



大阪ガスグループは、Daigasグループへ。

ファクトブック 2022

FACT BOOK



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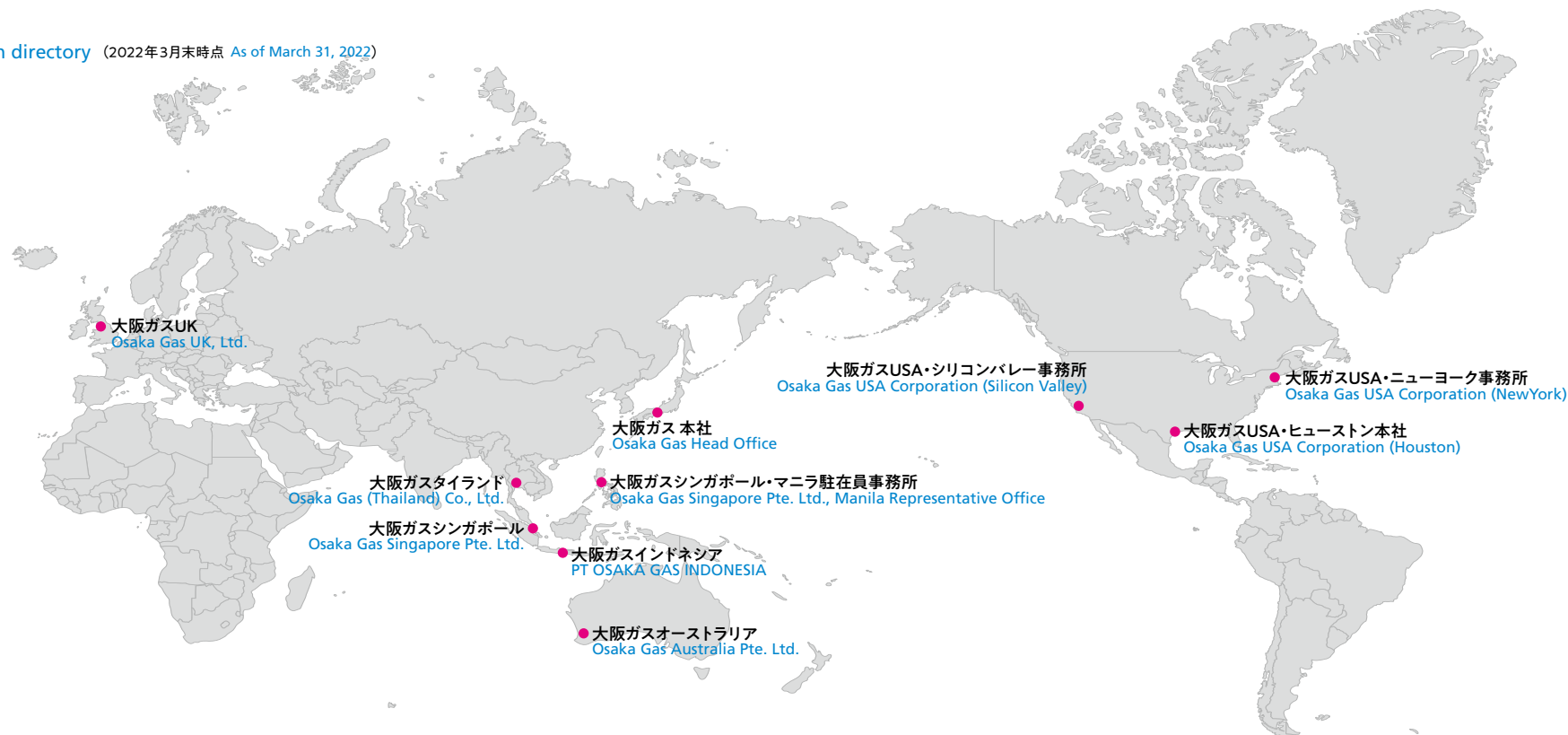
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Daigasグループ概要 Brief overview

1 会社概要 Outline of the Daigas Group (2022年3月末時点 As of March 31, 2022)

| | |
|--|--|
| 本社 Head Office | 大阪市中央区平野町四丁目1番2号 4-1-2 Hiranomachi, Chuo-ku, Osaka, Japan |
| 設立 Establishment | 1897年4月10日 April 10, 1897 |
| 事業開始 Commencement of operations | 1905年10月19日 October 19, 1905 |
| 資本金 Capital | 132,166百万円 132,166 million yen |
| 従業員数(連結) Number of employees (Consolidated) | 20,961 |
| 従業員数(個別) Number of employees (Non-consolidated) | 3,189 |
| 連結子会社数 Number of consolidated subsidiaries | 150 |
| 持分法適用会社数 Number of equity method affiliates | 30 |

2 主要拠点 Main directory (2022年3月末時点 As of March 31, 2022)



3 主な事業内容 Main Business Lines of the Daigas Group

| | |
|--|---|
| 国内エネルギー Domestic Energy | 都市ガスの製造・供給及び販売、ガス機器販売、ガス配管工事、LNG販売、LNG輸送、LPG販売、産業ガス販売、並びに発電及び電気の販売等 Production, supply and sale of city gas, sale of gas appliances, gas pipe installation, sale of LNG, LNG transport, sale of LPG, sale of industrial gas, power generation, and sale of electricity |
| 海外エネルギー International Energy | 天然ガス等に関する開発・投資、エネルギー供給等 Development and investment mainly related to natural gas, and energy supply |
| ライフ&ビジネスソリューション Life & Business Solutions | 不動産の開発及び賃貸、情報処理サービス、ファイン材料及び炭素材製品の販売等 Development and leasing of real estate properties, information-processing services, sale of fine materials and carbon material products |

4 セグメント別構成 Composition by segment (2022年3月期 FY2022.3)

| | 売上高 Net sales | 構成比 Composition ratio | セグメント利益*1 Segment profit ¹ | 構成比 Composition ratio | セグメント資産*2 Segment assets ² | 構成比 Composition ratio |
|--|------------------|--------------------------|--|--------------------------|--|--------------------------|
| 国内エネルギー Domestic Energy | 1,336,105 | 84.2% | 38,694 | 35.9% | 1,504,545 | 58.5% |
| 海外エネルギー International Energy | 80,779 | 5.1% | 44,330 | 41.1% | 677,097 | 26.3% |
| ライフ & ビジネスソリューション Life & Business Solutions | 237,086 | 14.9% | 23,516 | 21.8% | 438,178 | 17.1% |
| 消去等 Adjustments | -67,091 | -4.2% | 1,205 | 1.1% | -50,002 | -1.9% |
| 連結 Consolidated | 1,586,879 | 100.0% | 107,747 | 100.0% | 2,569,819 | 100.0% |

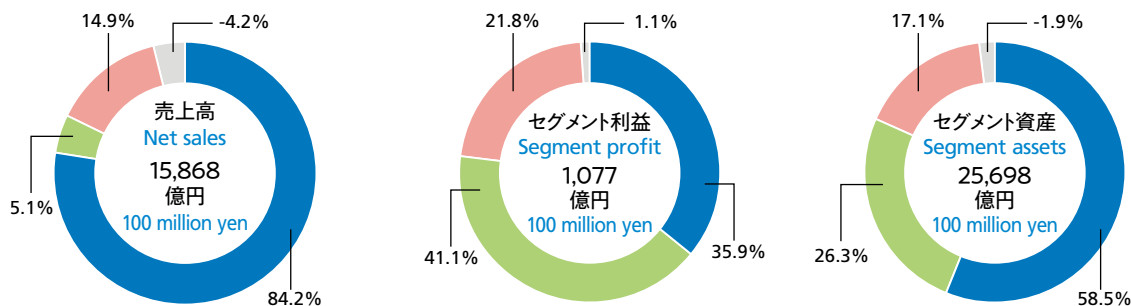
(百万円 million yen)

*1 営業利益 + 持分法投資損益

1 Operating profit + Share of profit / loss of entities accounted for using equity method

*2 2022年3月末時点

2 As of March 31, 2022



主要な経営数値 Key management figures

(百万円 million yen)

| 会計年度 FY | 13.3 | 14.3 | 15.3 | 16.3 | 17.3 | 18.3 | 19.3 | 20.3 | 21.3 | 22.3 |
|--|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| 売上高 Net sales | 1,380,060 | 1,512,581 | 1,528,164 | 1,322,012 | 1,183,846 | 1,296,238 | 1,371,863 | 1,368,689 | 1,364,106 | 1,586,879 |
| 営業利益 Operating profit | 84,773 | 99,381 | 105,065 | 146,674 | 97,250 | 78,118 | 67,977 | 83,792 | 112,491 | 94,905 |
| 経常利益 Ordinary profit | 90,125 | 106,044 | 108,173 | 134,986 | 96,276 | 77,087 | 63,103 | 86,018 | 127,752 | 110,464 |
| 親会社株主に帰属する当期純利益 Profit attributable to owners of parent | 52,467 | 41,725 | 76,709 | 84,324 | 61,271 | 37,724 | 33,601 | 41,788 | 80,857 | 128,256 |
| セグメント利益 Segment profit | 91,109 | 107,299 | 112,055 | 142,136 | 99,036 | 78,376 | 69,073 | 89,018 | 126,109 | 107,747 |
| EBITDA① | 173,927 | 191,105 | 199,840 | 228,883 | 188,403 | 167,100 | 159,916 | 180,943 | 227,554 | 216,649 |
| EBITDA② | 167,592 | 183,187 | 192,850 | 233,421 | 186,617 | 166,841 | 158,820 | 175,717 | 213,936 | 203,808 |
| 総資産 *1,2 Total assets *1,2 | 1,566,899 | 1,668,317 | 1,862,201 | 1,829,756 | 1,886,577 | 1,897,230 | 2,029,722 | 2,140,482 | 2,313,357 | 2,569,819 |
| 純資産 *1 Net assets *1 | 774,317 | 828,565 | 918,869 | 935,786 | 991,870 | 1,028,799 | 1,035,044 | 1,027,667 | 1,114,597 | 1,284,132 |
| 自己資本 *1 Shareholders' equity *1 | 747,802 | 798,964 | 888,496 | 906,623 | 961,905 | 999,569 | 1,004,340 | 997,492 | 1,081,881 | 1,259,660 |

*1 各3月末時点

1 As of March 31

*2 18年3月期実績は「税効果会計に係る会計基準」の一部改正を考慮して算定

2 FY18.3 results are calculated taking in account of "Partial Amendments to Accounting standard for Tax Effect Accounting".

定義 Definition

セグメント利益 = 営業利益 + 持分法投資損益

Segment profit = Operating profit + Share of profit (loss) of entities accounted for using equity method

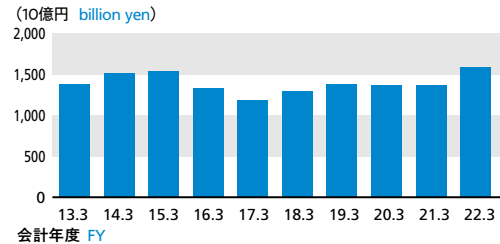
EBITDA① = 営業利益 + 減価償却費 + のれん償却費(びわ湖ブルーエナジー株ののれん一括償却除く) + 持分法投資損益

EBITDA① = Operating profit + Depreciation + Amortization of goodwill (BIVAKO BLUE ENERGY Co., Ltd.'s one-time amortization of goodwill is excluded) + Share of profit / loss of entities accounted for using equity method

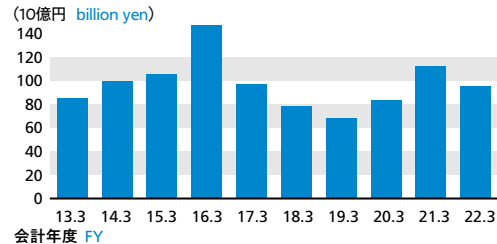
EBITDA② = EBITDA① - 持分法投資損益

EBITDA② = EBITDA① - Share of profit (loss) of entities accounted for using equity method

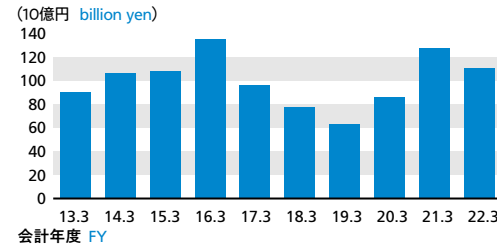
売上高 Net sales



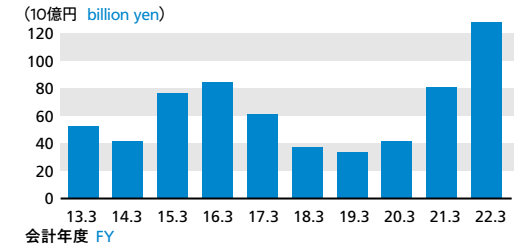
営業利益 Operating profit



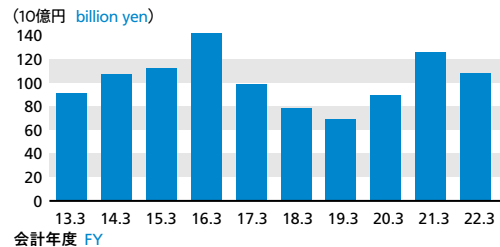
経常利益 Ordinary profit



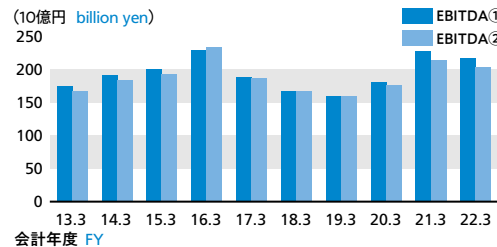
親会社株主に帰属する当期純利益 Profit attributable to owners of parent



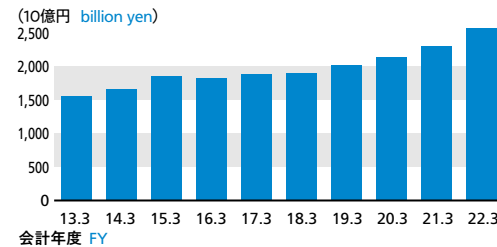
セグメント利益 Segment profit



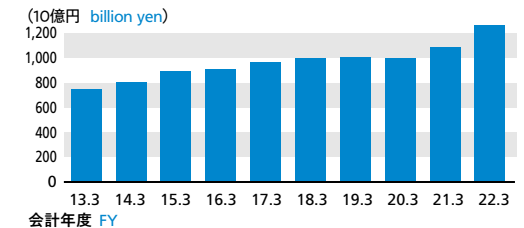
EBITDA



総資産 Total assets



自己資本 Shareholders' equity



(百万円 million yen)

| 会計年度 FY | 13.3 | 14.3 | 15.3 | 16.3 | 17.3 | 18.3 | 19.3 | 20.3 | 21.3 | 22.3 |
|--|----------|----------|----------|----------|----------|----------|----------|----------------------|----------------------|----------------------|
| 負債 *1,2 Liabilities 1,2 | 792,581 | 839,752 | 943,331 | 893,970 | 894,706 | 868,430 | 994,678 | 1,112,815 | 1,198,759 | 1,285,686 |
| 有利子負債 *1,3 Balance of interest-bearing debt 1,3 | 540,199 | 573,586 | 633,923 | 567,164 | 540,668 | 503,789 | 647,465 | 754,006 (100,000) | 785,383 (175,000) | 815,079 (175,000) |
| 営業活動によるキャッシュ・フロー Cash flows from operating activities | 129,597 | 154,225 | 156,908 | 281,819 | 148,801 | 168,731 | 65,116 | 182,892 | 219,797 | 145,350 |
| 投資活動によるキャッシュ・フロー Cash flows from investing activities | -116,791 | -175,591 | -110,704 | -144,198 | -137,527 | -110,456 | -204,192 | -232,266 | -198,354 | -152,163 |
| 財務活動によるキャッシュ・フロー Cash flows from financing activities | -27,897 | 4,163 | 22,892 | -90,716 | -50,530 | -51,591 | 85,262 | 79,272 | -1,636 | -30,479 |
| 現金及び現金同等物の期末残高 Cash and cash equivalents at end of period | 109,456 | 90,359 | 162,793 | 209,367 | 166,912 | 171,061 | 115,769 | 146,813 | 166,762 | 130,769 |
| 設備投資額 Capital expenditures | 112,987 | 124,146 | 119,398 | 114,418 | 88,657 | 81,716 | 107,259 | 131,010 | 189,454 | 189,317 |
| 投資額(設備投資額含む) Investment (including capital expenditures) | 130,282 | 183,936 | 137,175 | 153,902 | 134,046 | 115,494 | 210,164 | 225,896 | 221,383 | 209,261 |
| 品質向上投資 Investment for quality improvement | 44,507 | 41,082 | 44,698 | 56,051 | 48,253 | 42,191 | 44,205 | 57,498 | 68,873 | 67,931 |
| 成長投資 Investment for growth | 85,775 | 142,853 | 92,476 | 97,850 | 85,792 | 73,303 | 165,958 | 168,398 | 152,510 | 141,329 |
| フリーキャッシュフロー Free cash flow | 12,805 | -21,365 | 46,204 | 137,620 | 11,274 | 58,274 | -139,076 | -49,374 | 21,443 | -6,813 |
| 従業員数(人) *1 Number of employees (Number of persons) 1 | 19,870 | 21,250 | 20,982 | 20,844 | 20,762 | 19,997 | 20,224 | 20,543 | 20,941 | 20,961 |
| 連結子会社数(社) *1 Number of consolidated subsidiaries (Number of companies) 1 | 130 | 150 | 145 | 149 | 150 | 138 | 150 | 156 | 154 | 150 |
| 持分法適用関連会社数(社) *1 Number of equity method affiliates (Number of companies) 1 | 9 | 12 | 13 | 16 | 18 | 19 | 23 | 23 | 27 | 30 |

*1 各3月末時点

1 As of March 31

*2 18年3月期実績は「税効果会計に係る会計基準」の一部改正を考慮して算定

2 FY18.3 results are calculated taking in account of "Partial Amendments to Accounting standard for Tax Effect Accounting".

*3 ()は発行済ハイブリッド社債

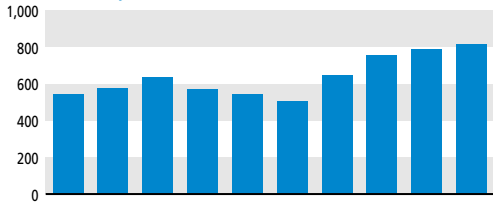
3 () Issued subordinated corporate bonds

定義 Definition

フリーキャッシュフロー = 営業活動によるキャッシュ・フロー + 投資活動によるキャッシュ・フロー
 Free cash flow = Cash flows from operating activities + Cash flows from investing activities

有利子負債 Balance of interest-bearing debt

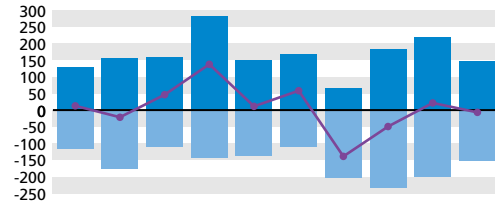
(10億円 billion yen)



会計年度 FY

キャッシュ・フロー Cash flows

(10億円 billion yen)

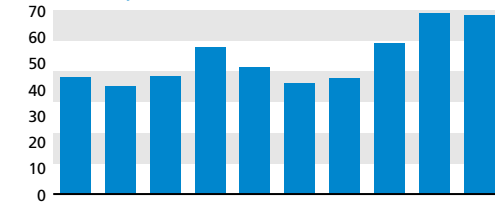


会計年度 FY

■ 営業活動によるキャッシュ・フロー Cash flows from operating activities
 ■ 投資活動によるキャッシュ・フロー Cash flows from investing activities
 ● フリーキャッシュフロー Free cash flow

品質向上投資 Investment for quality improvement

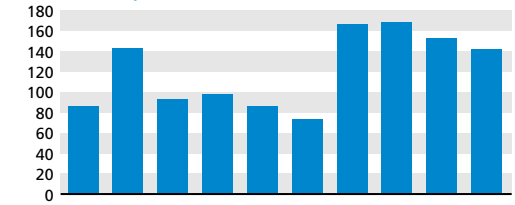
(10億円 billion yen)



会計年度 FY

成長投資 Investment for growth

(10億円 billion yen)



会計年度 FY

経営指標 Management indices

| | | 会計年度 FY | | | | | | | | | | |
|------------------------------|---|------------|------|------|-------|------|------|------|------|------|-------|--|
| | | 13.3 | 14.3 | 15.3 | 16.3 | 17.3 | 18.3 | 19.3 | 20.3 | 21.3 | 22.3 | |
| 収益性 Profitability indices | 売上高営業利益率 (%) Operating profit / Net sales ratio (%) | 6.1% | 6.6% | 6.9% | 11.1% | 8.2% | 6.0% | 5.0% | 6.1% | 8.2% | 6.0% | |
| | 売上高経常利益率 (%) Ordinary profit / Net sales ratio (%) | 6.5% | 7.0% | 7.1% | 10.2% | 8.1% | 5.9% | 4.6% | 6.3% | 9.4% | 7.0% | |
| | 売上高当期純利益率 (%) Profit / Net sales ratio (%) | 3.8% | 2.8% | 5.0% | 6.4% | 5.2% | 2.9% | 2.4% | 3.1% | 5.9% | 8.1% | |
| 効率性 Efficiency indices | 総資産当期純利益率 (ROA) (%) *1 Return on total assets (ROA) (%) ¹ | 3.4% | 2.6% | 4.3% | 4.6% | 3.3% | 2.0% | 1.7% | 2.0% | 3.6% | 5.3% | |
| | 自己資本当期純利益率 (ROE) (%) Return on equity (ROE) (%) | 7.3% | 5.4% | 9.1% | 9.4% | 6.6% | 3.8% | 3.4% | 4.2% | 7.8% | 11.0% | |
| | 投下資本利益率 (ROIC) (%) Return on invested capital | - | - | - | - | - | - | - | - | 6.2% | 7.0% | |
| | 総資産回転率 (回) *1 Total assets turnover (times) ¹ | 0.91 | 0.94 | 0.87 | 0.72 | 0.64 | 0.69 | 0.70 | 0.66 | 0.61 | 0.65 | |

*1 18年3月期実績は「税効果会計に係る会計基準」の一部改正を考慮して算定

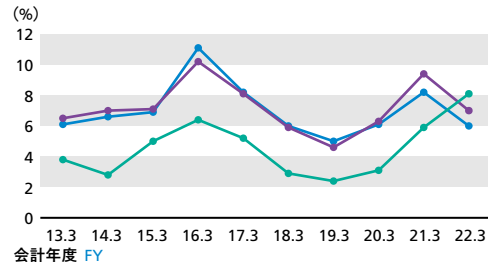
¹ FY18.3 results are calculated taking in account of "Partial Amendments to Accounting standard for Tax Effect Accounting".

