

# GRI Content Index

## Universal Standards

Disclosure		Reference
<b>GRI 102 : General Disclosures2016</b>		
<b>1. Organization profile</b>		
102-1	Name of the organization a. Name of the organization.	<input type="checkbox"/> Report2017 119P (Corporate Information : Company name)
102-2	Activities, brands, products, and services a. A description of the organization's activities. b. Primary brands, products, and services, including an explanation of any products or services that are banned in certain markets.	<input type="checkbox"/> Report2017 8P (Profile)  <input type="checkbox"/> Annual Securities Report <Japanese> 5-9P  <input type="checkbox"/> Web <a href="http://www.kepco.co.jp/english/corporate/info/profile/outline.html">http://www.kepco.co.jp/english/corporate/info/profile/outline.html</a>
102-3	Location of headquarters a. Location of the organization's headquarters.	<input type="checkbox"/> Report2017 119P (Corporate Information : Head office)
102-4	Location of operations a. Number of countries where the organization operates, and the names of countries where it has significant operations and/or that are relevant to the topics covered in the report.	<input type="checkbox"/> Report2017 3-4P (Actively Expanding Our International Business Fields and Regions) 54P (Overseas activities)  <input type="checkbox"/> Web (Overseas Power Generation Business) <a href="http://www.kepco.co.jp/english/corporate/info/international/generate/index.html">http://www.kepco.co.jp/english/corporate/info/international/generate/index.html</a> (Overseas Consulting Services) <a href="http://www.kepco.co.jp/english/corporate/info/international/consulting/index.html">http://www.kepco.co.jp/english/corporate/info/international/consulting/index.html</a> (International Contributions) <a href="http://www.kepco.co.jp/english/corporate/info/international/cooperation/index.html">http://www.kepco.co.jp/english/corporate/info/international/cooperation/index.html</a>  <input type="checkbox"/> Annual Securities Report <Japanese> 6-9P
102-5	Ownership and legal form a. Nature of ownership and legal form.	<input type="checkbox"/> Report2017 119P (Corporate Information / Stock Information)  <input type="checkbox"/> Annual Securities Report <Japanese> 5-9P
102-6	Markets served a. Markets served, including: i. geographic locations where products and services are offered; ii. sectors served; iii. types of customers and beneficiaries.	<input type="checkbox"/> Report2017 8P (Profile) 9-10P (Energy Value Chains) 119P (Corporate Information) 120P (Group Companies)  <input type="checkbox"/> Annual Securities Report <Japanese> 5-9P
102-7	Scale of the organization a. Scale of the organization, including: i. total number of employees; ii. total number of operations; iii. net sales (for private sector organizations) or net revenues (for public sector organizations); iv. total capitalization (for private sector organizations) broken down in terms of debt and equity; v. quantity of products or services provided.	<input type="checkbox"/> Report2017 11P (Financial Highlights) 119P (Corporate Information) 120P (Group Companies) 121P (Organization Chart)  <input type="checkbox"/> Web Fact Book 2016 <a href="http://www.kepco.co.jp/english/corporate/ir/brief/factbook/pdf/factbk16.pdf">http://www.kepco.co.jp/english/corporate/ir/brief/factbook/pdf/factbk16.pdf</a> 17P (Consolidated Financial Data) 23P (Non-Consolidated Financial Data)  <input type="checkbox"/> Annual Securities Report <Japanese only> 10-14P

Disclosure		Reference
102-8	<p>Information on employees and other workers</p> <p>a. Total number of employees by employment contract (permanent and temporary), by gender.</p> <p>b. Total number of employees by employment contract (permanent and temporary), by region.</p> <p>c. Total number of employees by employment type (full-time and part-time), by gender.</p> <p>d. Whether a significant portion of the organization's activities are performed by workers who are not employees. If applicable, a description of the nature and scale of work performed by workers who are not employees.</p> <p>e. Any significant variations in the numbers reported in Disclosures 102-8-a, 102-8-b, and 102-8-c (such as seasonal variations in the tourism or agricultural industries).</p> <p>f. An explanation of how the data have been compiled, including any assumptions made.</p>	<p><input type="checkbox"/> Report2017 65P (Diversity promotion) 119P (Corporate Information)</p> <p><input type="checkbox"/> Annual Securities Report &lt;Japanese&gt; 10, 22-25P</p>
102-9	<p>Supply chain</p> <p>a. A description of the organization's supply chain, including its main elements as they relate to the organization's activities, primary brands, products, and services.</p>	<p><input type="checkbox"/> Report2017 9-10P (Energy Value Chains)</p>
102-10	<p>Significant changes to the organization and its supply chain</p> <p>a. Significant changes to the organization's size, structure, ownership, or supply chain, including:</p> <p>i. Changes in the location of, or changes in, operations, including facility openings, closings, and expansions;</p> <p>ii. Changes in the share capital structure and other capital formation, maintenance, and alteration operations (for private sector organizations);</p> <p>iii. Changes in the location of suppliers, the structure of the supply chain, or relationships with suppliers, including selection and termination.</p>	<p><input type="checkbox"/> Report2017 121P (Organization Chart)</p>
102-11	<p>Precautionary Principle or approach</p> <p>a. Whether and how the organization applies the Precautionary Principle or approach.</p>	<p><input type="checkbox"/> Report2017 46-59P (Proactive Approach with a View to Creating Ever Better Environment)</p>
102-12	<p>External initiatives</p> <p>a. A list of externally-developed economic, environmental and social charters, principles, or other initiatives to which the organization subscribes, or which it endorses.</p>	<p>•Signed the Women's Empowerment Principles •Report in conformity with GHG protocol</p> <p><input type="checkbox"/> Report2017 65P (Initiatives to encourage the further success of female employees)</p>
102-13	<p>Membership of associations</p> <p>a. A list of the main memberships of industry or other associations, and national or international advocacy organizations.</p>	—

Disclosure		Reference
<b>2. Strategy</b>		
102-14	Statement from senior decision-maker  a. A statement from the most senior decision-maker of the organization (such as CEO, chair, or equivalent senior position) about the relevance of sustainability to the organization and its strategy for addressing sustainability.	<input type="checkbox"/> Report2017 13P (Commitment from Top Management) 15-16P (Interview with the President)
102-15	Key impacts, risks, and opportunities  a. A description of key impacts, risks, and opportunities.	<input type="checkbox"/> Report2017 19-26P (Kansai Electric Power Group Medium-term Management Plan) 27-28P (Materiality for the Kansai Electric Power Group) 80-81P (Financial Section : Business and Other Risks)  <input type="checkbox"/> Annual Securities Report <Japanese> 15-18P
<b>3. Ethics and integrity</b>		
102-16	Values, principles, standards, and norms of behavior  a. A description of the organization's values, principles, standards, and norms of behavior.	<input type="checkbox"/> Report2017 14P (The Kansai Electric Power Group Has a Solid Sense of Values) 32P (Kansai Electric Power Group CSR Action Charter)
102-17	Mechanisms for advice and concerns about ethics  a. A description of internal and external mechanisms for: i. seeking advice about ethical and lawful behavior, and organizational integrity; ii. reporting concerns about unethical or unlawful behavior, and organizational integrity.	<input type="checkbox"/> Report2017 72P (Compliance Consultation Desks)
<b>4. Governance</b>		
102-18	Governance structure  a. Governance structure of the organization, including committees of the highest governance body. b. Committees responsible for decision-making on economic, environmental, and social topics.	<input type="checkbox"/> Report2017 33P (CSR Promotion System) 75-77P (Corporate Governance)  <input type="checkbox"/> Annual Securities Report <Japanese> 36-43P
102-19	Delegating authority  a. Process for delegating authority for economic, environmental, and social topics from the highest governance body to senior executives and other employees.	<input type="checkbox"/> Report2017 33P (CSR Promotion System) 75-77P (Corporate Governance)  <input type="checkbox"/> Annual Securities Report <Japanese> 36-43P
102-20	Executive-level responsibility for economic, environmental, and social topics  a. Whether the organization has appointed an executive-level position or positions with responsibility for economic, environmental, and social topics. b. Whether post holders report directly to the highest governance body.	<input type="checkbox"/> Report2017 33P (CSR Promotion System) 75-77P (Corporate Governance)  <input type="checkbox"/> Annual Securities Report <Japanese> 36-43P
102-21	Consulting stakeholders on economic, environmental, and social topics  a. Processes for consultation between stakeholders and the highest governance body on economic, environmental, and social topics. b. If consultation is delegated, describe to whom it is delegated and how the resulting feedback is provided to the highest governance body.	<input type="checkbox"/> Report2017 33P (CSR Promotion System) 34P (Our Relationship with Stakeholders) 75-77P (Corporate Governance)  <input type="checkbox"/> Annual Securities Report <Japanese> 36-43P
102-22	Composition of the highest governance body and its committees  a. Composition of the highest governance body and its committees by: i. executive or non-executive; ii. independence; iii. tenure on the governance body; iv. number of each individual's other significant positions and commitments, and the nature of the commitments; v. gender; vi. membership of under-represented social groups; vii. competencies relating to economic, environmental, and social topics; viii. stakeholder representation.	<input type="checkbox"/> Report2016 33P (CSR Promotion System) 75-77P (Corporate Governance)  <input type="checkbox"/> Annual Securities Report <Japanese> 36-43P

