2005 | 15 | 70 | 11 | T + 1/D + + | | ies): 3 power plants | | | | | 481 |
| | Aso-Oguni Wind Farm | Kumamoto | 2007 | 9 | 100 | 9 | Iotal (Domestic | c Thermal): 9 power pl | ants, 1 test facility | | | 9,390 | | 8,893 |
| Total (Domesti | c Wind Power, 21 farms) | | | 488 | | 477 | | | | | | | | |
| Geothermal | Wasabizawa | Akita | 2019 | 46 | 50 | 23 | | | | | | | | |
| Total (Domesti | c Geothermal, 1 plant) | | | 46 | | 23 | | | | | | | | |

J-POWER Group Facilities

Power Generation Facilities in Operation (As of March 31, 2023)

| Overseas (37 projec | | Output Capa 27,869 MW | city | | | ned Capacity 7 MW | | Countries | Туре | Projects | Output Capacity (MW) | Ownership (%) | Owned Capacity (MW) | Power Purchasers | Validity of Purchase Agreemen |
|------------------------|---------------------------------|-----------------------------|--------------------|-----------|-------------------|---------------------------------------|-------------------------|-----------------------|-----------------------------------|----------------------------|----------------------------|------------------|---------------------------|--------------------------------------|-------------------------------------|
| | | | | | | | | The United States | Gas-fired (CCGT) | Tenaska Frontier | 830 | 31 | 257 | ERCOT market and MISO market | _ |
| Countries | Туре | Projects | Output Capacity | Ownership | Owned Capacity | Power Purchasers | Validity of Purchase | | Gas-fired (SCGT)* | ² Elwood Energy | 1,350 | 50 | 675 | PJM market | _ |
| countries | туре | Projects | (MW) | (%) | (MW) | Fower Furchasers | Agreement | | Gas-fired (CCGT) | Green Country | 795 | 50 | 398 | SPP market | - |
| ailand | Gas-fired (CCGT) | 7 SPP*1 | 790 | _ | | EGAT/Companies in the industrial park | Valid to 2038 | | Gas-fired (CCGT) | Pinelawn | 80 | 50 | 40 | Long Island Power Authority | Valid to 2025 |
| | | KP1 | 110 | 60 | 66 | | | | Gas-fired (CCGT) | Jackson | 1,200 | 51 | 612 | PJM market | _ |
| | | KP2 | 110 | 60 | 66 | | | | Gas-fired (SCGT) | Equus | 48 | 50 | 24 | NYISO market | _ |
| | | TLC NNK | 110 110 | 60 60 | 66 66 | | | | Gas-fired (CCGT) | Fluvanna | 885 | 15 | 133 | Shell Energy North America | Valid to 2024 |
| | | NLL | 120 | 45 | 54 | | | | Gas-fired (SCGT) | Edgewood | 88 | 50 | 44 | Long Island Power Authority | Valid to 2023 |
| | | CRN NK2 | 110 120 | 60 60 | 66 72 | | | | Jet Fuel (Simple Cycle) | Shoreham | 90 | 50 | 45 | Long Island Power Authority | Valid to 2023 |
| | Gas-fired (CCGT) | Nong Seang | 1,600 | 60 | 960 I | EGAT | Valid to 2039 | | Gas-fired (SCGT) | Orange Grove | 96 | 50 | | San Diego Gas & Electric | Valid to 2035 |
| | Gas-fired (CCGT) | U-Thai | 1,600 | 60 | 960 I | EGAT | Valid to | | Gas-fired (CCGT) | Westmoreland | 940 | 25 | | PJM market | _ |
| | | 0-Tildi | 1,000 | 00 | 900 1 | LOAT | 2040 | The United | States (Total, 11 p | rojects) | 6,402 | | 2,511 | | |
| | Solar | Rooftop solar | 1 | 60 | | Company in the ndustrial park | _ | China | Hydroelectric | Hanjiang (Xihe, Shuhe) | 450 | 27 | 122 | Shaanxi Electric Power Company | Renewed every year |
| | | Total (Consolidated) | 3,991 | | 2,376 | | | | Coal-fired, Wind Power, Solar, | Gemeng*3 | 9,617 | 7 | 673 | Shanxi Province Power Corporation | _ |
| | Biomass (Chaff) | Roi-Et | 9 | 25 | 2 1 | EGAT | Valid to 2024 | | Pumped Storage | | | | | | Demonstra |
| | Gas-fired (CCGT) | EGCO Cogeneration | 112 | 20 | | EGAT/Companies in the industrial park | Valid to 2024 | | Coal-fired | Hezhou | 2,090 | 17 | 355 | Guanxi Power Grid Co. | Renewed every year |
| | Biomass (Rubber- Wood Waste) | Yala | 20 | 49 | 10 1 | • | Valid to 2031 | China (Tota | II, 4 projects) Hydroelectric | CBK (3 projects) | 12,157 728 | 50 | 1,150 364 | National Power Corporation | Valid to 2026 |
| | Gas-fired (CCGT) | Kaeng Khoi 2 | 1,468 | 49 | 719 I | EGAT | Valid to 2033 | Philippines | Hydroelectric | Lake Mainit | 25 | 40 | 10 | ANECO | Valid to 2048 |
| | | Total (Non-Consolidated) | 1,610 | | 754 | | | The United Kingdom | Offshore wind | Triton Knoll | 857 | 25 | 214 | Orsted | Valid to 2037 |
| ailand (T | otal, 14 projects) | | 5,600 | | 3,130 | | | Indonesia | Coal-fired | Batang | 2,000 | 34 | 680 | PLN | Valid to 2047 |