定義 Definition

売上高営業利益率 = 営業利益 / 売上高 × 100
 Operating profit / Net sales ratio = Operating profit / Net sales × 100
 売上高経常利益率 = 経常利益 / 売上高 × 100
 Ordinary profit / Net sales ratio = Ordinary profit / Net sales × 100
 売上高当期純利益率 = 親会社株主に帰属する当期純利益 / 売上高 × 100
 Profit / Net sales ratio = Profit attributable to owners of parent / Net sales × 100
 総資産当期純利益率 = 親会社株主に帰属する当期純利益 / 平均総資産 × 100
 Return on total assets = Profit attributable to owners of parent / Averaged total assets × 100
 自己資本当期純利益率 = 親会社株主に帰属する当期純利益 / 平均自己資本 × 100
 Return on equity = Profit attributable to owners of parent / Average shareholders' equity × 100

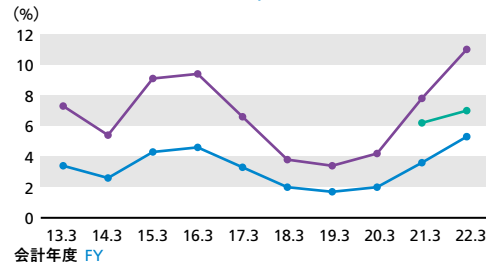
投下資本利益率 = NOPAT / 平均投下資本 × 100
 Return on invested capital = NOPAT / Average Invested capital × 100
 NOPAT = 経常利益 + 金融費用 (支払利息 - 受取利息) - 法人税等
 NOPAT = Ordinary profit + Financial expenses (Interest expenses - Interest income) - Income taxes
 投下資本 = 自己資本 + 有利子負債残高 (当社にリスクのないリース負債除く)
 Invested capital = Shareholders' equity + Balance of interest-bearing debts (excluding risk-free leased Liabilities to us)
 総資産回転率 = 売上高 / 平均総資産
 Total assets turnover = Net sales / Average total assets

売上高利益率 Profit / Net sales ratio



● 売上高営業利益率 Operating profit / Net sales ratio
 ● 売上高経常利益率 Ordinary profit / Net sales ratio
 ● 売上高当期純利益率 Profit / Net sales ratio

資本利益率 Return on capital



● 総資産当期純利益率 Return on total assets (ROA)
 ● 自己資本当期純利益率 Return on equity (ROE)
 ● 投下資本利益率 Return on invested capital (ROIC)

| 会計年度 FY | | 13.3 | 14.3 | 15.3 | 16.3 | 17.3 | 18.3 | 19.3 | 20.3 | 21.3 | 22.3 |
|---|--|----------|----------|----------|----------|----------|----------|----------|------------------|------------------|------------------|
| 安全性 Stability indices | 自己資本比率 (%) *1 Shareholders' equity / Total assets ratio (%) ¹ | 47.7% | 47.9% | 47.7% | 49.5% | 51.0% | 52.7% | 49.5% | 46.6% (48.9%) | 46.8% (50.5%) | 49.0% (52.4%) |
| | D/E比率 *1 Debt / Equity ratio ¹ | 0.72 | 0.72 | 0.71 | 0.63 | 0.56 | 0.50 | 0.64 | 0.76 (0.67) | 0.73 (0.60) | 0.65 (0.54) |
| | 有利子負債 / EBITDA倍率 (倍) *1 Balance of interest-bearing debts / EBITDA (times) ¹ | 3.11 | 3.00 | 3.17 | 2.48 | 2.87 | 3.01 | 4.05 | 4.17 (3.89) | 3.45 (3.07) | 3.76 (3.36) |
| | インタレスト・カバレッジ・レシオ (倍) Interest coverage ratio (times) | 15.37 | 18.00 | 16.56 | 28.17 | 15.48 | 17.75 | 6.43 | 15.00 | 19.82 | 13.97 |
| 一株当たりデータ *2 Data of per share ² | 一株当たり当期純利益 (EPS) (円/株) Earnings per share (EPS) (yen/share) | 125.99 | 100.21 | 184.31 | 202.64 | 147.29 | 90.71 | 80.80 | 100.50 | 194.48 | 308.48 |
| | 一株当たり純資産 (BPS) (円/株) Book value per share (BPS) (yen/share) | 1,795.79 | 1,919.49 | 2,134.92 | 2,179.23 | 2,312.68 | 2,403.68 | 2,415.37 | 2,399.06 | 2,602.18 | 3,030.63 |
| | 一株当たりキャッシュ・フロー (CFPS) (円/株) Cash flow per share (CFPS) (yen/share) | 311.21 | 370.41 | 377.00 | 677.25 | 357.71 | 405.72 | 156.59 | 439.86 | 528.65 | 349.59 |

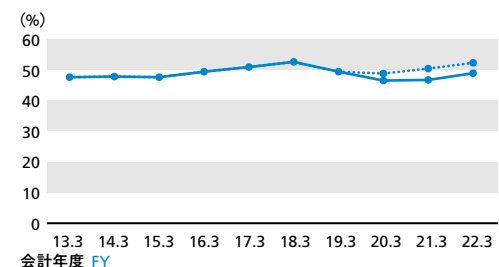
*1 () は発行済ハイブリッド社債の資本性50%考慮
 1 () Calculated with 50% of issued subordinated corporate bonds as equity
 *2 17年3月期以前は、2017年10月の株式併合影響(5→1株)を考慮して算定
 2 Prior to FY17.3, calculated based on the assumption of the share consolidation in October 2017. (5 share to 1 share)

定義 Definition

自己資本比率 = 期末自己資本 / 期末総資産 × 100
 Shareholders' equity / Total assets ratio = Shareholders' equity (as of the end of the fiscal year) / Total assets (as of the end of the fiscal year) × 100
 D/E比率 = 期末有利子負債 / 期末自己資本
 Debt / Equity ratio = Interest-bearing debts (as of the end of the fiscal year) / Shareholders' equity (as of the end of the fiscal year)
 有利子負債 / EBITDA倍率 = 期末有利子負債 / EBITDA
 Balance of interest-bearing debts / EBITDA = Balance of interest-bearing debts (as of the end of the fiscal year) / EBITDA
 インタレスト・カバレッジ・レシオ = 営業活動によるキャッシュ・フロー / 支払利息(社債利息含む)
 Interest coverage ratio = Cash flows from operating activities / interest expenses (including interest on bonds)

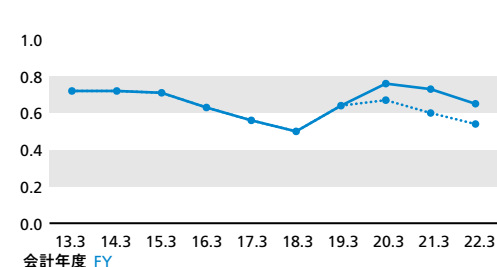
一株当たり当期純利益 = 親会社株主に帰属する当期純利益 / 期中平均株式数(自己株式除く)
 Earnings per share = Profit attributable to owners parent / Average number of shares during each fiscal year (excluding treasury shares)
 一株当たり純資産 = 自己資本 / 期末発行済株式数(自己株式除く)
 Book value per share = Shareholders' equity / Number of shares issued at the end of each fiscal year (excluding treasury shares)
 一株当たりキャッシュ・フロー = 営業活動によるキャッシュ・フロー / 期中平均株式数(自己株式除く)
 Cash flow per share = Cash flows from operating activities / Average number of shares during each fiscal year (excluding treasury shares)

自己資本比率 Shareholders' equity / Total assets ratio



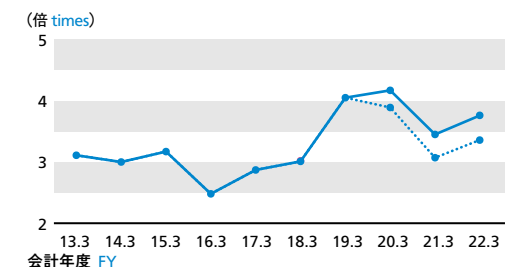
●.....発行済ハイブリッド社債の資本性50%考慮
 Calculated with 50% of issued subordinated corporate bonds as equity

D/E比率 Debt / Equity ratio



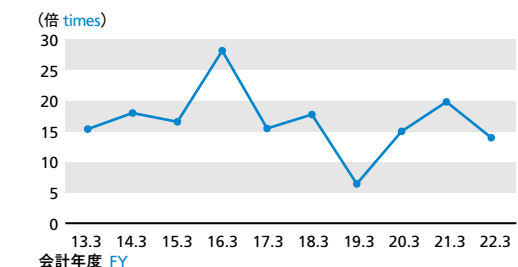
●.....発行済ハイブリッド社債の資本性50%考慮
 Calculated with 50% of issued subordinated corporate bonds as equity

有利子負債 / EBITDA倍率 Balance of interest-bearing debts/EBITDA



●.....発行済ハイブリッド社債の資本性50%考慮
 Calculated with 50% of issued subordinated corporate bonds as equity

インタレスト・カバレッジ・レシオ Interest coverage ratio



●.....発行済ハイブリッド社債の資本性50%考慮
 Calculated with 50% of issued subordinated corporate bonds as equity

株式情報 Stock information

1 株式情報 Stock information (2022年3月末時点 As of March 31, 2022)

| | |
|--|---------------------------------|
| 発行可能株式総数:株 Common Stock authorized : shares | 700,000,000 |
| 発行済株式数:株 Common Stock issued : shares | 416,680,000 |
| 上場証券取引所 Listing of Shares | 東京証券取引所 Tokyo Stock Exchange |
| 議決権を有する単元株主数 Number of shareholders who own voting rights | 83,210 |

2 大株主の状況 Major Shareholders (2022年3月末時点 As of March 31, 2022)

| 氏名又は名称 Name of Shareholder | 所有株式数(千株) Number of Sharesheld (thousands) | 発行済株式総数に対する 所有株式数の割合(%) Percentage of voting rights (%) |
|--|--|---|
| 日本マスタートラスト信託銀行株式会社(信託口) The Master Trust Bank of Japan, Ltd. (Trust a/c) | 66,210 | 15.93% |
| 株式会社日本カストディ銀行(信託口) Custody Bank of Japan, Ltd. (Trust a/c) | 21,659 | 5.21% |
| 日本生命保険相互会社(常任代理人 日本マスタートラスト信託銀行株式会社) Nippon Life Insurance Company (Standing proxy:The Master Trust Bank of Japan, Ltd.) | 15,394 | 3.70% |
| 株式会社三菱UFJ銀行 MUFG Bank, Ltd. | 11,188 | 2.69% |
| 株式会社りそな銀行 Resona Bank, Ltd. | 10,555 | 2.54% |
| STATE STREET BANK WEST CLIENT - TREATY 505234(常任代理人 株式会社みずほ銀行) STATE STREET BANK WEST CLIENT - TREATY 505234 (Standing proxy:Mizuho Bank, Ltd.) | 7,996 | 1.92% |
| あいおいニッセイ同和損害保険株式会社(常任代理人 日本マスタートラスト信託銀行株式会社) Aioi Nissay Dowa Insurance Co.,Ltd. (Standing proxy:The Master Trust Bank of Japan, Ltd.) | 5,973 | 1.44% |
| 明治安田生命保険相互会社(常任代理人 株式会社日本カストディ銀行) Meiji Yasuda Life Insurance Company (Standing proxy:The Master Trust Bank of Japan, Ltd.) | 5,838 | 1.40% |
| JP MORGAN CHASE BANK 385781(常任代理人 株式会社みずほ銀行) JP MORGAN CHASE BANK 385781 (Standing proxy:Mizuho Bank, Ltd.) | 5,078 | 1.22% |
| 燈友会 Toyu-kai (Osaka Gas Employees Shareholding Association) | 5,013 | 1.21% |
| 計 Total | 154,908 | 37.27% |

3 所有者別状況 Shareholder composition (3月末時点 As of March 31)

| 会計年度 FY | 13.3 | 14.3 | 15.3 | 16.3 | 17.3 | 18.3 | 19.3 | 20.3 | 21.3 | 22.3 |
|--|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| 政府及び地方公共団体 Government and local public organization | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% |
| 金融機関 Financial institutions | 35.78% | 35.06% | 37.00% | 38.37% | 37.87% | 39.67% | 40.73% | 43.42% | 40.97% | 40.79% |
| 金融商品取引業者 Financial products trader | 1.34% | 1.85% | 1.62% | 1.29% | 1.87% | 1.73% | 1.92% | 1.66% | 2.50% | 2.60% |
| その他の法人 Domestic companies, etc. | 8.08% | 8.06% | 7.69% | 7.61% | 7.59% | 7.36% | 7.18% | 7.16% | 6.76% | 6.58% |
| 外国法人等 Foreign companies, etc. | 24.51% | 26.43% | 27.06% | 26.65% | 27.39% | 26.64% | 26.64% | 24.26% | 27.06% | 27.63% |
| 個人その他 Individuals and others | 30.29% | 28.60% | 26.62% | 26.08% | 25.28% | 24.60% | 23.54% | 23.51% | 22.72% | 22.39% |
| 計 Total | 100.00% | 100.00% | 100.00% | 100.00% | 100.00% | 100.00% | 100.00% | 100.00% | 100.00% | 100.00% |

4 配当額の推移 Dividend per share history

| 会計年度 FY | 13.3 | 14.3 | 15.3 | 16.3 | 17.3 | 18.3 | 19.3 | 20.3 | 21.3 | 22.3 |
|---|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 一株当たり年間配当金(円) Annual dividends per share (yen) | 42.5 | 45.0 | 47.5 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 52.5 | 57.5 |
| 年間配当金総額(百万円) Annual dividends (million yen) | 17,698 | 18,734 | 19,768 | 20,804 | 20,797 | 20,793 | 20,791 | 20,789 | 21,827 | 23,903 |

* 17年3月期以前は、2017年10月の株式併合影響(5→1株)を考慮して算定

* Prior to FY17.3, calculated based on the assumption of the share consolidation in October 2017. (5 share to 1 share)

5 株式指標 Share indices

| 会計年度 FY | 13.3 | 14.3 | 15.3 | 16.3 | 17.3 | 18.3 | 19.3 | 20.3 | 21.3 | 22.3 |
|---|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| 一株当たり当期純利益 (EPS) (円/株) Earnings per share (EPS) (yen/share) | 125.99 | 100.21 | 184.31 | 202.64 | 147.29 | 90.71 | 80.80 | 100.50 | 194.48 | 308.48 |
| 株価収益率 (PER) (倍) Price earnings ratio (PER) (times) | 16.43 | 19.51 | 13.64 | 10.67 | 14.36 | 23.15 | 27.03 | 20.26 | 11.09 | 6.78 |
| 一株当たり純資産 (BPS) (円/株) Book value per share (BPS) (yen/share) | 1,795.79 | 1,919.49 | 2,134.92 | 2,179.23 | 2,312.68 | 2,403.68 | 2,415.37 | 2,399.06 | 2,602.18 | 3,030.63 |
| 株価純資産倍率 (PBR) (倍) Price book value ratio (PBR) (times) | 1.15 | 1.02 | 1.18 | 0.99 | 0.91 | 0.87 | 0.90 | 0.85 | 0.83 | 0.69 |
| 一株当たりキャッシュ・フロー (CFPS) (円/株) Cash flow per share (CFPS) (yen/share) | 311.21 | 370.41 | 377.00 | 677.25 | 357.71 | 405.72 | 156.59 | 439.86 | 528.65 | 349.59 |
| 株価キャッシュ・フロー倍率 (PCFR) (倍) Price cash flow ratio (PCFR) (times) | 6.65 | 5.28 | 6.67 | 3.19 | 5.91 | 5.17 | 13.95 | 4.63 | 4.08 | 5.98 |

* 17年3月期以前は、2017年10月の株式併合影響(5→1株)を考慮して算定

* Prior to FY17.3, calculated based on the assumption of the share consolidation in October 2017.
(5 share to 1 share)

定義 Definition

一株当たり当期純利益 = 親会社株主に帰属する当期純利益 / 期中平均株式数 (自己株式除く)
Earnings per share = Profit attributable to owners parent / Average number of shares during each fiscal year (excluding treasury shares)

株価収益率 = 期末株価 / 1株当たり当期純利益
Price earnings ratio = Share price (as of the end of the fiscal year) / Earnings per share

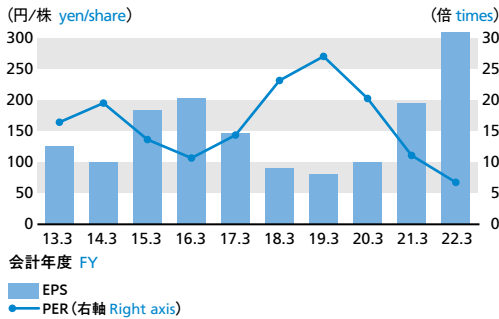
一株当たり純資産 = 期末自己資本 / 期末発行済株式数 (自己株式除く)
Book value per share = Shareholders' equity (as of the end of the fiscal year) / Number of shares issued at the end of each fiscal year (excluding treasury shares)

株価純資産倍率 = 期末株価 / 一株当たり純資産
Price book value ratio = Share price (as of the end of the fiscal year) / Book value per share

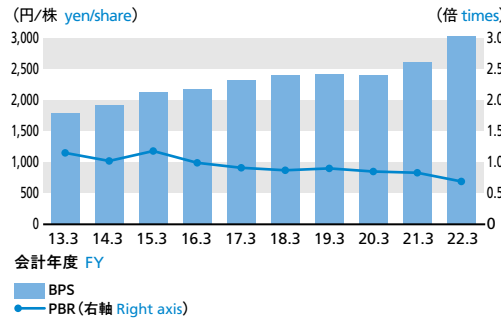
一株当たりキャッシュ・フロー = 営業活動によるキャッシュ・フロー / 期中平均株式数 (自己株式除く)
Cash flow per share = Cash flows from operating activities / Average number of shares during each fiscal year (excluding treasury shares)

株価キャッシュ・フロー倍率 = 期末株価 / 一株当たりキャッシュ・フロー
Price cash flow ratio = Share price (as of the end of the fiscal year) / Cash flow per share

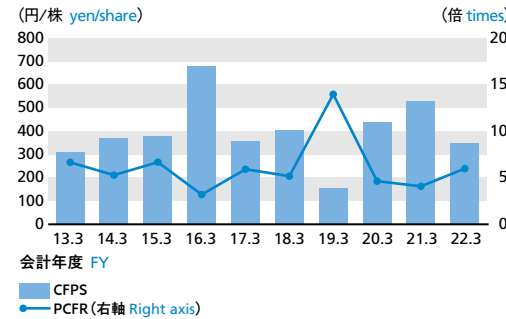
株価収益率 PER



株価純資産倍率 PBR



株価キャッシュ・フロー倍率 PCFR



| 会計年度 FY | 13.3 | 14.3 | 15.3 | 16.3 | 17.3 | 18.3 | 19.3 | 20.3 | 21.3 | 22.3 |
|---|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| EV (百万円) EV (million yen) | 1,319,247 | 1,326,572 | 1,547,556 | 1,286,413 | 1,283,406 | 1,235,033 | 1,470,535 | 1,483,904 | 1,548,130 | 1,578,308 |
| EV / EBITDA (倍) EV / EBITDA (times) | 7.59 | 6.94 | 7.74 | 5.62 | 6.81 | 7.39 | 9.20 | 8.20 | 6.80 | 7.29 |
| 株主資本配当率 (DOE) (%) Dividend on equity ratio (DOE) (%) | 2.5% | 2.4% | 2.3% | 2.3% | 2.2% | 2.1% | 2.1% | 2.1% | 2.1% | 2.0% |
| 配当性向 (%) Payout ratio (%) | 33.7% | 44.9% | 25.8% | 24.7% | 33.9% | 55.1% | 61.9% | 49.8% | 27.0% | 18.6% |
| 配当利回り (%) Dividend Yield (%) | 2.1% | 2.3% | 1.9% | 2.3% | 2.4% | 2.4% | 2.3% | 2.5% | 2.4% | 2.8% |
| 株主総利回り (TSR) (%) Total shareholders return (TSR) (%) | 127.3% | 123.0% | 159.5% | 141.4% | 141.6% | 143.6% | 151.7% | 145.8% | 156.3% | 155.8% |

* 17年3月期以前は、2017年10月の株式併合影響(5→1株)を考慮して算定

* Prior to FY17.3, calculated based on the assumption of the share consolidation in October 2017. (5 share to 1 share)

定義 Definition

EV = 期末株価 × 期末発行済株式数 (自己株式除く) + 期末有利子負債残高 + 期末非支配株主持分 - 現金及び現金同等物の期末残高

EV = Share price (as of the end of the fiscal year) × Number of shares issued at the end of each fiscal year (excluding treasury shares) + Interest-bearing debts (as of the end of the fiscal year) + Non-controlling interests (as of the end of the fiscal year) - Cash and cash equivalents (as of the end of the fiscal year)

EBITDA = 営業利益 + 減価償却費 + のれん償却費 (びわ湖ブルーエナジー株ののれん一括償却除く) + 持分法投資損益

EBITDA = Operating profit + Depreciation + Amortization of goodwill (BIWAKO BLUE ENERGY Co., Ltd.'s one-time amortization of goodwill is excluded) + Share of profit (loss) of entities accounted for using equity method

株主資本配当率 = 年間配当金総額 / 平均自己資本 × 100

Dividend on equity ratio = Annual dividends / Average shareholders' equity × 100

配当性向 = 一株当たり年間配当金 / 一株当たり当期純利益

Payout ratio = Annual dividends per share / Earnings per share

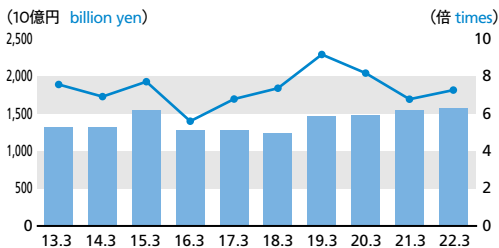
配当利回り = 一株当たり年間配当金 / 期末株価

Dividend yield = Annual dividends per share / Share price (as of the end of the fiscal year)

株主総利回り (TSR) = (各事業年度末日の株価 + 13年3月期から各事業年度までの一株当たり配当金の累計額) / 12年3月期の期末株価

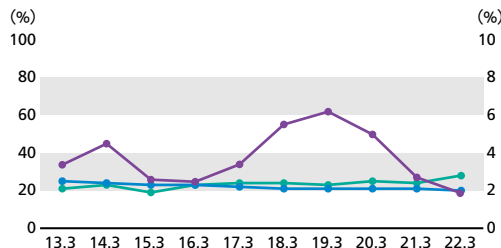
Total shareholders return (TSR) = Share price (as of the end of each fiscal year) + Annual dividends per share (accumulated from FY13.3 to each fiscal year) / Share price (as of the end of FY12.3)

EV / EBITDA



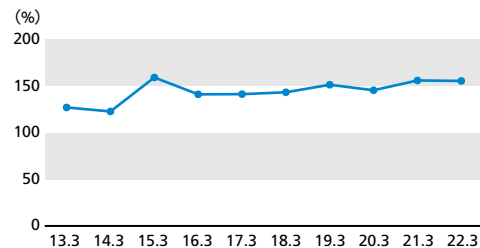
会計年度 FY
■ EV
● EV/EBITDA (右軸 Right axis)

配当関連指標 Dividend indices



会計年度 FY
● 配当性向 Payout ratio
● 株主資本配当率 DOE (右軸 Right axis)
● 配当利回り Dividend Yield (右軸 Right axis)

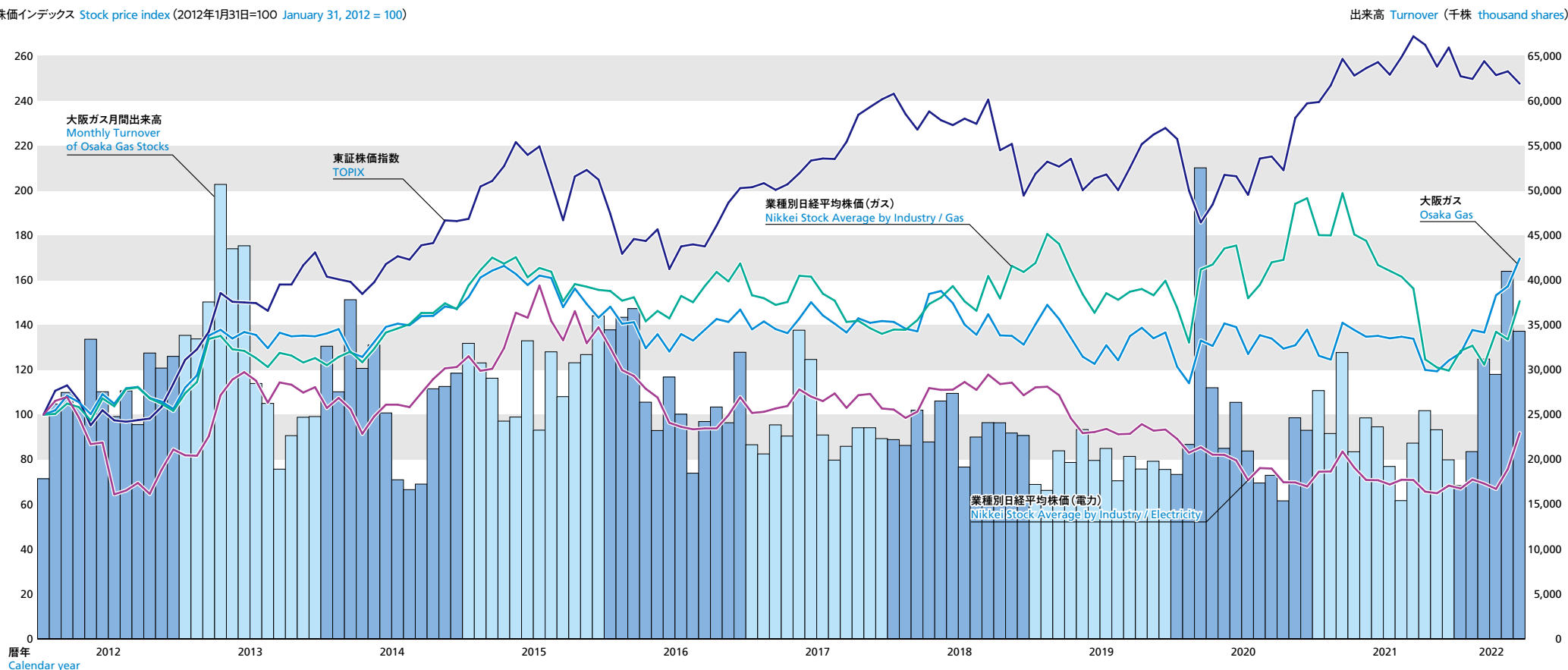
株主総利回り (TSR)



会計年度 FY

6 株価推移 Stock price fluctuation

株価インデックス Stock price index (2012年1月31日=100 January 31, 2012 = 100)



7 格付の推移 Rating history (6月末時点 As of June 30)

| | 暦年 Calendar year | 13.6 | 14.6 | 15.6 | 16.6 | 17.6 | 18.6 | 19.6 | 20.6 | 21.6 | 22.6 |
|---|---|------|------|------|------|------|------|------|------|------|------|
| 長期債 Long-term bond | R&I (格付投資情報センター) Rating and Investment Information, Inc. | AA+ | AA+ | AA+ | AA+ | AA+ | AA+ | AA+ | AA+ | AA+ | AA+ |
| | ムーディーズ Moody's Investors Service | Aa3 | Aa3 | Aa3 | Aa3 | Aa3 | Aa3 | Aa3 | A1 | A1 | A1 |
| | S&Pグローバル・レーティング S&P Global Ratings | AA- | AA- | AA- | AA- | AA- | AA- | AA- | AA- | AA- | AA- |
| 国内コマーシャルペーパー Domestic Commercial paper | R&I (格付投資情報センター) Rating and Investment Information, Inc. | a-1+ | a-1+ | a-1+ | a-1+ | a-1+ | a-1+ | a-1+ | a-1+ | a-1+ | a-1+ |
| | S&Pグローバル・レーティング S&P Global Ratings | A-1+ | A-1+ | A-1+ | A-1+ | A-1+ | A-1+ | A-1+ | A-1+ | A-1+ | A-1+ |