Disclosure		Reference
102-23	<p>Chair of the highest governance body</p> <p>a. Whether the chair of the highest governance body is also an executive officer in the organization.</p> <p>b. If the chair is also an executive officer, describe his or her function within the organization's management and the reasons for this arrangement.</p>	<p><input type="checkbox"/> Report2017 33P (CSR Promotion System) 75-77P (Corporate Governance)</p> <p><input type="checkbox"/> Annual Securities Report &lt;Japanese&gt; 36-43P</p>
102-24	<p>Nominating and selecting the highest governance body</p> <p>a. Nomination and selection processes for the highest governance body and its committees.</p> <p>b. Criteria used for nominating and selecting highest governance body members, including whether and how:</p> <p>i. stakeholders (including shareholders) are involved;</p> <p>ii. diversity is considered;</p> <p>iii. independence is considered;</p> <p>iv. expertise and experience relating to economic, environmental, and social topics are considered.</p>	<p><input type="checkbox"/> Report2017 33P (CSR Promotion System) 75-77P (Corporate Governance)</p> <p><input type="checkbox"/> Annual Securities Report &lt;Japanese&gt; 36-43P</p>
102-25	<p>Conflicts of interest</p> <p>a. Processes for the highest governance body to ensure conflicts of interest are avoided and managed.</p> <p>b. Whether conflicts of interest are disclosed to stakeholders, including, as a minimum:</p> <p>i. Cross-board membership;</p> <p>ii. Cross-shareholding with suppliers and other stakeholders;</p> <p>iii. Existence of controlling shareholder;</p> <p>iv. Related party disclosures.</p>	<p><input type="checkbox"/> Report2017 33P (CSR Promotion System) 75-77P (Corporate Governance)</p> <p><input type="checkbox"/> Annual Securities Report &lt;Japanese&gt; 36-43P</p>
102-26	<p>Role of highest governance body in setting purpose, values, and strategy</p> <p>a. Highest governance body's and senior executives' roles in the development, approval, and updating of the organization's purpose, value or mission statements, strategies, policies, and goals related to economic, environmental, and social topics.</p>	<p><input type="checkbox"/> Report2017 33P (CSR Promotion System) 75-77P (Corporate Governance)</p> <p><input type="checkbox"/> Annual Securities Report &lt;Japanese&gt; 36-43P</p>
102-27	<p>Collective knowledge of highest governance body</p> <p>a. Measures taken to develop and enhance the highest governance body's collective knowledge of economic, environmental, and social topics.</p>	<p><input type="checkbox"/> Report2017 35-73P (Efforts Based on Our CSR Action Principles)</p>
102-28	<p>Evaluating the highest governance body's performance</p> <p>a. Processes for evaluating the highest governance body's performance with respect to governance of economic, environmental, and social topics.</p> <p>b. Whether such evaluation is independent or not, and its frequency.</p> <p>c. Whether such evaluation is a self-assessment.</p> <p>d. Actions taken in response to evaluation of the highest governance body's performance with respect to governance of economic, environmental, and social topics, including, as a minimum, changes in membership and organizational practice.</p>	<p><input type="checkbox"/> Report2017 33P (CSR Promotion System) 75-77P (Corporate Governance)</p> <p><input type="checkbox"/> Annual Securities Report &lt;Japanese&gt; 36-43P</p>
102-29	<p>Identifying and managing economic, environmental, and social impacts</p> <p>a. Highest governance body's role in identifying and managing economic, environmental, and social topics and their impacts, risks, and opportunities – including its role in the implementation of due diligence processes.</p> <p>b. Whether stakeholder consultation is used to support the highest governance body's identification and management of economic, environmental, and social topics and their impacts, risks, and opportunities.</p>	<p><input type="checkbox"/> Report2017 33P (CSR Promotion System) 75-77P (Corporate Governance)</p> <p><input type="checkbox"/> Annual Securities Report &lt;Japanese&gt; 36-43P</p>
102-30	<p>Effectiveness of risk management processes</p> <p>a. Highest governance body's role in reviewing the effectiveness of the organization's risk management processes for economic, environmental, and social topics.</p>	<p><input type="checkbox"/> Report2017 76P (Corporate Governance: Risk Management Committee)</p> <p><input type="checkbox"/> Annual Securities Report &lt;Japanese&gt; 36-43P</p>

Disclosure		Reference
102-31	<p>Review of economic, environmental, and social topics</p> <p>a. Frequency of the highest governance body's review of economic, environmental, and social topics and their impacts, risks, and opportunities.</p>	<p><input type="checkbox"/> Report2017 33P (CSR Promotion System) 76P (Corporate Governance: Risk Management Committee)</p>
102-32	<p>Highest governance body's role in sustainability reporting</p> <p>a. The highest committee or position that formally reviews and approves the organization's sustainability report and ensures that all material topics are covered.</p>	<p><input type="checkbox"/> Report2017 27-28P (Materiality for the Kansai Electric Power Group) 33P (CSR Promotion System)</p>
102-33	<p>Communicating critical concerns</p> <p>a. Process for communicating critical concerns to the highest governance body.</p>	<p><input type="checkbox"/> Report2017 75-77P (Corporate Governance)</p> <p><input type="checkbox"/> Annual Securities Report &lt;Japanese&gt; 36-43P</p>
102-34	<p>Nature and total number of critical concerns</p> <p>a. Total number and nature of critical concerns that were communicated to the highest governance body. b. Mechanism(s) used to address and resolve critical concerns.</p>	—
102-35	<p>Remuneration policies</p> <p>a. Remuneration policies for the highest governance body and senior executives for the following types of remuneration: i. Fixed pay and variable pay, including performance-based pay, equity-based pay, bonuses, and deferred or vested shares; ii. Sign-on bonuses or recruitment incentive payments; iii. Termination payments; iv. Clawbacks; v. Retirement benefits, including the difference between benefit schemes and contribution rates for the highest governance body, senior executives, and all other employees. b. How performance criteria in the remuneration policies relate to the highest governance body's and senior executives' objectives for economic, environmental, and social topics.</p>	<p><input type="checkbox"/> Annual Securities Report &lt;Japanese&gt; 40P</p>
102-36	<p>Process for determining remuneration</p> <p>a. Process for determining remuneration. b. Whether remuneration consultants are involved in determining remuneration and whether they are independent of management. c. Any other relationships that the remuneration consultants have with the organization.</p>	<p><input type="checkbox"/> Annual Securities Report &lt;Japanese&gt; 40P</p>
102-37	<p>Stakeholders' involvement in remuneration</p> <p>a. How stakeholders' views are sought and taken into account regarding remuneration. b. If applicable, the results of votes on remuneration policies and proposals.</p>	<p><input type="checkbox"/> Annual Securities Report &lt;Japanese&gt; 40P</p>
102-38	<p>Annual total compensation ratio</p> <p>a. Ratio of the annual total compensation for the organization's highest-paid individual in each country of significant operations to the median annual total compensation for all employees (excluding the highest-paid individual) in the same country.</p>	<p><input type="checkbox"/> Annual Securities Report &lt;Japanese&gt; 10P</p>
102-39	<p>Percentage increase in annual total compensation ratio</p> <p>a. Ratio of the percentage increase in annual total compensation for the organization's highest-paid individual in each country of significant operations to the median percentage increase in annual total compensation for all employees (excluding the highest-paid individual) in the same country.</p>	<p><input type="checkbox"/> Annual Securities Report &lt;Japanese&gt; 10P</p>

Disclosure		Reference
<b>5. Stakeholder engagement</b>		
102-40	List of stakeholder groups a. A list of stakeholder groups engaged by the organization.	<input type="checkbox"/> Report2017 34P (Our Relationship with Stakeholders)
102-41	Collective bargaining agreements a. Percentage of total employees covered by collective bargaining agreements.	<input type="checkbox"/> Report2017 64P (Sustaining stable labor - management relations)
102-42	Identifying and selecting stakeholders a. The basis for identifying and selecting stakeholders with whom to engage.	<input type="checkbox"/> Report2017 34P (Our Relationship with Stakeholders)
102-43	Approach to stakeholder engagement a. The organization's approach to stakeholder engagement, including frequency of engagement by type and by stakeholder group, and an indication of whether any of the engagement was undertaken specifically as part of the report preparation process.	<input type="checkbox"/> Report2017 34P (Our Relationship with Stakeholders)
102-44	Key topics and concerns raised a. Key topics and concerns that have been raised through stakeholder engagement, including: i. how the organization has responded to those key topics and concerns, including through its reporting; ii. the stakeholder groups that raised each of the key topics and concerns.	<input type="checkbox"/> Report2017 34P (Our Relationship with Stakeholders) 68-70P (Enhancing communication with stakeholders)
<b>6. Reporting practice</b>		
102-45	Entities included in the consolidated financial statements a. A list of all entities included in the organization's consolidated financial statements or equivalent documents. b. Whether any entity included in the organization's consolidated financial statements or equivalent documents is not covered by the report.	<input type="checkbox"/> Report2017 119P (Group Companies) 120P (Organization Chart) <input type="checkbox"/> Annual Securities Report <Japanese> 6-9P
102-46	Defining report content and topic Boundaries a. An explanation of the process for defining the report content and the topic Boundaries. b. An explanation of how the organization has implemented the Reporting Principles for defining report content.	<input type="checkbox"/> Report2017 7P (Editorial Policies / Scope of Report)
102-47	List of material topics a. A list of the material topics identified in the process for defining report content.	<input type="checkbox"/> Report2017 27-28P (Materiality for the Kansai Electric Power Group)
102-48	Restatements of information a. The effect of any restatements of information given in previous reports, and the reasons for such restatements.	Not applicable
102-49	Changes in reporting a. Significant changes from previous reporting periods in the list of material topics and topic Boundaries.	Not applicable
102-50	Reporting period a. Reporting period for the information provided.	<input type="checkbox"/> Report2017 7P (Scope of Report) •Period covered : April 1, 2016, to March 31, 2017 ※We will also report on important information that may fall outside of that time frame.
102-51	Date of most recent report a. If applicable, the date of the most recent previous report.	<input type="checkbox"/> Report2017 7P (Report Publication Date) •Published July 2017
102-52	Reporting cycle a. Reporting cycle.	<input type="checkbox"/> Report2017 7P (Report Publication Date) •Annual

Disclosure		Reference
102-53	<p>Contact point for questions regarding the report</p> <p>a. The contact point for questions regarding the report or its contents.</p>	<p>□ Report2017 7P (Place of Publication) • CSR and Quality Promotion Group, Office of Corporate Planning The Kansai Electric Power Co., Inc. 3-6-16 Nakanoshima, Kita-ku, Osaka 530-8270, Japan</p>
102-54	<p>Claims of reporting in accordance with the GRI Standards</p> <p>a. The claim made by the organization, if it has prepared a report in accordance with the GRI Standards, either: i. 'This report has been prepared in accordance with the GRI Standards: Core option'; ii. 'This report has been prepared in accordance with the GRI Standards: Comprehensive option'.</p>	—
102-55	<p>GRI content index</p> <p>a. The GRI content index, which specifies each of the GRI Standards used and lists all disclosures included in the report. b. For each disclosure, the content index shall include: i. the number of the disclosure (for disclosures covered by the GRI Standards); ii. the page number(s) or URL(s) where the information can be found, either within the report or in other published materials; iii. if applicable, and where permitted, the reason(s) for omission when a required disclosure cannot be made.</p>	<p>• GRI Content Index <a href="http://www.kepcoco.jp/english/corporate/list/report/pdf/gri2017.pdf">http://www.kepcoco.jp/english/corporate/list/report/pdf/gri2017.pdf</a></p>
102-56	<p>External assurance</p> <p>a. A description of the organization's policy and current practice with regard to seeking external assurance for the report. b. If the report has been externally assured: i. A reference to the external assurance report, statements, or opinions. If not included in the assurance report accompanying the sustainability report, a description of what has and what has not been assured and on what basis, including the assurance standards used, the level of assurance obtained, and any limitations of the assurance process; ii. The relationship between the organization and the assurance provider; iii. Whether and how the highest governance body or senior executives are involved in seeking external assurance for the organization's sustainability report.</p>	<p>□ Web&lt;Japanese&gt; (Third-party guarantees) <a href="http://www.kepcoco.jp/sustainability/kankyoku/report/data/pdf/security.pdf">http://www.kepcoco.jp/sustainability/kankyoku/report/data/pdf/security.pdf</a></p>
<b>GRI 103 : Management Approach 2016</b>		
103-1	<p>Explanation of the material topic and its Boundary</p> <p>For each material topic, the reporting organization shall report the following information: a. An explanation of why the topic is material. b. The Boundary for the material topic, which includes a description of: i. where the impacts occur; ii. the organization's involvement with the impacts. For example, whether the organization has caused or contributed to the impacts, or is directly linked to the impacts through its business relationships. c. Any specific limitation regarding the topic Boundary.</p>	<p>□ Report2017 27-28P (Materiality for the Kansai Electric Power Group)</p>
103-2	<p>The management approach and its components</p> <p>For each material topic, the reporting organization shall report the following information: a. An explanation of how the organization manages the topic. b. A statement of the purpose of the management approach. c. A description of the following, if the management approach includes that component: i. Policies ii. Commitments iii. Goals and targets iv. Responsibilities v. Resources vi. Grievance mechanisms vii. Specific actions, such as processes, projects, programs and initiatives</p>	<p>□ Report2017 13P (Commitment from Top Management) 15-16P (Interview with the President) 27-28P (Materiality for the Kansai Electric Power Group) 32-35P (Management and CSR)</p>