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*1 The 7 SPPs project, which commenced operation in 2013.

Australia

Solar

Solar

Other countries/regions (8 projects)

*2 SCGT (simple cycle gas turbine): A generating system using only a gas turbine.

Kidston Stage1

Jemalong Solar

*3 Gemeng International Energy Co., Ltd., is an electric power company that owns 16 power generation companies.

*4 Although power purchase agreements are renewed every year, J-POWER concludes memoranda of understanding regarding power grid connection and management with province-level transmission and distribution companies to, in principle, continuously purchase power for the duration of a given facility's operation.

50

50

3,710

7.7

7.7

1,276

4 NEM market

4 NEM market

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J-POWER Group Facilities

Coal Mine Projects (As of December 31, 2022)

| Coal Mine | Location | Outport | 2022 Sales Volume (million tons) | Vested Interest (%) | Coal Production Start |
|--------------|----------------------------|----------------|--|---------------------------|-----------------------------|
| Clermont | Queensland, Australia | Dalrymple Bay | 9.03 | 22.2 | 2010 |
| Narrabri | New South Wales, Australia | Newcastle Port | 5.88 | 7.5 | 2012 |
| Maules Creek | New South Wales, Australia | Newcastle Port | 9.11 | 10 | 2014 |

Major Transmission and Transformation Facilities* (As of March 31, 2023)

*Transmission and transformation facilities are held by J-POWER Transmission Network Co., Ltd., a wholly owned subsidiary of J-POWER.

Transmission Facilities

| Major Transmission Lines | Beginning of Operation (Year) | Location (Prefecture) | Distance (km) | Voltage (kV) |
|---|-------------------------------------|-------------------------------------|------------------|--------------|
| Tokachi Trunk Line | 1956 | Hokkaido | 214.4 | 187 |
| Hokkaido-Honshu HVDC Interconnection Line | 1979 | Hokkaido – Aomori | 167.4 | DC±250 |
| Tadami Trunk Line | 1959 | Fukushima – Tokyo metropolitan area | 216.3 | 275-500 |
| Sakuma East Trunk Line | 1956 | Shizuoka - Tokyo metropolitan area | 197.2 | 275 |
| Sakuma West Trunk Line | 1956 | Shizuoka – Aichi | 107.7 | 275 |
| Miboro Trunk Line | 1960 | Gifu – Aichi | 108.6 | 275 |
| Honshu-Shikoku Interconnection Line | 1994 | Kagawa – Okayama | 127.0 | 500 |
| Kii Channel HVDC Interconnection Line | 2000 | Tokushima – Wakayama | 99.8 | DC±250 |
| Nahari Trunk Line | 1960 | Kochi – Ehime | 120.0 | 187 |
| Kanmon Interconnection Line | 1980 | Fukuoka – Yamaguchi | 64.2 | 500 |