社債・借入金明細 Bonds and borrowings

1 社債明細 Bonds (2022年3月末時点 As of March 31, 2022)

| 会社名 Company | 普通社債 Straight bonds | 回号 No. | 発行日 Date of issue | 当期末残高 (内、1年以内償還予定額) (百万円) Amount (included portion due within 1 year) (million yen) | 利率(%) Interest rate (%) | 償還日 Date of maturity | | |
|--------------------------------|---|-----------|---|---|-------------------------------|-------------------------|-------|------------|
| 大阪ガス(株) Osaka Gas Co., Ltd. | 国内無担保社債 Domestic unsecured corporate bonds | #18 | 2003.2.12 | 19,998 (19,998) | 1.47% | 2022.12.20 | | |
| | | #21 | 2006.6.23 | 9,998 | 2.33% | 2026.6.23 | | |
| | | #29 | 2011.12.9 | - | 1.16% | 2021.12.9 | | |
| | | #30 | 2012.12.14 | 10,000 (10,000) | 0.759% | 2022.12.14 | | |
| | | #31 | 2013.10.18 | 10,000 | 0.748% | 2023.10.18 | | |
| | | #32 | 2014.3.24 | 15,000 | 1.606% | 2034.3.24 | | |
| | | #33 | 2014.10.24 | 20,000 | 1.402% | 2034.10.24 | | |
| | | #34 | 2015.3.5 | 10,000 | 1.685% | 2045.3.3 | | |
| | | #35 | 2016.12.9 | 10,000 | 0.986% | 2056.12.8 | | |
| | | #36 | 2019.6.6 | 20,000 | 0.642% | 2049.6.4 | | |
| | | #37 | 2019.6.6 | 20,000 | 0.818% | 2059.6.6 | | |
| | | #38 | 2019.9.5 | 20,000 | 0.4% | 2049.9.3 | | |
| | | #39 | 2019.9.5 | 5,000 | 0.545% | 2058.9.5 | | |
| | | #40 | 2019.9.5 | 10,000 | 0.7% | 2069.9.5 | | |
| | | #41 | 2021.6.3 | 20,000 | 0.22% | 2031.6.3 | | |
| | | #42 | 2021.6.3 | 10,000 | 0.576% | 2041.6.3 | | |
| | | #43 | 2021.6.3 | 10,000 | 0.851% | 2051.6.2 | | |
| | | | 第1回利払繰延条項・期限前償還条項付 無担保社債(劣後特約付) #1 Unsecured corporate bonds with interest deferrable clause and early redeemable option (subordinated corporate bonds) | #1 | 2019.12.12 | 50,000 | 0.44% | 2079.12.12 |
| | | | 第2回利払繰延条項・期限前償還条項付 無担保社債(劣後特約付) #2 Unsecured corporate bonds with interest deferrable clause and early redeemable option (subordinated corporate bonds) | #2 | 2019.12.12 | 50,000 | 0.6% | 2079.12.12 |
| | | | 第3回利払繰延条項・期限前償還条項付 無担保社債(劣後特約付) #3 Unsecured corporate bonds with interest deferrable clause and early redeemable option (subordinated corporate bonds) | #3 | 2020.9.10 | 27,000 | 0.49% | 2080.9.10 |
| | 第4回利払繰延条項・期限前償還条項付 無担保社債(劣後特約付) #4 Unsecured corporate bonds with interest deferrable clause and early redeemable option (subordinated corporate bonds) | #4 | 2020.9.10 | 48,000 | 0.63% | 2080.9.10 | | |
| | 合計 Total | - | - | 394,997 (29,998) | - | - | | |

2 借入金明細

Loans and debts (2022年3月末時点 As of March 31, 2022)

| | 金額(百万円) Amount (million yen) | 平均利率(%) average interest rate (%) |
|---|------------------------------------|---|
| 短期借入金 Short-term debt | 13,174 | 0.2% |
| 1年以内に返済予定の長期借入金 Long-term debt due within one year | 38,340 | 0.4% |
| 1年以内に返済予定のリース債務 Lease obligation due within one year | 2,201 | - |
| 長期借入金 (1年以内に返済予定のものを除く) Long-term debt due after one year | 350,502 | 1.0% |
| リース債務 (1年以内に返済予定のものを除く) Lease obligation due after one year | 15,862 | - |
| 合計 Total | 420,082 | - |

3 2027年3月期までの償還・返済予定額

Annual maturities untill FY2027.3 (百万円 million yen)

| | 社債 Bonds | 長期借入金 Long-term loans |
|-----------------------|-------------|--------------------------|
| 2023年3月期 in FY23.3 | 30,000 | 38,340 |
| 2024年3月期 in FY24.3 | 10,000 | 59,166 |
| 2025年3月期 in FY25.3 | - | 55,541 |
| 2026年3月期 in FY26.3 | - | 67,403 |
| 2027年3月期 in FY27.3 | 10,000 | 32,894 |

セグメント別情報 Segment information

(百万円 million yen)

| 会計年度 FY | | 13.3 | 14.3 | 14.3(新 New) | 15.3 | 16.3 | 17.3 | 17.3(新 New) | 18.3 | 19.3 | 20.3 | 21.3 | 21.3(新 New) | 22.3 |
|---------------------------|--|-----------|-----------|-------------|-----------|-----------|-----------|-------------|-----------|-----------|-----------|-----------|-------------|-----------|
| 売上高 Net sales | 連結 Consolidated | 1,380,060 | 1,512,581 | 1,512,581 | 1,528,164 | 1,322,012 | 1,183,846 | 1,183,846 | 1,296,238 | 1,371,863 | 1,368,689 | 1,364,106 | 1,364,106 | 1,586,879 |
| | ガス Gas | 1,038,550 | 1,119,526 | 1,119,526 | 1,136,975 | 948,501 | 802,331 | - | - | - | - | - | - | - |
| | LPG・電力・その他エネルギー LPG, Electricity and Other Energy | 215,502 | 257,970 | 261,061 | 243,746 | 206,433 | 209,026 | - | - | - | - | - | - | - |
| | 国内エネルギー・ガス Domestic Energy / Gas | - | - | - | - | - | - | 911,292 | 976,269 | 1,012,642 | 976,963 | 916,089 | - | - |
| | 国内エネルギー・電力 Domestic Energy / Electricity | - | - | - | - | - | - | 107,515 | 157,752 | 184,313 | 201,561 | 247,291 | - | - |
| | 国内エネルギー Domestic Energy | - | - | - | - | - | - | - | - | - | - | - | 1,158,333 | 1,336,105 |
| | 海外エネルギー International Energy | 10,764 | 13,332 | 13,372 | 13,714 | 18,701 | 22,632 | 22,632 | 22,570 | 40,489 | 61,254 | 69,199 | 44,299 | 80,779 |
| | 環境・非エネルギー Environment and non-energies | 185,643 | 199,677 | - | - | - | - | - | - | - | - | - | - | - |
| | ライフ&ビジネス ソリューション Life & Business Solutions | - | - | 196,547 | 207,521 | 221,702 | 217,600 | 208,373 | 201,472 | 210,914 | 219,432 | 216,585 | 216,585 | 237,086 |
| | 調整 Adjustments | -70,400 | -77,926 | -77,926 | -73,793 | -73,326 | -67,742 | -65,967 | -61,827 | -76,497 | -90,522 | -85,059 | -55,111 | -67,091 |
| セグメント利益 Segment profit | 連結 Consolidated | 91,109 | 107,299 | 107,299 | 112,055 | 142,136 | 99,036 | 99,036 | 78,376 | 69,073 | 89,018 | 126,109 | 126,109 | 107,747 |
| | ガス Gas | 23,373 | 32,077 | 32,077 | 50,293 | 95,724 | 48,123 | - | - | - | - | - | - | - |
| | LPG・電力・その他エネルギー LPG, Electricity and Other Energy | 38,275 | 43,890 | 45,346 | 41,697 | 28,852 | 22,075 | - | - | - | - | - | - | - |
| | 国内エネルギー・ガス Domestic Energy / Gas | - | - | - | - | - | - | 55,254 | 42,987 | 35,809 | 53,200 | 65,335 | - | - |
| | 国内エネルギー・電力 Domestic Energy / Electricity | - | - | - | - | - | - | 16,208 | 20,714 | 8,724 | 7,855 | 15,032 | - | - |
| | 国内エネルギー Domestic Energy | - | - | - | - | - | - | - | - | - | - | - | 85,597 | 38,694 |
| | 海外エネルギー International Energy | 7,649 | 7,777 | 8,229 | 1,261 | -277 | 7,477 | 8,000 | -5,338 | 5,974 | 8,162 | 22,115 | 16,886 | 44,330 |
| | 環境・非エネルギー Environment and non-energies | 19,068 | 20,809 | - | - | - | - | - | - | - | - | - | - | - |
| | ライフ&ビジネス ソリューション Life & Business Solutions | - | - | 18,901 | 16,581 | 18,834 | 20,414 | 18,627 | 18,284 | 17,714 | 19,676 | 19,250 | 19,295 | 23,516 |
| | 調整 Adjustments | 2,742 | 2,744 | 2,744 | 2,221 | -997 | 944 | 944 | 1,728 | 850 | 122 | 4,375 | 4,330 | 1,205 |

15年3月期より、再生可能エネルギー事業の取扱いを変更。「環境・非エネルギー」セグメントに含めていた再生可能エネルギー事業を、事業内容に応じ、「LPG・電力・その他エネルギー」セグメント、「海外エネルギー」セグメントに移管。セグメント名を「環境・非エネルギー」セグメントから「ライフ&ビジネス ソリューション」セグメントに変更。

From FY15.3, renewable energy business, previously segmented in "Environment and non-energies" has been in either "LPG, Electricity, and Other Energy" or "International Energy" depending on the nature of business. "Environment and non-energies" has been changed to "Life & Business Solutions".

18年3月期より、事業区分を変更。「LPG・電力・その他エネルギーセグメント」に区分していた発電及び電気の販売事業等を独立させ、セグメント名称を「国内エネルギー・電力」とし、LNG販売事業、LPG販売事業、産業ガス販売事業等を「ガス」セグメントに移管し、セグメント名称を「国内エネルギー・ガス」に変更。From FY18.3, we reviewed the segmentation of our business segments and reorganized them. Businesses including power generation and electricity sales, which were previously included in "LPG, Electricity and Other Energy" will be spun off into a separate segment, which will be named "Domestic Energy / Gas". In addition, sales of LNG, LPG and industrial gas and other gas-related businesses will be integrated into the Gas segment, which will be renamed to "Domestic Energy / Gas".

19年3月期より、大阪ガスエンジニアリング株式のセグメントを「ライフ&ビジネス ソリューション」から「国内エネルギー・ガス」に変更。18年3月期の実績は、研究開発費、従業員数を除き、変更後の内容で記載。

From FY19.3, Osaka Gas Engineering Co., Ltd. changed its segment from "Life & Business Solutions" to "Domestic Energy / Gas". FY18.3 results are calculated based on the contents after the change, excluding R&D expenses and the number of employees.

21年3月期より、(株)ガスアンドパワー(国内エネルギー・電力)を、Daigasガスアンドパワーソリューション(国内エネルギー・ガス)に吸収合併。20年3月期実績は、研究開発費、従業員数を除き、変更後の内容で記載。

From FY21.3, Gas and Power Co., Ltd. (Domestic Energy / Electricity) was merged into Daigas Gas and Power Solution Co., Ltd. (Domestic Energy / Gas). FY20.3 Results are calculated based on this change, excluding R&D expenses and the number of employees.

22年3月期より、国内エネルギー・ガスと国内エネルギー・電力を国内エネルギーへ統合し、大阪ガスインターナショナルトランスポート(株)等を海外エネルギーから国内エネルギーに移管。併せて、大阪ガス(株)(国内エネルギー・ガス)に含まれる海外エネルギーのための営業費用を海外エネルギーに移管。

From FY22.3, "Domestic Energy / Gas" and "Domestic Energy / Electricity" were integrated into "Domestic Energy". Osaka Gas International Transport Inc. etc, which were previously included in "International Energy," were transferred into "Domestic Energy". Osaka Gas' operating expenses for International Energy, which was previously included in "Domestic Energy / Gas," was transferred into "International Energy".

定義 Definition

セグメント利益 = 営業利益 + 持分法投資損益

Segment profit = Operating profit + Share of profit (loss) of entities accounted for using equity method

(百万円 million yen)

| | 会計年度 FY | 13.3 | 14.3 | 14.3(新 New) | 15.3 | 16.3 | 17.3 | 17.3(新 New) | 18.3 | 19.3 | 20.3 | 21.3 | 21.3(新 New) | 22.3 |
|--|---|--------------------|-----------|-------------|-----------|-----------|-----------|-------------|-----------|-----------|-----------|-----------|-------------|-----------|
| セグメント資産 *1 Segment assets ¹ | 連結 Consolidated | 1,566,899 | 1,668,317 | 1,668,317 | 1,862,201 | 1,829,756 | 1,886,577 | 1,886,577 | 1,897,230 | 2,029,722 | 2,140,482 | 2,313,357 | 2,313,357 | 2,569,819 |
| | ガス Gas | 753,424 | 741,733 | 741,733 | 818,202 | 772,825 | 766,272 | - | - | - | - | - | - | - |
| | LPG・電力・その他エネルギー LPG, Electricity and Other Energy | 163,462 | 159,909 | 177,538 | 177,652 | 172,223 | 183,507 | - | - | - | - | - | - | - |
| | 国内エネルギー・ガス Domestic Energy / Gas | - | - | - | - | - | - | 867,991 | 865,154 | 866,906 | 911,159 | 955,934 | - | - |
| | 国内エネルギー・電力 Domestic Energy / Electricity | - | - | - | - | - | - | 123,716 | 157,519 | 165,322 | 208,403 | 274,463 | - | - |
| | 国内エネルギー Domestic Energy | - | - | - | - | - | - | - | - | - | - | - | 1,361,174 | 1,504,545 |
| | 海外エネルギー International Energy | 232,871 | 293,793 | 294,664 | 368,002 | 401,590 | 453,804 | 484,972 | 462,351 | 572,881 | 625,410 | 634,126 | 589,028 | 677,097 |
| | 環境・非エネルギー Environment and non-energies | 340,709 | 402,633 | - | - | - | - | - | - | - | - | - | - | - |
| | ライフ&ビジネス ソリューション Life & Business Solutions | - | - | 387,671 | 394,950 | 411,459 | 413,448 | 344,115 | 350,138 | 374,311 | 390,693 | 419,172 | 418,931 | 438,178 |
| | 調整 Adjustments | 76,432 | 70,248 | 66,710 | 103,393 | 71,657 | 69,544 | 65,781 | 62,066 | 50,300 | 4,815 | 29,659 | -55,778 | -50,002 |
| セグメント資産 セグメント利益率 *1 Segment profit / Segment assets ratio ¹ | 連結 Consolidated | 6.0% | 6.6% | - | 6.3% | 7.7% | 5.3% | - | 4.1% | 3.5% | 4.3% | 5.7% | - | 4.4% |
| | ガス Gas | 3.1% | 4.3% | - | 6.4% | 12.0% | 6.3% | - | - | - | - | - | - | - |
| | LPG・電力・その他エネルギー LPG, Electricity and Other Energy | 23.3% | 27.1% | - | 23.5% | 16.5% | 12.4% | - | - | - | - | - | - | - |
| | 国内エネルギー・ガス Domestic Energy / Gas | - | - | - | - | - | - | 6.4% | 5.0% | 4.1% | 6.0% | 7.0% | - | - |
| | 国内エネルギー・電力 Domestic Energy / Electricity | - | - | - | - | - | - | 13.1% | 14.7% | 5.4% | 4.2% | 6.2% | - | - |
| | 国内エネルギー Domestic Energy | - | - | - | - | - | - | - | - | - | - | - | - | 2.7% |
| | 海外エネルギー International Energy | 3.8% | 3.0% | - | 0.4% | -0.1% | 1.7% | - | -1.1% | 1.2% | 1.4% | 3.5% | - | 7.0% |
| | 環境・非エネルギー Environment and non-energies | 5.7% | 5.6% | - | - | - | - | - | - | - | - | - | - | - |
| | ライフ&ビジネス ソリューション Life & Business Solutions | - | - | - | 4.2% | 4.7% | 4.9% | - | 5.3% | 4.9% | 5.1% | 4.8% | - | 5.5% |
| | 減価償却費 + のれん償却費 Depreciation + amortization of goodwill | 連結 Consolidated | 82,818 | 83,806 | 83,806 | 87,785 | 86,747 | 86,206 | 86,206 | 88,723 | 99,745 | 91,925 | 101,444 | 101,444 |
| ガス Gas | | 54,184 | 52,804 | 52,804 | 57,143 | 56,396 | 56,467 | - | - | - | - | - | - | - |
| LPG・電力・その他エネルギー LPG, Electricity and Other Energy | | 13,446 | 12,284 | 13,173 | 11,744 | 10,239 | 8,918 | - | - | - | - | - | - | - |
| 国内エネルギー・ガス Domestic Energy / Gas | | - | - | - | - | - | - | 59,085 | 57,789 | 64,541 | 55,511 | 57,119 | - | - |
| 国内エネルギー・電力 Domestic Energy / Electricity | | - | - | - | - | - | - | 6,537 | 6,868 | 8,190 | 7,681 | 8,943 | - | - |
| 国内エネルギー Domestic Energy | | - | - | - | - | - | - | - | - | - | - | - | 71,322 | 75,027 |
| 海外エネルギー International Energy | | 5,429 | 8,912 | 8,912 | 6,581 | 7,173 | 8,327 | 8,327 | 12,165 | 15,228 | 16,818 | 23,322 | 18,062 | 21,249 |
| 環境・非エネルギー Environment and non-energies | | 10,547 | 10,647 | - | - | - | - | - | - | - | - | - | - | - |
| ライフ&ビジネス ソリューション Life & Business Solutions | | - | - | 9,758 | 13,104 | 13,803 | 13,265 | 13,028 | 12,913 | 13,173 | 13,382 | 14,007 | 14,007 | 15,356 |
| 調整 Adjustments | | -789 | -842 | -842 | -788 | -865 | -772 | -772 | -1,013 | -1,389 | -1,469 | -1,948 | -1,948 | -2,730 |

*1 18年3月期実績は「税効果会計に係る会計基準」の一部改正を考慮して算定

¹ FY18.3 results are calculated taking in account of "Partial Amendments to Accounting standard for Tax Effect Accounting".

定義 Definition

セグメント資産 セグメント利益率 = セグメント利益 / 平均セグメント資産 × 100
Segment profit / Segment assets ratio = Segment profit / Average segment assets × 100

(百万円 million yen)

| 会計年度 FY | | 13.3 | 14.3 | 14.3(新 New) | 15.3 | 16.3 | 17.3 | 17.3(新 New) | 18.3 | 19.3 | 20.3 | 21.3 | 21.3(新 New) | 22.3 | |
|--|--|---------|---------|-------------|---------|---------|---------|-------------|---------|---------|---------|---------|-------------|---------|---|
| EBITDA | 連結 Consolidated | 173,927 | 191,105 | 191,105 | 199,840 | 228,883 | 188,403 | 188,403 | 167,100 | 159,916 | 180,943 | 227,554 | 227,554 | 216,649 | |
| | ガス Gas | 77,557 | 84,882 | 84,882 | 107,437 | 152,120 | 104,590 | - | - | - | - | - | - | - | |
| | LPG・電力・その他エネルギー LPG, Electricity and Other Energy | 51,722 | 56,174 | 58,519 | 53,441 | 39,092 | 30,994 | - | - | - | - | - | - | - | |
| | 国内エネルギー・ガス Domestic Energy / Gas | - | - | - | - | - | - | 114,340 | 100,777 | 91,449 | 108,712 | 122,455 | - | - | |
| | 国内エネルギー・電力 Domestic Energy / Electricity | - | - | - | - | - | - | 22,746 | 27,583 | 16,915 | 15,537 | 23,975 | - | - | |
| | 国内エネルギー Domestic Energy | - | - | - | - | - | - | - | - | - | - | - | 156,919 | 113,721 | |
| | 海外エネルギー International Energy | 13,079 | 16,690 | 17,142 | 7,842 | 6,895 | 15,805 | 16,328 | 6,827 | 21,202 | 24,980 | 45,437 | 34,949 | 65,579 | |
| | 環境・非エネルギー Environment and non-energies | 29,616 | 31,456 | - | - | - | - | - | - | - | - | - | - | - | - |
| | ライフ&ビジネス ソリューション Life & Business Solutions | - | - | 28,660 | 29,686 | 32,638 | 33,680 | 31,655 | 31,198 | 30,887 | 33,059 | 33,258 | 33,303 | 38,872 | |
| | 調整 Adjustments | 1,952 | 1,901 | 1,901 | 1,432 | -1,862 | 171 | 171 | 715 | -538 | -1,346 | 2,427 | 2,382 | -1,524 | |
| 持分法適用会社への 投資額 Investment in entities accounted for using equity method | 連結 Consolidated | 48,912 | 76,637 | 76,637 | 90,735 | 109,997 | 180,157 | 188,615 | 192,234 | 230,703 | 210,647 | 210,091 | 210,091 | 191,659 | |
| | ガス Gas | 405 | 91 | 91 | - | - | 260 | - | - | - | - | - | - | - | |
| | LPG・電力・その他エネルギー LPG, Electricity and Other Energy | 4,564 | 5,202 | 5,202 | 5,845 | 4,698 | 4,996 | - | - | - | - | - | - | - | |
| | 国内エネルギー・ガス Domestic Energy / Gas | - | - | - | - | - | - | 3,808 | 13,554 | 14,405 | 14,408 | 15,256 | - | - | |
| | 国内エネルギー・電力 Domestic Energy / Electricity | - | - | - | - | - | - | 1,447 | 1,421 | 2,477 | 470 | 3,922 | - | - | |
| | 国内エネルギー Domestic Energy | - | - | - | - | - | - | - | - | - | - | - | 19,178 | 23,893 | |
| | 海外エネルギー International Energy | 42,541 | 55,224 | 63,176 | 76,380 | 98,314 | 171,026 | 183,359 | 177,258 | 213,821 | 195,768 | 190,912 | 190,912 | 167,765 | |
| | 環境・非エネルギー Environment and non-energies | 1,401 | 16,118 | - | - | - | - | - | - | - | - | - | - | - | |
| | ライフ&ビジネス ソリューション Life & Business Solutions | - | - | 8,166 | 8,509 | 6,983 | 3,874 | - | - | - | - | - | - | - | |
| | 調整 Adjustments | - | - | - | - | - | - | - | - | - | - | - | - | - | |

定義 Definition

EBITDA = 営業利益+減価償却費+のれん償却費(びわ湖ブルーエナジー株ののれん一括償却除く) + 持分法投資損益

EBITDA = Operating profit + Depreciation + Amortization of goodwill (BIWAKO BLUE ENERGY Co., Ltd.'s one-time amortization of goodwill is excluded) + Share of profit (loss) of entities accounted for using equity method