Disclosure		Reference
103-3	<p>Evaluation of the management approach</p> <p>For each material topic, the reporting organization shall report the following information:</p> <p>a. An explanation of how the organization evaluates the management approach, including:</p> <p>i. the mechanisms for evaluating the effectiveness of the management approach;</p> <p>ii. the results of the evaluation of the management approach;</p> <p>iii. any related adjustments to the management approach.</p>	<p>□ Report2017</p> <p>13P (Commitment from Top Management)</p> <p>15-16P (Interview with the President)</p> <p>27-28P (Materiality for the Kansai Electric Power Group)</p> <p>32-35P (Management and CSR)</p>

## Topic-specific Standards

Disclosure		Reference
<b>Economic</b>		
<b>GRI 201 : Economic Performance 2016</b>		
201-1	<p>Direct economic value generated and distributed</p> <p>a. Direct economic value generated and distributed (EVG&amp;D) on an accruals basis, including the basic components for the organization's global operations as listed below. If data are presented on a cash basis, report the justification for this decision in addition to reporting the following basic components:</p> <p>i. Direct economic value generated: revenues;</p> <p>ii. Economic value distributed: operating costs, employee wages and benefits, payments to providers of capital, payments to government by country, and community investments;</p> <p>iii. Economic value retained: 'direct economic value generated' less 'economic value distributed'.</p> <p>b. Where significant, report EVG&amp;D separately at country, regional, or market levels, and the criteria used for defining significance.</p>	<p>□ Report2017</p> <p>11-12P (Financial and Nonfinancial Highlights)</p> <p>19-26P (Kansai Electric Power Group Medium-term Management Plan)</p> <p>27-28P (Materiality for the Kansai Electric Power Group)</p> <p>78-118P (Financial Section)</p> <p>□ Annual Securities Report &lt;Japanese&gt;</p> <p>2-3P, 10P, 31P, 86-87P</p>
201-2	<p>Financial implications and other risks and opportunities due to climate change</p> <p>a. Risks and opportunities posed by climate change that have the potential to generate substantive changes in operations, revenue, or expenditure, including:</p> <p>i. a description of the risk or opportunity and its classification as either physical, regulatory, or other;</p> <p>ii. a description of the impact associated with the risk or opportunity;</p> <p>iii. the financial implications of the risk or opportunity before action is taken;</p> <p>iv. the methods used to manage the risk or opportunity;</p> <p>v. the costs of actions taken to manage the risk or opportunity.</p>	<p>□ Report2017</p> <p>80-81P (Business and Other Risks)</p> <p>□ Annual Securities Report &lt;Japanese&gt;</p> <p>15-18P</p>
201-3	<p>Defined benefit plan obligations and other retirement plans</p> <p>a. If the plan's liabilities are met by the organization's general resources, the estimated value of those liabilities.</p> <p>b. If a separate fund exists to pay the plan's pension liabilities:</p> <p>i. the extent to which the scheme's liabilities are estimated to be covered by the assets that have been set aside to meet them;</p> <p>ii. the basis on which that estimate has been arrived at;</p> <p>iii. when that estimate was made.</p> <p>c. If a fund set up to pay the plan's pension liabilities is not fully covered, explain the strategy, if any, adopted by the employer to work towards full coverage, and the timescale, if any, by which the employer hopes to achieve full coverage.</p> <p>d. Percentage of salary contributed by employee or employer.</p> <p>e. Level of participation in retirement plans, such as participation in mandatory or voluntary schemes, regional, or country-based schemes, or those with financial impact.</p>	<p>□ Report2017</p> <p>95P (Retirement and Pension Plan)</p>



Disclosure		Reference
201-4	<p>Financial assistance received from government</p> <p>a. Total monetary value of financial assistance received by the organization from any government during the reporting period, including:</p> <ul style="list-style-type: none"> <li>i. tax relief and tax credits;</li> <li>ii. subsidies;</li> <li>iii. investment grants, research and development grants, and other relevant types of grant;</li> <li>iv. awards;</li> <li>v. royalty holidays;</li> <li>vi. financial assistance from Export Credit Agencies (ECAs);</li> <li>vii. financial incentives;</li> <li>viii. other financial benefits received or receivable from any government for any operation.</li> </ul> <p>b. The information in 201-4-a by country.</p> <p>c. Whether, and the extent to which, any government is present in the shareholding structure.</p>	
<b>GRI 202 : Market Presence 2016</b>		
202-1	<p>Ratios of standard entry level wage by gender compared to local minimum wage</p> <p>a. When a significant proportion of employees are compensated based on wages subject to minimum wage rules, report the relevant ratio of the entry level wage by gender at significant locations of operation to the minimum wage.</p> <p>b. When a significant proportion of other workers (excluding employees) performing the organization's activities are compensated based on wages subject to minimum wage rules, describe the actions taken to determine whether these workers are paid above the minimum wage.</p> <p>c. Whether a local minimum wage is absent or variable at significant locations of operation, by gender. In circumstances in which different minimums can be used as a reference, report which minimum wage is being used.</p> <p>d. The definition used for 'significant locations of operation'.</p>	
202-2	<p>Proportion of senior management hired from the local community</p> <p>a. Percentage of senior management at significant locations of operation that are hired from the local community.</p> <p>b. The definition used for 'senior management'.</p> <p>c. The organization's geographical definition of 'local'.</p> <p>d. The definition used for 'significant locations of operation'.</p>	
<b>GRI 203 : Indirect Economic Impacts 2016</b>		
203-1	<p>Infrastructure investments and services supported</p> <p>a. Extent of development of significant infrastructure investments and services supported.</p> <p>b. Current or expected impacts on communities and local economies, including positive and negative impacts where relevant.</p> <p>c. Whether these investments and services are commercial, in-kind, or pro bono engagements.</p>	
203-2	<p>Significant indirect economic impacts</p> <p>a. Examples of significant identified indirect economic impacts of the organization, including positive and negative impacts.</p> <p>b. Significance of the indirect economic impacts in the context of external benchmarks and stakeholder priorities, such as national and international standards, protocols, and policy agendas.</p>	
<b>GRI 204 : Procurement Practices 2016</b>		
204-1	<p>Proportion of spending on local suppliers</p> <p>a. Percentage of the procurement budget used for significant locations of operation that is spent on suppliers local to that operation (such as percentage of products and services purchased locally).</p> <p>b. The organization's geographical definition of 'local'.</p> <p>c. The definition used for 'significant locations of operation'.</p>	
<b>GRI 205 : Anti-corruption 2016</b>		
205-1	<p>Operations assessed for risks related to corruption</p> <p>a. Total number and percentage of operations assessed for risks related to corruption.</p> <p>b. Significant risks related to corruption identified through the risk assessment.</p>	

Disclosure		Reference
205-2	<p>Communication and training about anti-corruption policies and procedures</p> <p>a. Total number and percentage of governance body members that the organization's anti-corruption policies and procedures have been communicated to, broken down by region.</p> <p>b. Total number and percentage of employees that the organization's anti-corruption policies and procedures have been communicated to, broken down by employee category and region.</p> <p>c. Total number and percentage of business partners that the organization's anti-corruption policies and procedures have been communicated to, broken down by type of business partner and region. Describe if the organization's anti-corruption policies and procedures have been communicated to any other persons or organizations.</p> <p>d. Total number and percentage of governance body members that have received training on anti-corruption, broken down by region.</p> <p>e. Total number and percentage of employees that have received training on anti-corruption, broken down by employee category and region.</p>	<p>□ Report2017</p> <p>72P (Promoting compliance independently according to the characteristics of each division and group company)</p>
205-3	<p>Confirmed incidents of corruption and actions taken</p> <p>a. Total number and nature of confirmed incidents of corruption.</p> <p>b. Total number of confirmed incidents in which employees were dismissed or disciplined for corruption.</p> <p>c. Total number of confirmed incidents when contracts with business partners were terminated or not renewed due to violations related to corruption.</p> <p>d. Public legal cases regarding corruption brought against the organization or its employees during the reporting period and the outcomes of such cases.</p>	—
<b>GRI 206 : Anti-competitive Behavior 2016</b>		
206-1	<p>Legal actions for anti-competitive behavior, anti-trust, and monopoly practices</p> <p>a. Number of legal actions pending or completed during the reporting period regarding anti-competitive behavior and violations of anti-trust and monopoly legislation in which the organization has been identified as a participant.</p> <p>b. Main outcomes of completed legal actions, including any decisions or judgments.</p>	Not applicable
<b>Environment</b>		
<b>GRI 103 : Management Approach 2016</b>		
	<p>103-1:Explanation of the material topic and its Boundary</p> <p>103-2:The management approach and its components</p> <p>103-3:Evaluation of the management approach</p>	<p>□ Report2017</p> <p>7P (Editorial Policies)</p> <p>27-28P (Materiality for the Kansai Electric Power Group)</p> <p>34P (Our Relationship with Stakeholders)</p> <p>46-59P (Proactive Approach with a View to Creating Ever Better Environment)</p>
<b>GRI 301 : Materials 2016</b>		
301-1	<p>Materials used by weight or volume</p> <p>a. Total weight or volume of materials that are used to produce and package the organization's primary products and services during the reporting period, by:</p> <p>i. non-renewable materials used;</p> <p>ii. renewable materials used.</p>	<p>□ Report2017</p> <p>47P (Status overview of our business activities and environmental load: Fuels for power generation, Water for power generation, Resources)</p> <p>□ Environmental Data 2017</p> <p>5P-6P (Initiatives contributing to the realization of a low-carbon society)</p> <p>7P (Promotion of environmental protection in local communities)</p>
301-2	<p>Recycled input materials used</p> <p>a. Percentage of recycled input materials used to manufacture the organization's primary products and services.</p>	<p>□ Report2017</p> <p>9-10P (Energy Value Chains)</p> <p>117-118P (Five-Year Summary of Selected Operational Data)</p>
301-3	<p>Reclaimed products and their packaging materials</p> <p>a. Percentage of reclaimed products and their packaging materials for each product category.</p> <p>b. How the data for this disclosure have been collected.</p>	Not applicable

