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</tbody>
</table>
### Characteristics of the Business Base

#### Advantage

| Demand for Electric Power | • Increasing demand as population increasing  
|                          | • As the proportion of energy for consumer use is high, the effects of business fluctuations are low |
| Competition              | • Severance from competition among electric power companies on account of its isolated system  
|                          | • No competition with PPS (Power Producers and Suppliers)  
|                          | • The advance of private power generation operations is limited (Prevention of demand withdrawals through Progressive Energy Corp, a subsidiary of OEPC.) |

#### Disadvantage

| Electric Power Generation Facilities | • Due to having an isolated system, it is necessary to have a high margin of power generation reserves  
|                                      | • Electrical power source composition reliant only on oil and coal |
| Fuel                                 | • As oil and coal are the only fuels used, high commodity prices exert a great influence |
| Remote Islands                       | • With remote islands where cost efficiency is low, the Remote Islands Company constantly records losses |
| The Environment                      | • Dependent on fossil fuels (oil and coal) with a high environmental burden |
Stable growth is forecasted for demand for electric power, centering on increased demand for consumer use accompanying population increases.

### Okinawa

<table>
<thead>
<tr>
<th>Year</th>
<th>Consumer Use</th>
<th>Industrial Use</th>
<th>Population (Okinawa)</th>
</tr>
</thead>
<tbody>
<tr>
<td>2007</td>
<td>1,314 (18%)</td>
<td>6,177 (82%)</td>
<td></td>
</tr>
<tr>
<td>2008</td>
<td>1,323 (18%)</td>
<td>6,153 (82%)</td>
<td></td>
</tr>
<tr>
<td>2009</td>
<td>1,323 (18%)</td>
<td>6,155 (82%)</td>
<td></td>
</tr>
<tr>
<td>2010 (Forecast)</td>
<td>1,292 (17%)</td>
<td>6,190 (83%)</td>
<td></td>
</tr>
<tr>
<td>2019 (Estimate) (FY)</td>
<td>1,431 (16%)</td>
<td>7,243 (84%)</td>
<td></td>
</tr>
</tbody>
</table>

### Nationwide (Excluding Okinawa)

<table>
<thead>
<tr>
<th>Year</th>
<th>Consumer Use</th>
<th>Industrial Use</th>
<th>Population (Okinawa)</th>
</tr>
</thead>
<tbody>
<tr>
<td>2007</td>
<td>1,100 (17%)</td>
<td>8,674 (18%)</td>
<td></td>
</tr>
<tr>
<td>2008</td>
<td>1,150 (18%)</td>
<td>1,420 (18%)</td>
<td></td>
</tr>
<tr>
<td>2009</td>
<td>1,200 (18%)</td>
<td>1,373 (82%)</td>
<td></td>
</tr>
<tr>
<td>2010 (Forecast)</td>
<td>1,250 (18%)</td>
<td>1,376 (82%)</td>
<td></td>
</tr>
<tr>
<td>2019 (Estimate) (FY)</td>
<td>1,300 (16%)</td>
<td>7,243 (84%)</td>
<td></td>
</tr>
</tbody>
</table>

### Growth Rates

<table>
<thead>
<tr>
<th>Period</th>
<th>Okinawa</th>
<th>Nationwide (Excluding Okinawa)</th>
</tr>
</thead>
<tbody>
<tr>
<td>1998-2008</td>
<td>1.2 (1.8)</td>
<td>1.5 (1.6)</td>
</tr>
<tr>
<td>2008-2019</td>
<td>1.4 (1.4)</td>
<td>0.7 (0.7)</td>
</tr>
</tbody>
</table>

Note: Figures in brackets are post temperature correction.

Source: Japan Electric Power Survey Committee

(Growth rates were calculated from loads for distribution)

Note: Figures in brackets are post temperature correction.
The proportion of private power generation in Okinawa is 3%
Progressive Energy Corp’s share of private power generation in commercial use sectors is 58%  
(As of December 31, 2010)

### Trend in the Permitted Output of Private Power Generators

<table>
<thead>
<tr>
<th>Year</th>
<th>Total (MW)</th>
<th>Commercial Use</th>
<th>Industrial Use</th>
</tr>
</thead>
<tbody>
<tr>
<td>2006</td>
<td>57 (46)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>2007</td>
<td>52 (38)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>2008</td>
<td>43 (35)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>2009</td>
<td>42 (34)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>2010.12</td>
<td>42 (34)</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

* The figures in brackets show number of cases.

### Trend in independent power generation (output and number of facilities)

<table>
<thead>
<tr>
<th>Type of Operation</th>
<th>FY 2007</th>
<th>FY 2008</th>
<th>FY 2009</th>
<th>FY 2010</th>
</tr>
</thead>
<tbody>
<tr>
<td>Switch to power purchase</td>
<td>-5MW (-8Cases)</td>
<td>-11MW (-5Cases)</td>
<td>-1MW (-2Cases)</td>
<td>-1MW (-2Cases)</td>
</tr>
<tr>
<td>Switch to independent power generation</td>
<td>0 Case (2Cases)</td>
<td>1MW (1Case)</td>
<td>α (1Case)</td>
<td>7MW (3Cases)</td>
</tr>
<tr>
<td>Total</td>
<td>-5MW (-8Cases)</td>
<td>-9MW (-3Cases)</td>
<td>-1MW (-1Case)</td>
<td>6MW (1Case)</td>
</tr>
</tbody>
</table>

* Totalizing only continuously used power generators interconnected to the company's power grid.
* Excluding wind power, solar power and the company's facilities.
* Retroactively revised due to a change in the counting method. (Sep. 2010)

#### Competition with Private Power Generation Operations

- **The Okinawa Electric Power Company, Inc.**

#### Status of market penetration by private power generators

- **Our Supply**
  - 97%
  - 2,231MW

- **Proportion of private power generation in Okinawa**
  - Private Power Generation
    - 3%
    - Commercial Use 2%
    - Industrial Use 1%

- **PEC’s share of private power generation in Okinawa**
  - Private Ownership
    - 37%
    - 16MW (15 Cases)
  - Other Companies
    - Total
      - 2MW (2Cases)
    - 5%
  - PEC: Progressive Energy Corp.
A high generation reserve margin is necessary for such reasons as the inability to exchange power with other electric power companies because of OEPC’s isolated system and the responsibility to provide stable supply as a public utility.