(百万円 million yen)

| | 会計年度 FY | 13.3 | 14.3 | 14.3(新 New) | 15.3 | 16.3 | 17.3 | 17.3(新 New) | 18.3 | 19.3 | 20.3 | 21.3 | 21.3(新 New) | 22.3 |
|---|--|---------|---------|-------------|---------|---------|--------|-------------|--------|---------|---------|---------|-------------|---------|
| 設備投資額 Capital expenditures | 連結 Consolidated | 112,987 | 124,146 | 124,146 | 119,398 | 114,418 | 88,657 | 88,657 | 81,716 | 107,259 | 131,010 | 189,454 | 189,454 | 189,317 |
| | ガス Gas | 62,305 | 60,652 | 60,652 | 49,222 | 60,194 | 50,530 | - | - | - | - | - | - | - |
| | LPG・電力・その他エネルギー LPG, Electricity and Other Energy | 3,362 | 3,253 | 3,316 | 15,326 | 15,369 | 7,676 | - | - | - | - | - | - | - |
| | 国内エネルギー・ガス Domestic Energy / Gas | - | - | - | - | - | - | 53,465 | 46,426 | 48,139 | 66,007 | 80,174 | - | - |
| | 国内エネルギー・電力 Domestic Energy / Electricity | - | - | - | - | - | - | 5,075 | 13,477 | 16,188 | 26,809 | 47,592 | - | - |
| | 国内エネルギー Domestic Energy | - | - | - | - | - | - | - | - | - | - | - | 128,070 | 114,879 |
| | 海外エネルギー International Energy | 37,024 | 47,950 | 47,980 | 38,525 | 20,714 | 15,167 | 15,167 | 6,187 | 24,760 | 8,914 | 29,270 | 28,967 | 35,932 |
| | 環境・非エネルギー Environment and non-energies | 10,939 | 13,015 | - | - | - | - | - | - | - | - | - | - | - |
| | ライフ&ビジネス ソリューション Life & Business Solutions | - | - | 12,922 | 17,205 | 19,934 | 17,283 | 16,949 | 17,175 | 19,888 | 32,216 | 35,601 | 35,601 | 43,094 |
| | 調整 Adjustments | -644 | -725 | -725 | -881 | -1,794 | -2,000 | -2,000 | -1,551 | -1,717 | -2,937 | -3,185 | -3,185 | -4,589 |
| 研究開発費 R&D expenses | 連結 Consolidated | 10,875 | 11,793 | - | 11,434 | 11,340 | 10,374 | - | 9,708 | 10,961 | 10,174 | 9,440 | - | 9,500 |
| | ガス Gas | 8,856 | 9,234 | - | 8,785 | 8,553 | 7,728 | - | - | - | - | - | - | - |
| | LPG・電力・その他エネルギー LPG, Electricity and Other Energy | 86 | 74 | - | 78 | 83 | 101 | - | - | - | - | - | - | - |
| | 国内エネルギー・ガス Domestic Energy / Gas | - | - | - | - | - | - | - | 7,501 | 7,107 | 7,271 | 6,645 | - | - |
| | 国内エネルギー Domestic Energy | - | - | - | - | - | - | - | - | - | - | - | - | 6,741 |
| | 環境・非エネルギー Environment and non-energies | 1,932 | 2,485 | - | - | - | - | - | - | - | - | - | - | - |
| | ライフ&ビジネス ソリューション Life & Business Solutions | - | - | - | 2,570 | 2,703 | 2,544 | - | 2,206 | 3,854 | 2,902 | 2,795 | - | 2,759 |
| 従業員数(人) Number of employees (Number of persons) | 連結 Consolidated | 19,870 | 21,250 | - | 20,982 | 20,844 | 20,762 | - | 19,997 | 20,224 | 20,543 | 20,941 | - | 20,961 |
| | ガス Gas | 11,714 | 11,748 | - | 11,562 | 10,817 | 10,630 | - | - | - | - | - | - | - |
| | LPG・電力・その他エネルギー LPG, Electricity and Other Energy | 1,288 | 1,292 | - | 1,349 | 1,418 | 1,438 | - | - | - | - | - | - | - |
| | 国内エネルギー・ガス Domestic Energy / Gas | - | - | - | - | - | - | - | 10,809 | 10,973 | 10,933 | 11,146 | - | - |
| | 国内エネルギー・電力 Domestic Energy / Electricity | - | - | - | - | - | - | - | 387 | 395 | 415 | 268 | - | - |
| | 国内エネルギー Domestic Energy | - | - | - | - | - | - | - | - | - | - | - | - | 11,382 |
| | 海外エネルギー International Energy | 79 | 109 | - | 135 | 147 | 157 | - | 191 | 194 | 287 | 292 | - | 239 |
| | 環境・非エネルギー Environment and non-energies | 6,789 | 8,101 | - | - | - | - | - | - | - | - | - | - | - |
| ライフ&ビジネス ソリューション Life & Business Solutions | - | - | - | 7,936 | 8,462 | 8,537 | - | 8,610 | 8,662 | 8,908 | 9,235 | - | 9,340 | |

(参考 Reference)

| | 会計年度 FY | 13.3 | 14.3 | 15.3 | 16.3 | 17.3 | 18.3 | 19.3 | 20.3 | 21.3 | 22.3 |
|--|------------|--------|------|------|------|--------|--------|--------|-------|-------|-------|
| 数理計算上の差異の費用処理額(利益影響) Amount of recognizing actual gains and losses and past service costs (impact on profit) | | -2,405 | 223 | -447 | -676 | -8,906 | -9,272 | -2,591 | 3,396 | 2,884 | 7,146 |

国内エネルギー Domestic Energy

1 国内エネルギー内訳 Breakdown of Domestic Energy

(百万円 million yen)

| | 会計年度 FY | 13.3 | 14.3 | 14.3(新 New) | 15.3 | 16.3 | 17.3 | 17.3(新 New) | 18.3 | 19.3 | 20.3 | 21.3 | 21.3(新 New) | 22.3 |
|----------------------------------|--|-----------|-----------|-------------|-----------|-----------|---------|-------------|-----------|-----------|-----------|-----------|-------------|-----------|
| 売上高 Net sales | ガス Gas | 1,038,550 | 1,119,526 | 1,119,526 | 1,136,975 | 948,501 | 802,331 | - | - | - | - | - | - | - |
| | 国内エネルギー・ガス Domestic Energy / Gas | - | - | - | - | - | 911,292 | 976,269 | 1,012,642 | 976,963 | 916,089 | - | - | - |
| | LPG・電力・その他エネルギー LPG, Electricity and Other Energy | 215,502 | 257,970 | 261,061 | 243,746 | 206,433 | 209,026 | - | - | - | - | - | - | - |
| | 国内エネルギー・電力 Domestic Energy / Electricity | - | - | - | - | - | 107,515 | 157,752 | 184,313 | 201,561 | 247,291 | - | - | - |
| | 国内エネルギー Domestic Energy | - | - | - | - | - | - | - | - | - | - | - | 1,158,333 | 1,336,105 |
| | 大阪ガス(株) Osaka Gas Co., Ltd. | 1,109,173 | 1,221,846 | 1,221,846 | 1,251,835 | 1,039,733 | 906,854 | 906,854 | 1,039,629 | 1,104,537 | 1,084,389 | 1,053,584 | 1,053,584 | 1,202,275 |
| | 大阪ガス住宅設備(株) Osaka Gas Housing & Equipment Co., Ltd. | 16,147 | 17,847 | 17,847 | 14,953 | 15,481 | 16,992 | 16,992 | 17,671 | 17,832 | 17,705 | - | - | - |
| | (株)OGCTS *1 OGCTS Co., Ltd. 1 | 26,399 | 26,126 | 26,126 | 24,949 | 23,039 | 26,514 | 26,514 | 27,013 | 30,082 | 32,398 | - | - | - |
| | 大阪ガスマーケティング(株) *2 Osaka Gas Marketing Co., Ltd. 2 | - | - | - | - | - | - | - | - | - | - | 44,519 | 44,519 | 45,647 |
| | Daigasエナジー(株) *2 Daigas Energy Co., Ltd. 2 | - | - | - | - | - | - | - | - | - | - | 41,956 | 41,956 | 49,614 |
| | 大阪ガスインターナショナルトランスポート(株) Osaka Gas International Transport Inc. | - | - | - | - | - | - | - | - | - | - | - | 21,180 | 23,780 |
| セグメント利益 Segment profit (loss) | ガス Gas | 23,373 | 32,077 | 32,077 | 50,293 | 95,724 | 48,123 | - | - | - | - | - | - | - |
| | 国内エネルギー・ガス Domestic Energy / Gas | - | - | - | - | - | 55,254 | 42,987 | 35,809 | 53,200 | 65,335 | - | - | - |
| | 持分法による投資利益又は損失 Share of profit (loss) of entities accounted for using equity method | 4 | -2,016 | -2,016 | -248 | 44 | 67 | 312 | 943 | 1,031 | 534 | 1,050 | - | - |
| | LPG・電力・その他エネルギー LPG, Electricity and Other Energy | 38,275 | 43,890 | 45,346 | 41,697 | 28,852 | 22,075 | - | - | - | - | - | - | - |
| | 国内エネルギー・電力 Domestic Energy / Electricity | - | - | - | - | - | 16,208 | 20,714 | 8,724 | 7,855 | 15,032 | - | - | - |
| | 持分法による投資利益又は損失 Share of profit (loss) of entities accounted for using equity method | 482 | 770 | 770 | -570 | -904 | 388 | 142 | 146 | -625 | -517 | -706 | - | - |
| | 国内エネルギー Domestic Energy | - | - | - | - | - | - | - | - | - | - | - | 85,597 | 38,694 |
| | 大阪ガス(株) Osaka Gas Co., Ltd. | 46,014 | 60,740 | 60,740 | 80,190 | 112,054 | 55,345 | 55,345 | 47,722 | 27,946 | 45,788 | 60,496 | 60,496 | 10,172 |
| | 大阪ガス住宅設備(株) Osaka Gas Housing & Equipment Co., Ltd. | 536 | 669 | 669 | 264 | 357 | 570 | 570 | 568 | 610 | 710 | - | - | - |
| | (株)OGCTS *1 OGCTS Co., Ltd. 1 | 1,160 | 1,444 | 1,444 | 1,353 | 1,455 | 2,081 | 2,081 | 1,958 | 2,221 | 2,224 | - | - | - |
| | 大阪ガスマーケティング(株) *2 Osaka Gas Marketing Co., Ltd. 2 | - | - | - | - | - | - | - | - | - | - | 3,649 | 3,649 | 3,978 |
| | Daigasエナジー(株) *2 Daigas Energy Co., Ltd. 2 | - | - | - | - | - | - | - | - | - | - | 3,169 | 3,169 | 4,789 |
| | 大阪ガスインターナショナルトランスポート(株) Osaka Gas International Transport Inc. | - | - | - | - | - | - | - | - | - | - | - | 2,353 | 1,677 |
| | 持分法による投資利益又は損失 Share of profit (loss) of entities accounted for using equity method | - | - | - | - | - | - | - | - | - | - | - | 343 | 2,253 |

*1 2015年1月1日付で社名を(株)クリエイティブテクノソリューションから(株)OGCTSに変更。

1 The company name changed from Creative Techno Solution Co., Ltd. to OGCTS Co., Ltd. from January 1st, 2015.

*2 21年3月期より、大阪ガス住宅設備(株)が行っていた機器販売事業およびリフォーム事業を吸収分割により大阪ガスマーケティング(株)に承継し、(株)OGCTSをDaigasエナジー(株)に吸収合併。

2 From FY21.3, Osaka Gas Marketing Co., Ltd. took over the housing equipment sales and renovation business in Osaka Gas Housing & Equipment Co., Ltd. and OGCTS Co., Ltd. were merged into Daigas Energy Co., Ltd.

* その他のセグメント間の注記はP.13を参照。

* See P.13 notes for other segment information.

2 ガス事業粗利(個別) Profit of gas business (Non-consolidated)

(百万円 million yen)

| 会計年度 FY | 13.3 | 14.3 | 15.3 | 16.3 | 17.3 | 18.3 | 19.3 | 20.3 | 21.3 | 22.3 |
|--|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| ガス事業売上高 Sales from gas business | 844,482 | 917,493 | 941,414 | 759,522 | 616,631 | 662,475 | 679,170 | 640,724 | 551,187 | 619,977 |
| 原材料費 Raw material costs | 519,938 | 597,772 | 595,786 | 367,761 | 286,621 | 345,488 | 393,279 | 345,135 | 239,951 | 355,562 |
| ガス事業粗利 Gross profit of gas business | 324,543 | 319,721 | 345,627 | 391,761 | 330,010 | 316,986 | 285,891 | 295,588 | 311,236 | 264,414 |

定義 Definition

ガス事業粗利 = ガス事業売上高 - 原材料費
Gross profit of gas business = Sales from gas business - Raw material costs

3 販売関連実績 Sales-related results

ガス販売量 Gas sales volume

(百万m³ million m³)

| 会計年度 FY | 13.3 | 14.3 | 15.3 | 16.3 | 17.3 | 18.3 | 19.3 | 20.3 | 21.3 | 22.3 |
|---|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 個別ガス販売量計 Non-consolidated gas sales volume total | 8,503 | 8,524 | 8,259 | 8,021 | 8,662 | 8,546 | 7,901 | 7,324 | 7,121 | 7,062 |
| 家庭用 Residential | 2,272 | 2,198 | 2,186 | 2,083 | 2,103 | 2,160 | 1,892 | 1,798 | 1,862 | 1,814 |
| 業務用等 Non-Residential | - | - | - | - | - | 6,387 | 6,010 | 5,526 | 5,259 | 5,248 |
| 商業用 Commercial | 898 | 890 | 857 | 833 | 844 | - | - | - | - | - |
| 公・医療用 Public and medical | 642 | 638 | 608 | 577 | 618 | - | - | - | - | - |
| 工業用 Industrial | 4,222 | 4,329 | 4,133 | 4,059 | 4,609 | - | - | - | - | - |
| 他ガス事業者向け Wholesale | 469 | 469 | 474 | 469 | 489 | - | - | - | - | - |
| うち大口供給 Supply for non-regulated customers | 4,894 | 4,988 | 4,755 | 4,647 | 5,218 | - | - | - | - | - |
| 家庭用1戸当たり販売量 (m ³ /月・件) Monthly gas sales volume per household (m ³ /month) | 32.5 | 31.3 | 30.9 | 29.3 | 29.3 | 30.8 | 28.7 | 29.2 | 31.6 | 31.8 |
| 国内ガス販売量計 (連結) Domestic Gas Sales Volume total (Consolidated) | 8,534 | 8,554 | 8,290 | 8,052 | 8,694 | 8,580 | 7,935 | 7,362 | 7,157 | 7,096 |
| 個別ガス供給件数 *1 (千件) Non-consolidated unit for gas supply ¹ (thousand) | 7,086 | 7,136 | 7,196 | 7,252 | 6,230 | 5,970 | 5,553 | 5,225 | 5,031 | 4,915 |
| ガス供給件数 *2 (千件) Number of units for gas supply ² (thousand) | - | - | - | - | - | - | - | - | 5,144 | 5,026 |

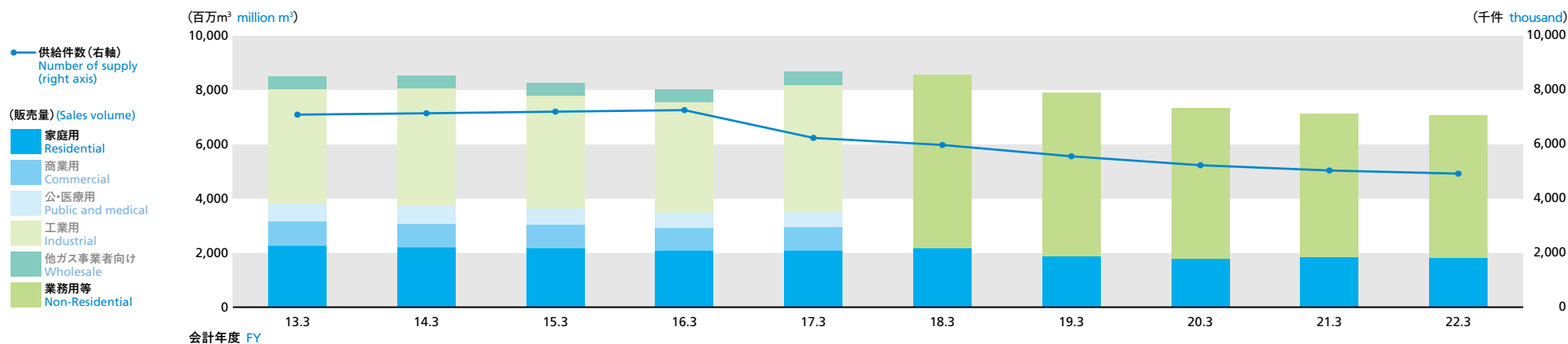
*1 ガス供給件数 = 取付メーター数 - 閉栓中メーター数 (空家等) - 他社ガス供給件数。16年3月期以前は取付けメーター数

*1 Number of units for gas supply = number of meters installed - number of meters unused (unoccupied houses, etc.) - number of units of gas supply from other companies. Prior to FY16.3, Number of meters installed.

*2 国内連結ベース

2 Domestic consolidated basis

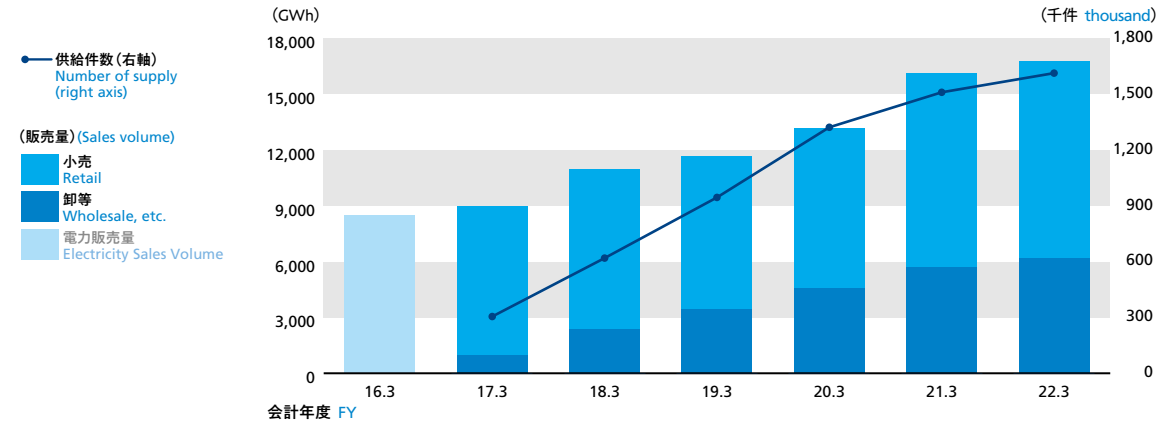
個別ガス販売量 Non-consolidated gas sales volume



電力販売量(連結) Electricity sales volume (Consolidated)

| 会計年度 FY | 16.3 | 17.3 | 18.3 | 19.3 | 20.3 | 21.3 | 22.3 |
|---|-------|-------|--------|--------|--------|--------|---------------|
| 小売 Retail | – | 995 | 2,355 | 3,457 | 4,617 | 5,721 | 6,189 |
| 卸等 Wholesale, etc. | – | 7,954 | 8,596 | 8,196 | 8,572 | 10,412 | 10,571 |
| 合計 Total | 8,503 | 8,948 | 10,951 | 11,653 | 13,189 | 16,133 | 16,760 |
| 低圧電気供給件数(千件) Number of low-voltage electricity supply (thousand) | – | 305 | 619 | 945 | 1,322 | 1,510 | 1,613 |

電力販売 Electricity sales



お客さまアカウント数* Number of customer accounts *

| 会計年度 FY | 17.3 | 18.3 | 19.3 | 20.3 | 21.3 | 22.3 |
|--|------|------|------|------|------|------------|
| お客さまアカウント数* Number of customer accounts * | 800 | 827 | 875 | 910 | 940 | 981 |

* ガス・電力、LPG、エネファーム、住ミカタ・サービス、ユーティリティエージェント等の契約数の合計
* Total number of contracts for gas, electricity, LPG, ENE FARM, "Sumikata" services, Utility Agent, etc.

(参考) 大阪市の平均気温 (Reference) Average temperature of Osaka City

| 会計年度 FY | 13.3 | 14.3 | 15.3 | 16.3 | 17.3 | 18.3 | 19.3 | 20.3 | 21.3 | 22.3 |
|-----------------------------|------|------|------|------|------|------|------|------|------|-------------|
| 平均気温 Average temperature | 16.7 | 17.1 | 16.8 | 17.4 | 17.4 | 16.8 | 17.7 | 17.8 | 17.6 | 17.2 |

出典: 気象庁
Source: Japan Meteorological Agency

主要ガス機器販売実績 Sales of major gas appliances

| 会計年度 FY | 13.3 | 14.3 | 15.3 | 16.3 | 17.3 | 18.3 | 19.3 | 20.3 | 21.3 | 22.3 |
|--|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 家庭用ガスコージェネレーションシステム(台) Gas co-generation system for residential use (units) | 13,074 | 13,625 | 16,394 | 13,166 | 16,965 | 18,830 | 18,669 | 18,695 | 22,034 | 17,511 |
| 業務用ガスコージェネレーション稼働実績 *1 (千kW) Gas co-generation for industrial running capacity ¹ (thousand kW) | 1,486 | 1,519 | 1,581 | 1,580 | 1,589 | 1,573 | 1,571 | 1,544 | 1,542 | 1,530 |
| ガス空調 *2 (千kW) Gas heat pump ² (thousand kW) | 542 | 594 | 540 | 566 | 539 | 476 | 459 | 530 | 383 | 431 |

*1 各年度までに設置したストックの実績

1 Cumulative results installed by each fiscal year.

*2 出荷ベース

2 Shipping basis

都市ガス製造所別設備数 Number of Facilities in City Gas Processing Terminals

| | 泉北製造所 Senboku terminal | 姫路製造所 Himeji terminal |
|---|---------------------------|--------------------------|
| LNG 気化能力(千m ³ /時) LNG vaporization capacity (1,000 m ³ / hour) | 1,870 | 891 |
| 主要設備 Main facilities | | |
| LNG 気化設備(基) LNG vaporization facility (units) | 21 | 7 |
| LNGタンク(基) LNG tanks (units) | 17 | 8 |
| LNGタンク総容量(kl) Total LNG tank capacity (kl) | 1,660,000 | 740,000 |
| 主原料 Main materials | LNG | LNG |

導管延長の推移 Change in total length of gas pipes

| 会計年度 FY | 13.3 | 14.3 | 15.3 | 16.3 | 17.3 | 18.3 | 19.3 | 20.3 | 21.3 | 22.3 |
|--|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 高圧 *1 High-pressure ¹ | 642 | 738 | 738 | 741 | 741 | 741 | 742 | 749 | 748 | 761 |
| 中圧A *2 Medium-pressure A ² | 1,781 | 1,807 | 1,848 | 1,879 | 1,903 | 1,917 | 1,919 | 1,929 | 1,940 | 1,942 |
| 中圧B *3 Medium-pressure B ³ | 4,503 | 4,514 | 4,532 | 4,548 | 4,563 | 4,576 | 4,588 | 4,599 | 4,610 | 4,621 |
| 低圧本管 *4 Low-pressure main pipe ⁴ | 15,825 | 15,926 | 16,000 | 16,075 | 16,128 | 16,187 | 16,254 | 16,333 | 16,388 | 16,441 |
| 本管計 Length of main pipes | 22,751 | 22,984 | 23,117 | 23,243 | 23,335 | 23,421 | 23,504 | 23,610 | 23,686 | 23,766 |
| 支管 Length of branch pipes | 26,706 | 26,877 | 27,010 | 27,137 | 27,255 | 27,367 | 27,485 | 27,588 | 27,697 | 27,777 |
| 本支管計 Total Length of main and branch pipes | 49,457 | 49,861 | 50,128 | 50,380 | 50,590 | 50,788 | 50,989 | 51,198 | 51,383 | 51,543 |
| 供給管 Length of supply pipes | 10,819 | 10,892 | 10,950 | 11,011 | 11,077 | 11,132 | 11,187 | 11,234 | 11,289 | 11,337 |
| 本支供管計 Total Length of pipes, including supply pipes | 60,276 | 60,754 | 61,078 | 61,391 | 61,666 | 61,919 | 62,175 | 62,432 | 62,671 | 62,880 |

*1 最高使用ガス圧力が1.0MPa以上のもの

1 1.0 MPa or higher in maximum pressure of gas distributed

*2 最高使用ガス圧力が0.3MPa以上1.0MPa未満のもの

2 0.3 MPa or higher and less than 1.0 MPa in maximum pressure of gas distributed

*3 最高使用ガス圧力が0.1MPa以上0.3MPa未満のもの

3 0.1 MPa or higher and less than 0.3 MPa in maximum pressure of gas distributed

*4 最高使用ガス圧力が0.1MPa未満のもの

4 Less than 0.1 MPa in maximum pressure of gas distributed

4 ガス・電力の自由化の状況 Situation of retail gas and electricity deregulation

ガス・電力小売自由化の変遷 Historical development of retail gas and electricity deregulation

| 暦年 Calendar year | 1995 | 1999 | 2000 | 2004 | 2005 | 2007 | 2016 | 2017 |
|---|--|---|--|---|----------------------|--|----------------------------|--------------------------------|
| 電力の小売自由化範囲(契約電力) Scope of retail electricity deregulation (contract demand) | — | — | 2,000kW 以上 Over 2,000kW | 500kW 以上 Over 500kW | 50kW 以上 Over 50kW | — | 全面自由化 Full deregulation | — |
| 主な対象 Main targets | — | — | 特別高圧(大規模工場・ デパート・オフィスビル) Special high-voltage customers (largescale factories, department stores, office buildings) | 高圧(中小ビル・中小規模工場) High-voltage customers (small and medium-sized buildings, small and medium-scale factories) | | 低圧(家庭・商店など) Low-voltage customers (residential, stores) | | |
| ガスの小売自由化範囲(年間ガス使用量) Scope of retail gas deregulation (annual gas consumption) | 200万m ³ 以上 Over 2 million m ³ | 100万m ³ 以上 Over 1 million m ³ | — | 50万m ³ 以上 Over 500,000 m ³ | — | 10万m ³ 以上 Over 100,000 m ³ | | 全面自由化 Full deregulation |
| 主な対象 Main targets | 大工場・大病院 Large factories, large hospitals | 大商業施設・大型ホテル Large commercial facilities, large hotels | — | 中工場・中ホテル Medium factories, medium hotels | — | 工場・中病院・商業施設中ホテル Factories, medium hospitals, commercial facilities, hotels | | 家庭・商店など Residential, stores |

出典: 経済産業省 資源エネルギー庁「電力小売自由化の歴史」、一般社団法人 日本ガス協会「ガス小売全面自由化の経緯などについて」

Source: Agency for Natural Resources and Energy, Ministry of Economy, Trade and Industry, History of Deregulation of Electricity Retail The Japan Gas Association, Regarding Background of Full Deregulation of Gas Retail

(参考) 顧客数 (Reference) Number of customers (3月末時点 As of March 31)

| 暦年 Calendar year | 18.3 | 19.3 | 20.3 | 21.3 | 22.3 |
|-----------------------------------|------------|------------|------------|------------|------------|
| ガス(契約件数) Gas Contracts | | | | | |
| 関東 Kanto | 13,791,565 | 13,995,254 | 14,202,877 | 14,314,265 | 14,394,956 |
| 近畿 Kinki | 6,573,979 | 6,620,705 | 6,687,228 | 6,731,209 | 6,767,955 |
| 全国 All over Japan | 26,884,671 | 27,154,803 | 27,467,464 | 27,613,136 | 27,741,003 |
| 電力(契約口数) Electricity Contracts | | | | | |
| 東京 Tokyo | 30,208,036 | 30,461,275 | 30,771,502 | 30,952,788 | 31,147,872 |
| 関西 Kansai | 13,926,229 | 14,014,326 | 14,095,084 | 14,132,174 | 14,237,578 |
| 全国 All over Japan | 87,060,517 | 87,619,574 | 88,329,068 | 88,747,210 | 89,162,816 |