Disclosure		Reference
<b>GRI 302 : Energy 2016</b>		
302-1	<p>Energy consumption within the organization</p> <p>a. Total fuel consumption within the organization from non-renewable sources, in joules or multiples, and including fuel types used.</p> <p>b. Total fuel consumption within the organization from renewable sources, in joules or multiples, and including fuel types used.</p> <p>c. In joules, watt-hours or multiples, the total:</p> <p>i. electricity consumption</p> <p>ii. heating consumption</p> <p>iii. cooling consumption</p> <p>iv. steam consumption</p> <p>d. In joules, watt-hours or multiples, the total:</p> <p>i. electricity sold</p> <p>ii. heating sold</p> <p>iii. cooling sold</p> <p>iv. steam sold</p> <p>e. Total energy consumption within the organization, in joules or multiples.</p> <p>f. Standards, methodologies, assumptions, and/or calculation tools used.</p> <p>g. Source of the conversion factors used.</p>	<p>□ Report2017</p> <p>47P (Status overview of our business activities and environmental load : office activities)</p> <p>48P (Eco Action : Office energy and resource conservation activities)</p> <p>52P (Energy management at business locations)</p>
302-2	<p>Energy consumption outside of the organization</p> <p>a. Energy consumption outside of the organization, in joules or multiples.</p> <p>b. Standards, methodologies, assumptions, and/or calculation tools used.</p> <p>c. Source of the conversion factors used.</p>	<p>□ Report2017</p> <p>47P (Status overview of our business activities and environmental load: Vehicle fuels)</p>
302-3	<p>Energy intensity</p> <p>a. Energy intensity ratio for the organization.</p> <p>b. Organization-specific metric (the denominator) chosen to calculate the ratio.</p> <p>c. Types of energy included in the intensity ratio; whether fuel, electricity, heating, cooling, steam, or all.</p> <p>d. Whether the ratio uses energy consumption within the organization, outside of it, or both.</p>	<p>□ Report2017</p> <p>119P (Corporate Information/Stock Information )</p>
302-4	<p>Reduction of energy consumption</p> <p>a. Amount of reductions in energy consumption achieved as a direct result of conservation and efficiency initiatives, in joules or multiples.</p> <p>b. Types of energy included in the reductions; whether fuel, electricity, heating, cooling, steam, or all.</p> <p>c. Basis for calculating reductions in energy consumption, such as base year or baseline, including the rationale for choosing it.</p> <p>d. Standards, methodologies, assumptions, and/or calculation tools used.</p>	<p>□ Report2017</p> <p>48P (Eco Action : Office energy and resource conservation activities)</p> <p>52P (Energy management at business locations)</p>
302-5	<p>Reductions in energy requirements of products and services</p> <p>a. Reductions in energy requirements of sold products and services achieved during the reporting period, in joules or multiples.</p> <p>b. Basis for calculating reductions in energy consumption, such as base year or baseline, including the rationale for choosing it.</p> <p>c. Standards, methodologies, assumptions, and/or calculation tools used.</p>	<p>□ Report2017</p> <p>52P (Contributing to energy conservation, cost reductions and CO2 emissions reductions by customers and society)</p>
<b>GRI 303 : Water 2016</b>		
303-1	<p>Water withdrawal by source</p> <p>a. Total volume of water withdrawn, with a breakdown by the following sources:</p> <p>i. Surface water, including water from wetlands, rivers, lakes, and oceans;</p> <p>ii. Ground water;</p> <p>iii. Rainwater collected directly and stored by the organization;</p> <p>iv. Waste water from another organization;</p> <p>v. Municipal water supplies or other public or private water utilities.</p> <p>b. Standards, methodologies, and assumptions used.</p>	<p>□ Report2017</p> <p>47P (Status overview of our business activities and environmental load • Released into water areas)</p> <p>□ Environmental Data 2017</p> <p>7P (Promotion of environmental protection in local communities)</p>

Disclosure		Reference
303-2	<p>Water sources significantly affected by withdrawal of water</p> <p>a. Total number of water sources significantly affected by withdrawal by type:</p> <ol style="list-style-type: none"> <li>Size of the water source;</li> <li>Whether the source is designated as a nationally or internationally protected area;</li> <li>Biodiversity value (such as species diversity and endemism, and total number of protected species);</li> <li>Value or importance of the water source to local communities and indigenous peoples.</li> </ol> <p>b. Standards, methodologies, and assumptions used.</p>	
303-3	<p>Water recycled and reused</p> <p>a. Total volume of water recycled and reused by the organization.</p> <p>b. Total volume of water recycled and reused as a percentage of the total water withdrawal as specified in Disclosure 303-1.</p> <p>c. Standards, methodologies, and assumptions used.</p>	
<b>GRI 304 : Biodiversity 2016</b>		
304-1	<p>Operational sites owned, leased, managed in, or adjacent to, protected areas and areas of high biodiversity value outside protected areas</p> <p>a. For each operational site owned, leased, managed in, or adjacent to, protected areas and areas of high biodiversity value outside protected areas, the following information:</p> <ol style="list-style-type: none"> <li>Geographic location;</li> <li>Subsurface and underground land that may be owned, leased, or managed by the organization;</li> <li>Position in relation to the protected area (in the area, adjacent to, or containing portions of the protected area) or the high biodiversity value area outside protected areas;</li> <li>Type of operation (office, manufacturing or production, or extractive);</li> <li>Size of operational site in km2 (or another unit, if appropriate);</li> <li>Biodiversity value characterized by the attribute of the protected area or area of high biodiversity value outside the protected area (terrestrial, freshwater, or maritime ecosystem);</li> <li>Biodiversity value characterized by listing of protected status (such as IUCN Protected Area Management Categories, Ramsar Convention, national legislation).</li> </ol>	<p><input type="checkbox"/> Report2017 57P (Conservation of biodiversity)</p> <p><input type="checkbox"/> PDF 11P-13P (Conservation of biodiversity)</p>
304-2	<p>Significant impacts of activities, products, and services on biodiversity</p> <p>a. Nature of significant direct and indirect impacts on biodiversity with reference to one or more of the following:</p> <ol style="list-style-type: none"> <li>Construction or use of manufacturing plants, mines, and transport infrastructure;</li> <li>Pollution (introduction of substances that do not naturally occur in the habitat from point and non-point sources);</li> <li>Introduction of invasive species, pests, and pathogens;</li> <li>Reduction of species;</li> <li>Habitat conversion;</li> <li>Changes in ecological processes outside the natural range of variation (such as salinity or changes in groundwater level).</li> </ol> <p>b. Significant direct and indirect positive and negative impacts with reference to the following:</p> <ol style="list-style-type: none"> <li>Species affected;</li> <li>Extent of areas impacted;</li> <li>Duration of impacts;</li> <li>Reversibility or irreversibility of the impacts.</li> </ol>	<p><input type="checkbox"/> Report2016 57P (Conservation of biodiversity)</p> <p><input type="checkbox"/> PDF 11P-12P (Conservation of biodiversity)</p>
304-3	<p>Habitats protected or restored</p> <p>a. Size and location of all habitat areas protected or restored, and whether the success of the restoration measure was or is approved by independent external professionals.</p> <p>b. Whether partnerships exist with third parties to protect or restore habitat areas distinct from where the organization has overseen and implemented restoration or protection measures.</p> <p>c. Status of each area based on its condition at the close of the reporting period.</p> <p>d. Standards, methodologies, and assumptions used.</p>	<p><input type="checkbox"/> Report2017 57P (Conservation of biodiversity)</p> <p><input type="checkbox"/> PDF 10P (Conservation of biodiversity)</p>

Disclosure		Reference
304-4	<p>IUCN Red List species and national conservation list species with habitats in areas affected by operations</p> <p>a. Total number of IUCN Red List species and national conservation list species with habitats in areas affected by the operations of the organization, by level of extinction risk:</p> <ul style="list-style-type: none"> <li>i. Critically endangered</li> <li>ii. Endangered</li> <li>iii. Vulnerable</li> <li>iv. Near threatened</li> <li>v. Least concern</li> </ul>	
<b>GRI 305 : Emissions 2016</b>		
305-1	<p>Direct (Scope 1) GHG emissions</p> <p>a. Gross direct (Scope 1) GHG emissions in metric tons of CO2 equivalent.</p> <p>b. Gases included in the calculation; whether CO2, CH4, N2O, HFCs, PFCs, SF6, NF3, or all.</p> <p>c. Biogenic CO2 emissions in metric tons of CO2 equivalent.</p> <p>d. Base year for the calculation, if applicable, including:</p> <ul style="list-style-type: none"> <li>i. the rationale for choosing it;</li> <li>ii. emissions in the base year;</li> <li>iii. the context for any significant changes in emissions that triggered recalculations of base year emissions.</li> </ul> <p>e. Source of the emission factors and the global warming potential (GWP) rates used, or a reference to the GWP source.</p> <p>f. Consolidation approach for emissions; whether equity share, financial control, or operational control.</p> <p>g. Standards, methodologies, assumptions, and/or calculation tools used.</p>	<p><input type="checkbox"/> Report 2017 47P (Status overview of our business activities and environmental load : office activities) 49P (Efforts to reduce CO2 emissions)</p> <p><input type="checkbox"/> Environmental Data 2017 10P-11P (Data related to materiality)</p>
305-2	<p>Energy indirect (Scope 2) GHG emissions</p> <p>a. Gross location-based energy indirect (Scope 2) GHG emissions in metric tons of CO2 equivalent.</p> <p>b. If applicable, gross market-based energy indirect (Scope 2) GHG emissions in metric tons of CO2 equivalent.</p> <p>c. If available, the gases included in the calculation; whether CO2, CH4, N2O, HFCs, PFCs, SF6, NF3, or all.</p> <p>d. Base year for the calculation, if applicable, including:</p> <ul style="list-style-type: none"> <li>i. the rationale for choosing it;</li> <li>ii. emissions in the base year;</li> <li>iii. the context for any significant changes in emissions that triggered recalculations of base year emissions.</li> </ul> <p>e. Source of the emission factors and the global warming potential (GWP) rates used, or a reference to the GWP source.</p> <p>f. Consolidation approach for emissions; whether equity share, financial control, or operational control.</p> <p>g. Standards, methodologies, assumptions, and/or calculation tools used.</p>	<p><input type="checkbox"/> Environmental Data 2017 10P-11P (Data related to materiality)</p>
305-3	<p>Other indirect (Scope 3) GHG emissions</p> <p>a. Gross other indirect (Scope 3) GHG emissions in metric tons of CO2 equivalent.</p> <p>b. If available, the gases included in the calculation; whether CO2, CH4, N2O, HFCs, PFCs, SF6, NF3, or all.</p> <p>c. Biogenic CO2 emissions in metric tons of CO2 equivalent.</p> <p>d. Other indirect (Scope 3) GHG emissions categories and activities included in the calculation.</p> <p>e. Base year for the calculation, if applicable, including:</p> <ul style="list-style-type: none"> <li>i. the rationale for choosing it;</li> <li>ii. emissions in the base year;</li> <li>iii. the context for any significant changes in emissions that triggered recalculations of base year emissions.</li> </ul> <p>f. Source of the emission factors and the global warming potential (GWP) rates used, or a reference to the GWP source.</p> <p>g. Standards, methodologies, assumptions, and/or calculation tools used.</p>	<p><input type="checkbox"/> Environmental Data 2017 10P-11P (Data related to materiality)</p>
305-4	<p>GHG emissions intensity</p> <p>a. GHG emissions intensity ratio for the organization.</p> <p>b. Organization-specific metric (the denominator) chosen to calculate the ratio.</p> <p>c. Types of GHG emissions included in the intensity ratio; whether direct (Scope 1), energy indirect (Scope 2), and/or other indirect (Scope 3).</p> <p>d. Gases included in the calculation; whether CO2, CH4, N2O, HFCs, PFCs, SF6, NF3, or all.</p>	<p><input type="checkbox"/> Report 2017 12P (Nonfinancial Highlights) 27-28P (Materiality for the Kansai Electric Power Group) 47P (Status overview of our business activities and environmental load : Released into atmosphere) 48P (Eco Action) 49P (Initiative contributing to the emergence of a low-carbon society) 117-118P (Five-Year Summary of Selected Operational Data)</p> <p><input type="checkbox"/> Environmental Data 2017 2P (Environmental accounting KEPCO) 5P-6P (Initiatives contributing to the realization of a low-carbon society)</p>