The power supply reserve is achieved by securing the equivalent reserve capacity of the largest single generator so that it is possible to provide stable supply even if the largest unit breaks down.

Part of the margin is provided by gas turbines, which carry lower investment burden (permitted output: 266MW).

Although there are factors encouraging increased facility investment associated with the growth of electric power demand, OEPC is making efforts to suppress the level of facility investment and promote load leveling and the like, aiming at efficient facility formation.
Power Supply Composition

- Power supply is dependent on oil and coal because of the difficulty of finding sites for hydro or nuclear power generation due to factors including geographic and topographical characteristics and constraints on the scale of demand.

- Introducing LNG thermal power stations to diversify power supply sources
  Improving security for the stable supply of electric power

Electric Power Composition Ratio (Generating End)

Totals for the 10 Major Electric Power Companies (FY2009: Estimated Results)

- Nuclear Power: 29.2%
- Hydro Power: 8.1%
- Oil/etc: 7.6%
- New Energy, Others: 1.1%
- LNG: 29.4%
- Coal: 24.7%

Okinawa Electric Power Company (FY2009: Results)

- Oil: 21%
- New Energy, Others: 1%
- LNG: 30%
- Coal: 53%

Image of Situation Following the Start of LNG Thermal Power Station Operation

- Oil: 16%

(FY2019)

- Coal: 53%
- New Energy, Others: 1%
- LNG: 30%

* Both pie charts include energy supplied by other companies.

(Source: Agency for Natural Resources and Energy, "Summary of Electric Power Supply Planning, FY2010")
**Construction Purpose**

Response towards steady demand increases
Environmental measures → Avoidance of large environment costs
Fuel diversification → Improvement of energy security
Search for new business opportunities making efficient use of LNG

**Investment Plan**

Power generation facilities, Generators No.1 & 2 (251,000 kW each)
2 LNG terminals (140,000 kl each)
Including other expenses, the operation is on the scale of 100 billion yen
The forecast investment peak is from FY2010 – FY2011

**Construction Schedule**

- **2003-2007**
  - Environmental assessment, etc., investigation of various procedural matters, facility specifications, etc.
- **2007-2012**
  - Construction work
- **Nov. 2012**
  - Start of operations at Generator No.1
- **May 2013**
  - Start of operations at Generator No.2
- **From 2016 on:**
  - Start of operations at Generators No.3 & 4

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Main Points for 2011
- Start of installation work of a heat recovery steam generator
- Start of installation work of a gas turbine body
- Start of installation work of a steam turbine body

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The Okinawa Electric Power Company, Inc.
Effects on Finance (Past Tendencies)

- The balance of interest bearing liabilities increased
- Large depreciation burden and decreased income associated with large-scale facility investment

Countermeasures

- Creation of strong financial characteristics able to withstand the Yoshinoura Thermal Power Station investment burden
  → Control the increase of the balance of interest bearing liabilities
- Reduction of the depreciation burden associated with the start of operations at Yoshinoura Thermal Power Station
  → Investigating the way for cost leveling including the finance lease for the LNG terminals.

Perspective

<table>
<thead>
<tr>
<th>Power Generation Facilities</th>
<th>LNG Terminals</th>
</tr>
</thead>
<tbody>
<tr>
<td>Application of usual finance to electricity operation as a whole</td>
<td>Aim at stable costs for a part of fuel costs</td>
</tr>
<tr>
<td>Earlier depreciation as previously using a fixed percentage method</td>
<td>Currently investigating cost leveling through lease finance</td>
</tr>
</tbody>
</table>

If finance lease is adopted, the company applies on-balance sheet and non-transfer-ownership contracts.

The Okinawa Electric Power Company, Inc.
Great effects are exerted on the company by movements in fuel prices.

The outlook of fuel prices is uncertain due to the rise trend with the economic growth of China and India.

Although there is a time lag, fuel price changes are reflected to the electricity rates through the Fuel Cost Adjustment System.

* Activities this term
  
  **<Fuel Oil>**
  - Diversification of fuel oil suppliers through regular purchase
  - Reduction of fuel costs via utilization of spot market
  
  **<Coal>**
  - Achieving stable coal supply and fuel cost reduction via long term contracts for coal and transport vessels
  - Secure stable supply and reduced fuel cost by dispersing embarkation port and shifting to closely-located supply sources.
  - Reduce transportation cost by utilizing “Shinryomaru”, a specialized carrier for low transportation cost, and competitive COA (Contract of Affreightment).
  - Life expansion of ash processing facilities and the reduction of fuel costs by increasing the use of sub-bituminous coal which has lower ash, lower sulfur and lower environmental load than bituminous coal.

Achieving stable fuel supply and pursuing cost reductions
The fuel cost adjustment system was introduced for the purpose of clarifying the “internal factors” such as the results of efforts to promote management efficiency at electric power companies and reflecting “external factors” onto electricity rates such as exchange rates and oil and coal and LNG prices that alter the economic situation.