出典: 電力・ガス取引監視等委員会

Source: Electricity and Gas Market Surveillance Commission

(参考) 販売量 (Reference) Sales volume

| 会計年度 FY | 18.3 | 19.3 | 20.3 | 21.3 | 22.3 |
|--|---------|---------|---------|---------|---------|
| ガス(百万m ³) Gas (million m ³) | | | | | |
| 関東 Kanto | 20,512 | 20,062 | 19,280 | 18,420 | 19,465 |
| 近畿 Kinki | 9,291 | 8,824 | 8,466 | 8,557 | 8,606 |
| 全国 All over Japan | 39,652 | 38,699 | 37,547 | 36,640 | 38,167 |
| 電力(百万kWh) Electricity (GWh) | | | | | |
| 東京 Tokyo | 276,931 | 274,964 | 269,914 | 265,404 | 267,169 |
| 関西 Kansai | 139,856 | 137,299 | 134,548 | 130,843 | 134,084 |
| 全国 All over Japan | 860,308 | 849,732 | 832,386 | 816,430 | 832,090 |

出典: 電力・ガス取引監視等委員会

Source: Electricity and Gas Market Surveillance Commission

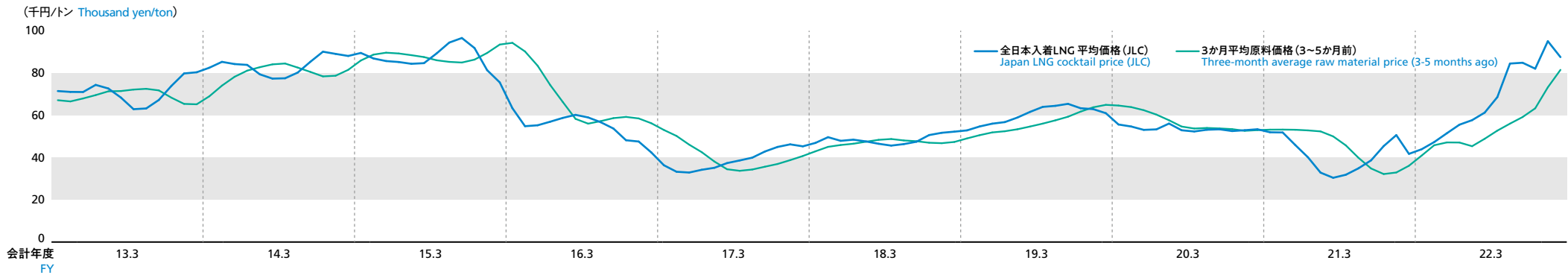
5 ガス・電力料金 Tariff of gas and electricity

原料費調整制度 Fuel cost adjustment system

| 1月 Jan. | 2月 Feb. | 3月 Mar. | 4月 Apr. | 5月 May | 6月 Jun. | 7月 Jul. | 8月 Aug. | 9月 Sep. | 10月 Oct. | 11月 Nov. | 12月 Dec. |
|--|--|--|--|--|--|--|--|------------------|------------------|------------------|------------------|
| 3か月平均原料価格 Feedstock price 3-month average | | | | | 反映 Reflection | | | | | | |
| | 3か月平均原料価格 Feedstock price 3-month average | | | | | 反映 Reflection | | | | | |
| | | 3か月平均原料価格 Feedstock price 3-month average | | | | | 反映 Reflection | | | | |
| | | | 3か月平均原料価格 Feedstock price 3-month average | | | | | 反映 Reflection | | | |
| | | | | 3か月平均原料価格 Feedstock price 3-month average | | | | | 反映 Reflection | | |
| | | | | | 3か月平均原料価格 Feedstock price 3-month average | | | | | 反映 Reflection | |
| | | | | | | 3か月平均原料価格 Feedstock price 3-month average | | | | | 反映 Reflection |
| | | | | | | | 3か月平均原料価格 Feedstock price 3-month average | | | | 反映 Reflection |

* 原料は主にLNG
* Feedstock is mainly LNG

価格指標 Price indices



出典:財務省貿易統計 Source: Trade Statistics of Japan

タイムラグ差損益 Profit (Loss) on fuel cost adjustment system

(百万円 million yen)

| 会計年度 FY | 13.3 | 14.3 | 15.3 | 16.3 | 17.3 | 18.3 | 19.3 | 20.3 | 21.3 | 22.3 |
|--|---------|---------|--------|--------|--------|------|---------|-------|-------|---------|
| タイムラグ差損益*1,2 Profit (Loss) on fuel cost adjustment system 1,2 | -20,789 | -20,555 | 12,362 | 81,712 | 13,789 | 519 | -13,273 | 6,513 | 1,696 | -62,321 |

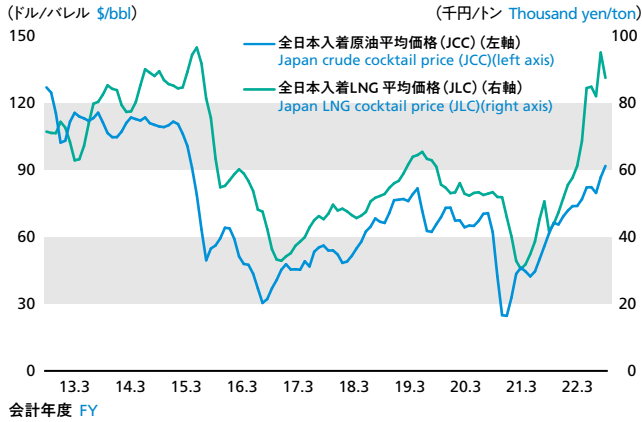
*1 原料費調整制度・燃料費調整制度に基づき、原燃料の変動を販売単価に反映するまでの一時的な増減益
1 Temporary increase (decrease) in profit until the fluctuation in raw material costs is reflected in the unit selling price under the fuel cost adjustment system

*2 21年3月期から電力事業のタイムラグ差損益を含む
2 Including time-lag effect of electricity business from FY21.3

6 原料調達 Procurement

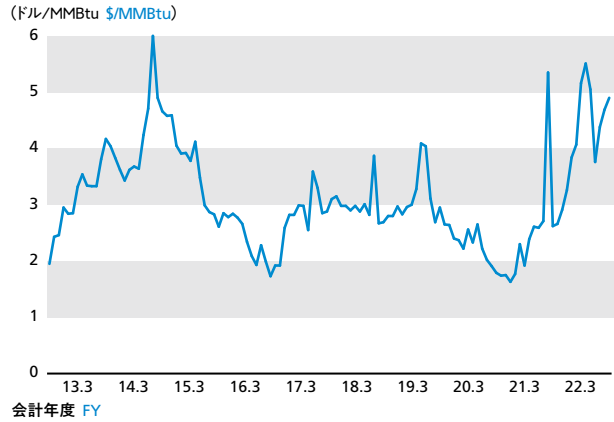
(参考) 価格指標、為替 (Reference) Price indices, Exchange rate

全日本入着原油平均価格 (JCC) Japan crude cocktail price (JCC)
 全日本入着LNG平均価格 (JLC) Japan LNG cocktail price (JLC)



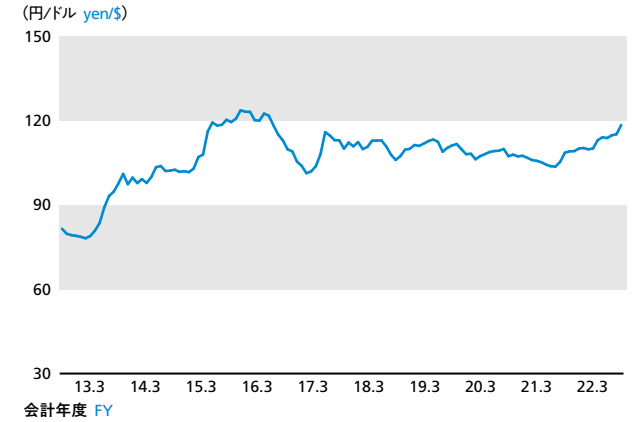
出典:石油連盟
 Source : Petroleum Association of Japan

ヘンリーハブ天然ガススポット価格 Henry Hub Natural Gas Spot Price



出典:米国エネルギー情報局
 Source : U.S. Energy Information Administration, EIA

為替 Exchange rates



出典:㈱三菱UFJ銀行
 Source : MUFG Bank, Ltd.

DaigasグループのLNG船一覧 LNG Carriers of Daigas group (2022年3月31日現在 As of March 31, 2022)

| 船名 Name | 就航年月 Delivery | 容量 Capacity |
|-------------|----------------------------|------------------------|
| LNG JAMAL | 2000年10月 October, 2000 | 135,000 m ³ |
| LNG DREAM | 2006年9月 September, 2006 | 145,000 m ³ |
| LNG BARKA | 2008年12月 December, 2008 | 153,000 m ³ |
| LNG JUPITER | 2009年7月 July, 2009 | 153,000 m ³ |
| LNG VENUS | 2014年11月 November, 2014 | 153,000 m ³ |
| LNG SATURN | 2016年1月 January, 2016 | 153,000 m ³ |
| LNG MARS | 2016年10月 October, 2016 | 153,000 m ³ |
| LNG JUNO | 2018年11月 November, 2018 | 180,000 m ³ |

(参考) 全日本貿易統計 (Reference) All Japan Trade Statistics

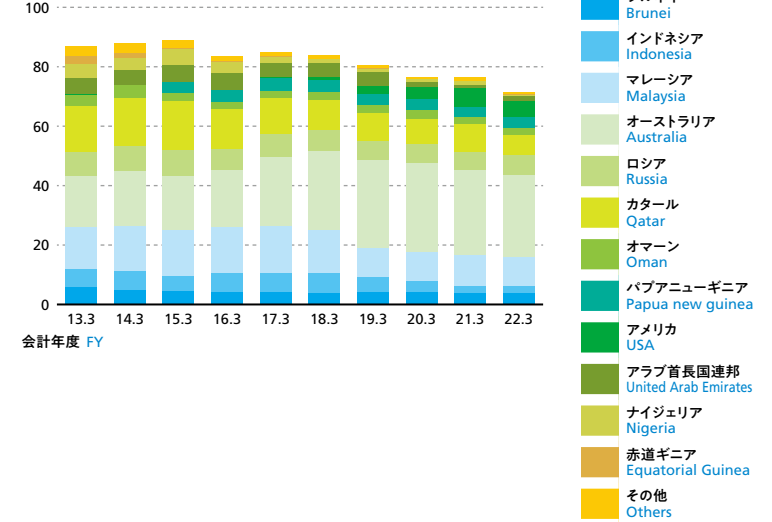
(千トン thousand ton)

| 会計年度 FY | 13.3 | 14.3 | 15.3 | 16.3 | 17.3 | 18.3 | 19.3 | 20.3 | 21.3 | 22.3 |
|----------------------------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| ブルネイ Brunei | 5,914 | 4,772 | 4,431 | 4,072 | 4,044 | 4,013 | 4,320 | 4,249 | 4,015 | 4,011 |
| インドネシア Indonesia | 5,776 | 6,568 | 5,184 | 6,392 | 6,652 | 6,663 | 4,759 | 3,369 | 2,139 | 2,170 |
| マレーシア Malaysia | 14,269 | 15,005 | 15,316 | 15,602 | 15,549 | 14,238 | 9,960 | 9,938 | 10,469 | 9,787 |
| オーストラリア Australia | 17,057 | 18,377 | 18,336 | 19,123 | 23,502 | 26,826 | 29,449 | 29,970 | 28,442 | 27,342 |
| ロシア Russia | 8,366 | 8,584 | 8,514 | 7,106 | 7,709 | 7,062 | 6,386 | 6,315 | 6,390 | 6,799 |
| カタール Qatar | 15,252 | 16,173 | 16,500 | 13,212 | 11,907 | 9,863 | 9,692 | 8,593 | 9,119 | 7,058 |
| オマーン Oman | 3,794 | 4,229 | 3,002 | 2,491 | 2,526 | 2,837 | 2,631 | 2,951 | 2,395 | 2,229 |
| パプアニューギニア Papua new guinea | - | - | 3,403 | 4,018 | 4,107 | 3,966 | 3,431 | 3,604 | 3,454 | 3,484 |
| アメリカ USA | 208 | - | 253 | 157 | 479 | 940 | 2,829 | 4,166 | 6,168 | 5,606 |
| アラブ首長国連邦 United Arab Emirates | 5,544 | 5,282 | 5,695 | 5,639 | 4,863 | 4,739 | 4,736 | 1,444 | 1,033 | 1,395 |
| ナイジェリア Nigeria | 4,531 | 3,892 | 5,108 | 3,717 | 1,801 | 1,360 | 1,053 | 1,062 | 1,487 | 541 |
| 赤道ギニア Equatorial Guinea | 2,850 | 1,796 | 659 | 449 | 540 | 57 | 64 | 69 | 137 | 187 |
| その他 Others | 3,306 | 3,052 | 2,671 | 1,592 | 1,070 | 1,323 | 1,242 | 768 | 1,109 | 851 |
| 合計 Total | 86,865 | 87,731 | 89,071 | 83,571 | 84,749 | 83,888 | 80,553 | 76,498 | 76,357 | 71,459 |

出典：財務省貿易統計
Source : Trade Statistics of Japan

(参考) 全日本貿易統計 (Reference) All Japan Trade Statistics

(百万トン million ton)



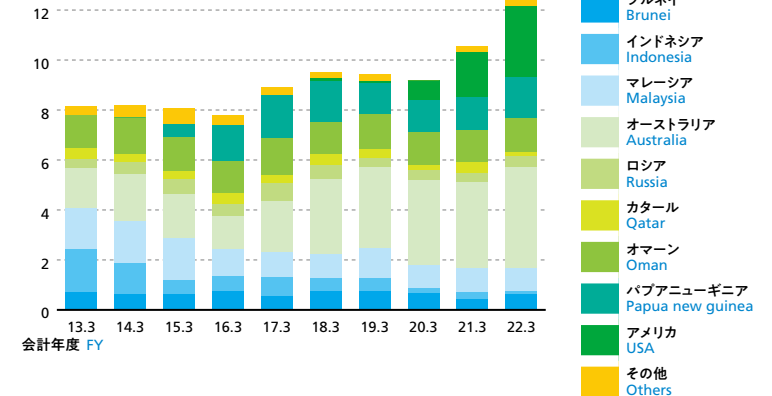
Daigasグループ LNG取扱量 LNG handled by Daigas group

(千トン thousand ton)

| 会計年度 FY | 13.3 | 14.3 | 15.3 | 16.3 | 17.3 | 18.3 | 19.3 | 20.3 | 21.3 | 22.3 |
|-------------------------------|-------|-------|-------|-------|-------|-------|-------|-------|--------|--------|
| ブルネイ Brunei | 731 | 640 | 626 | 763 | 556 | 765 | 781 | 704 | 454 | 641 |
| インドネシア Indonesia | 1,713 | 1,250 | 587 | 612 | 750 | 523 | 505 | 175 | 285 | 127 |
| マレーシア Malaysia | 1,654 | 1,678 | 1,684 | 1,063 | 1,025 | 940 | 1,203 | 936 | 945 | 942 |
| オーストラリア Australia | 1,587 | 1,864 | 1,749 | 1,325 | 2,039 | 3,024 | 3,225 | 3,398 | 3,436 | 4,011 |
| ロシア Russia | 386 | 505 | 577 | 507 | 703 | 575 | 384 | 382 | 384 | 449 |
| カタール Qatar | 410 | 296 | 359 | 409 | 359 | 415 | 354 | 238 | 421 | 179 |
| オマーン Oman | 1,333 | 1,476 | 1,348 | 1,309 | 1,454 | 1,269 | 1,389 | 1,322 | 1,271 | 1,335 |
| パプアニューギニア Papua new guinea | - | - | 539 | 1,451 | 1,724 | 1,667 | 1,252 | 1,243 | 1,308 | 1,663 |
| アメリカ USA | - | - | - | - | - | 132 | 60 | 788 | 1,836 | 2,823 |
| その他 Others | 339 | 479 | 605 | 363 | 305 | 208 | 265 | - | 235 | 274 |
| 合計 Total | 8,153 | 8,187 | 8,075 | 7,802 | 8,915 | 9,519 | 9,419 | 9,186 | 10,575 | 12,443 |

Daigasグループ LNG取扱量 LNG handled by Daigas group

(百万トン million ton)



海外エネルギー International Energy

海外エネルギー内訳 Breakdown of International Energy

(百万円 million yen)

| 会計年度 FY | 13.3 | 14.3 | 14.3(新 New) | 15.3 | 16.3 | 17.3 | 17.3(新 New) | 18.3 | 19.3 | 20.3 | 21.3 | 21.3(新 New) | 22.3 |
|--|--------|--------|-------------|--------|--------|--------|-------------|--------|--------|--------|--------|-------------|--------|
| 売上高 Net sales | 10,764 | 13,332 | 13,372 | 13,714 | 18,701 | 22,632 | 22,632 | 22,570 | 40,489 | 61,254 | 69,199 | 44,299 | 80,779 |
| Osaka Gas Australia Pty Ltd | - | - | - | - | - | - | - | 5,820 | 13,859 | 14,661 | 7,597 | 7,597 | 17,845 |
| Osaka Gas USA Corporation | - | - | - | 912 | 8,836 | 9,854 | 9,854 | 4,011 | 11,153 | 17,758 | 35,582 | 35,582 | 61,594 |
| Osaka Gas Energy America Corporation *1 | 4,763 | 6,525 | 6,525 | 5,189 | - | - | - | - | - | - | - | - | - |
| Osaka Gas Resources America Corporation *1 | 116 | 950 | 950 | 356 | - | - | - | - | - | - | - | - | - |
| 大阪ガスインターナショナルトランスポート(株) Osaka Gas International Transport Inc. | 1,947 | 2,007 | 1,933 | 1,864 | 3,164 | 6,063 | 6,063 | 7,800 | 10,606 | 23,631 | 21,180 | - | - |
| セグメント利益 Segment profit | 7,649 | 7,777 | 8,229 | 1,261 | -277 | 7,477 | 8,000 | -5,338 | 5,974 | 8,162 | 22,115 | 16,886 | 44,330 |
| Osaka Gas Australia Pty Ltd | - | - | - | - | - | - | - | 1,194 | 5,538 | 6,088 | -2,367 | -2,367 | 9,181 |
| Osaka Gas USA Corporation | - | - | - | -7,512 | 3,434 | 4,905 | 4,905 | -8,836 | -2,173 | -5,000 | 8,620 | 8,620 | 27,837 |
| Osaka Gas Energy America Corporation *1 | 1,867 | 2,927 | 2,927 | 2,303 | - | - | - | - | - | - | - | - | - |
| Osaka Gas Resources America Corporation *1 | -268 | -3,808 | -3,808 | -454 | - | - | - | - | - | - | - | - | - |
| 大阪ガスインターナショナルトランスポート(株) Osaka Gas International Transport Inc. | 681 | 610 | 610 | -373 | 985 | 1,608 | 1,608 | 2,338 | 1,558 | 1,626 | 2,353 | - | - |
| 持分法による投資利益又は損失 Share of profit (loss) of entities accounted for using equity method | 5,570 | 8,551 | 9,029 | 7,511 | -4,594 | 807 | 1,330 | -831 | 691 | 5,209 | 13,274 | 13,274 | 10,587 |
| 出光スノーレ石油開発(株) Idemitsu Snorre Oil Development Co., Ltd. | 2,807 | 4,779 | 4,779 | 3,815 | 159 | 1,832 | 1,832 | 3,809 | 3,880 | 2,345 | 6,254 | 6,254 | 3,556 |
| 北米IPP事業(火力) *2 IPP projects in North America (Thermal) 2 | - | - | - | - | - | - | - | - | 1,014 | 931 | 1,795 | 1,795 | 4,278 |

*1 Osaka Gas Energy America Corporation、Osaka Gas Resources America CorporationをOsaka Gas Freedom Energy Corporationに統合。Osaka Gas Freedom Energy Corporationの社名をOsaka Gas USA Corporationに変更。これら米国子会社再編は2014年8月31日付で完了。

1 Osaka Gas Energy America Corporation and Osaka Gas Resources America Corporation were merged into Osaka Gas Freedom Energy Corporation. The company name changed from Osaka Gas Freedom Energy Corporation to Osaka Gas USA Corporation. Restructuring of these U.S.A subsidiaries was completed on August 31st, 2014.

*2 ヘッジ会計適用外のデリバティブ時価評価影響を除く
2 Excluding profit/loss on market value of derivative

ライフ& ビジネス ソリューション Life & Business Solutions

ライフ& ビジネス ソリューション内訳 Breakdown of Life & Business Solutions

(百万円 million yen)

| 会計年度 FY | | 13.3 | 14.3 | 14.3(新 New) | 15.3 | 16.3 | 17.3 | 17.3(新 New) | 18.3 | 19.3 | 20.3 | 21.3 | 21.3(新 New) | 22.3 |
|--|--|---------|---------|-------------|---------|---------|---------|-------------|---------|---------|---------|---------|-------------|---------|
| 売上高 Net sales | 環境・非エネルギー Environment and non-energies | 185,643 | 199,677 | - | - | - | - | - | - | - | - | - | - | - |
| | ライフ&ビジネス ソリューション Life & Business Solutions | - | - | 196,547 | 207,521 | 221,702 | 217,600 | 208,373 | 201,472 | 210,914 | 219,432 | 216,585 | 216,585 | 237,086 |
| | 大阪ガス都市開発(株) *1 Osaka Gas Urban Development Co., Ltd. 1 | 20,561 | 29,138 | 29,138 | 28,389 | 23,636 | 27,927 | 27,927 | 25,589 | 21,095 | 22,021 | 26,685 | 26,685 | 28,296 |
| | (株)オーガス総研 Osaka Gas Information System Research Institute Co., Ltd. | 28,348 | 29,802 | 29,802 | 30,761 | 35,886 | 37,132 | 37,132 | 36,676 | 40,240 | 43,029 | 40,163 | 40,163 | 45,468 |
| | 大阪ガスケミカル(株) *2 Osaka Gas Chemicals Co., Ltd. 2 | 15,258 | 14,584 | 14,584 | 12,659 | 27,944 | 26,705 | 26,705 | 29,190 | 30,914 | 30,935 | 31,024 | 31,024 | 34,027 |
| | 日本エンバイロケミカルズ(株) *2 Japan EnviroChemicals, Ltd. 2 | 15,477 | 15,572 | 15,572 | 15,229 | - | - | - | - | - | - | - | - | - |
| | Jacobi Carbons AB | - | - | - | 21,614 | 25,299 | 23,131 | 23,131 | 25,566 | 29,962 | 31,060 | 31,560 | 31,560 | 31,560 |
| セグメント利益 Segment profit | 環境・非エネルギー Environment and non-energies | 19,068 | 20,809 | - | - | - | - | - | - | - | - | - | - | - |
| | ライフ&ビジネス ソリューション Life & Business Solutions | - | - | 18,901 | 16,581 | 18,834 | 20,414 | 18,627 | 18,284 | 17,714 | 19,676 | 19,250 | 19,295 | 23,516 |
| | 大阪ガス都市開発(株) *1 Osaka Gas Urban Development Co., Ltd. 1 | 6,017 | 7,063 | 7,063 | 6,700 | 6,148 | 7,657 | 7,657 | 6,865 | 6,548 | 6,688 | 7,777 | 7,777 | 7,794 |
| | (株)オーガス総研 Osaka Gas Information System Research Institute Co., Ltd. | 2,620 | 2,598 | 2,598 | 2,845 | 3,857 | 3,622 | 3,622 | 4,415 | 5,232 | 5,141 | 3,859 | 3,859 | 6,077 |
| | 大阪ガスケミカル(株) *2 Osaka Gas Chemicals Co., Ltd. 2 | -142 | -599 | -599 | -160 | 550 | 638 | 638 | 1,342 | 1,761 | 1,416 | 2,118 | 2,118 | 2,088 |
| | 日本エンバイロケミカルズ(株) *2 Japan EnviroChemicals, Ltd. 2 | 1,383 | 1,138 | 1,138 | 1,218 | - | - | - | - | - | - | - | - | - |
| | Jacobi Carbons AB | - | - | - | 2,846 | 2,714 | 2,870 | 2,870 | 2,404 | 579 | 2,742 | 3,431 | 3,431 | 3,740 |
| 持分法による投資利益又は損失 Share of profit (loss) of entities accounted for using equity method | 277 | 612 | 133 | 297 | 916 | 522 | - | - | - | - | - | - | - | |

*1 (株)アーバネックスの社名を2013年4月1日付で大阪ガス都市開発(株)に変更

1 The company name changed from Urbanex Co., Ltd to Osaka Gas Urban Development Co., Ltd. on April 1st, 2013.

*2 大阪ガスケミカル(株)が、2015年4月1日付で子会社の日本エンバイロケミカルズ(株)を吸収合併

2 Japan EnviroChemicals, Ltd was merged into Osaka Gas Chemicals Co., Ltd. as of April 1st, 2015.

成長投資の状況 Investments for growth

電源開発 Power source development

1 電源構成 Composition of generation (2022年3月末時点 As of March 31, 2022)