West Area

Kanmon

Interconnection Line

Substations

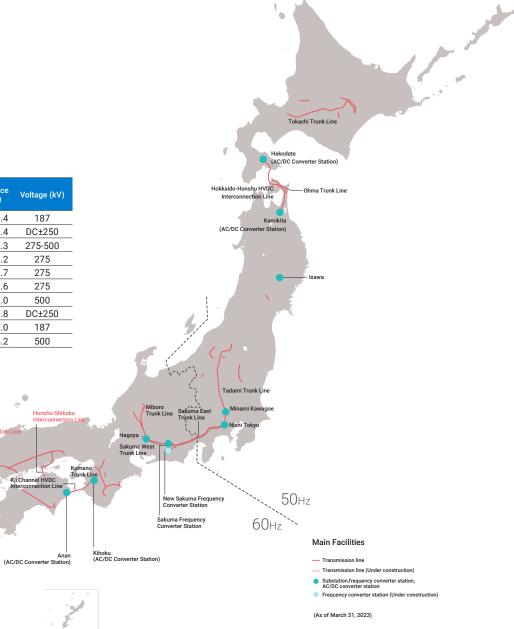
| Substations | Beginning of Operation (Year) | Location (Prefecture) | Output (kVA) |
|----------------|-------------------------------------|-----------------------|--------------|
| Isawa | 2012 | Oshu City, Iwate | 9,000 |
| Minami Kawagoe | 1959 | Kawagoe City, Saitama | 1,542,000 |
| Nishi Tokyo | 1956 | Machida City, Tokyo | 1,350,000 |
| Nagoya | 1956 | Kasugai City, Aichi | 1,400,000 |

Frequency Converter Station

| Frequency Converter Station | Beginning of Operation (Year) | Location (Prefecture) | Output (MW) |
|-----------------------------|-------------------------------------|----------------------------------|-------------|
| Sakuma | 1965 | Tenryu, Hamamatsu City, Shizuoka | 30 |

AC/DC Converter Stations

| AC/DC Converter Stations | Beginning of Operation (Year) | Location (Prefecture) | Output (MW) |
|--------------------------|-------------------------------------|-------------------------------|-------------|
| Hakodate | 1979 | Nanae Town, Kameda, Hokkaido | 60 |
| Kamikita | 1979 | Tohoku Town, Kamikita, Aomori | 60 |
| Kihoku | 2000 | Katsuragi Town, Ito, Wakayama | 140 |
| Anan | 2000 | Anan City, Tokushima | 140 |



Introduction The Value We Provide Strategy and Business Disclosure Based on TCFD Sustainability Initiatives Data Section Conten Recommendations

J-POWER Group Facilities

Major Projects Under Construction or Development

Domestic (As of March 31, 2023)

| Туре | Projects | Location (Prefecture) | Status | Output Capacity (MW) | Ownership (%) | Owned Capacity (MW) | Start of Operation |
|---------------|-------------------------------------|--------------------------|-------------------------------|----------------------------|------------------|---------------------------|-----------------------|
| Nuclear | Ohma | Aomori | Under construction | 1,383 | 100 | 1,383 | To be determined |
| Hydroelectric | Suezawa (Repowering) | Niigata | Under construction | 1 ▶ 2 | 100 | 1 Þ 2 | FY2024 |
| | Ogamigou (Repowering) | Gifu | Preparing for repowering | 20 Þ 21 | 100 | 20 Þ 21 | FY2024 |
| | Nagayama (Repowering) | Kochi | Preparing for repowering | 37 ▶ 40 | 100 | 37 ► 40 | FY2025 |
| | Onabara | Ishikawa | Preparing for construction | 1 | 100 | 1 | FY2026 |
| Wind Onshore | Kaminokuni No. 2*1 | Hokkaido | Under construction | 42 | 100 | 42 | FY2023 |
| | Minami Ehime No. 2 | Ehime | Under construction | 34 | 100 | 34 | FY2025 |
| | Ishikari Hachinosawa | Hokkaido | Under construction | 21 | 70 | 15 | FY2023 |
| | New Tomamae (Replacement) | Hokkaido | Under construction | 31 | 100 | 31 | FY2023 |
| | New Saraki Tomanai (Replacement) | Hokkaido | Under construction | 15 | 100 | 15 | FY2023 |
| | New Nikaho (Replacement) | Akita | Under construction | 25 | 100 | 25 | FY2023 |
| | Wajima | Ishikawa | Preparing for construction | 90 | 100 | 90 | FY2027 |
| Offshore | Kitakyushu Hibikinada Offshore | Fukuoka | Under construction | Max 220 | 40 | 88 | FY2025 |
| Geothermal | Аррі | Iwate | Under construction | 15 | 15 | 2 | FY2024 |
| | Onikobe | Miyagi | Under construction*2 | 15 | 100 | 15 | FY2023 |
| Solar | Kitakyushu Hibikinada | Fukuoka | Preparing for construction | 30 | 100 | 30 | FY2024 |
| | Himeji Oshio | Hyogo | Preparing for construction | 2 | 100 | 2 | FY2024 |