**Summary of the System**

The fuel cost adjustment system was introduced for the purpose of clarifying the “internal factors” such as the results of efforts to promote management efficiency at electric power companies and reflecting “external factors” onto electricity rates such as exchange rates and oil and coal and LNG prices that alter the economic situation.

**Range of fuel cost adjustment**

- We will calculate the average fuel price based on the prices of crude oil, coal and LNG on the trade statistics during the period between five months and three months prior to the fuel cost adjustment, and electricity charge will be automatically adjusted each month by comparing the above price with the standard fuel price at the time of electricity rate revision.
- The maximum level of fuel cost adjustment will be 50%.
- There will be no lower adjustment limit.

**Conceptual drawing of the fuel cost adjustment system**

E.g. The average fuel price during the period between December and February of the following year will be applied to fuel cost adjustment for the electricity charge for May in the following year.

The average fuel price during the period between January and March will be applied to fuel cost adjustment for the electricity charge for June in the same year.

- Official announcement of trade statistics
- 3-month average fuel price
- 2-month time-lag
- Fuel cost will be adjusted each month
- Electricity charge for May will be applied to the electricity use starting as early as April 1.
### Trend of Average Fuel Price and Standard Fuel Price (Since July 2006)

#### Trend of Average Fuel Price and Standard Fuel Price

![Graph showing the trend of average fuel price and standard fuel price](image)

| Period for estimating a fuel price range | 06.2Q | 07.1Q | 07.2Q | 07.3Q | 07.4Q | 08.1Q | 08.2Q | 08.3Q | 08.4Q | 09.1Q | 09.2Q | 09.3Q | 09.4Q | 10.1Q | 10.2Q | 10.3Q | 10.4Q | 10.5Q | 10.6Q | 10.7Q | 10.8Q | 10.9Q | 10.10Q | 10.11Q | 10.12Q | 11.1Q | 11.2Q | 11.3Q |
|----------------------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| Standard Fuel Price (Yen/kl)           | 18,700| 25,100| 38,000 |
| Average Fuel Price (yen/kl)            |       |       |        |
| Average Crude Oil Price (yen/kl)       | 43,843| 44,530| 44,267 |
| Average Coal Price (yen/t)              | 8,140 | 8,095 | 8,290 | 8,570 | 8,978 | 9,493 | 9,831 | 9,934 | 9,776 | 9,562 | 9,388 | 9,399 |

#### Method of calculating Average Fuel Price

\[
\text{Average Fuel Price} = A \times \alpha + B \times \beta
\]

- \(A\): Average crude oil price per kiloliter in each quarter
- \(B\): Average coal price per ton in each quarter

\(\alpha\) and \(\beta\) are coefficients in Provisions of supply to calculate the average fuel price. (Reference \(\alpha\):0.2410 , \(\beta\):1.1282 Provisions of supply Sep. 2008 effective)

**September 2008 Revision**

From May 2009, the fuel cost adjusted unit price was revised each month.
Recent changes in standard household electricity charges

[¥] Changes in standard Household electricity charges

7,500
7,000
6,500


4 5 6 7 8 9 10 11 12 1 2 3

2010 2011
※ 300kWh/Month

The Okinawa Electric Power Company, Inc.
The Excess Electricity Purchasing Scheme for photovoltaic power was launched on November 1, 2009, based on the Japanese state law to cover the cost of introducing solar photovoltaic power generation facilities by the entire nation and promote the introduction of solar photovoltaic generation with the aim of reducing CO₂ emissions domestically. This system obliges electric power companies to purchase surplus electricity, which is generated using solar photovoltaic power facilities and meets the requirements, at the unit price specified in the law for 10 years. This program is designed to be “an all-participating system,” in which all customers assume the cost incurred for the purchase as photovoltaic generation surcharge (PV surcharge) according to their electricity usages.

### Unit price of electricity purchase (FY2010)

*The buy-back rates for FY 2011 are not yet decided*

(The maximum electricity receivable*1*)

<table>
<thead>
<tr>
<th><em>500kW</em></th>
<th><em>50kW</em></th>
<th><em>10kW</em></th>
</tr>
</thead>
<tbody>
<tr>
<td>50kW or greater</td>
<td>Less than 500kW²</td>
<td>24 yen (20 yen³)</td>
</tr>
<tr>
<td>10kW or greater</td>
<td>Less than 50kW</td>
<td>24 yen (20 yen³)</td>
</tr>
<tr>
<td>Less than 10kW</td>
<td></td>
<td>48 yen (39 yen³)</td>
</tr>
</tbody>
</table>

| Residential electricity [Low-voltage] | Non-residential electricity [High-voltage] |

※1. “The maximum electricity receivable” is either of the smaller of electricity generated through solar panel system or solar power inverter system.

※2. If the maximum electricity receivable is within the range between 50kW or greater and less than 500kW, this unit price of purchase will be applicable only when the maximum electricity receivable does not exceed the electricity contract (contract on electricity supply from us.)

※3. Unit price of purchase in the case where the customer has installed other in-house power generation facilities (including secondary batteries) and, while there is be no inflow of electricity from such facilities to our electricity system, inflow of electricity from solar power generation facilities may increase because in-house power generation facilities are also installed.

**Unit Price of PV Surcharge**

The solar power generation incentive rebate rates applied in FY 2010 and 2011 are as shown in the table below.