Daigasグループ 持分電源容量 Generation capacity of Daigas group (MW)

| | | 運転中 Operating | 建設中等 Under construction, etc | 合計 Total |
|----------------------------------|-------------------------------|------------------|---------------------------------|-------------|
| | LNG | 1,802 | 1,245 | 3,047 |
| | 石炭 Coal | 219 | - | 219 |
| | 火力 Thermal | 2,021 | 1,245 | 3,266 |
| | 再生可能エネルギー Renewable energy | 463 | 334 | 796 |
| | その他 Others | 7 | 0 | 7 |
| 国内計 Domestic | | 2,490 | 1,579 | 4,069 |
| | LNG | 1,859 | 188 | 2,046 |
| | 石炭 Coal | - | - | - |
| | 火力 Thermal | 1,859 | 188 | 2,046 |
| | 再生可能エネルギー Renewable energy | 61 | 33 | 94 |
| | 海外計 International | | 1,919 | 221 |
| | LNG | 3,660 | 1,433 | 5,093 |
| | 石炭 Coal | 219 | - | 219 |
| | 火力 Thermal | 3,879 | 1,433 | 5,312 |
| | 再生可能エネルギー Renewable energy | 523 | 367 | 890 |
| | その他 Others | 7 | 0 | 7 |
| 国内外合計 Domestic and International | | 4,409 | 1,800 | 6,209 |

(参考) 全日本電源容量 Generation capacity of all Japan (MW)

| | 水力 Hydro | 火力 Thermal | | | 原子力 Nuclear | 新エネルギー等 New energy, etc. | その他 Others | 合計 Total | |
|------------------|-------------|------------|------------|------------------|----------------|-----------------------------|---------------|-------------|----------------|
| | | LNG | 石炭 Coal | 石油等 Oil, etc. | | | | | 小計 Subtotal |
| 全日本 All Japan | 49,528 | 79,099 | 50,386 | 37,989 | 167,474 | 33,083 | 18,494 | 60 | 268,638 |

出典:資源エネルギー庁
Source : Agency for Natural Resources and Energy

2 国内発電所 Domestic power plants (2022年3月末時点 As of March 31, 2022)

| | 発電所名 Name | 燃料/発電方式 Source | 発電能力 (MW) Capacity (MW) | 出資比率 Shareholding Ratio | 運転開始時期 Start of operation | 場所 Location | | | |
|-------------------------------|---------------------|---|---|-------------------------------------|------------------------------------|--|------------------------|----------------------------|--------------|
| 火力 Thermal | 天然ガス Natural gas | 泉北製造所第1工場 Senboku LNG Terminal I | 天然ガス・GTCC Natural gas, GTCC | 18 | 100.0% | 2002年7月 July, 2002 | 大阪府 Osaka | | |
| | | 姫路製造所 Himeji LNG Terminal | 天然ガス・GTCC等 Natural gas, GTCC, etc. | 58 | 100.0% | 2004年4月 April, 2004 | 兵庫県 Hyogo | | |
| | | 泉北天然ガス発電所 Senboku Natural Gas Power Plant | 天然ガス・GTCC Natural gas, GTCC | 1,109 | 90.0% | 2009年4-11月 Apr, 2009 - November, 2009 | 大阪府 Osaka | | |
| | | 福島天然ガス発電所 Fukushima Natural Gas Power Plant | 天然ガス・GTCC Natural gas, GTCC | 1,180 | 20.0% | 2020年4-8月 April, 2020 - August, 2020 | 福島県 Fukushima | | |
| | | 西島エネルギーセンター Torishima Energy Center | 天然ガス・GTCC Natural gas, GTCC | 141 | 100.0% | 2002年4月 April, 2002 | 大阪府 Osaka | | |
| | | 宇治エネルギーセンター Uji Energy Center | 天然ガス・GTCC Natural gas, GTCC | 67 | 100.0% | 2004年10月 October, 2004 | 京都府 Kyoto | | |
| | | 摂津エネルギーセンター Settsu Energy Center | 天然ガス・ガスエンジン Natural gas, Gas Engine | 18 | 100.0% | 2006年4月 April, 2006 | 大阪府 Osaka | | |
| | | 千里エネルギーセンター Senri Energy Center | 天然ガス・ガスタービン Natural gas, Gas Turbine | 7 | 100.0% | 2008年1月 January, 2008 | 大阪府 Osaka | | |
| | | 船町発電所 Funamachi Power Plant | 天然ガス・GTCC Natural gas, GTCC | 149 | 95.0% | 1999年4月 April, 1999 | 大阪府 Osaka | | |
| | | 姫路天然ガス発電所 Himeji Natural Gas Power Plant | 天然ガス・GTCC Natural gas, GTCC | 1,245 | 100.0% | 2026年1-5月 January, 2026 - May, 2026 | 兵庫県 Hyogo | | |
| | | 小計 Subtotal | | | 3,991 | | | | |
| | | 石炭 Coal | 名古屋発電所* Nagoya Power Plant* | 石炭・スチームタービン Coal, Steam turbine | 142 | 95.0% | 2000年4月 April, 2000 | 愛知県 Aichi | |
| | | | | 名古屋第2発電所* Nagoya II Power Plant* | 石炭・スチームタービン Coal, Steam turbine | 77 | 95.0% | 2017年9月 September, 2017 | 愛知県 Aichi |
| | | | | 小計 Subtotal | | 219 | | | |
| 再生可能エネルギー Renewable Energy | 風力 Wind power | 葉山風力発電所 Hayama Wind Farm Power Plant | 風力 Wind power | 20 | 100.0% | 2006年3月 March, 2006 | 高知県 Kochi | | |
| | | 広川明神山風力発電所 Hirogawa Myojin-yama Wind Power Plant | 風力 Wind power | 16 | 100.0% | 2008年11月 November, 2008 | 和歌山県 Wakayama | | |
| | | 由良風力発電所 Yura Wind Power Plant | 風力 Wind power | 10 | 100.0% | 2011年9月 September, 2011 | 和歌山県 Wakayama | | |
| | | 肥前風力発電所 Hizen Wind Power Plant | 風力 Wind power | 12 | 100.0% | 2005年3月 March, 2005 | 佐賀県 Saga | | |
| | | 肥前南風力発電所 Hizen South Wind Power Plant | 風力 Wind power | 18 | 100.0% | 2008年1月 January, 2008 | 佐賀県 Saga | | |
| | | 平生風力発電所 Hirao Wind Power Plant | 風力 Wind power | 9 | 99.8% | 2009年4月 April, 2009 | 山口県 Yamaguchi | | |
| | | 印南風力発電所 Inami Wind Power Plant | 風力 Wind power | 26 | 100.0% | 2018年6月 June, 2018 | 和歌山県 Wakayama | | |
| | | 尻別風力発電所 Shiribetsu Wind Power Plant | 風力 Wind power | 27 | 100.0% | 2021年9月 September, 2021 | 北海道 Hokkaido | | |
| | | 野辺地陸奥湾風力発電所 Noheji Mutsu Bay Wind Farm | 風力 Wind power | 40 | 39.0% | 2022年度冬季 Winter, FY2023.3 | 青森県 Aomori | | |
| | | 横浜町風力発電所 Yokohama Town Wind Power Plant | 風力 Wind power | 43 | 39.0% | 2023年4月 April, 2023 | 青森県 Aomori | | |
| | | 小計 Subtotal | | | 221 | | | | |

* バイオマス混焼分除く
* excludes biomassmixed combustion

| | 発電所名 Name | 燃料/発電方式 Source | 発電能力 (MW) Capacity (MW) | 出資比率 Shareholding Ratio | 運転開始時期 Start of operation | 場所 Location | |
|--|--------------------|---|----------------------------|----------------------------|------------------------------|----------------------------|-------------------|
| 再生可能エネルギー Renewable Energy | 太陽光 Solar power | 西島太陽光発電所 Torishima Solar Power Plant | 太陽光 Solar power | 2 | 100.0% | 2013年4月 April, 2013 | 大阪府 Osaka |
| | | 西島第二太陽光発電所 Torishima II Solar Power Plant | 太陽光 Solar power | 1 | 100.0% | 2014年1月 January, 2014 | 大阪府 Osaka |
| | | 勝央太陽光発電所 Shouou Solar Power Plant | 太陽光 Solar power | 1 | 100.0% | 2013年4月 April, 2013 | 岡山県 Okayama |
| | | 広川明神山太陽光発電所 Hirogawa Myojin-yama Solar Power Plant | 太陽光 Solar power | 1 | 100.0% | 2013年4月 April, 2013 | 和歌山県 Wakayama |
| | | Daigas大分みらいソーラー発電所 Daigas Oita Mirai Solar Power Plant | 太陽光 Solar power | 27 | 100.0% | 2013年5月 May, 2013 | 大分県 Oita |
| | | 由良太陽光発電所(北・南) Yura Solar Power Plant (North/South) | 太陽光 Solar power | 2 | 100.0% | 2016年12月 December, 2016 | 和歌山県 Wakayama |
| | | 桑原城メガソーラー (No.4) Kuwaharajyou Mega Solar (No. 4) | 太陽光 Solar power | 12 | 50.0% | 2020年4月 April, 2020 | 鹿児島県 Kagoshima |
| | | 茨城県北茨城市磯原町特高発電所 Ibarakiken Kitaibarakishi Isoharacho Tokkou Hatsudensho | 太陽光 Solar power | 35 | 50.0% | 2021年1月 January, 2021 | 茨城県 Ibaraki |
| | | 雫石太陽光発電所 Shizukuishi Solar Power Plant | 太陽光 Solar power | 25 | 20.0% | 2016年10月 October, 2016 | 岩手県 Iwate |
| | | ハル水戸第1~第5発電所 Haru Mito Solar Power Plant | 太陽光 Solar power | 9 | 20.0% | 2015年5月 May, 2015 | 茨城県 Ibaraki |
| | | 小松太陽光発電所 Komatsu Solar Power Plant | 太陽光 Solar power | 13 | 20.0% | 2018年5月 May, 2018 | 石川県 Ishikawa |
| | | 三沢太陽光発電所 Misawa Solar Power Plant | 太陽光 Solar power | 10 | 20.0% | 2017年2月 February, 2017 | 青森県 Aomori |
| | | 八幡太陽光発電所 Yawata Solar Power Plant | 太陽光 Solar power | 1 | 100.0% | 2013年9月 September, 2013 | 三重県 Mie |
| | | 金成姉齒太陽光発電所 Kannari Aneha Solar Power Plant | 太陽光 Solar power | 2 | 49.0% | 2021年9月 September, 2021 | 宮城県 Miyagi |
| | | 信濃町太陽光発電所 Shinano-machi Solar Power Plant | 太陽光 Solar power | 2 | 49.0% | 2021年9月 September, 2021 | 長野県 Nagano |
| | | 花巻太陽光発電所 Hanamaki Solar Power Plant | 太陽光 Solar power | 2 | 49.0% | 2022年3月 March, 2022 | 岩手県 Iwate |
| | | レーベンクリーンエナジー 各発電所 Leben Clean Energy Solar Power Plants | 太陽光 Solar power | 36 | 34.0% | - | - |
| | | Daigasエナジー(株)各発電所 Daigas Energy Power Plants | 太陽光、他 Solar power, etc. | 11 | - | - | - |
| | | エナジーバンクジャパン(株)各発電所 Energy Bank Japan Power Plants | 太陽光、他 Solar power, etc. | 39 | - | - | - |
| | | 湯舟沢第一太陽光発電所 Yubunzawa Solar Power Plant 1 | 太陽光 Solar power | 2 | 49.0% | 2022年7月 July, 2022 | 岩手県 Iwate |
| 竹田太陽光発電所 Takeda Solar Power Plant | 太陽光 Solar power | 3 | 49.0% | 2022年7月 July, 2022 | 大分県 Oita | | |
| 根木町太陽光発電所 Nekko-machi Solar Power Plant | 太陽光 Solar power | 12 | 49.0% | 2022年9月 September, 2022 | 岩手県 Iwate | | |
| 小計 Subtotal | | | 245 | | | | |

| | | 発電所名 Name | 燃料/発電方式 Source | 発電能力 (MW) Capacity (MW) | 出資比率 Shareholding Ratio | 運転開始時期 Start of operation | 場所 Location |
|-------------------------------|------------------------|---|-------------------------|----------------------------|----------------------------|------------------------------|------------------|
| 再生可能エネルギー Renewable Energy | バイオマス Biomass power | 名古屋発電所 (バイオマス混焼5%) Nagoya Power Plant (5% biomass-mixed combustion) | バイオマス Biomass power | 7 | 95.0% | 2000年4月 April, 2000 | 愛知県 Aichi |
| | | 名古屋第2発電所 (バイオマス混焼30%) Nagoya II Power Plant (30% biomass-mixed combustion) | バイオマス Biomass power | 33 | 95.0% | 2017年9月 September, 2017 | 愛知県 Aichi |
| | | 松阪木質バイオマス発電所 Matsusaka Woody Biomass Power Plant | バイオマス Biomass power | 2 | 14.5% | 2018年1月 January, 2018 | 三重県 Mie |
| | | 市原バイオマス発電所 Ichihara Biomass Power Plant | バイオマス Biomass power | 50 | 39.0% | 2020年12月 December, 2020 | 千葉県 Chiba |
| | | 袖ヶ浦バイオマス発電所 Sodegaura Biomass Power Plant | バイオマス Biomass power | 75 | 100.0% | 2022年度 FY2023.3 | 千葉県 Chiba |
| | | 広畑バイオマス発電所 Hirohata Biomass Power Plant | バイオマス Biomass power | 75 | 90.0% | 2023年8月 August, 2023 | 兵庫県 Hyogo |
| | | 徳島津田バイオマス発電所 Tokushima Tsuda Biomass Power Plant | バイオマス Biomass power | 75 | 33.5% | 2023年3月 March, 2023 | 徳島県 Tokushima |
| | | 愛知田原バイオマス発電所 Aichi Tahara Biomass Power Plant | バイオマス Biomass power | 75 | 25.0% | 2024年10月 October, 2024 | 愛知県 Aichi |
| | | 日向バイオマス発電所 Hyuga Biomass Power Plant | バイオマス Biomass power | 50 | 35.0% | 2024年11月 November, 2024 | 宮崎県 Miyazaki |
| | | 小計 Subtotal | | 441 | | | |
| その他 Others | 冷熱 Cryogenic power | 姫路製造所 冷熱発電 Himeji LNG Terminal Cryogenic Power Plant | 冷熱発電 Cryogenic power | 7 | 100.0% | — | 兵庫県 Hyogo |

3 海外発電所 International power plants (2022年3月末時点 As of March 31, 2022)

| | 発電所名 Name | 燃料/発電方式 Source | 発電能力(MW) Capacity (MW) | 出資比率 Shareholding Ratio | 運転開始時期 Start of operation | 場所 Location | | |
|-------------------------------|---------------------|---------------------------------------|--|----------------------------|------------------------------|--|--|-------------------------------------|
| 火力 Thermal | 天然ガス Natural gas | ホワイトウォーター Whitewater | 天然ガス・GTCC Natural gas, GTCC | 245 | 25.8% | 2005年12月 *1 December, 2005 ¹ | 米国 ウィスコンシン州 Wisconsin, USA | |
| | | レイクウッド Lakewood | 天然ガス・GTCC Natural gas, GTCC | 265 | 20.0% | 2005年12月 *1 December, 2005 ¹ | 米国 ニュージャージー州 New Jersey, USA | |
| | | サラナック Saranac | 天然ガス・GTCC Natural gas, GTCC | 239 | 20.0% | 2005年12月 *1 December, 2005 ¹ | 米国 ニューヨーク州 New York, USA | |
| | | セントチャールズ St. Charles Energy Center | 天然ガス・GTCC Natural gas, GTCC | 725 | 25.0% | 2017年2月 February, 2017 | 米国 メリーランド州 (PJM) Maryland, USA (PJM) | |
| | | ダンディー Daandine | 天然ガス・ガスエンジン Natural gas, Gas engine | 27 | 30.2% | 2008年12月 *1 December, 2008 ¹ | 豪 キーアンズランド州 Queensland, Australia | |
| | | マウントアイザ Mt Isa | 天然ガス・ガスエンジン Natural gas, Gas engine | 32 | 30.2% | 2008年12月 December, 2008 | 豪 キーアンズランド州 Queensland, Australia | |
| | | シュワイハットS2発電造水事業 Shuweiht S2 IWPP | 天然ガス・GTCC Natural gas, GTCC | 1,510 | 10.0% | 2011年10月 *1 October, 2011 ¹ | UAE アブダビ UAE Abu Dhabi | |
| | | ショア Shore | 天然ガス・GTCC Natural gas, GTCC | 725 | 20.0% | 2017年3月 *1 March, 2017 ¹ | 米国 ニュージャージー州 (PJM) New Jersey, USA (PJM) | |
| | | ミシガンパワー Michigan Power | 天然ガス・GTCC Natural gas, GTCC | 125 | 100.0% | 2018年6月 *1 June, 2018 ¹ | 米国 ミシガン州 Michigan, USA | |
| | | クリーンエナジー Kleen Energy | 天然ガス Natural gas | 620 | 24.3% | 2018年5月 *1 May, 2018 ¹ | 米国 コネチカット州 (ISO-New England) Connecticut, USA (ISO-New England) | |
| | | トワンティック Towantic | 天然ガス Natural gas | 805 | 49.5% | 2018年12月 *1 December, 2018 ¹ | 米国 コネチカット州 (ISO-New England) Connecticut, USA (ISO-New England) | |
| | | フェアビュー Fairview | 天然ガス Natural gas | 1,050 | 50.0% | 2019年12月 December, 2019 | 米国 ペンシルバニア州 (PJM) Pennsylvania, USA (PJM) | |
| | | スリーリバーズ Three Rivers | 天然ガス Natural gas | 1,250 | 15.0% | 2023年5月 May, 2023 | 米国 イリノイ州 Illinois, USA | |
| | 小計 Subtotal | | 7,618 | | | | | |
| 再生可能エネルギー Renewable Energy | 風力 Wind power | ハレット4 Hallett 4 Wind Farm Project | 風力 Wind power | 132 | 39.9% | 2011年6月 June, 2011 | 豪 サウスオーストラリア州 South Australia, Australia | |
| | | 太陽光 Solar power | ブライターフューチャー Brighter Future Solar project | 太陽光 Solar power | 16 | 50.0% | 2022年1月 January, 2022 | 米国 ノースカロライナ州 North Carolina, USA |
| | | | オーイーソーラー 各発電所 OE Solar | 太陽光 Solar power | 7 | 49.0% | - | タイ Thailand |
| | | | SREOG ME Solar 各発電所 Summit Ridge Energy | 太陽光 Solar power | 30 *2 | - | - | 米国 メーン州 Maine, USA |
| | | | 小計 Subtotal | | 155 *3 | | | |

*1 取得年月を表す
1 Acquisition year and month
*2 持分電源容量を表す
2 Generation capacity of Daigas group
*3 SREOG ME Solar 各発電所の発電能力を除く
3 Excluding capacity of Summit Ridge Energy

4 海外上流事業 International upstream business (2022年3月末時点 As of March 31, 2022)

| 案件名 Project name | 主な事業 Main business | 出資比率 Shareholding Ratio | 参画時期(年) Year of participation | 場所 Location |
|--|--|----------------------------|----------------------------------|---|
| サンライズ Sunrise LNG Project | LNG | 10% | 2000 | オーストラリア・東ティモール Australia, East Timor |
| カルハットLNG Qalhat LNG | LNG | 3% | 2006 | オマーン Oman |
| クラックス Crux Gas and Condensate Field | LNG | 3% | 2007 | オーストラリア Australia |
| ゴーゴン Gorgon LNG Project | LNG | 1.25% | 2009 | オーストラリア Australia |
| イクシス Ichthys LNG Project | LNG・コンデンセート LNG, Condensate | 1.20% | 2012 | オーストラリア Australia |
| サビン・シェールガスプロジェクト Sabine Oil & Gas Corporation | 天然ガス・コンデンセート・天然ガス液 Natural gas, Condensate, Natural Gas Liquids | 100% | 2018 | 米国 USA |

5 海外中下流事業(発電除く) International mid & downstream business (Excluding power plants) (2022年3月末時点 As of March 31, 2022)

| 案件名 Project name | 主な事業 Main business | 出資比率 Shareholding Ratio | 参画時期(年) Year of participation | 場所 Location |
|---|--|----------------------------|----------------------------------|----------------------|
| フリーポートLNG基地 (FLNG) Freeport LNG Project | 液化基地 LNG terminal | 10.81% | 2008 | 米国 USA |
| EII | インフラ事業(ポートフォリオ) Infrastructure business (Portfolio) | 30.20% | 2008 | オーストラリア Australia |
| サグントLNG基地 Sagunto LNG Terminal | 受入基地 LNG receiving terminal | 20% | 2010 | スペイン Spain |
| Sumisho Osaka Gas Water UK Limited | 水道事業 Water supply business | 50% | 2013 | 英国 U.K. |
| City-OG Gas Energy Services | ガス販売事業 Sale of gas business | 49% | 2013 | シンガポール Singapore |
| Osaka Gas (Thailand) Co., Ltd. | ユーティリティ(エネルギー)関連事業 Energy utility related business | 49% | 2013 | タイ Thailand |
| フリーポートLNG基地(第一系列) Freeport LNG Project (Train 1) | 液化事業 Liquefaction business | 25% | 2014 | 米国 USA |
| NS-OG Energy Solutions (Thailand) | コージェネレーション事業 Cogeneration business | 30% | 2014 | タイ Thailand |
| OGP Energy Solutions | 燃料転換・エネルギーサービス事業 Fuel conversion, Energy services business | 29.4% | 2015 | タイ Thailand |
| エロガスメット Erogasmet | ガス配給事業 City gas distribution business | - | 2015 | イタリア Italy |
| PT OSAKA GAS INDONESIA | ガス販売・エネルギーサービス関連事業 Sale of gas, Energy services related business | 100% | 2018 | インドネシア Indonesia |
| Sojitz Osaka Gas Energy Co., Ltd. | 天然ガス供給事業 Natural gas supply business | 49% | 2019 | ベトナム Vietnam |
| AGP International Holdings Pte. Ltd. | 天然ガスバリューチェーン事業 Natural gas value chain business | - | 2019 | シンガポール Singapore |
| Igloo Works | エネルギー関連機器販売・施工 Sales and installation of energy-related equipment | - | 2019 | 英国 U.K. |
| Starfire Energy | グリーンアンモニア製造 Green ammonia manufacturing | - | 2021 | 米国 USA |
| JEDLIX B.V. | 需給調整事業 Electricity balancing services business | - | 2021 | オランダ Netherlands |
| AG&P CGD HoldCo SPV3 (Singapore) Pte. Ltd. | インド都市ガス事業 City gas business in India | - | 2021 | シンガポール Singapore |

ESGデータ ESG data

1 環境 Environment

| 会計年度 FY | 17.3 | 18.3 | 19.3 | 20.3 | 21.3 | 22.3 |
|--|--------|--------|--------|--------|--------|--------|
| GHC排出量*1,2 (千t-CO ₂ e) GHG Emissions 1,2 (thousand tons-CO ₂ e) | 36,127 | 36,630 | 34,808 | 32,907 | 27,784 | 26,785 |
| 内、スコープ1+2 (千t-CO ₂ e) Scope 1+2 (thousand t-CO ₂ e) | 4,363 | 5,159 | 5,350 | 4,963 | 5,513 | 4,860 |
| 内、スコープ3 (千t-CO ₂ e) Scope 3 (thousand t-CO ₂ e) | 31,764 | 31,471 | 29,453 | 27,944 | 22,271 | 21,925 |
| CO ₂ 排出削減貢献量(千t-CO ₂) Contribution to reduction in amount of CO ₂ emissions (thousand t-CO ₂) | - | 609 | 1,057 | 1,650 | 2,280 | 3,356 |

*1 集計範囲：大阪ガスと連結子会社のうち、データ把握が困難かつ環境負荷の小さい、テナントとして入居している会社ならびに海外の会社を除いた関係会社。会社の統合等により、年度によって集計会社数は異なる。
1 Boundary of aggregation: Of Osaka Gas's consolidated subsidiaries, the companies which exclude companies whose environmental effects are minimal and whose environmental data are difficult to grasp are subject to the calculation. And the companies which are housed in Osaka Gas office buildings as tenants or are foreign companies are not subject to such calculation. However, the aggregate number of companies may differ by fiscal year due to company mergers, etc.

*2 集計対象の温室効果ガスは、CO₂、メタン(CH₄)、N₂Oおよびフロン類(HFC)。
2 Greenhouse gases subject to calculation are CO₂, methane (CH₄), N₂O and chlorofluorocarbons (HFC).