Under Environmental Impact Assessment

| | Туре | Projects | Location (Prefecture) | Output Capacity (MW) |
|------|---------|----------------------------------|-----------------------|----------------------|
| Wind | Onshore | Setana-Futoro | Hokkaido | |
| | | Naka-Noto | Ishikawa | |
| | | Fukui Ono Ikeda | Fukui | |
| | | New Tahara Bayside (Replacement) | Aichi | *3 |
| | | Watarai | Mie | ~~~~ |
| | | Kichu | Wakayama | |
| | | Hiroshima-Nishi | Hiroshima | |
| | | Reihoku Kunimiyama | Kochi | |

| | Туре | Projects | Location (Prefecture) | Output Capacity (MW) |
|------|---------|-----------------------------|-----------------------|----------------------|
| Wind | Onshore | Seiyo Yusuhara | Ehime/Kochi | |
| | | Youra | Oita | |
| | | Aso-Nishihara (Replacement) | Kumamoto | *3 |
| | | Minami Osumi (Replacement) | Kagoshima | |
| | | Hisatsu | Kumamoto/Kagoshima | |
| | | Kita-Kagoshima | Kagoshima | |

*1 Data for phase 1 construction of Kaminokuni No. 2. Planned maximum capacity of 120 MW.

*2 Onikobe began operations in April 2023.

*3 The maximum output is approximately 800 MW in total at the planned sites undergoing environmental impact assessment procedures.

Overseas (As of March 31, 2023)

| Туре | Projects | Location | Status | Output Capacity (MW) | Ownership (%) | Owned Capacity (MW) | Start of Operation |
|-------------------|----------------------|---------------|-----------------------|----------------------------|------------------|---------------------------|-----------------------|
| Hydroelectric | Bulanog Batang | Philippines | Under development | 34 | 40 | 13 | 2029 |
| Pumped storage | K2-Hydro | Australia | Under construction | 250 | 7.7 | 19 | 2024 |
| Solar | Refugio | United States | Under development | 400 | 25 | 100 | After 2023 |
| | Rooftop solar (7) | Thailand | Under construction | total 10 | 60 | 6 | After 2023 |
| Storage | Bouldercombe | Australia | Under construction | 50 | 7.7 | 39 | 2023 |
| Onshore wind | Kidston Stage-3 Wind | Australia | Under development | 258 | 53.9*4 | 139 | 2026 |
| Thermal | EGCO Cogeneration | Thailand | Under construction | 74 | 20 | 15 | 2024 |

*4 The total of J-POWER Group 50% equity and 7.7% investment in Genex.

Major Transmission/Transformation Development Plans*5

| Project | Status | Capacity | Start of Operation |
|--|-----------------------|--|---|
| Construction of the New Sakuma Frequency Converter Station and replacement and expansion of related transmission lines | Under construction | New Sakuma Frequency Converter Station: 300 MW Sakuma East Trunk Line: Approx. 141 km | Expansion scheduled or completion at the end of FY2027 |

*5 The power transmission and transformation business is handled by J-POWER Transmission Network Co., Ltd., a wholly owned subsidiary of J-POWER.

Attestation of Validity

On the issuance of the J-POWER Group Integrated Report 2023

The Value We Provide



Representative Director President and Chief Executive Officer Hitoshi Kanno

To deepen understanding of our initiatives aimed at the creation of medium- to long-term value, J-POWER began issuing an Integrated Report in 2019 while engaging in dialogue with stakeholders.

Strategy and Business

Sustainability Initiative

This year's Integrated Report marks our fifth since beginning publication. In it, we reiterate our mission to promote sustainability throughout society by balancing stable energy supply with the response to climate change. This year's report also introduces our competitiveness and business model, which balances growth with our transition to carbon neutrality. One change from last year is the update of information on the progress of efforts to achieve materiality related key performance initiatives (KPIs) and the progress of efforts based on the J-POWER "BLUE MISSION 2050." We are further improving the content of our disclosures with regard to climate change scenario analysis in accordance with TCFD recommendations through internal discussions based on opinions received through dialogue with our stakeholders.

In addition, the report also introduces initiatives that support the Group's business foundation and drive its growth, such as its strategies for human capital and DX as well as the status of efforts to strengthen corporate governance. This report was created in partnership with related departments and the Corporate Planning & Administration Department, which primarily handles its editing. As the person in charge of ESG oversight, I attest that the process for creating the report is appropriate and that the content is accurate.