<table>
<thead>
<tr>
<th>Unit Price of PV Surcharge</th>
</tr>
</thead>
<tbody>
<tr>
<td>FY 2010</td>
</tr>
<tr>
<td>FY 2011</td>
</tr>
</tbody>
</table>

※The electricity charge includes the consumption tax.
Improvement of Remote Island Income and Expenditure [1/2]

 Movements in Remote Island Revenue and Expenditure

- **Revenue**: 12.3, 12.8, 12.7, 12.4, 12.6, 13.3, 13.6, 13.7, 14.7, 14.0, 14.3 (billion yen)
- **Expenditure**: 17.2, 17.0, 15.7, 16.2, 15.9, 19.3, 22.2, 20.7, 21.8, 20.1, 20.6 (billion yen)
- **Ordinary Income**: -5.0, -4.2, -3.0, -3.8, -3.3, -6.0, -8.6, -6.9, -7.0, -6.1, -6.3 (billion yen)

Remote Island Operations Division
Remote Island Company

- **Damage worth 800 million yen due to Typhoon No. 14 (Miyako) (FY: 2003)**
- **Increased Fuel Costs**: Change of Oil Type (C → A heavy oil), High Cost of Crude Oil (FY2005-)
- **Decreased Fuel Costs**: Change of Oil Type (A → FCC-C heavy oil)

Electricity Sales (FY2009) (Total: 7,478 million kWh)
- **Main Island**: 6,837 million kWh 91.4%
- **Remote Islands**: 641 million kWh 8.6%

Residential, Commercial and Industrial Use Charges (FY2009) (Total: 150.6 billion yen)
- **Main Island**: 136.7 billion yen 90.8%
- **Remote Islands**: 13.9 billion yen 9.2%

Remote island business occupies slightly less than one-tenth of electricity sales and residential, commercial and industrial use charges.
The region has a high cost structure because of such reasons as having small islands scattered about a vast sea area and the narrow scale of the economy.

In order to construct a system enabling fast implementation of measures to improve inequalities in income and expenditure, a Remote Island Operations Division was launched in FY2001 and from FY2002, this was converted into the Remote Island Company.

- Establishing remote control system for power generation plants in Miyako and Ishigaki.
- Revising the procedures for regular inspections on electric power supply facilities.
- Purchasing other companies’ idle facilities and moving idle facilities of own company.
- Switching from A heavy oil to FCC-C heavy oil.

Fuel costs are greatly increasing due to the recently soaring price of crude oil.

We work out new measures to stabilize supply and improve the balance of revenue and expenditure while pushing ahead with ongoing various measures

- Reducing fuel consumption by introducing New energy (Retractable wind-power generators, Remote island micro grid system etc.).
- Effective utilization of waste oil. etc.

Improvement of Remote Island Income and Expenditure [2/2]

<table>
<thead>
<tr>
<th>Year</th>
<th>Fuel Cost (Billion Yen)</th>
</tr>
</thead>
<tbody>
<tr>
<td>2001</td>
<td>4.7</td>
</tr>
<tr>
<td>2009</td>
<td>8.3</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Year</th>
<th>Maintenance Cost (Billion Yen)</th>
</tr>
</thead>
<tbody>
<tr>
<td>2001</td>
<td>3.4</td>
</tr>
<tr>
<td>2009</td>
<td>3.5</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Year</th>
<th>Personnel Cost (Billion Yen)</th>
</tr>
</thead>
<tbody>
<tr>
<td>2001</td>
<td>1.8</td>
</tr>
<tr>
<td>2009</td>
<td>1.5</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Year</th>
<th>Depreciation Cost (Billion Yen)</th>
</tr>
</thead>
<tbody>
<tr>
<td>2001</td>
<td>2.6</td>
</tr>
<tr>
<td>2009</td>
<td>2.4</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Year</th>
<th>Depreciation Cost (Billion Yen)</th>
</tr>
</thead>
<tbody>
<tr>
<td>2001</td>
<td>2.6</td>
</tr>
<tr>
<td>2009</td>
<td>2.4</td>
</tr>
</tbody>
</table>
### Addressing the global warming issues

- Finding sites for hydro or nuclear power is difficult in Okinawa Prefecture due to reasons including the region’s geological and geographic characteristics and constraints on the scale of demand
  - Dependency on fossil fuels (oil, coal, etc.)

<table>
<thead>
<tr>
<th>Name of Funds</th>
<th>Acquired credit volume or amount of investment (contract basis)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Equity participation in carbon funds</td>
<td>Contract of amount of investment</td>
</tr>
<tr>
<td></td>
<td>6 million dollars</td>
</tr>
<tr>
<td></td>
<td>Contract of credit volume</td>
</tr>
<tr>
<td></td>
<td>Approx. 4.1 million tons-CO$_2$</td>
</tr>
<tr>
<td>Purchase Contract with a trading company etc.</td>
<td></td>
</tr>
</tbody>
</table>

- Introduction of LNG thermal power, which creates low CO$_2$ emissions (Yoshinoura Thermal Power Station)
- Promotion of the introduction of “new energy” based on the RPS system
- Efficient operation of thermal power plants
- Promotion of multi-fuel operation with biomass energy
- Equity participation in carbon funds taking advantage of the Kyoto Mechanism

(as of March 31, 2010)

- Investment for CCS survey research
- Promoting introduction of electric vehicles for business-use (introducing 100 electric vehicles by FY2020)
- Promoting energy saving on the demand side (by offering EcoCute services, etc.)

(cf.) Actual result of CO$_2$ emission coefficient for 2008: 0.946kg - CO$_2$/kWh (The figure after adjustment is the same)

Actual result of CO$_2$ emission coefficient for 2009: 0.931kg - CO$_2$/kWh (The figure after adjustment is the same)
Q1. What is the Current State of the Okinawa Prefectural Economy and What is the Future Forecast?
   1) Okinawa’s Economy
   2) Annual Average Growth Rates for GDP and Per Capita Prefectural (National) Income
   3) Population and Household Growth in Excess of Nationwide Growth
   4) Okinawa Prefecture Demographics
   5) Trends in the Number of Incoming Tourists and Guest Rooms at Accommodation Facilities
   6) Trends in U.S. Base Related Income

Reference: Main Economic Indicators

Q2. What is the Current State of U.S Military Bases?