Disclosure		Reference
305-5	<p>Reduction of GHG emissions</p> <p>a. GHG emissions reduced as a direct result of reduction initiatives, in metric tons of CO2 equivalent.</p> <p>b. Gases included in the calculation; whether CO2, CH4, N2O, HFCs, PFCs, SF6, NF3, or all.</p> <p>c. Base year or baseline, including the rationale for choosing it.</p> <p>d. Scopes in which reductions took place; whether direct (Scope 1), energy indirect (Scope 2), and/or other indirect (Scope 3).</p> <p>e. Standards, methodologies, assumptions, and/or calculation tools used.</p>	<p>□ Report 2016</p> <p>49-54P (Initiative contributing to the emergence of a low-carbon society)</p>
305-6	<p>Emissions of ozone-depleting substances (ODS)</p> <p>a. Production, imports, and exports of ODS in metric tons of CFC-11 (trichlorofluoromethane) equivalent.</p> <p>b. Substances included in the calculation.</p> <p>c. Source of the emission factors used.</p> <p>d. Standards, methodologies, assumptions, and/or calculation tools used.</p>	—
305-7	<p>Nitrogen oxides (NOX), sulfur oxides (SOX), and other significant air emissions</p> <p>a. Significant air emissions, in kilograms or multiples, for each of the following:</p> <p>i. NOX</p> <p>ii. SOX</p> <p>iii. Persistent organic pollutants (POP)</p> <p>iv. Volatile organic compounds (VOC)</p> <p>v. Hazardous air pollutants (HAP)</p> <p>vi. Particulate matter (PM)</p> <p>vii. Other standard categories of air emissions identified in relevant regulations</p> <p>b. Source of the emission factors used.</p> <p>c. Standards, methodologies, assumptions, and/or calculation tools used.</p>	<p>□ Report 2017</p> <p>27-28P (Materiality for the Kansai Electric Power Group)</p> <p>47P (Status overview of our business activities and environmental load : Released into atmosphere)</p> <p>48P (Eco Action: Maintaining sulfur oxide (SOx) and nitrogen oxide (NOx) emission levels proportional to the volume of power generated )</p> <p>56P (Air pollution prevention measures: SOx·NOx )</p>
<b>GRI 306 : Effluents and Waste 2016</b>		
306-1	<p>Water discharge by quality and destination</p> <p>a. Total volume of planned and unplanned water discharges by:</p> <p>i. destination;</p> <p>ii. quality of the water, including treatment method;</p> <p>iii. whether the water was reused by another organization.</p> <p>b. Standards, methodologies, and assumptions used.</p>	<p>□ Report 2017</p> <p>47P (Status overview of our business activities and environmental load : Water for power generation, Released into water areas)</p>
306-2	<p>Waste by type and disposal method</p> <p>a. Total weight of hazardous waste, with a breakdown by the following disposal methods where applicable:</p> <p>i. Reuse ii. Recycling</p> <p>iii. Composting iv. Recovery, including energy recovery</p> <p>v. Incineration (mass burn) vi. Deep well injection</p> <p>vii. Landfill viii. On-site storage</p> <p>ix. Other (to be specified by the organization)</p> <p>b. Total weight of non-hazardous waste, with a breakdown by the following disposal methods where applicable:</p> <p>i. Reuse ii. Recycling</p> <p>iii. Composting iv. Recovery, including energy recovery</p> <p>v. Incineration (mass burn) vi. Deep well injection</p> <p>vii. Landfill viii. On-site storage</p> <p>ix. Other (to be specified by the organization)</p> <p>c. How the waste disposal method has been determined:</p> <p>i. Disposed of directly by the organization, or otherwise directly confirmed</p> <p>ii. Information provided by the waste disposal contractor</p> <p>iii. Organizational defaults of the waste disposal contractor</p>	<p>□ Report 2017</p> <p>27-28P (Materiality for the Kansai Electric Power Group)</p> <p>47P (Status overview of our business activities and environmental load :Wastes)</p> <p>48P (Eco Action:PCB wastes)</p> <p>55P (Initiative contributing to the emergence of a society committed to recycling)</p> <p>□ Environmental Data 2017</p> <p>6P (Initiatives contributing to the realization of a recycling-oriented society)</p> <p>9P (Radioactive substances, radioactive waste)</p>
306-3	<p>Significant spills</p> <p>a. Total number and total volume of recorded significant spills.</p> <p>b. The following additional information for each spill that was reported in the organization's financial statements:</p> <p>i. Location of spill;</p> <p>ii. Volume of spill;</p> <p>iii. Material of spill, categorized by: oil spills (soil or water surfaces), fuel spills (soil or water surfaces), spills of wastes (soil or water surfaces), spills of chemicals (mostly soil or water surfaces), and other (to be specified by the organization).</p> <p>c. Impacts of significant spills.</p>	Not applicable

Disclosure		Reference
306-4	<p>Transport of hazardous waste</p> <p>a. Total weight for each of the following:</p> <p>i. Hazardous waste transported</p> <p>ii. Hazardous waste imported</p> <p>iii. Hazardous waste exported</p> <p>iv. Hazardous waste treated</p> <p>b. Percentage of hazardous waste shipped internationally.</p> <p>c. Standards, methodologies, and assumptions used.</p>	<p><input type="checkbox"/> Report2017 56P (Handling chemicals)</p> <p><input type="checkbox"/> Environmental Data 2017 8P (Management of chemical substances(PRTR))</p>
306-5	<p>Water bodies affected by water discharges and/or runoff</p> <p>a. Water bodies and related habitats that are significantly affected by water discharges and/or runoff, including information on:</p> <p>i. the size of the water body and related habitat;</p> <p>ii. whether the water body and related habitat is designated as a nationally or internationally protected area;</p> <p>iii. the biodiversity value, such as total number of protected species.</p>	—
<b>GRI 307 : Environmental Compliance 2016</b>		
307-1	<p>Non-compliance with environmental laws and regulations</p> <p>a. Significant fines and non-monetary sanctions for non-compliance with environmental laws and/or regulations in terms of:</p> <p>i. total monetary value of significant fines;</p> <p>ii. total number of non-monetary sanctions;</p> <p>iii. cases brought through dispute resolution mechanisms.</p> <p>b. If the organization has not identified any non-compliance with environmental laws and/or regulations, a brief statement of this fact is sufficient.</p>	<p>•Not applicable</p> <p><input type="checkbox"/> Report2017 27-28P (Materiality for the Kansai Electric Power Group) 58P (Promoting environmental Management)</p>
<b>GRI 308 : Supplier Environmental Assessment 2016</b>		
308-1	<p>New suppliers that were screened using environmental criteria</p> <p>a. Percentage of new suppliers that were screened using environmental criteria.</p>	—
308-2	<p>Negative environmental impacts in the supply chain and actions taken</p> <p>a. Number of suppliers assessed for environmental impacts.</p> <p>b. Number of suppliers identified as having significant actual and potential negative environmental impacts.</p> <p>c. Significant actual and potential negative environmental impacts identified in the supply chain.</p> <p>d. Percentage of suppliers identified as having significant actual and potential negative environmental impacts with which improvements were agreed upon as a result of assessment.</p> <p>e. Percentage of suppliers identified as having significant actual and potential negative environmental impacts with which relationships were terminated as a result of assessment, and why.</p>	<p><input type="checkbox"/> Report2017 54P (Fuel value chain)</p>
<b>Social</b>		
<b>GRI 401 : Employment 2016</b>		
401-1	<p>New employee hires and employee turnover</p> <p>a. Total number and rate of new employee hires during the reporting period, by age group, gender and region.</p> <p>b. Total number and rate of employee turnover during the reporting period, by age group,gender and region.</p>	<p>(Recruitment plan for FY2018) 320 in total</p> <p><input type="checkbox"/> Web Recruitment plan for FY2018 &lt;Japanese&gt; <a href="http://www.kepco.co.jp/corporate/pr/2017/0329_1j.html">http://www.kepco.co.jp/corporate/pr/2017/0329_1j.html</a></p>
401-2	<p>Benefits provided to full-time employees that are not provided to temporary or part-time employees</p> <p>a. Benefits which are standard for full-time employees of the organization but are not provided to temporary or part-time employees, by significant locations of operation. These include,as a minimum:</p> <p>i. life insurance;</p> <p>ii. health care;</p> <p>iii. disability and invalidity coverage;</p> <p>iv. parental leave;</p> <p>v. retirement provision;</p> <p>vi. stock ownership;</p> <p>vii. others.</p> <p>b. The definition used for 'significant locations of operation'.</p>	—

Disclosure		Reference
401-3	<p>Parental leave</p> <p>a. Total number of employees that were entitled to parental leave, by gender.</p> <p>b. Total number of employees that took parental leave, by gender.</p> <p>c. Total number of employees that returned to work in the reporting period after parental leave ended, by gender.</p> <p>d. Total number of employees that returned to work after parental leave ended that were still employed 12 months after their return to work, by gender.</p> <p>e. Return to work and retention rates of employees that took parental leave, by gender.</p>	<p>□ Report2017</p> <p>64P (Unified promotion of workstyle innovation, health and productivity management)</p> <p>65P (Diversity promotion)</p>
<b>GRI 402 : Labor/Management Relations 2016</b>		
402-1	<p>Minimum notice periods regarding operational changes</p> <p>a. Minimum number of weeks' notice typically provided to employees and their representatives prior to the implementation of significant operational changes that could substantially affect them.</p> <p>b. For organizations with collective bargaining agreements, report whether the notice period and provisions for consultation and negotiation are specified in collective agreements.</p>	—
<b>GRI 403 : Occupational Health and Safety 2016</b>		
403-1	<p>Workers representation in formal joint management-worker health and safety committees</p> <p>a. The level at which each formal joint management-worker health and safety committee typically operates within the organization.</p> <p>b. Percentage of workers whose work, or workplace, is controlled by the organization, that are represented by formal joint management-worker health and safety committees.</p>	<p>□ Report2017</p> <p>64P (Sustaining stable labor - management relations)</p>
403-2	<p>Types of injury and rates of injury, occupational diseases, lost days, and absenteeism, and number of work-related fatalities</p> <p>a. Types of injury, injury rate (IR), occupational disease rate (ODR), lost day rate (LDR), absentee rate (AR), and work-related fatalities, for all employees, with a breakdown by:</p> <p>i. region;</p> <p>ii. gender.</p> <p>b. Types of injury, injury rate (IR), and work-related fatalities, for all workers (excluding employees) whose work, or workplace, is controlled by the organization, with a breakdown by:</p> <p>i. region;</p> <p>ii. gender.</p> <p>c. The system of rules applied in recording and reporting accident statistics.</p>	<p>□ Report2017</p> <p>12P (Nonfinancial Highlights)</p> <p>27-28P (Materiality for the Kansai Electric Power Group)</p> <p>67P (Safety and health efforts)</p>
403-3	<p>Workers with high incidence or high risk of diseases related to their occupation</p> <p>a. Whether there are workers whose work, or workplace, is controlled by the organization, involved in occupational activities who have a high incidence or high risk of specific diseases.</p>	—
403-4	<p>Health and safety topics covered in formal agreements with trade unions</p> <p>a. Whether formal agreements (either local or global) with trade unions cover health and safety.</p> <p>b. If so, the extent, as a percentage, to which various health and safety topics are covered by these agreements.</p>	<p>□ Report2017</p> <p>67P (Safety and health efforts)</p>
<b>GRI 404 : Training and Education 2016</b>		
404-1	<p>Average hours of training per year per employee</p> <p>a. Average hours of training that the organization's employees have undertaken during the reporting period, by:</p> <p>i. gender;</p> <p>ii. employee category.</p>	<p>□ Report2017</p> <p>27-28P (Materiality for the Kansai Electric Power Group)</p> <p>66P (Cultivation measures for "human capital" innovation)</p>