I hope that stakeholders find this report helpful in gaining a deeper understanding of the Group. We will continue to work to further expand the content of the report and make it useful for dialogue with stakeholders.

Corporate Profile/Stock Information (As of March 31, 2023)

| Corporate Name |
|--------------------------------|
| Communication Name |
| Date of Establishment |
| Headquarters |
| |
| Paid-in Capital |
| Number of Shares Authorized |
| Number of Shares Issued |
| Number of Shareholders |
| Stock Exchange Listing |
| Independent Public Accountants |
| Transfer Agent |

Sept. 16, 1952 15-1, Ginza 6-chome, Chuo-ku, Tokyo 104-8165, Japan ¥180,502,169,192 660,000,000 183,051,100 95,002 Tokyo Stock Exchange Ernst & Young ShinNihon LLC Sumitomo Mitsui Trust Bank, Limited

Electric Power Development Co., Ltd.

J-POWER

Major Offices

Head Office: 15-1, Ginza 6-chome, Chuo-ku, Tokyo
East Regional Headquarters: Kawagoe-shi, Saitama
Chubu Regional Headquarters: Kasugai-shi, Aichi
West Regional Headquarters: Osaka-shi, Osaka

Major Overseas Subsidiaries

- •J-POWER USA Development Co., Ltd.
- •J-POWER Generation (Thailand) Co., Ltd.
- •J-POWER Consulting (China) Co., Ltd.

| (Top To/As of March 31, 2023) | | |
|--|--|--|
| Name or Designation | Number of Shares Held (Thousands of Shares) | Percentage of Total Shares Issued (%) |
| The Master Trust Bank of Japan, Ltd. (Trust Account) | 22,111 | 12.08 |
| Nippon Life Insurance Company | 9,152 | 5.00 |
| Custody Bank of Japan, Ltd. (Trust Account) | 8,308 | 4.54 |
| Mizuho Bank, Ltd. | 5,155 | 2.82 |
| J-POWER Employees Shareholding Association | 4,960 | 2.71 |
| JP MORGAN CHASE BANK 385635 | 4,189 | 2.29 |
| Sumitomo Mitsui Banking Corporation | 3,436 | 1.88 |
| CGML PB CLIENT ACCOUNT/COLLATERAL | 3,348 | 1.83 |
| JP MORGAN CHASE BANK 380072 | 3,055 | 1.67 |
| Fukoku Mutual Life Insurance Company | 3,029 | 1.65 |
| | | |

Major Shareholders (Top 10/As of March 31, 2023)

Organization Chart (As of June 28, 2023)

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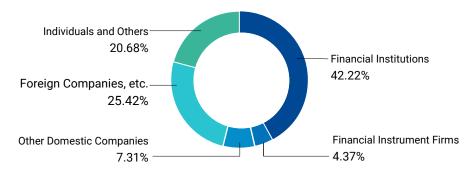
| | Internal Audit Office Nuclear Power Quality Assurance Audit Office | Secretarial Affairs Dept. Public Relation Dept. Corporate Planning & Administration Dept. Accounting & Finance Dept. Personnel & Employee Relations Dept. | |
|--|---|---|--|
| | Internal Audit Dept. | General Affairs Dept. | |
| Board of Directors | Senior Directors Executive | Digital Innovation Dept. Siting & Environment Dept. Procurement Dept. | |
| | Officers | Civil & Architectural Engineering Dept. Energy Planning Dept. Energy Trading Dept. | Okinawa Seawater Pumped Storage Office |
| Shareholder's Meeting | Executive Committee | — Energy Business Strategy Dept. — Renewable Energy Business Strategy Dept. | Regional Headquarters |
| Audit & | | Hydropower Dept. Onshore Wind Power Business Dept. | (East, Chubu, West) |
| Supervisory Committee Director | — Office of Audit & Supervisory Committee Members | Offshore Wind Power Business Dept. Thermal Energy & Value Creation Dept. Nuclear Power Management Dept. | Onikobe Geothermal Power Station Wakamatsu Operations & General Management Office |
| Audit & Supervisory Committee Members | | Nuclear Power Engineering Dept. Ohma General Management Dept. International Business Management Dept. | Ohma Nuclear Power Station Construction Office Aomori Branch Office Beijing Office |
| Members | | International Business Development Dept. Research & Development Dept. | - Chigasaki Research Institute - Wakamatsu Research Institute |

Sustainability Initiatives

Data Section

Composition of Shareholders (As of March 31, 2023)

* "Individuals and Others" includes 3,331 shares of treasury stock.



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