Q3. What are the Effects of Liberalization of Electric Power and What is the Future Forecast for Liberalization?

Q4. What are the Special Tax Measures?

Q5. What is the Current State of the Promotion of All-Electric Houses?

Q6. What is the Current State of the New Demand Creation Through the Promotion of Commercial Electrification Equipment?

Q7. What is the Past Trend for Ordinary Income and What is the Forecast for this Fiscal Year?

Q8. What are the trends of the Capital Expenditure and Free Cash Flows?

Q9. What is the Status of Wind and Solar Power Electricity Generation Facilities?

Q10. What is a retractable wind-power generator?

Q11. What is the New Energy verification studies for the Remote Island Independent System?

Q12. How do Current Electricity Rates Compare to Rates at Other Companies?

Q13. What are the CO₂ Emission Volumes by Fuel Type?

Q14. What is the Current State of the Progress of Discussion in the Gas Industry?

Q15. What is the PCB Waste Treatment?

Q16. What is the Current Situation of the Bill of the Basic Act on Global Warming Countermeasures?

O Change in Okinawa Electric Power Company’s Stock Price
O Earnings Per Share and Payout Ratio
O Reference
Q1. What is the Current State of the Okinawa Prefectural Economy and What is the Future Forecast?

1 Okinawa’s Economy

The current state of affairs

The prefecture economy continues to show a recovery from the recovery of tourism demand and the underpinning of consumer spending as a result of fiscal stimulus.
• Consumer spending is, while weak as a whole, partly showing a recovery supported by fiscal stimulus.
• Construction demand is lower than in the previous year in both public works and in housing starts.
• The number of tourists increased from the previous year as domestic visitors remained strong.
• The unemployment rate still remains high.

Prospects

An expansion of slow but improving trend is expected as the tourism and consumer spending will be supported by a moderate economic recovery.
On the other hand, the effects of overseas economies and the loss of fiscal stimulus on consumer spending need to be watched.

Trends in Main Economic Indicators (Rates of Growth) (%)

<table>
<thead>
<tr>
<th>Indicators</th>
<th>FY2009</th>
<th>FY2010</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>First Half</td>
<td>Secon d Half</td>
</tr>
<tr>
<td>Sales by large-scale retailers</td>
<td>-2.4</td>
<td>-4.2</td>
</tr>
<tr>
<td>No. of new car sold</td>
<td>-11.9</td>
<td>19.0</td>
</tr>
<tr>
<td>Wholesale shipments of household appliance</td>
<td>7.4</td>
<td>29.1</td>
</tr>
<tr>
<td>New residential construction starts</td>
<td>-1.7</td>
<td>-25.2</td>
</tr>
<tr>
<td>Value of public works contracts</td>
<td>8.3</td>
<td>-12.4</td>
</tr>
<tr>
<td>No. of Inbound tourists</td>
<td>-4.0</td>
<td>-4.2</td>
</tr>
<tr>
<td>Total unemployment rate</td>
<td>7.6</td>
<td>7.4</td>
</tr>
<tr>
<td>Value of corporate failures</td>
<td>-83.2</td>
<td>-44.6</td>
</tr>
</tbody>
</table>

Note 1: The figures for ‘Sales by large-scale retailers’ are calculated on an all-store base.
Note 2: The figures quoted here for ‘Wholesale shipments of household appliance’ are estimates.
Note 3: The figures for ‘Total unemployment rates’ are raw data.
Source: Okinawa General Bureau, Okinawa Prefecture, Okigin Economic Institute, and others.
Due to measures based on the Okinawa Promotion and Development Plan, GDP growth in Okinawa prefecture is expected to exceed the national average. The forecast is for an annual average growth rate of 4.4% in Okinawa prefecture up to 2011, higher than the national annual average of 0.3%.

Furthermore, per capita income is also expected to increase, supported by the growth of prefectural GDP. Growth of about 10.4% is anticipated, in contrast to the national figure of 7.3%.

<table>
<thead>
<tr>
<th></th>
<th>FY2008</th>
<th>FY2011</th>
<th>Annual Average Growth Rate FY2008-Y2011</th>
</tr>
</thead>
<tbody>
<tr>
<td>Prefectural GDP</td>
<td>3,984.5bn</td>
<td>4,531.1bn</td>
<td>Approx. 4.4%</td>
</tr>
<tr>
<td>National GDP</td>
<td>539,484.0b</td>
<td>545,054.7b</td>
<td>Approx. 0.3%</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th></th>
<th>FY2008</th>
<th>FY2011</th>
<th>Annual Average Growth Rate FY2008-Y2011</th>
</tr>
</thead>
<tbody>
<tr>
<td>Prefectural Income</td>
<td>2.04m</td>
<td>2.74m</td>
<td>Approx. 10.4%</td>
</tr>
<tr>
<td>National Income</td>
<td>2.75m</td>
<td>3.40m</td>
<td>Approx. 7.3%</td>
</tr>
</tbody>
</table>

While nationwide (excluding Okinawa) is expected to decrease by 0.34% annually on average from FY 2009 to FY 2019, the population in Okinawa is expected to increase by 0.24%.

Whereas the population reached a peak in 2004 on a nationwide basis and has entered a downswing since then, Okinawa is expected to reach its population peak between 2025 and 2030.

Thanks to the stability growth of household numbers in association with the increasing population, residential demand increases are expected.
Demographics of Okinawa Prefecture are in outflow of 0.5 person per 1,000 people in terms of social increase in population, but natural increase in population remains steady and is at the top nationwide with 5.0 persons per 1,000 people.