2 社会 Social

| 会計年度 FY | 17.3 | 18.3 | 19.3 | 20.3 | 21.3 | 22.3 |
|---|-------|-------|-------|-------|-------|-------|
| 女性従業員比率・連結 (%) *1 Percentage of female employees / Consolidated (%) 1 | 23.6% | 26.7% | 28.2% | 27.6% | 28.3% | 28.5% |
| 女性従業員比率・個別 (%) *1 Percentage of female employees / Non-Consolidated (%) 1 | 15.1% | 15.5% | 15.4% | 15.7% | 17.0% | 16.6% |
| 女性管理職比率・連結 (%) *1,2 Percentage of women in managerial positions / Consolidated (%) 1,2 | 6.8% | 6.4% | 6.8% | 6.7% | 7.5% | 8.0% |
| 離職率(50歳未満)・個別 (%) Employee turnover rate (less than 50 years old) / Non-consolidated (%) | 0.57% | 1.05% | 1.42% | 1.05% | 1.36% | 1.30% |
| 育児休業・個別 (人) Childcare leave / Non-consolidated (Number of persons) | 18 | 31 | 33 | 44 | 32 | 54 |
| 内、男性 (人) Male (Number of persons) | 1 | 4 | 5 | 14 | 17 | 39 |
| 育児短時間勤務・個別 (人) Shorter working hours for childcare / Non-consolidated (Number of persons) | 31 | 21 | 35 | 33 | 22 | 26 |
| 介護休業・個別 (人) Nursing care leave / Non-consolidated (Number of persons) | 1 | 1 | 2 | 1 | 0 | 0 |
| 介護短時間勤務・個別 (人) Shorter working hours for nursing care / Non-consolidated (Number of persons) | 5 | 0 | 1 | 0 | 1 | 1 |
| 暦年 Calendar year | 17.6 | 18.6 | 19.6 | 20.6 | 21.6 | 22.6 |
| 障がい者雇用率・個別 (%) *3 Percentage of disabled employees / Non-consolidated (%) 3 | 2.30% | 2.39% | 2.36% | 2.40% | 2.34% | 2.45% |

*1 各3月末時点
1 As of March 31

*2 「管理職」は課長級以上のポストに就任していて、実際に部下を持ち、人事評価をする立場の者
2 Management positions are the posts of manager level or higher, who actually have subordinates and perform personnel evaluation.

*3 各6月1日時点
3 As of June 1

3 ガバナンス Governance

| 暦年 Calendar year | 17.6 | 18.6 | 19.6 | 20.6 | 21.6 | 22.6 |
|--|--------|--------|--------|-------|--------|--------|
| 取締役 (人) Directors (Number of persons) | 13 (0) | 13 (0) | 13 (0) | 9 (0) | 10 (1) | 10 (1) |
| 内、社内取締役 (人) Inside Directors (Number of persons) | 10 (0) | 10 (0) | 10 (0) | 6 (0) | 6 (0) | 6 (0) |
| 内、社外取締役 (人) Outside Directors (Number of persons) | 3 (0) | 3 (0) | 3 (0) | 3 (0) | 4 (1) | 4 (1) |
| 社外取締役比率 (%) Ratio of outside directors (%) | 23.1% | 23.1% | 23.1% | 33.3% | 40.0% | 40.0% |
| 女性取締役比率 (%) Ratio of female directors (%) | 0.0% | 0.0% | 0.0% | 0.0% | 10.0% | 10.0% |
| 監査役 (人) Audit & supervisory board members (Number of persons) | 5 (1) | 5 (1) | 5 (1) | 5 (1) | 5 (1) | 5 (1) |
| 内、社内監査役 (人) Inside audit & supervisory board members (Number of persons) | 2 (0) | 2 (0) | 2 (0) | 2 (0) | 2 (0) | 2 (0) |
| 内、社外監査役 (人) Outside audit & supervisory board members (Number of persons) | 3 (1) | 3 (1) | 3 (1) | 3 (1) | 3 (1) | 3 (1) |
| 社外監査役比率 (%) Ratio of outside audit & supervisory board members (%) | 60.0% | 60.0% | 60.0% | 60.0% | 60.0% | 60.0% |
| 女性監査役比率 (%) Ratio of female audit & supervisory board members (%) | 20.0% | 20.0% | 20.0% | 20.0% | 20.0% | 20.0% |

* 当該年の定時株主総会によって選任された体制の人数
 * Number of members elected by the annual meeting of shareholders in the year.
 * ()内は女性の数
 * Figures in brackets show number of female

4 外部評価 Third-party evaluation

| 会計年度 FY | 17.3 | 18.3 | 19.3 | 20.3 | 21.3 | 22.3 |
|--|----------------|----------------|----------------|----------------|----------------|----------------|
| FTSE Blossom Japan Index | — | 選定 Selected | 選定 Selected | 選定 Selected | 選定 Selected | 選定 Selected |
| MSCI ESG Leaders Indexes * | 選定 Selected | 選定 Selected | 選定 Selected | 選定 Selected | 選定 Selected | 選定 Selected |
| MSCIジャパン セレクト・リーダーズ指数 MSCI Japan ESG Select Leaders Index | — | 選定 Selected | 選定 Selected | 選定 Selected | 選定 Selected | 選定 Selected |
| MSCI日本株 女性活躍指数 MSCI Japan Empowering Women Index | — | 選定 Selected | 選定 Selected | 選定 Selected | 選定 Selected | 選定 Selected |
| ダウ・ジョーンズ・サステナビリティ・アジア/パシフィック・インデックス Dow Jones Sustainability Asia Pacific Index | 選定 Selected | 選定 Selected | 選定 Selected | 選定 Selected | 選定 Selected | 選定 Selected |
| Euronext Vigeo World 120 | — | 選定 Selected | — | 選定 Selected | 選定 Selected | 選定 Selected |

* 18年3月期以前はMSCI Global Sustainability Indexes
 * Before FY18.3, MSCI Global Sustainability Indexes

財務データ Financial data

1 連結貸借対照表 Consolidated Balance Sheet (3月31日時点 As of March 31)

(百万円 million yen)

| | 13.3 | 14.3 | 15.3 | 16.3 | 17.3 | 18.3 | 19.3 | 20.3 | 21.3 | 22.3 |
|--|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| 資産の部 Assets | | | | | | | | | | |
| 固定資産 Non-current assets | 1,136,138 | 1,226,971 | 1,323,864 | 1,313,119 | 1,404,514 | 1,393,948 | 1,497,528 | 1,580,462 | 1,730,009 | 1,880,434 |
| 有形固定資産 Property, plant and equipment | 829,936 | 863,084 | 895,398 | 911,659 | 912,737 | 881,822 | 907,728 | 1,014,572 | 1,070,610 | 1,156,281 |
| 製造設備 Production facilities | 78,533 | 76,164 | 75,370 | 89,192 | 91,943 | 89,523 | 85,086 | 84,258 | 89,701 | 91,154 |
| 供給設備 Distribution facilities | 276,132 | 317,836 | 304,286 | 297,424 | 286,889 | 275,331 | 265,421 | 264,657 | 268,755 | 275,032 |
| 業務設備 Service and maintenance facilities | 66,204 | 66,540 | 64,206 | 60,257 | 58,912 | 56,924 | 55,176 | 55,072 | 53,481 | 46,121 |
| その他の設備 Other facilities | 300,149 | 291,378 | 295,387 | 291,836 | 387,286 | 393,116 | 427,821 | 542,101 | 546,456 | 605,057 |
| 建設仮勘定 Construction in progress | 108,916 | 111,163 | 156,146 | 172,949 | 87,706 | 66,925 | 74,222 | 68,482 | 112,215 | 138,915 |
| 無形固定資産 Intangible assets | 58,579 | 90,311 | 98,680 | 89,613 | 77,483 | 79,743 | 109,297 | 98,322 | 97,912 | 95,251 |
| のれん Goodwill | - | 24,471 | 21,183 | - | - | - | - | - | - | - |
| その他 Other | - | 65,840 | 77,947 | - | - | - | - | - | - | - |
| 投資その他の資産 Investments and other assets | 247,622 | 273,575 | 329,784 | 311,846 | 414,293 | 432,382 | 480,502 | 467,568 | 561,487 | 628,901 |
| 投資有価証券 Investment securities | 164,302 | 192,846 | 230,958 | 236,774 | 316,981 | 323,212 | 359,737 | 332,200 | 377,074 | 359,225 |
| 長期貸付金 Long-term loans receivable | - | - | - | - | - | 18,412 | 22,862 | 25,981 | 25,686 | 27,698 |
| 退職給付に係る資産 Retirement benefit asset | - | 29,414 | 55,336 | 25,154 | 38,615 | 46,405 | 49,074 | 44,264 | 83,494 | 118,693 |
| 繰延税金資産 Deferred tax assets | - | - | - | - | - | - | - | - | 25,933 | 64,481 |
| その他 Other | 85,245 | 53,175 | 45,405 | 51,729 | 60,073 | 45,597 | 49,389 | 65,924 | 50,099 | 59,534 |
| 貸倒引当金 Allowance for doubtful accounts | -1,925 | -1,860 | -1,914 | -1,811 | -1,376 | -1,245 | -562 | -802 | -800 | -731 |
| 流動資産 Current assets | 430,760 | 441,346 | 538,337 | 516,636 | 482,062 | 503,281 | 532,194 | 560,019 | 583,347 | 689,384 |
| 現金及び預金 Cash and deposits | 91,323 | 75,258 | 147,426 | 209,982 | 167,583 | 171,529 | 116,289 | 147,201 | 167,083 | 131,089 |
| 受取手形及び売掛金 Notes and accounts receivable - trade | 168,198 | 192,277 | 187,482 | 167,246 | 177,512 | 190,445 | 219,206 | 210,515 | 211,696 | - |
| 受取手形、売掛金及び契約資産 Notes and accounts receivable - trade, and contract assets | - | - | - | - | - | - | - | - | - | 208,851 |
| 有価証券 Securities | 21,712 | 20,511 | 23,521 | - | - | - | - | - | - | - |
| リース債権及びリース投資資産 Lease receivables and investment in leases | - | - | - | - | 24,147 | 30,459 | 40,445 | 47,844 | 54,634 | 59,047 |
| たな卸資産 Inventories | 84,242 | 88,748 | 103,420 | 79,782 | 69,778 | 76,861 | 112,327 | 108,092 | 94,187 | 145,445 |
| その他 Other | 66,519 | 65,950 | 77,802 | 60,735 | 44,670 | 35,490 | 45,616 | 47,005 | 56,349 | 145,589 |
| 貸倒引当金 Allowance for doubtful accounts | -1,236 | -1,400 | -1,315 | -1,110 | -1,629 | -1,504 | -1,691 | -640 | -602 | -639 |
| 資産合計 Total assets | 1,566,899 | 1,668,317 | 1,862,201 | 1,829,756 | 1,886,577 | 1,897,230 | 2,029,722 | 2,140,482 | 2,313,357 | 2,569,819 |

* 18年3月期実績は「税効果会計に係る会計基準」の一部改正を考慮して算定

* FY18.3 results are calculated taking in account of "Partial Amendments to Accounting standard for Tax Effect Accounting".

(百万円 million yen)

| | 13.3 | 14.3 | 15.3 | 16.3 | 17.3 | 18.3 | 19.3 | 20.3 | 21.3 | 22.3 |
|---|----------------|----------------|----------------|----------------|----------------|----------------|----------------|------------------|------------------|------------------|
| 負債の部 Liabilities | | | | | | | | | | |
| 固定負債 Non-current liabilities | 496,836 | 561,400 | 658,794 | 594,633 | 632,436 | 544,288 | 641,465 | 800,502 | 875,975 | 887,156 |
| 社債 Bonds payable | 238,157 | 242,124 | 240,666 | 184,975 | 194,979 | 164,984 | 144,989 | 289,993 | 354,995 | 364,998 |
| 長期借入金 Long-term borrowings | 186,766 | 244,503 | 309,848 | 300,588 | 267,666 | 243,255 | 367,418 | 363,757 | 333,263 | 350,502 |
| 繰延税金負債 Deferred tax liabilities | 14,631 | 22,031 | 36,981 | 21,864 | 26,451 | 22,847 | 22,811 | - | 41,845 | 47,298 |
| 再評価に係る繰延税金負債 Deferred tax liabilities for land revaluation | - | - | - | - | - | - | - | - | - | - |
| 退職給付引当金 Provision for retirement benefits | 15,972 | - | - | - | - | - | - | - | - | - |
| ガスホルダー修繕引当金 Provision for gas holder repairs | 1,621 | 1,636 | 1,722 | 1,649 | 1,416 | 1,326 | 1,247 | 1,290 | 1,138 | 1,171 |
| 保安対策引当金 Provision for safety measures | 13,418 | 10,831 | 8,451 | 12,549 | 10,897 | 12,936 | 11,207 | 9,339 | 8,892 | 6,651 |
| 投資損失引当金 Provision for loss on investment | 6,999 | 6,999 | 6,999 | 6,999 | 6,999 | 6,999 | - | - | - | - |
| 債務保証損失引当金 Provision for loss on guarantees | - | - | 1,589 | 1,757 | - | - | - | - | - | - |
| 器具保証引当金 Provision for gas appliance warranties | - | - | 2,895 | 8,377 | 14,282 | 13,607 | 12,454 | 13,074 | 12,195 | 4,983 |
| 退職給付に係る負債 Retirement benefit liability | - | 15,325 | 16,484 | 18,145 | 18,709 | 16,958 | 17,228 | 17,590 | 18,758 | 18,853 |
| その他 Other | 19,269 | 17,946 | 33,154 | 37,725 | 91,033 | 61,371 | 64,108 | 105,455 | 104,886 | 92,698 |
| 流動負債 Current liabilities | 295,745 | 278,351 | 284,537 | 299,336 | 262,269 | 324,142 | 353,212 | 312,312 | 322,784 | 398,529 |
| 1年以内に期限到来の固定負債 Current portion of non-current liabilities | 67,135 | 39,333 | 55,731 | 54,521 | 50,267 | 68,548 | 60,134 | 71,294 | 71,981 | 73,648 |
| 支払手形及び買掛金 Notes and accounts payable - trade | 55,520 | 60,358 | 54,610 | 53,882 | 50,246 | 58,542 | 66,087 | 59,363 | 60,453 | 104,935 |
| 短期借入金 Short-term borrowings | 47,106 | 46,756 | 26,832 | 25,916 | 23,118 | 22,179 | 22,751 | - | - | - |
| 未払法人税等 Income taxes payable | 25,603 | 29,608 | 30,835 | 33,834 | 22,942 | - | - | - | 27,514 | - |
| その他 Other | 100,378 | 102,294 | 116,527 | 131,181 | 115,695 | 174,872 | 204,240 | 181,654 | 162,834 | 219,944 |
| 負債合計 Total liabilities | 792,581 | 839,752 | 943,331 | 893,970 | 894,706 | 868,430 | 994,678 | 1,112,815 | 1,198,759 | 1,285,686 |

* 18年3月期実績は「税効果会計に係る会計基準」の一部改正を考慮して算定

* FY18.3 results are calculated taking in account of "Partial Amendments to Accounting standard for Tax Effect Accounting".

(百万円 million yen)

| | 13.3 | 14.3 | 15.3 | 16.3 | 17.3 | 18.3 | 19.3 | 20.3 | 21.3 | 22.3 |
|---|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| 純資産の部 Net assets | | | | | | | | | | |
| 株主資本 Shareholders' equity | 715,592 | 738,124 | 799,613 | 862,613 | 902,865 | 919,527 | 932,167 | 952,160 | 1,011,530 | 1,115,073 |
| 資本金 Share capital | 132,166 | 132,166 | 132,166 | 132,166 | 132,166 | 132,166 | 132,166 | 132,166 | 132,166 | 132,166 |
| 資本剰余金 Capital surplus | 19,482 | 19,486 | 19,488 | 19,320 | 19,319 | 19,222 | 19,222 | 19,483 | 19,469 | 19,071 |
| 利益剰余金 Retained earnings | 564,356 | 587,268 | 648,896 | 712,401 | 752,872 | 769,801 | 782,523 | 802,313 | 861,746 | 965,951 |
| 自己株式 Treasury shares | -413 | -797 | -938 | -1,275 | -1,492 | -1,663 | -1,744 | -1,802 | -1,852 | -2,115 |
| その他の包括利益累計額 Accumulated other comprehensive income | 32,210 | 60,840 | 88,882 | 44,010 | 59,040 | 80,042 | 72,172 | 45,332 | 70,350 | 144,586 |
| その他有価証券評価差額金 Valuation difference on available-for-sale securities | 31,526 | 34,839 | 50,868 | 44,143 | 51,678 | 56,977 | 50,617 | 41,336 | 69,811 | 67,905 |
| 繰延ヘッジ損益 Deferred gains or losses on hedges | -2,271 | 2,425 | -6,519 | -12,347 | -9,500 | -7,650 | -4,007 | -14,161 | -30,365 | -15,313 |
| 土地再評価差額金 Revaluation reserve for land | -737 | -737 | -737 | -737 | -737 | -737 | -737 | -737 | -737 | -737 |
| 為替換算調整勘定 Foreign currency translation adjustment | 3,693 | 30,414 | 39,341 | 28,924 | 17,993 | 19,530 | 11,189 | 10,085 | -2,383 | 39,108 |
| 退職給付に係る調整累計額 Remeasurements of defined benefit plans | - | -6,100 | 5,929 | -15,972 | -393 | 11,922 | 15,110 | 8,809 | 34,025 | 53,624 |
| 非支配株主持分 Non-controlling interests | 26,514 | 29,601 | 30,373 | 29,162 | 29,965 | 29,229 | 30,704 | 30,174 | 32,716 | 24,472 |
| 純資産合計 Total net assets | 774,317 | 828,565 | 918,869 | 935,786 | 991,870 | 1,028,799 | 1,035,044 | 1,027,667 | 1,114,597 | 1,284,132 |
| 負債純資産合計 Liabilities and net assets | 1,566,899 | 1,668,317 | 1,862,201 | 1,829,756 | 1,886,577 | 1,897,230 | 2,029,722 | 2,140,482 | 2,313,357 | 2,569,819 |

* 18年3月期実績は「税効果会計に係る会計基準」の一部改正を考慮して算定

* FY18.3 results are calculated taking in account of "Partial Amendments to Accounting standard for Tax Effect Accounting".

2 連結損益計算書 Consolidated Statement of Income

(百万円 million yen)

| 会計年度 FY | 13.3 | 14.3 | 15.3 | 16.3 | 17.3 | 18.3 | 19.3 | 20.3 | 21.3 | 22.3 |
|--|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| 売上高 Net sales | 1,380,060 | 1,512,581 | 1,528,164 | 1,322,012 | 1,183,846 | 1,296,238 | 1,371,863 | 1,368,689 | 1,364,106 | 1,586,879 |
| 売上原価 Cost of sales | 943,688 | 1,071,374 | 1,071,021 | 814,760 | 745,139 | 874,437 | 981,086 | 961,983 | 921,777 | 1,161,850 |
| 売上総利益 Gross profit | 436,371 | 441,207 | 457,143 | 507,251 | 438,707 | 421,800 | 390,777 | 406,705 | 442,328 | 425,028 |
| 供給販売費及び一般管理費 Selling, general and administrative expenses | 351,598 | 341,825 | 352,077 | 360,576 | 341,457 | 343,681 | 322,800 | 322,913 | 329,836 | 330,123 |
| 営業利益 Operating profit | 84,773 | 99,381 | 105,065 | 146,674 | 97,250 | 78,118 | 67,977 | 83,792 | 112,491 | 94,905 |
| 営業外収益 Non-operating income | 17,682 | 17,550 | 22,822 | 9,867 | 14,160 | 15,491 | 14,600 | 24,746 | 32,941 | 34,002 |
| 受取利息 Interest income | 617 | 638 | 770 | 448 | 386 | 453 | 584 | 4,262 | 2,348 | 2,017 |
| 受取配当金 Dividend income | 3,217 | 3,172 | 4,659 | 3,262 | 3,163 | 4,151 | 4,465 | 7,070 | 3,378 | 3,179 |
| 為替差益 Foreign exchange gain | - | - | 4,644 | - | - | - | - | - | - | - |
| 持分法による投資利益 Share of profit of entities accounted for using equity method | 6,335 | 7,917 | 6,990 | - | 1,785 | - | - | 5,225 | 13,618 | 12,841 |
| 関係会社投資有価証券売却益 Gain on sales of investment securities in subsidiaries and associates | - | - | - | - | - | - | - | - | 3,694 | - |
| 設備負担金収入 Proceeds from facility contribution | - | - | - | - | 2,404 | - | - | - | - | - |
| 雑収入 Miscellaneous income | 7,512 | 5,821 | 5,757 | 6,156 | 6,419 | 10,886 | 9,551 | 8,187 | 9,901 | 15,963 |
| 営業外費用 Non-operating expenses | 12,330 | 10,888 | 19,714 | 21,555 | 15,134 | 16,522 | 19,474 | 22,520 | 17,680 | 18,443 |
| 投資有価証券評価損 Loss on valuation of investment securities | - | - | - | - | - | - | - | - | - | 2,484 |
| 支払利息 Interest expenses | 8,431 | 8,567 | 9,475 | 10,003 | 9,612 | 9,505 | 10,126 | 12,192 | 11,087 | 10,400 |
| 子会社株式売却損 Loss on sales of shares of subsidiaries | - | - | - | - | - | 2,227 | - | - | - | - |
| 投資損失引当金繰入額 Provision of allowance for investment loss | - | - | - | - | - | - | - | - | - | - |
| 持分法による投資損失 Share of loss of entities accounted for using equity method | - | - | - | 4,538 | - | - | - | - | - | - |
| 雑支出 Miscellaneous expenses | 3,898 | 2,321 | 10,238 | 7,012 | 5,521 | 4,789 | 9,348 | 10,327 | 6,593 | 5,558 |
| 経常利益 Ordinary profit | 90,125 | 106,044 | 108,173 | 134,986 | 96,276 | 77,087 | 63,103 | 86,018 | 127,752 | 110,464 |
| 特別利益 Extraordinary income | - | 5,968 | 15,952 | 2,467 | - | - | - | - | - | 23,825 |
| 固定資産売却益 Gain on sales of non-current assets | - | - | 2,941 | 2,467 | - | - | - | - | - | - |
| 投資有価証券売却益 Gain on sales of investment securities | - | 5,968 | 13,011 | - | - | - | - | - | - | - |
| 関係会社投資有価証券売却益 Gain on sales of investment securities in subsidiaries and associates | - | - | - | - | - | - | - | - | - | 17,773 |
| 受取保険金 Insurance claim income | - | - | - | - | - | - | - | - | - | 6,052 |

(百万円 million yen)

| 会計年度 FY | 13.3 | 14.3 | 15.3 | 16.3 | 17.3 | 18.3 | 19.3 | 20.3 | 21.3 | 22.3 |
|--|--------|--------|---------|---------|--------|--------|--------|--------|---------|---------|
| 特別損失 Extraordinary losses | 5,495 | 30,138 | 2,697 | 14,588 | 4,680 | 11,249 | 11,038 | 15,568 | 19,016 | 18,349 |
| 災害による損失 Loss on disaster | - | - | - | - | - | - | 2,136 | - | - | - |
| のれん償却額 Amortization of goodwill | - | - | - | - | - | - | 8,901 | - | - | - |
| 減損損失 Impairment loss | 5,495 | 30,138 | 2,697 | 14,588 | 1,744 | 11,249 | - | 15,568 | 19,016 | 16,013 |
| 事業構造改善費用 Business restructuring expenses | - | - | - | - | 2,935 | - | - | - | - | - |
| 固定資産圧縮損 Loss on tax purpose reduction entry of non-current assets | - | - | - | - | - | - | - | - | - | 2,335 |
| 税金等調整前当期純利益 Profit before income taxes | 84,630 | 81,874 | 121,428 | 122,865 | 91,596 | 65,837 | 52,064 | 70,449 | 108,735 | 115,941 |
| 法人税、住民税及び事業税 Income taxes - current | 29,989 | 32,149 | 38,064 | 43,394 | 31,622 | 31,277 | 19,683 | 23,451 | 33,302 | 24,220 |
| 法人税等調整額 Income taxes - deferred | -273 | 4,717 | 4,744 | -5,478 | -3,233 | -4,957 | -4,160 | 4,056 | -8,410 | -41,948 |
| 当期純利益 Profit | 54,915 | 45,007 | 78,619 | 84,949 | 63,207 | 39,517 | 36,542 | 42,942 | 83,844 | 133,670 |
| 非支配株主に帰属する当期純利益 Profit attributable to non-controlling interests | 2,447 | 3,281 | 1,910 | 624 | 1,936 | 1,793 | 2,941 | 1,153 | 2,986 | 5,413 |
| 親会社株主に帰属する当期純利益 Profit attributable to owners of parent | 52,467 | 41,725 | 76,709 | 84,324 | 61,271 | 37,724 | 33,601 | 41,788 | 80,857 | 128,256 |

3 連結包括利益計算書 Consolidated Statement of Comprehensive Income

(百万円 million yen)

| 会計年度 FY | 13.3 | 14.3 | 15.3 | 16.3 | 17.3 | 18.3 | 19.3 | 20.3 | 21.3 | 22.3 |
|---|--------|--------|---------|---------|--------|--------|--------|---------|---------|---------|
| 当期純利益 Profit | 54,915 | 45,007 | 78,619 | 84,949 | 63,207 | 39,517 | 36,542 | 42,942 | 83,844 | 133,670 |
| その他の包括利益 Other comprehensive income | 28,929 | 35,843 | 27,464 | -46,692 | 14,822 | 21,072 | -8,575 | -27,945 | 24,879 | 75,070 |
| その他有価証券評価差額金 Valuation difference on available-for-sale securities | 11,824 | 3,314 | 16,045 | -6,736 | 7,543 | 5,306 | -6,319 | -10,455 | 28,421 | -1,965 |
| 繰延ヘッジ損益 Deferred gains or losses on hedges | 168 | 1,356 | -3,232 | -3,926 | 1,401 | 387 | -142 | -1,442 | -10,143 | 7,370 |
| 為替換算調整勘定 Foreign currency translation adjustment | 14,100 | 25,018 | 10,241 | -4,078 | -7,506 | 78 | -5,943 | -1,638 | -13,730 | 33,136 |
| 退職給付に係る調整額 Remeasurements of defined benefit plans | - | - | 12,018 | -22,528 | 15,593 | 12,607 | 3,457 | -6,189 | 25,536 | 19,304 |
| 持分法適用会社に対する持分相当額 Share of other comprehensive income of entities accounted for using equity method | 2,836 | 6,153 | -7,608 | -9,422 | -2,209 | 2,692 | 372 | -8,219 | -5,204 | 17,224 |
| 包括利益 Comprehensive income | 83,844 | 80,850 | 106,084 | 38,256 | 78,029 | 60,590 | 27,966 | 14,996 | 108,723 | 208,740 |
| (内訳) (Breakdown) | | | | | | | | | | |
| 親会社株主に係る包括利益 Comprehensive income attributable to owners of parent | 79,927 | 76,601 | 104,751 | 39,452 | 76,301 | 58,725 | 25,731 | 13,728 | 105,876 | 202,492 |
| 非支配株主に係る包括利益 Comprehensive income attributable to non-controlling interests | 3,917 | 4,248 | 1,332 | -1,196 | 1,728 | 1,864 | 2,235 | 1,268 | 2,847 | 6,247 |