Disclosure		Reference
404-2	<p>Programs for upgrading employee skills and transition assistance programs</p> <p>a. Type and scope of programs implemented and assistance provided to upgrade employee skills.</p> <p>b. Transition assistance programs provided to facilitate continued employability and the management of career endings resulting from retirement or termination of employment.</p>	<p>□ Report2017</p> <p>64P (Unified promotion of workstyle innovation, health and productivity management)</p> <p>65P (Diversity promotion)</p> <p>66P (Cultivation measures for "human capital" innovation)</p>
404-3	<p>Percentage of employees receiving regular performance and career development reviews</p> <p>a. Percentage of total employees by gender and by employee category who received a regular performance and career development review during the reporting period.</p>	—
<b>GRI 405 : Diversity and Equal Opportunity 2016</b>		
405-1	<p>Diversity of governance bodies and employees</p> <p>a. Percentage of individuals within the organization's governance bodies in each of the following diversity categories:</p> <p>i. Gender;</p> <p>ii. Age group: under 30 years old, 30-50 years old, over 50 years old;</p> <p>iii. Other indicators of diversity where relevant (such as minority or vulnerable groups).</p> <p>b. Percentage of employees per employee category in each of the following diversity categories:</p> <p>i. Gender;</p> <p>ii. Age group: under 30 years old, 30-50 years old, over 50 years old;</p> <p>iii. Other indicators of diversity where relevant (such as minority or vulnerable groups).</p>	<p>□ Report2017</p> <p>12P (Nonfinancial Highlights)</p> <p>27-28P (Materiality for the Kansai Electric Power Group)</p> <p>65P (Diversity promotion)</p> <p>75P (Corporate Governance)</p> <p>77P (Directors and Auditors)</p>
405-2	<p>Ratio of basic salary and remuneration of women to men</p> <p>a. Ratio of the basic salary and remuneration of women to men for each employee category, by significant locations of operation.</p> <p>b. The definition used for 'significant locations of operation'.</p>	There is no difference of the salary system between men and women.
<b>GRI 406 : Non-discrimination 2016</b>		
406-1	<p>Incidents of discrimination and corrective actions taken</p> <p>a. Total number of incidents of discrimination during the reporting period.</p> <p>b. Status of the incidents and actions taken with reference to the following:</p> <p>i. Incident reviewed by the organization;</p> <p>ii. Remediation plans being implemented;</p> <p>iii. Remediation plans that have been implemented, with results reviewed through routine internal management review processes;</p> <p>iv. Incident no longer subject to action.</p>	—
<b>GRI 407 : Freedom of Association and Collective Bargaining 2016</b>		
407-1	<p>Operations and suppliers in which the right to freedom of association and collective bargaining may be at risk</p> <p>a. Operations and suppliers in which workers' rights to exercise freedom of association or collective bargaining may be violated or at significant risk either in terms of:</p> <p>i. type of operation (such as manufacturing plant) and supplier;</p> <p>ii. countries or geographic areas with operations and suppliers considered at risk.</p> <p>b. Measures taken by the organization in the reporting period intended to support rights to exercise freedom of association and collective bargaining.</p>	—

Disclosure		Reference
<b>GRI 408: Child Labor 2016</b>		
408-1	<p>Operations and suppliers at significant risk for incidents of child labor</p> <p>a. Operations and suppliers considered to have significant risk for incidents of:</p> <ol style="list-style-type: none"> <li>child labor;</li> <li>young workers exposed to hazardous work.</li> </ol> <p>b. Operations and suppliers considered to have significant risk for incidents of child labor either in terms of:</p> <ol style="list-style-type: none"> <li>type of operation (such as manufacturing plant) and supplier;</li> <li>countries or geographic areas with operations and suppliers considered at risk.</li> </ol> <p>c. Measures taken by the organization in the reporting period intended to contribute to the effective abolition of child labor.</p>	<p><input type="checkbox"/> Report2017 3-4P (Actively Expanding Our International Business Fields and Regions) 32P (CSR Procurement Policy) 54P (Overseas activities)</p> <p><input type="checkbox"/> Web (Basic Philosophy of Procurement Activities) <a href="http://www.kepco.co.jp/english/corporate/info/procurement/principle/index.html">http://www.kepco.co.jp/english/corporate/info/procurement/principle/index.html</a></p>
<b>GRI 409: Forced or Compulsory Labor 2016</b>		
409-1	<p>Operations and suppliers at significant risk for incidents of forced or compulsory labor</p> <p>a. Operations and suppliers considered to have significant risk for incidents of forced or compulsory labor either in terms of:</p> <ol style="list-style-type: none"> <li>type of operation (such as manufacturing plant) and supplier;</li> <li>countries or geographic areas with operations and suppliers considered at risk.</li> </ol> <p>b. Measures taken by the organization in the reporting period intended to contribute to the elimination of all forms of forced or compulsory labor.</p>	<p><input type="checkbox"/> Report2017 3-4P (Actively Expanding Our International Business Fields and Regions) 32P (CSR Procurement Policy) 54P (Overseas activities)</p> <p><input type="checkbox"/> Web (Basic Philosophy of Procurement Activities) <a href="http://www.kepco.co.jp/english/corporate/info/procurement/principle/index.html">http://www.kepco.co.jp/english/corporate/info/procurement/principle/index.html</a></p>
<b>GRI 410: Security Practices 2016</b>		
410-1	<p>Security personnel trained in human rights policies or procedures</p> <p>a. Percentage of security personnel who have received formal training in the organization's human rights policies or specific procedures and their application to security.</p> <p>b. Whether training requirements also apply to third-party organizations providing security personnel.</p>	
<b>GRI 411: Rights of Indigenous Peoples 2016</b>		
411-1	<p>Incidents of violations involving rights of indigenous peoples</p> <p>a. Total number of identified incidents of violations involving the rights of indigenous peoples during the reporting period.</p> <p>b. Status of the incidents and actions taken with reference to the following:</p> <ol style="list-style-type: none"> <li>Incident reviewed by the organization;</li> <li>Remediation plans being implemented;</li> <li>Remediation plans that have been implemented, with results reviewed through routine internal management review processes;</li> <li>Incident no longer subject to action.</li> </ol>	<p><input type="checkbox"/> Report2017 3-4P (Actively Expanding Our International Business Fields and Regions) 54P (Overseas activities)</p> <p><input type="checkbox"/> Web (Laos Nam Ngiep 1 Hydro Project) <a href="http://www.kepco.co.jp/english/corporate/info/international/generate/laos.html">http://www.kepco.co.jp/english/corporate/info/international/generate/laos.html</a></p>
<b>GRI 412: Human Rights Assessment 2016</b>		
412-1	<p>Operations that have been subject to human rights reviews or impact assessments</p> <p>a. Total number and percentage of operations that have been subject to human rights reviews or human rights impact assessments, by country.</p>	
412-2	<p>Employee training on human rights policies or procedures</p> <p>a. Total number of hours in the reporting period devoted to training on human rights policies or procedures concerning aspects of human rights that are relevant to operations.</p> <p>b. Percentage of employees trained during the reporting period in human rights policies or procedures concerning aspects of human rights that are relevant to operations.</p>	<p><input type="checkbox"/> Report2017 63P (Respect for human rights)</p>
412-3	<p>Significant investment agreements and contracts that include human rights clauses or that underwent human rights screening</p> <p>a. Total number and percentage of significant investment agreements and contracts that include human rights clauses or that underwent human rights screening.</p> <p>b. The definition used for 'significant investment agreements'.</p>	

Disclosure		Reference
<b>GRI 413: Local Communities 2016</b>		
413-1	<p>Operations with local community engagement, impact assessments, and development programs</p> <p>a. Percentage of operations with implemented local community engagement, impact assessments, and/or development programs, including the use of:</p> <p>i. social impact assessments, including gender impact assessments, based on participatory processes;</p> <p>ii. environmental impact assessments and ongoing monitoring;</p> <p>iii. public disclosure of results of environmental and social impact assessments;</p> <p>iv. local community development programs based on local communities' needs;</p> <p>v. stakeholder engagement plans based on stakeholder mapping;</p> <p>vi. broad based local community consultation committees and processes that include vulnerable groups;</p> <p>vii. works councils, occupational health and safety committees and other worker representation bodies to deal with impacts;</p> <p>viii. formal local community grievance processes.</p>	<p>□ Report2017</p> <p>27-28P (Materiality for the Kansai Electric Power Group)</p> <p>34P (Our Relationship with Stakeholders)</p> <p>54P (Overseas activities)</p> <p>56-59P (Promotion of community environmental protection measures, Promoting environmental management and environmental communication)</p> <p>60-62P (Proactive Contributions to Development of Local Communities)</p> <p>68-70P (Highly Transparent and Open Business Activities)</p>
413-2	<p>Operations with significant actual and potential negative impacts on local communities</p> <p>a. Operations with significant actual and potential negative impacts on local communities, including:</p> <p>i. the location of the operations;</p> <p>ii. the significant actual and potential negative impacts of operations.</p>	
<b>GRI 414: Supplier Social Assessment 2016</b>		
414-1	<p>New suppliers that were screened using social criteria</p> <p>a. Percentage of new suppliers that were screened using social criteria.</p>	
414-2	<p>Negative social impacts in the supply chain and actions taken</p> <p>a. Number of suppliers assessed for social impacts.</p> <p>b. Number of suppliers identified as having significant actual and potential negative social impacts.</p> <p>c. Significant actual and potential negative social impacts identified in the supply chain.</p> <p>d. Percentage of suppliers identified as having significant actual and potential negative social impacts with which improvements were agreed upon as a result of assessment.</p> <p>e. Percentage of suppliers identified as having significant actual and potential negative social impacts with which relationships were terminated as a result of assessment, and why.</p>	
<b>GRI 415: Public Policy 2016</b>		
415-1	<p>Political contributions</p> <p>a. Total monetary value of financial and in-kind political contributions made directly and indirectly by the organization by country and recipient/beneficiary.</p> <p>b. If applicable, how the monetary value of in-kind contributions was estimated.</p>	
<b>GRI 416: Customer Health and Safety 2016</b>		
416-1	<p>Assessment of the health and safety impacts of product and service categories</p> <p>a. Percentage of significant product and service categories for which health and safety impacts are assessed for improvement.</p>	