Consequently, growth of population in the prefecture significantly exceeds the national average of -1.4 person, with 4.5 persons per 1,000 people.


Note: Social increase of population = Incoming population – Outgoing population

The figures in brackets in the chart show Okinawa Prefecture’s national ranking.


Note: Natural increase of population = Births – Deaths

The figures in brackets in the chart show Okinawa Prefecture’s national ranking.
Q1. What is the Current State of the Okinawa Prefectural Economy and What is the Future Forecast?

5. Trends in the Number of Incoming Tourists and Guest Rooms at Accommodation Facilities

- FY2009 Result for incoming tourists: 5.69 million people (-4.1% in the previous year’s figure)
- The target figures for 2010 are 6 million incoming tourists

With the number of tourism related facilities (hotels, etc.) increasing in association with increased numbers of incoming tourists, increases are forecast for demand for commercial use electricity.

Sources: "Summary of Okinawa Promotion measure", "Tourism Directory", "Visit Okinawa Plan"

- The survey of guest rooms at accommodation facilities changed from a biennial to an annual basis from 2003.

[Reference]

1. FY2010 Visit Okinawa Plan
   - Incoming Tourists 6.00 million
     (Including Tourists from foreign countries 0.3 million)
   - Tourist Income 438.0 billion Yen

2. Apr. ~ Dec. FY2010 Results
   - Incoming Tourists 4.44 million
     (Including Tourists from foreign countries 0.25 million)
   - 3.9% growth rate (YoY)

Because of a rise in foreign tourists in addition to the interscholastic athletic meet hosted in Okinawa, the number of tourists exceeded the previous year which was affected by H1N1 flu and economic slump.
U.S. Base related income has become an income source that supports the Okinawa economy. However, the level of dependence on the bases has been falling year on year as the prefectural economy expands, and it had fallen to 5.3% in FY2007 from the 15.5% share at the time Okinawa was returned to Japan (1972).
### Reference: Main Economic Indicators

**Trends in Main Economic Indicators (Year-on-Year Comparison)**

<table>
<thead>
<tr>
<th>Indicators</th>
<th>FY2009</th>
<th>FY2010</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>1st half</td>
<td></td>
</tr>
<tr>
<td>Sales by large-scale retailers</td>
<td>-2.4</td>
<td>-5.2</td>
</tr>
<tr>
<td>No. of new car sold</td>
<td>-11.9</td>
<td>6.8</td>
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<td>7.1</td>
</tr>
<tr>
<td>Value of corporate failures</td>
<td>-83.2</td>
<td>49.6</td>
</tr>
</tbody>
</table>

**Units:** %

**Note 1:** The figures for ‘Sales by large-scale retailers’ are calculated on an all-store base.

**Note 2:** The figures for ‘Total unemployment rates’ are raw data.

**Source:** Okinawa General Bureau, Okinawa Prefecture, Okin Economic Institute, and others.
**Q2. What is the Current State of U.S. Military Bases?**

**Proportion of Demand Taken Up By U.S. Armed Forces**

- **Total Demand**: 7,478 million kWh
- **Planned return of facilities**: 1.4~3.4%※

※Range in figures due to planned return of facilities includes partial return.

**Summary of U.S. Armed Forces in Okinawa**

(As of Mar. 2010)

<table>
<thead>
<tr>
<th>No. of Facilities</th>
<th>33</th>
</tr>
</thead>
<tbody>
<tr>
<td>Area</td>
<td>229 km²</td>
</tr>
<tr>
<td>Soldiers</td>
<td>24,612</td>
</tr>
<tr>
<td>Other Staff, Families</td>
<td>20,283</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td>44,895</td>
</tr>
</tbody>
</table>

* The figures for personnel are as of the end of September 2009.
  Reference: No. of army employees: 9,155 * As of the end of November 2009


**U.S. Armed Forces demand**

- Demand was about 9.4% of total demand and about 7.1% of revenue in fiscal 2009.
- The proposal for reorganization of the U.S. Armed Forces was agreed upon by the U.S.-Japan Security Consultative Committee on May 1, 2006, and the facilities to be returned were clarified.
- The schedule for return of US military bases, which should have been developed by March 2007, has not been formulated yet and the detailed plan remains uncertain.
- Although Japan and the U.S. reached an agreement with the Henoko plan as a result of reviewing several plans for a new location of the U.S. Futenma Airbase after the change of government in September 2009, the Okinawa Prefecture and Nago City have not agreed with the plan, making its future outlook uncertain.
- Although there will be a temporary decrease in demand if facilities are returned, activation of the regional economy is forecasted in line with the redevelopment of returned sites.
- From now on, the company shall analyze the effects of returns on operations while paying attention to state and prefectural activity with regard to the proposal for reorganization of the U.S. Armed Forces.

**[U.S.-Japan roadmap drafted for realignment of U.S. forces]**

(Source: Website of Japan Ministry of Defense)

- Realignment of U.S. forces in Okinawa (main contents)
  - (a) Construction of supplement facility of Futenma Airbase: Futenma Replacement Facility (FRF) → Relocation to Camp Schwab scheduled to complete in 2014.
  - (b) Reduction of military forces and relocation to Guam → Relocation of 8,000 Marine Corps and their family (9,000 persons) to Guam by 2014.
  - (c) Return of land → Total or partial return of land of six bases south of Kadena airport.
  * Said return of land will take place after completion of personnel relocation, after 2014.