4 連結キャッシュ・フロー計算書 Consolidated Statement of Cash Flows

(百万円 million yen)

| 会計年度 FY | 13.3 | 14.3 | 15.3 | 16.3 | 17.3 | 18.3 | 19.3 | 20.3 | 21.3 | 22.3 |
|--|--------|--------|---------|---------|--------|--------|--------|--------|---------|---------|
| 営業活動によるキャッシュ・フロー Cash flows from operating activities | | | | | | | | | | |
| 税金等調整前当期純利益 Profit before income taxes | 84,630 | 81,874 | 121,428 | 122,865 | 91,596 | 65,837 | 52,064 | 70,449 | 108,735 | 115,941 |
| 減価償却費 Depreciation | 82,818 | 83,806 | 87,785 | 86,747 | 86,206 | 88,723 | 99,745 | 91,925 | 101,444 | 108,902 |
| 長期前払費用償却額 Amortization of long-term prepaid expenses | 5,966 | 5,967 | 5,411 | 5,369 | 5,389 | 5,207 | 5,000 | 5,159 | 5,106 | 5,431 |
| 減損損失 Impairment loss | 5,495 | 30,138 | 2,697 | 14,588 | 1,744 | 11,249 | - | 15,568 | 19,016 | 16,013 |
| 事業構造改善費用 Business restructuring expenses | - | - | - | - | 2,935 | - | - | - | - | - |
| 子会社株式売却損 Loss on sales of shares of subsidiaries | - | - | - | - | - | 2,227 | - | - | - | - |
| 設備負担金収入 Proceeds from facility contribution | - | - | - | - | -2,404 | - | - | - | - | - |
| 保安対策引当金の増減額(減少) Increase (decrease) in provision for safety measures | 6,428 | -2,586 | -2,379 | 4,097 | - | - | - | - | - | - |
| 債務保証損失引当金の増減額(減少) Increase (decrease) in provision for loss on guarantees | - | - | 1,589 | - | - | - | - | - | - | - |
| 器具保証引当金の増減額(減少) Increase (decrease) in provision for gas appliance warranties | - | - | 2,895 | 5,482 | 5,904 | - | - | - | - | - |
| 投資損失引当金の増減額(減少) Increase (decrease) in provision for loss on guarantees | - | - | - | - | - | - | - | - | - | - |
| 前払年金費用の増減額(増加) Decrease (increase) in prepaid pension expenses | - | - | - | - | - | - | - | - | - | - |
| 退職給付に係る資産の増減額(増加) Decrease (increase) in retirement benefit asset | - | -3,513 | -2,996 | - | 8,221 | 8,828 | 3,057 | -3,511 | -3,366 | -8,502 |

(百万円 million yen)

| 会計年度 FY | 13.3 | 14.3 | 15.3 | 16.3 | 17.3 | 18.3 | 19.3 | 20.3 | 21.3 | 22.3 |
|---|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| 受取利息及び受取配当金 Interest and dividend income | -3,834 | -3,811 | -5,430 | -3,711 | -3,550 | -4,605 | -5,049 | -11,332 | -5,726 | -5,196 |
| 支払利息 Interest expenses | 8,431 | 8,567 | 9,475 | 10,003 | 9,612 | 9,505 | 10,126 | 12,192 | 11,087 | 10,400 |
| 持分法による投資損益(益) Share of loss (profit) of entities accounted for using equity method | -6,335 | -7,917 | -6,990 | 4,538 | -1,785 | - | - | -5,225 | -13,618 | -12,841 |
| 投資有価証券売却損益(益) Loss (gain) on sales of investment securities | - | -5,968 | -13,011 | - | - | - | - | - | - | - |
| 関係会社投資有価証券売却損益(-は益) Loss (gain) on sales of investment securities in subsidiaries and associates | - | - | - | - | - | - | - | - | -3,694 | -17,773 |
| 投資有価証券評価損益(益) Loss (gain) on valuation of investment securities | - | - | - | - | - | - | - | - | - | 2,484 |
| 固定資産売却損益(益) Loss (gain) on sales of fixed asset | - | - | -2,941 | -2,467 | - | - | - | - | - | - |
| 有形固定資産除却損 Loss on Disposal of Fixed asset | - | - | 1,666 | - | - | - | - | - | - | - |
| 固定資産圧縮損 Loss on tax purpose reduction entry of non-current assets | - | - | - | - | - | - | - | - | - | 2,335 |
| 売上債権の増減額(増加) Decrease (increase) in trade receivables | -8,514 | -20,573 | 4,132 | 23,852 | -11,151 | -15,519 | -27,714 | 12,239 | -1,203 | -48,430 |
| たな卸資産の増減額(増加) Decrease (increase) in inventories | -23,419 | 2,821 | -14,935 | 24,346 | 9,166 | -8,136 | -35,078 | 4,014 | 26,113 | -47,701 |
| 仕入債務の増減額(減少) Increase (decrease) in trade payables | 8,542 | 3,123 | -5,371 | -2,275 | -3,428 | 10,380 | 6,895 | 664 | 1,200 | 41,607 |
| 未払費用の増減額(減少) Increase (decrease) in accrued expenses | 814 | 2,887 | -2,361 | -6,294 | -968 | 2,276 | 6,068 | 3,316 | -124 | 11,109 |
| 未払消費税等の増減額(減少) Increase (decrease) in accrued consumption taxes | - | -1,913 | 11,402 | - | -11,776 | 4,854 | -4,085 | 4,568 | - | - |
| その他 Other, net | -338 | 9,091 | 4,663 | 35,016 | 7,563 | 12,898 | -20,253 | -3,645 | -5,335 | -29,068 |
| 小計 Subtotal | 160,684 | 181,993 | 196,731 | 322,161 | 193,274 | 193,729 | 90,776 | 196,384 | 239,635 | 144,713 |
| 利息及び配当金の受取額 Interest and dividends received | 9,425 | 10,524 | 8,678 | 6,387 | 7,700 | 10,815 | 13,523 | 21,844 | 15,461 | 50,615 |
| 利息の支払額 Interest paid | -8,453 | -8,734 | -9,592 | -10,224 | -9,657 | -9,315 | -10,186 | -12,280 | -11,375 | -10,559 |
| 法人税等の支払額 Income taxes paid | -32,058 | -29,557 | -38,909 | -36,504 | -42,516 | -26,498 | -28,997 | -23,056 | -23,924 | -39,419 |
| 営業活動によるキャッシュ・フロー Net cash provided by (used in) operating activities | 129,597 | 154,225 | 156,908 | 281,819 | 148,801 | 168,731 | 65,116 | 182,892 | 219,797 | 145,350 |

(百万円 million yen)

| 会計年度 FY | 13.3 | 14.3 | 15.3 | 16.3 | 17.3 | 18.3 | 19.3 | 20.3 | 21.3 | 22.3 |
|---|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| 投資活動によるキャッシュ・フロー Cash flows from investing activities | | | | | | | | | | |
| 有価証券の取得による支出 Purchase of securities | - | - | -2,997 | - | - | - | - | - | - | - |
| 有価証券の売却による収入 Proceeds from sales of securities | 1,900 | - | - | - | - | - | - | - | - | - |
| 有形固定資産の取得による支出 Purchase of property, plant and equipment | -91,884 | -109,425 | -105,082 | -109,910 | -83,435 | -73,082 | -80,099 | -117,574 | -169,607 | -173,450 |
| 有形固定資産の売却による収入 Proceeds from sales of property, plant and equipment | - | - | 8,285 | 5,486 | - | - | - | - | - | - |
| 無形固定資産の取得による支出 Purchase of intangible assets | -17,942 | -14,956 | -9,600 | -7,646 | -9,286 | -5,977 | -21,943 | -9,173 | -13,148 | -14,547 |
| 長期前払費用の取得による支出 Purchase of long-term prepaid expenses | -5,074 | -5,268 | -4,956 | -5,383 | -6,463 | -5,799 | -6,150 | -9,045 | -6,320 | -8,396 |
| 投資有価証券の取得による支出 Purchase of investment securities | -2,490 | - | - | - | - | - | -4,680 | -7,997 | -7,088 | -5,304 |
| 投資有価証券の売却による収入 Proceeds from sales of investment securities | 1,535 | 7,659 | 14,142 | - | - | - | - | - | - | 4,136 |
| 関係会社株式の取得による支出 Purchase of shares of subsidiaries and associates | -4,344 | -12,435 | -18,495 | -25,975 | -32,810 | -15,385 | -68,760 | -22,965 | -6,309 | -9,784 |
| 関係会社株式の売却による収入 Proceeds from shares of subsidiaries resulting in change in scope of consolidation | 2,676 | - | 4,807 | - | - | - | - | - | - | 52,302 |
| 連結の範囲の変更を伴う子会社株式の取得による支出/収入 Purchase / Proceeds from purchase of shares of subsidiaries resulting in change in scope of consolidation | -2,375 | -39,802 | - | -1,998 | -0 | -6,602 | -22,808 | -63,350 | -5,914 | - |
| 連結の範囲の変更を伴う子会社株式の売却による収入/支出 Proceeds from / Payments for sales of shares of subsidiaries resulting in change in scope of consolidation | - | - | - | 414 | 577 | 2,485 | - | 558 | 8,723 | - |
| 長期貸付けによる支出 Long-term loan advances | -2,840 | -7,727 | - | -7,791 | -5,117 | -3,000 | -5,133 | -5,443 | - | -4,307 |
| 長期貸付金の回収による収入 Collection of long-term loans receivable | - | 4,780 | - | - | - | - | - | - | - | 4,800 |
| 定期預金の預入による支出 Payments into time deposits | -3,630 | -2,152 | - | - | - | - | - | - | - | - |
| 定期預金の払戻による収入 Proceeds from withdrawal of time deposits | 6,817 | - | - | 4,430 | - | - | - | - | - | - |
| その他 Other, net | 862 | 3,735 | 3,193 | 4,175 | -991 | -3,093 | 5,382 | 2,724 | 1,311 | 2,387 |
| 投資活動によるキャッシュ・フロー Net cash provided by (used in) investing activities | -116,791 | -175,591 | -110,704 | -144,198 | -137,527 | -110,456 | -204,192 | -232,266 | -198,354 | -152,163 |

(百万円 million yen)

| 会計年度 FY | 13.3 | 14.3 | 15.3 | 16.3 | 17.3 | 18.3 | 19.3 | 20.3 | 21.3 | 22.3 |
|---|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| 財務活動によるキャッシュ・フロー Cash flows from financing activities | | | | | | | | | | |
| 連結の範囲の変更を伴わない子会社株式の取得による支出 Payments from changes in ownership interests in subsidiaries that do not result in change in scope of consolidation | - | - | - | -3,603 | - | - | - | - | - | - |
| コマーシャル・ペーパーの純増減額(減少) Net increase (decrease) in commercial papers | - | - | - | - | - | - | 46,000 | -46,000 | - | - |
| 短期借入金の純増減額(減少) Net increase (decrease) in short-term loans payable | -2,289 | - | -19,939 | - | - | - | - | - | -14,659 | - |
| 長期借入れによる収入 Proceeds from long-term borrowings | 20,475 | 69,356 | 71,650 | 15,456 | 19,248 | 18,719 | 129,306 | 44,170 | 35,946 | 42,844 |
| 長期借入金の返済による支出 Repayments of long-term borrowings | -16,641 | -36,870 | -17,420 | -25,298 | -18,763 | -48,399 | -37,759 | -47,418 | -44,572 | -60,388 |
| 社債の発行による収入 Proceeds from issuance of bonds | 10,000 | 25,000 | 30,000 | - | 10,000 | - | - | 175,000 | 75,000 | 40,000 |
| 社債の償還による支出 Redemption of bonds | -20,707 | -31,217 | -21,590 | -53,131 | -35,700 | - | -30,000 | -20,000 | -30,000 | -10,000 |
| 非支配株主からの払込みによる収入 Proceeds from share issuance to non-controlling shareholders | - | - | - | 190 | 133 | 400 | 195 | 240 | 206 | 402 |
| 配当金の支払額 Dividends paid | -16,656 | -18,738 | -18,742 | -20,809 | -20,803 | -20,800 | -20,801 | -20,799 | -20,793 | -22,857 |
| 非支配株主への配当金の支払額 Dividends paid to non-controlling interests | - | - | - | -602 | -948 | -1,218 | -980 | -1,165 | -749 | -7,859 |
| 非支配株主への払戻による支出 Repayments to non-controlling shareholders | - | - | - | - | - | - | - | - | - | -9,700 |
| その他 Other, net | -2,078 | -3,367 | -1,066 | -2,918 | -3,696 | -292 | -698 | -4,754 | -2,013 | -2,920 |
| 財務活動によるキャッシュ・フロー Net cash provided by (used in) financing activities | -27,897 | 4,163 | 22,892 | -90,716 | -50,530 | -51,591 | 85,262 | 79,272 | -1,636 | -30,479 |

(百万円 million yen)

| 会計年度 FY | 13.3 | 14.3 | 15.3 | 16.3 | 17.3 | 18.3 | 19.3 | 20.3 | 21.3 | 22.3 |
|---|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| 現金及び現金同等物に係る換算差額 Effect of exchange rate change on cash and cash equivalents | 2,100 | -1,894 | 3,336 | -328 | -3,197 | 666 | -1,478 | 1,145 | 838 | 1,299 |
| 現金及び現金同等物の増減額(減少) Net increase (decrease) in cash and cash equivalents | -12,992 | -19,097 | 72,433 | 46,574 | -42,454 | 7,349 | -55,292 | 31,043 | 20,644 | -35,993 |
| 現金及び現金同等物の期首残高 Cash and cash equivalents at beginning of period | 122,448 | 109,456 | 90,359 | 162,793 | 209,367 | 166,912 | 171,061 | 115,769 | 146,813 | 166,762 |
| 連結除外に伴う現金及び現金同等物の減少額 Decrease in cash and cash equivalents resulting from exclusion of subsidiaries from consolidation | - | - | - | - | - | -3,200 | - | - | -695 | - |
| 現金及び現金同等物の期末残高 Cash and cash equivalents at end of period | 109,456 | 90,359 | 162,793 | 209,367 | 166,912 | 171,061 | 115,769 | 146,813 | 166,762 | 130,769 |

関係会社の状況 Group companies

1 連結子会社 Consolidated subsidiaries

| | 会社名 Company name | 資本金 (百万円) Capital (million yen) | 主要な事業内容 Description of business | 持株比率 (%) Shareholding ratio (%) |
|--|---|---|--|---|
| 国内エネルギー Domestic Energy | 大阪ガスマーケティング(株) Osaka Gas Marketing Co., Ltd. | 100 | 家庭用お客さま向けのガス・電気の販売及びメンテナンス、機器販売事業、リフォーム事業等 Sales of gas and electricity for residential customers, maintenance, sales of appliances, home renovation, and others | 100.0% |
| | Daigasエナジー(株) Daigas Energy Co., Ltd. | 310 | 業務用等のお客さま向けのガス・電気の販売及び保守、機器販売・エンジニアリング・施工、エネルギーサービス事業、液化天然ガス・液化石油ガス販売事業、熱供給事業等 Sales and maintenance of gas and electricity for commercial customers; sales of appliances, engineering, and construction; energy service; sales of LNG and LPG; heating system supplies; and others | 100.0% |
| | Daigasガスアンドパワーソリューション(株) Daigas G&P Solution Co., Ltd. | 100 | ガス製造所・発電所のオペレーション及びメンテナンス、発電及び電気の販売、エンジニアリング等 Operation and maintenance of LNG terminals and power plants; power generation and sales of electricity; engineering, and others | 100.0% |
| | 大阪ガスファイナンス(株) Osaka Gas Finance Co., Ltd. | 600 | リース、クレジット、保険代理店業等 Leasing, Assistance with installment payments, insurance agency business, and others | 100.0% |
| | 大阪ガスインターナショナルトランスポート(株) Osaka Gas International Transport Inc. | 3,190 | LNG輸送 LNG transport | 100.0% |
| | Osaka Gas Energy Supply and Trading Pte. Ltd. | 40百万米ドル US\$40 million | LNGトレーディング LNG trading | 100.0% |
| | 尻別風力開発(株) Shiribetsu Wind Development Co., Ltd. | 598 | 電気供給事業 Electric power supply | 100.0% |
| | 泉北天然ガス発電(株) Senboku Natural Gas Power Generation Co., Ltd. | 2,000 | 電気供給事業 Electric power supply | 90.0% |
| | 中山共同発電(株) Nakayama Joint Power Generation Co., Ltd. | 300 | 電気供給事業 Electric power supply | 95.0% |
| | 中山名古屋共同発電(株) Nakayama Nagoya Joint Power Generation Co., Ltd. | 450 | 電気供給事業 Electric power supply | 95.0% |
| | (株)広川明神山風力発電所 Hirogawa Myojin-yama Wind Power Co., Ltd. | 490 | 電気供給事業 Electric power supply | 100.0% |
| | Daigas大分みらいソーラー(株) Daigas Oita Mirai Solar Co., Ltd. | 8 | 電気供給事業 Electric power supply | 100.0% |
| | 海外エネルギー International Energy | Osaka Gas USA Corporation | 1米ドル US\$1 | 天然ガス等及びエネルギー供給事業に関する投資等 Investment in natural gas projects, energy supply business |
| Osaka Gas Australia Pty Ltd *1 | | 1,327百万米ドル US\$1,327 million | 天然ガス等に関する開発、投資等 Development of and investment in natural gas, and others | 100.0% |
| Osaka Gas Gorgon Pty Ltd *1 | | 322百万米ドル US\$322 million | 天然ガス等に関する開発、投資等 Development of and investment in natural gas, and others | 100.0% |
| Osaka Gas Ichthys Pty Ltd *1 | | 152百万米ドル US\$152 million | 天然ガス等に関する開発、投資等 Development of and investment in natural gas, and others | 100.0% |
| Osaka Gas Ichthys Development Pty Ltd *1 | | 149百万米ドル US\$149 million | 天然ガス等に関する開発、投資等 Development of and investment in natural gas, and others | 100.0% |
| Osaka Gas Singapore Pte. Ltd. *1 | | 222百万シンガポールドル 222 million Singapore dollars | エネルギー関連事業に関する調査・開発・投資等 Research, development, investment and others relating to energy-related business | 100.0% |
| Osaka Gas UK, Ltd. *1 | | 134百万ユーロ €134 million | エネルギー供給事業に関する投資等 Investment relating to energy supply business | 100.0% |
| ライフ&ビジネス ソリューション Life & Business Solutions | 大阪ガス都市開発(株) Osaka Gas Urban Development Co., Ltd. | 1,570 | 不動産の開発、賃貸、管理、販売等 Development, leasing, management, and sales of real estate and others | 100.0% |
| | (株)大阪ガスファシリティーズ Osaka Gas Facilities Corporation | 100 | 建物及び設備の運転、管理、メンテナンス等 Operation, management, maintenance of buildings and facilities, and others | 94.4% |
| | (株)オーjis総研 OGIS-RI Co.,Ltd. | 440 | ソフトウェア開発、コンピュータによる情報処理サービス等 Software development / Computer-based data processing services and others | 100.0% |
| | さくら情報システム(株) Sakura Information Systems Co., Ltd. | 600 | ソフトウェア開発、コンピュータによる情報処理サービス等 Software development / Computer-based data processing services and others | 51.0% |
| | 大阪ガスケミカル(株)*1 Osaka Gas Chemicals Co., Ltd. 1 | 14,231 | ファイン材料、炭素材製品、活性炭及び木材保護塗料等の製造、販売 Manufacture and sales of fine materials, carbon material products, activated carbon and wood protective coating | 100.0% |
| | 水澤化学工業(株) Mizusawa Industrial Chemicals, Ltd. | 1,519 | 吸着機能材、樹脂添加剤の製造・販売等 Manufacture and sales of adsorbent functional materials and resin additives and others | 100.0% |
| Jacobi Carbons AB | 549千スウェーデンクローネ 549,000 Swedish Kronor | 活性炭の製造・販売等 Manufacture and sales of activated carbon, and others | 100.0% | |

等 計150社
and others, totaling 150 companies

*1 特定子会社に該当します。
1 Specified subsidiary

2 持分法適用関係会社 Equity method affiliates

| 会社名 Company name | 資本金:百万円 Capital (million yen) | セグメント Segment | 持株比率 (%) Shareholding ratio (%) |
|--|----------------------------------|---------------------------------|------------------------------------|
| (株)エネアーク Enearc Co., Ltd. | 1,040 | 国内エネルギー Domestic Energy | 50.0% |
| (株)CDエナジーダイレクト CD Energy Direct Co., Ltd. | 1,750 | 国内エネルギー Domestic Energy | 50.0% |
| FLIQ1 Holdings,LLC | - | 海外エネルギー International Energy | 25.0% |
| 等 計30社 and others, totaling 30 companies | | | |

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[Shin-Otemachi Building 6F, 2-2-1, Otemachi, Chiyoda-ku, Tokyo 100-0004, Japan](#)

イギリス拠点 **United Kingdom**

Osaka Gas UK, Ltd.

1st Floor, Carrington House, 126-130 Regent Street, London W1B 5SE, U.K.

アメリカ拠点 **USA**

Osaka Gas USA Corporation (Houston)

1330 Post Oak Blvd, Suite 1900 Houston, TX 77056, U.S.A.

Osaka Gas USA Corporation (New York)

1 North Lexington Avenue, Suite 1400, White Plains, NY 10601, U.S.A.

Osaka Gas USA Corporation (Silicon Valley)

440 North Wolfe Rd, Sunnyvale, CA 94085, U.S.A.

Sabine Oil & Gas Corporation (Houston)

1415 Louisiana Street, Suite 1600 Houston, TX 77002, U.S.A.

オーストラリア拠点 **Australia**

Osaka Gas Australia Pty. Ltd.

Level 22, 108 St Georges Terrace, Perth, Western Australia 6000, Australia

シンガポール拠点 **Singapore**

Osaka Gas Singapore Pte. Ltd.

Osaka Gas Energy Supply and Trading Pte. Ltd.

#30-02 Fraser Tower, 182 Cecil Street, Singapore 069547

タイ拠点 **Thailand**

Osaka Gas (Thailand) Co., Ltd.

55 Wave Place Building 10th Floor, Unit 10.04,

Wireless Road Lumpini Pathumwan, Bangkok 10330, Thailand

インドネシア拠点 **Indonesia**

PT OSAKA GAS INDONESIA

Osaka Gas Singapore Pte. Ltd. Jakarta Representative Office

Gedung. Summitmas1, Lantai 9 Jl. Jend. Sudirman Kav.61-62, Kelurahan Senayan, Kecamatan Kebayoran Baru Jakarta Selatan, 12190, Indonesia

フィリピン拠点 **Philippines**

Osaka Gas Singapore Pte. Ltd. Manila Representative Office

37F LKG Tower, 6801 Ayala Ave, Makati, 1226 Metro Manila, Philippines

年度表記に
関する注記
Note about the
Fiscal Year

各年3月期を当該会計年度と表示しています。
この冊子に記載されているデータは、弊社ウェブサイトからもダウンロードできます。
(<https://www.daigasgroup.com/ir/library/factbook/>)

Fiscal Year ends at March 31.
The data in this book can be downloaded from the Daigas group's Website.
(<https://www.daigasgroup.com/en/ir/library/factbook/>)

単位換算
Unit conversion

| バレル (bbl) | リットル (l) | トン (t) |
|-----------|----------|--------|
| 1.0 | 159 | 0.14 |
| 6.3 | 1,000 | 0.88 |
| 7.3 | 1,159 | 1.00 |

1トンのLNGから製造できるガス量(産気量)
LNG 1トン \approx 2m³ (液体積) \approx 1,200m³N (0°C・1気圧・45MJでのガス量)
LNG火力発電(熱効率40%、稼働率50%とする場合)
LNG 1トン \approx 6,048kWh
100万kWの発電設備…約72万トン/年のLNGを消費
出所:経済産業省「総合エネルギー統計」より算出

Gas volume that can be produced from 1 ton of LNG (air volume)
LNG \approx 2 m³ (liquid volume) \approx 1,200 m³N (gas volume at 0°C, 1 atm, 45MJ)
LNG-fired power generation (40% thermal efficiency, 50% utilization rate)
1 ton of LNG \approx 6,048 kWh

1 million kW power generation facility... Consumption of LNG for approximately 720,000 tons/year
Source : Calculated from the Ministry of Economy, Trade and Industry's "Comprehensive Energy Statistics"