Disclosure		Reference
416-2	<p>Incidents of non-compliance concerning the health and safety impacts of products and services</p> <p>a. Total number of incidents of non-compliance with regulations and/or voluntary codes concerning the health and safety impacts of products and services within the reporting period, by:</p> <ul style="list-style-type: none"> <li>i. incidents of non-compliance with regulations resulting in a fine or penalty;</li> <li>ii. incidents of non-compliance with regulations resulting in a warning;</li> <li>iii. incidents of non-compliance with voluntary codes.</li> </ul> <p>b. If the organization has not identified any non-compliance with regulations and/or voluntary codes, a brief statement of this fact is sufficient.</p>	Not applicable
<b>GRI 417: Marketing and Labeling 2016</b>		
<b>GRI 103 : Management Approach 2016</b>		
	<p>103-1:Explanation of the material topic and its Boundary</p> <p>103-2:The management approach and its components</p> <p>103-3:Evaluation of the management approach</p>	<p><input type="checkbox"/> Report2017</p> <p>7P (Editorial Policies)</p> <p>27-28P (Materiality for the Kansai Electric Power Group)</p> <p>33P (CSR Promotion System)</p> <p>34P (Our Relationship with Stakeholders)</p>
417-1	<p>Requirements for product and service information and labeling</p> <p>a. Whether each of the following types of information is required by the organization's procedures for product and service information and labeling:</p> <ul style="list-style-type: none"> <li>i. The sourcing of components of the product or service;</li> <li>ii. Content, particularly with regard to substances that might produce an environmental or social impact;</li> <li>iii. Safe use of the product or service;</li> <li>iv. Disposal of the product and environmental or social impacts;</li> <li>v. Other (explain).</li> </ul> <p>b. Percentage of significant product or service categories covered by and assessed for compliance with such procedures.</p>	<p>a.</p> <p><input type="checkbox"/> Report2017</p> <p>9-10P (Energy Value Chains)</p> <p>27-28P (Materiality for the Kansai Electric Power Group)</p> <p>36-45P (Safe and Stable Delivery of Products and Services As Chosen by Customers)</p> <p>47-48P (Status overview of our business activities and environmental load, Eco Action)</p> <p>b.</p> <p>100%</p>
417-2	<p>Incidents of non-compliance concerning product and service information and labeling</p> <p>a. Total number of incidents of non-compliance with regulations and/or voluntary codes concerning product and service information and labeling, by:</p> <ul style="list-style-type: none"> <li>i. incidents of non-compliance with regulations resulting in a fine or penalty;</li> <li>ii. incidents of non-compliance with regulations resulting in a warning;</li> <li>iii. incidents of non-compliance with voluntary codes.</li> </ul> <p>b. If the organization has not identified any non-compliance with regulations and/or voluntary codes, a brief statement of this fact is sufficient.</p>	—
417-3	<p>Incidents of non-compliance concerning marketing communications</p> <p>a. Total number of incidents of non-compliance with regulations and/or voluntary codes concerning marketing communications, including advertising, promotion, and sponsorship, by:</p> <ul style="list-style-type: none"> <li>i. incidents of non-compliance with regulations resulting in a fine or penalty;</li> <li>ii. incidents of non-compliance with regulations resulting in a warning;</li> <li>iii. incidents of non-compliance with voluntary codes.</li> </ul> <p>b. If the organization has not identified any non-compliance with regulations and/or voluntary codes, a brief statement of this fact is sufficient.</p>	Not applicable

Disclosure		Reference
<b>GRI 418: Customer Privacy 2016</b>		
<b>GRI 103 : Management Approach 2016</b>		
	103-1:Explanation of the material topic and its Boundary 103-2:The management approach and its components 103-3:Evaluation of the management approach	<input type="checkbox"/> Report2017 7P (Editorial Policies) 27-28P (Materiality for the Kansai Electric Power Group) 34P (Our Relationship with Stakeholders) 73P (Information security initiatives)
418-1	Substantiated complaints concerning breaches of customer privacy and losses of customer data  a. Total number of substantiated complaints received concerning breaches of customer privacy, categorized by: i. complaints received from outside parties and substantiated by the organization; ii. complaints from regulatory bodies. b. Total number of identified leaks, thefts, or losses of customer data. c. If the organization has not identified any substantiated complaints, a brief statement of this fact is sufficient.	a. 0 b. 0  <input type="checkbox"/> Report2017 27-28P (Materiality for the Kansai Electric Power Group) 73P (Information security initiatives)
<b>GRI 419: Socioeconomic Compliance 2016</b>		
<b>GRI 103 : Management Approach 2016</b>		
	103-1:Explanation of the material topic and its Boundary 103-2:The management approach and its components 103-3:Evaluation of the management approach	<input type="checkbox"/> Report2017 7P (Editorial Policies) 27-28P (Materiality for the Kansai Electric Power Group) 34P (Our Relationship with Stakeholders) 71-72P (Strict Enforcement of Compliance)
419-1	Non-compliance with laws and regulations in the social and economic area  a. Significant fines and non-monetary sanctions for non-compliance with laws and/or regulations in the social and economic area in terms of: i. total monetary value of significant fines; ii. total number of non-monetary sanctions; iii. cases brought through dispute resolution mechanisms. b. If the organization has not identified any non-compliance with laws and/or regulations, a brief statement of this fact is sufficient. c. The context against which significant fines and non-monetary sanctions were incurred.	a. 2  <input type="checkbox"/> Report2017 27-28P (Materiality for the Kansai Electric Power Group) 64P (Unified promotion of workstyle innovation, health and productivity management) 71-72P (Strict Enforcement of Compliance)

## G4 Sector Disclosures <Electric Utilities>

### General Standard Disclosures for the Electric Utility Sector

Disclosure		Reference
<b>1. Organization profile</b>		
EU1	Installed capacity,broken down by primary energy source and by regulatory regime	<input type="checkbox"/> Report2017 9-10P (Energy Value Chains) 117-118P (Five-Year Summary of Selected Operational Data)  <input type="checkbox"/> Annual Securities Report <Japanese> 22-25P
EU2	Net energy output broken down by primary energy source and by regulatory regime	<input type="checkbox"/> Report2017 9-10P (Energy Value Chains) 117-118P (Five-Year Summary of Selected Operational Data)  <input type="checkbox"/> Annual Securities Report <Japanese> 13P
EU3	Number of residential,industrial,institutional and commercial customer accounts	<input type="checkbox"/> Report2017 9-10P (Energy Value Chains)  <input type="checkbox"/> Annual Securities Report <Japanese> 13P

Disclosure		Reference
EU4	Length of above and underground transmission and distribution lines by regulatory regime	<input type="checkbox"/> Report2017 9-10P (Energy Value Chains) <input type="checkbox"/> Annual Securities Report <Japanese> 22-25P
EU5	Allocation of CO2e emissions allowances or equivalent, broken down by carbon trading framework	<input type="checkbox"/> Report2017 49P (Initiatives contributing to the emergence of a low-carbon society)

### Specific Standard Disclosures for the Electric Utility Sector

Disclosure		Reference
<b>Economic</b>		
<b>Availability and Reliability</b>		
G4-DMA	Management approach to ensure short and long-term electricity availability and reliability	<input type="checkbox"/> Report2017 9-10P (Energy Value Chains) 14P (The Kansai Electric Power Group Has a Solid Sense of Values) 17-18P (Kansai Electric Power Group Value Creation Process) 19-26P (Kansai Electric Power Group Medium-term Management Plan) 27-28P (Materiality for the Kansai Electric Power Group) 29-30P (Toward the restart of nuclear power plant operation) 31P (Preparing for operation beyond 40 years) 40-41P (Maintaining power supplies with the same safety and stability after the full liberalization of the retail electricity market) 117-118P (Five-Year Summary of Selected Operational Data)
EU10	Planned capacity against projected electricity demand over the long term, broken down by energy source and regulatory regime	<input type="checkbox"/> Report2017 9-10P (Energy Value Chains) 117-118P (Five-Year Summary of Selected Operational Data) <input type="checkbox"/> Web (Corporate Philosophy) <a href="http://www.kepc.co.jp/english/corporate/info/policy/index.html">http://www.kepc.co.jp/english/corporate/info/policy/index.html</a> <input type="checkbox"/> Annual Securities Report <Japanese> 21-26P
<b>Demand-Side Management</b>		
G4-DMA	Demand-side management programs including residential, commercial, institutional and industrial programs	<input type="checkbox"/> Report2017 12P (Nonfinancial Highlights) 27-28P (Materiality for the Kansai Electric Power Group) 43-45P (Providing services as a consolidated group) 52P (Contribute to energy conservation, cost reductions and CO2 reductions by customers and society) 53P (Technological developments for constructing the Smart Grid)
<b>Research and Development</b>		
G4-DMA	Research and development activity and expenditure aimed at providing reliable electricity and promoting sustainable development	<input type="checkbox"/> Report2017 51P (Technical development efforts) 53P (Technological developments for constructing the Smart Grid) <input type="checkbox"/> Annual Securities Report <Japanese> 18P

Disclosure		Reference
<b>Plant Decommissioning</b>		
G4-DMA	Provisions for decommissioning of nuclear power sites	<input type="checkbox"/> Report2017 27-28P (Materiality for the Kansai Electric Power Group) 31P (Steady decommissioning of Mihama Nuclear Power Station Units 1&2)  <input type="checkbox"/> Web (Decommissioning Mihama Units 1 & 2 with a Priority on Safety) <a href="http://www.kepco.co.jp/english/nuclear_power/pdf/mihama1_2.pdf">http://www.kepco.co.jp/english/nuclear_power/pdf/mihama1_2.pdf</a>
<b>System Efficiency</b>		
EU11	Average generation efficiency of thermal plants by energy source and by regulatory regime	<input type="checkbox"/> Report2017 27-28P (Materiality for the Kansai Electric Power Group) 47P (Status overview of our business activities and environmental load :Thermal efficiency) 48P (Eco Action) 50P (Maintain and improve thermal efficiency and implement fuel conversion at our thermal power plants) 117-118P (Five-Year Summary of Selected Operational Data:Thermal Efficiency of Thermal Power Plants)
EU12	Transmission and distribution losses as a percentage of total energy	<input type="checkbox"/> Report2017 27-28P (Materiality for the Kansai Electric Power Group) 47P (Status overview of our business activities and environmental load : Transmission and distribution losses)  <input type="checkbox"/> Web Fact Book 2017 <a href="http://www.kepco.co.jp/corporate/report/factbook/2017/pdf/factbk17.pdf">http://www.kepco.co.jp/corporate/report/factbook/2017/pdf/factbk17.pdf</a> 32P (Transmission and Distribution Loss Rate)  <input type="checkbox"/> Environmental Data 2017 5P-6P (Initiatives contributing to the realization of a low-carbon society)
<b>Environmental</b>		
<b>Materials</b>		
G4-DMA	Describe long-term strategy for managing and phasing out high level and low level in-service PCBs.	<input type="checkbox"/> Report2017 46P (Kansai Electric Power Group Environmental Action Plan: Initiatives contributing to the emergence of a society committed to recycling) 48P (Eco Action: Proper processing of PCB wastes) 55P (Polychlorinated biphenyl(PCB) waste processing)  <input type="checkbox"/> Environmental Data 2017 6P (Initiatives contributing to the realization of a recycling-oriented society)
G4-EN1	Materials used by weight or volume  <Additional disclosure requirements> Report in-use inventory of solid and liquid high level and low level PCBs contained in equipment.	<input type="checkbox"/> Report2017 46P (Kansai Electric Power Group Environmental Action Plan: Initiatives contributing to the emergence of a society committed to recycling) 48P (Eco Action: Proper processing of PCB wastes) 55P (Polychlorinated biphenyl(PCB) waste processing)  <input type="checkbox"/> Environmental Data 2017 6P (Initiatives contributing to the realization of a recycling-oriented society)
<b>Water</b>		
G4-DMA	At the watershed or hydrological basin level, include collaborative approaches to managing watersheds and reservoirs for multiple uses (e.g., irrigation, drinking water,ecosystem conservation, etc.). Also report long-term planning for securing waterresources, for meeting the needs of both the utility and other stakeholders (e.g. localcommunities). This includes describing the criteria for managing maximum/minimum flow of surface water and volume of ground water and how these are determined andmaintained.	<input type="checkbox"/> Web (Environmental initiatives of hydroelectric power generation) <Japanese> <a href="http://www.kepco.co.jp/energy_supply/energy/newenergy/water/environment/index.html">http://www.kepco.co.jp/energy_supply/energy/newenergy/water/environment/index.html</a>
G4-EN8	Total water withdrawal by source  <Additional disclosure requirements> Report overall water usage for processing, cooling and consumption in thermal and nuclear power plants, including use of water in ash handling and coal cleaning.	<input type="checkbox"/> Report2017 47P (Status overview of our business activities and environmental load·Released into water areas)  <input type="checkbox"/> Environmental Data 2017 7P (Promotion of environmental protection in local communities)