[Others] In addition to the plan mentioned above, there is a plan to deploy a PAC-3 unit, which calls for relocation of 600 staffers and their 900 family members from Texas, the U.S., to Okinawa. Operation of PAC-3 will partially start by the end of 2006.
Q3. What are the Effects of Liberalization of Electric Power and What is the Future Forecast for Liberalization?

Retail Market  Compared to other electricity companies, this will be a more cautious step in the liberalization process.

Special High Voltage Demand
- Over 20,000kW Over 60,000V
- Large-Scale Factory, Department Stores, Hotels, etc.

High Voltage Demand
- Over 50kW
- Medium size and Small size Factories, Buildings, Supermarkets, etc.

Low Voltage Demand and Electric Lighting
- Under 50kW
- Small size Factories, Stores, Houses etc.

The plan to expand the range to just under the extra-high voltage range was postponed in the ongoing electric industry reform project in 2007.

Full liberalization was postponed in the ongoing electric industry reform project in 2007. To be reviewed again within a five-year target period after the finalization the of basic report (March 2008).

* Ratio to electric power sales (FY2009 results)
Currently Applied Special Tax Measures

1. Alleviation of Fixed Property Tax
   Basic Law: Supplementary Provisions of the Local Tax Law (Article 15.14)
   Details: Alleviation to 2/3 of the Standard Tax Rate
   Period: April 1, 1982 – March 31, 2012
   (Extended for 5 years from April 1, 2007)

2. Exemption from the Oil and Coal Tax
   Basic Law: Special Measures Law for the Promotion of Okinawa (Article 65.2), Special Taxation Measures Law (Article 90.4.3.1)
   Details: Exemption from the Oil and Coal Tax for coal
   Period: October 1, 2003 – March 31, 2012
   (Extended for 5 years from April 1, 2007)

※ Alleviation of Business Tax was abolished on May 15, 2007
   Details: Standard Tax Rate: 1.1%
   (Standard Tax Rate for Electric Utilities: 1.3%)

Need for Special treatment

- Special treatment is necessary for industrial development and improving the living standards of people in Okinawa Prefecture given that there has been no changes to the conditions of remote islands such as bearing of deficit arising from structural disadvantage.

Value of Tax Alleviation Due to the Special Measures

- The value of the alleviation measures in FY2009 was about 2.1 billion yen.
- The average value of the alleviation measures after FY2010 will be about 2.4 billion yen per year.

Amount of reduction by applying special treatment is deducted in calculating the Total Unit Cost of electricity charge and consequently is returned to customers.
Q5. What is the Current State of the Promotion of All-Electric Houses?

1. Sales target for FY2010 ⇒ All-Electric Houses 4,100 (14.2 million kWh)
2. Approach for the promotion and diffusion.
   ① Launching of effective promotion activities to facilitate penetration of all electrification housing brand.
   ② Proactive activities to promote penetration of ecocute (CO2 refrigerant heat pump water heater).
   ③ Expansion of sales activity in cooperation with sub-users.
   ④ Strengthening of sales activity to collective housing and existing homes.

【Reference】
Adoption rate (results for FY2009)
All-electric adoption rate in newly built houses (included multi-family dwellings etc.) = 12.6%
All-electric adoption rate in newly built houses = 56.3%
Q6. What is the Current State of the New Demand Creation Through the Promotion of Commercial Electrification Equipment?

1. Sales target (in total of three years from FY2010 to FY2012): 30 million kWh
   * Electrification system (electric air-conditioning system including heat storage, electrified kitchen and electrified water heater)

2. Approach for the promotion and diffusion.
   ① Implementation of electrification proposal activities suitable for the power usage of customers.
   ② Promotion of heat pump equipment (air-conditioning and water heaters)
   ③ Expansion of sales activity in cooperation with sub-users.
   ④ Launching sales activities that customers in various industries.

Sales target (in total of three years from FY2010 to FY2012): 30 million kWh

The demand for commercial electrification equipment

<table>
<thead>
<tr>
<th>FY</th>
<th>2006</th>
<th>2007</th>
<th>2008</th>
<th>2009</th>
<th>2010.12</th>
<th>2010~2012 Target</th>
</tr>
</thead>
<tbody>
<tr>
<td>Commercial Electrification Equipment</td>
<td>417</td>
<td>433</td>
<td>876</td>
<td>626</td>
<td>876</td>
<td>3,000</td>
</tr>
</tbody>
</table>

(10 Thousands of kWh)
Q7. What is the Past Trend of Ordinary Income and What is the Forecast for this Fiscal Year?

Trend in Ordinary Income (Non-Consolidated)

<table>
<thead>
<tr>
<th>Year</th>
<th>Ordinary Income (billion yen)</th>
<th>Rate Revision</th>
</tr>
</thead>
<tbody>
<tr>
<td>1992</td>
<td>8.3</td>
<td>-5.96%</td>
</tr>
<tr>
<td>1993</td>
<td>5.9</td>
<td>(FY 1995)</td>
</tr>
<tr>
<td>1994</td>
<td>5.2</td>
<td></td>
</tr>
<tr>
<td>1995</td>
<td>4.5</td>
<td></td>
</tr>
<tr>
<td>1996</td>
<td>4.5</td>
<td></td>
</tr>
<tr>
<td>1997</td>
<td>4.6</td>
<td></td>
</tr>
<tr>
<td>1998</td>
<td>5.5</td>
<td>Rate Revision -3.72% (FY 1997)</td>
</tr>
<tr>
<td>1999</td>
<td>6.0</td>
<td></td>
</tr>
<tr>
<td>2000</td>
<td>10.0</td>
<td>Rate Revision -3.78% (FY 2000)</td>
</tr>
<tr>
<td>2001</td>
<td>4.9</td>
<td></td>
</tr>
<tr>
<td>2002</td>
<td>4.2</td>
<td></td>
</tr>
<tr>
<td>2003</td>
<td>3.7</td>
<td></td>
</tr>
<tr>
<td>2004</td>
<td>3.9</td>
<td></td>
</tr>
<tr>
<td>2005</td>
<td>4.5</td>
<td></td>
</tr>
<tr>
<td>2006</td>
<td>5.1</td>
<td>Rate Revision -3.27% (FY 2005)</td>
</tr>
<tr>
<td>2007</td>
<td>10.0</td>
<td></td>
</tr>
<tr>
<td>2008</td>
<td>9.7</td>
<td></td>
</tr>
<tr>
<td>2009</td>
<td>8.8</td>
<td>Rate Revision -3.24% (FY 2006)</td>
</tr>
<tr>
<td>2010</td>
<td>4.3</td>
<td>Rate Revision -0.45% (FY 2008)</td>
</tr>
</tbody>
</table>