Disclosure		Reference
<b>Biodiversity</b>		
G4-DMA	Describe the organization's strategy for achieving its policy on biodiversity management.	<input type="checkbox"/> Report2017 46P (Kansai Electric Power Group Environmental Action Plan) 57P (Conservation of biodiversity)
G4-EN12	Description of significant impacts of activities, products, and services on biodiversity in protected areas and areas of high biodiversity value outside protected areas.  <Additional disclosure requirements> Report the nature of significant direct and indirect impacts on biodiversity with reference to one or more of the following: •Maintenance of transmission line corridors •Fragmentation and isolation (islandization) •Impacts of thermal discharge	<input type="checkbox"/> Report2017 57P (Conservation of biodiversity)  <input type="checkbox"/> PDF 11P-13P (Conservation of biodiversity)
G4-EU13	Biodiversity of offset habitats compared to the biodiversity of the affected areas	
<b>Emissions</b>		
G4-EN15	Direct greenhouse gas (GHG) emissions (Scope 1)  <Additional disclosure requirements> Report CO2e per MWh, broken down by regulatory regime, for: •Net generation from all generating capacity; •Net generation from all fossil fuel generation; and Estimated net delivery to end users. This includes emissions from own generation.	<input type="checkbox"/> Report2017 47P (Status overview of our business activities and environmental load : office activities) 49P (Initiatives contributing to the emergence of a low-carbon society)  <input type="checkbox"/> Environmental Data 2017 10P-11P(Data related to materiality)
G4-EN16	Energy indirect greenhouse gas (GHG) emissions (Scope 2)  <Additional disclosure requirements> Report CO2e per MWh, broken down by regulatory regime, for: •Estimated net delivery to end users. This includes emissions from purchased power.	<input type="checkbox"/> Environmental Data 2017 10P-11P(Data related to materiality)
G4-EN21	NOx, SOx, and Other Significant Air Emissions  <Additional disclosure requirements> Report emissions per MWh for: •Net generation from all generating capacity; •Net generation from all combustion power plants;	<input type="checkbox"/> Report2017 27-28P (Materiality for the Kansai Electric Power Group) 47P (Status overview of our business activities and environmental load : Released into atmosphere) 48P (Eco Action: Maintaining sulfur oxide(SOx) and nitrogen oxide(NOx) emission levels proportional to the volume of power generated ) 56P (Air pollution prevention measures: SOx•NOx )  <input type="checkbox"/> Environmental Data 2017 10P-11P(Data related to materiality)
<b>Effluents and Waste</b>		
G4-DMA	Describe the management strategy and storage methods for different types of radioactive nuclear waste.	<input type="checkbox"/> Web (About radioactive wastes) <Japanese>  <a href="http://www.kepc.co.jp/energy_supply/energy/nuclear_power/info/knic/library/index_data.html">http://www.kepc.co.jp/energy_supply/energy/nuclear_power/info/knic/library/index_data.html</a>  <a href="http://www.kepc.co.jp/corporate/energy/nuclear_power/shikumi/haikibutsu.html">http://www.kepc.co.jp/corporate/energy/nuclear_power/shikumi/haikibutsu.html</a>  <input type="checkbox"/> Environmental Data 2017 9P (Radioactive substances, radioactive waste)



Disclosure		Reference
G4-EN22	<p>Total water discharge by quality and destination</p> <p>&lt;Additional disclosure requirements&gt; Include thermal discharges as part of the total volume of planned and unplanned water discharges.</p>	<p>□ Report2017 47P (Status overview of our business activities and environmental load : Water for power generation, Released into water areas)</p>
G4-EN23	<p>Total weight of waste by type and disposal method</p> <p>&lt;Additional disclosure requirements&gt; Include PCB waste as part of the total weight of hazardous and non-hazardous waste.            ・Report on nuclear waste using IAEA definitions and protocols.            ・Report mass and activity of spent nuclear fuel sent for processing and reprocessing per year. In addition, report radioactive waste produced per net MWh nuclear generation per year.            ・Report (in terms of mass and activity) low/ intermediate level waste and high level waste separately, based on IAEA radioactive waste classification. This should also include waste produced from reprocessing activities, where data is available.</p>	<p>□ Report2017 27-28P (Materiality for the Kansai Electric Power Group) 47P (Status overview of our business activities and environmental load :Wastes) 48P (Eco Action:PCB wastes) 55P (Polychlorinated biphenyl(PCB) waste processing)</p> <p>□ Environmental Data 2017 6P (Initiatives contributing to the realization of a recycling-oriented society) 9P (Radioactive substances, radioactive waste)</p>
Social		
Employment		
G4-DMA	<p>Describe actions taken to determine and address situationswhere work undertaken within the organization's supply chain does not take place within appropriate institutional and legal frameworks.</p> <p>&lt;Additional Guidance&gt;            ・Programs and processes to ensure the availability of a skilled workforce            ・Policies and requirements regarding health and safety of employees and employees of contractors and subcontractors</p>	<p>□ Report2017 40P (Training the personnel who support safe and stable supply functions) 67P (Safety and health efforts)</p>
G4-LA1	<p>Total number and rates of new employee hires and employee turnover by age group, gender and region.</p> <p>&lt;Additional disclosure requirements&gt; For the employees leaving employment during the reporting period, provide the average length of tenure of employees leaving broken down by gender and age group.</p>	<p>(Recruitment plan for FY2018) 320 in total</p> <p>□ Web Recruitment plan for FY2018 &lt;Japanese&gt; <a href="http://www.kepco.co.jp/corporate/pr/2017/0329_1j.html">http://www.kepco.co.jp/corporate/pr/2017/0329_1j.html</a></p>
EU15	Percentage of employees eligible to retire in the next 5 and 10 years broken down by job category and by region	—
EU17	Days worked by contractor and subcontractor employees involved in construction,operation&maintenance activities	—
EU18	Percentage of contractor and subcontractor employees that have undergone relevant health and safety training	—
G4-LA6	<p>Type of injury and rates of injury, occupational diseases, lost days, and absenteeism, and total number of work-related fatalities, by region and by gender</p> <p>&lt;Additional disclosure requirements&gt; Report on health and safety performance of contractors and subcontractors working onsite or on behalf of the reporting organization off site.</p>	<p>□ Report2017 27-28P (Materiality for the Kansai Electric Power Group) 67P (Safety and health efforts)</p>

Disclosure		Reference
<b>Freedom of Association and Collective Bargaining</b>		
G4-DMA	Describe the policy or policies which may be considered likely to affect employees' decisions to join a trade union, or to bargain collectively.  <Additional disclosure requirements> Report on management mechanisms to address the right to organize, right to bargain and right to strike or instances of lock out, given the context of the industry's need to ensure continuous provision of essential services.	<input type="checkbox"/> Report2017 64P (Sustaining stable labor - management relations)
<b>Local Communities</b>		
G4-DMA	<ul style="list-style-type: none"> <li>•References and statements regarding the collective rights of local communities</li> <li>•How both women and men are engaged in local communities</li> <li>•How works councils, occupational health and safety committees or other independent employee representation bodies are empowered to deal with, and have dealt with, impacts on local communities</li> </ul> <Additional disclosure requirements> •Stakeholder participation in decision making processes related to energy planning and infrastructure development •Approach to managing the impacts of displacement	<input type="checkbox"/> Report2017 27-28P (Materiality for the Kansai Electric Power Group) 54P (Overseas activities) 60-62P (Maintaining an ongoing community dialogue, Undertaking "community building efforts" together with customers and society) 68P (Enhancing communication with stakeholders)
EU22	Number of people physically or economically displaced and compensation, broken down by type of project	<input type="checkbox"/> Report2017 3-4P (Actively Expanding Our International Business Fields and Regions) 54P (Overseas activities)  <input type="checkbox"/> Web (Laos Nam Ngiep 1 Hydro Project) <a href="http://www.kepco.co.jp/english/corporate/info/international/generate/laos.html">http://www.kepco.co.jp/english/corporate/info/international/generate/laos.html</a>
<b>Disaster/Emergency Planning and Response</b>		
G4-DMA	Contingency planning measures, disaster/emergency management plan and training programs, and recovery/restoration plans	<input type="checkbox"/> Report2017 22P (Active promotion of alliances among operators) 27-28P (Materiality for the Kansai Electric Power Group) 42P (Preparing for a natural disaster: Preparing for a major disaster)
<b>Customer Health and Safety</b>		
G4-DMA	Describe whether the health and safety impacts of products and services are assessed for improvement.  <Additional disclosure requirements> The following categories should also be assessed: <ul style="list-style-type: none"> <li>•Resource planning</li> <li>•Generation</li> <li>•Transmission</li> <li>•Distribution</li> <li>•Use</li> </ul> State the processes for assessing community health risks including monitoring, prevention measures.	<input type="checkbox"/> Web (Thermal Power Generation : Environmental Initiatives) <a href="http://www.kepco.co.jp/english/corporate/energy/thermal_power/environment/index.html">http://www.kepco.co.jp/english/corporate/energy/thermal_power/environment/index.html</a>
EU25	Number of injuries and fatalities to the public involving company assets including legal judgments, settlements and pending legal cases of diseases	<input type="checkbox"/> Report2017 9-10P (Energy Value Chains) 27-28P (Materiality for the Kansai Electric Power Group) 41P (Preventing electrical accidents)
<b>Access</b>		
G4-DMA	Programs, including those in partnership with government, to improve or maintain access to electricity and customer support services	<input type="checkbox"/> Report2017 43-45P (Providing services as a consolidated group) 52P (Contribute to energy conservation, cost reductions and CO2 reductions by customers and society)
EU26	Percentage of population unserved in licensed distribution or service areas	—
EU27	Number of residential disconnections for non-payment, broken down by duration of disconnection and by regulatory regime	—

Disclosure		Reference
EU28	Power outage frequency	<input type="checkbox"/> Report2017 40P (To provide high-quality electric power)
EU29	Average power outage duration	<input type="checkbox"/> Report2017 12P (Nonfinancial Highlights) 27-28P (Materiality for the Kansai Electric Power Group) 40-41P (Maintaining power supplies with the same safety and stability after the complete liberalization of the retail electricity sales)
EU30	Average plant availability factor by energy source and by regulatory regime	<input type="checkbox"/> Report2017 117-118P (Five-Year Summary of Selected Operational Data)
Provision of Information		
G4-DMA	Practices to address language, cultural, low literacy and disability related barriers to accessing and safely using electricity and customer support services	<input type="checkbox"/> Web (English Website URL) <a href="http://www.kepco.co.jp/english/">http://www.kepco.co.jp/english/</a>