Forecast

<table>
<thead>
<tr>
<th>Year</th>
<th>Rate</th>
</tr>
</thead>
<tbody>
<tr>
<td>2010</td>
<td>7.3</td>
</tr>
</tbody>
</table>

The Okinawa Electric Power Company, Inc.
Q8. What are the trends of the Capital Expenditure and Free Cash Flows?

- Gushikawa Thermal Power Station
  - Start of operations: FY 1993
  - Generator No. 1: FY 1993
  - Generator No. 2: FY 1994

- Kin Thermal Power Station
  - Start of operations: FY 2001
  - Generator No. 1: FY 2001
  - Generator No. 2: FY 2003
List of OEPC Group’s New Energy Facilities

<table>
<thead>
<tr>
<th>No. of Facilities (No. of Power Plants)</th>
<th>Electricity Output (kW)</th>
</tr>
</thead>
<tbody>
<tr>
<td>OEPC</td>
<td>6 (8)</td>
</tr>
<tr>
<td>Okinawa New Energy Development Co</td>
<td>7 (12)</td>
</tr>
<tr>
<td>OEPC</td>
<td>11</td>
</tr>
<tr>
<td>Okinawa New Energy Development Co</td>
<td>1</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>25</strong></td>
</tr>
</tbody>
</table>

OEPC Group has new energy facilities with total output of 22,637kW (wind power: 17,445kW, solar power: 5,192kW).

Introducing Plan of New Energy Facilities.

- Retractable wind-power generator (Minamidaito Island: 2 plants: 245kW each, from February 2011).

(As of December 31, 2010)
Q10. What is a retractable wind-power generator?

### Overview of retractable wind-power generator

<table>
<thead>
<tr>
<th>Place</th>
<th>Hateruma Island</th>
</tr>
</thead>
<tbody>
<tr>
<td>Manufacturer/country of manufacture</td>
<td>Vergnet/France</td>
</tr>
<tr>
<td>Rated power output</td>
<td>245kW</td>
</tr>
<tr>
<td>Wind speed for power rating/start-up/stoppage</td>
<td>13m/s, 4m/s, 20m/s</td>
</tr>
<tr>
<td>Number of blade</td>
<td>Two</td>
</tr>
<tr>
<td>Diameter of blade</td>
<td>32m</td>
</tr>
<tr>
<td>Height of hub</td>
<td>38m</td>
</tr>
</tbody>
</table>

※Also, we are planning to introduce retractable wind-power generator at Minamidaito.

### Advantages

- Wind-power generator can be folded nearly 90 degrees so that damages by big wind in typhoon can be avoided by folding it.
- Large-size cranes are not needed to construct the wind-power generator to enable construction in hilly areas.
- Wind-power generator is retractable, making it possible to perform maintenance on the ground.
- Wind-power generator is supported by wires.
Q11. What is the New Energy verification studies for the Remote Island Independent System?

### Miyako Island

**Introduction ratio:** 8%

- **Maximum demand for electricity:** 50,000kW
- **Newly-established solar power generation facilities:** 4,000kW
- **Storage battery:** 4,000kW
- **Existing internal-combustion power:** 76,500kW
- **Existing new energy facilities:** Wind-power generation 4,200kW
- **Installation area:** 28,771m²
- **Facilities utilization rate:** About 12%

### Tarama Island

- **Storage battery:** 250kW
- **Existing wind-power generation facilities:** 280kW
- **Solar power generation facilities:** 250kW

### Yonaguni Island

- **Storage battery:** 150kW
- **Solar power generation facilities:** 150kW

### Okinawa Island

- **Existing wind-power generation facilities:** 3.0MW X 1, 900kW X 2
- **Solar power generation facilities:** 150kW
- **Storage battery:** 100kW

### Kitadaito Island

- **Existing solar power generation facilities:** 40kW
- **Storage battery:** 100kW

---

**Introduction**

1. **Purpose**
   - The purpose of performing introduction demonstration for the independent power generation system of Remote Islands with different scale of system is as follows:
     - Grasping the impact of large-scale introduction of solar power generation to the actual system
     - Calculation of allowable amount of solar power generation introduction
     - Obtaining knowledge on stabilization technology concerning the system

2. **Plan**
   - Grasping the impact of solar power generation on four remote islands with different scale of system
   - Analyzing operation data on solar power generation and secondary battery
   - Verifying the method of system stabilization for remote island independent system

---

*Note: *1: Including existing solar power generation facilities (40kW) : 16%
Q12. How do Current Electricity Rates Compare to Rates at Other Companies?

While the detailed comparison of electricity rates is not available due to limited amount of reported data, the following is the comparison of electricity rates for the main supply contracts.

<table>
<thead>
<tr>
<th>Model Unit Rates for All Companies</th>
<th>(As of March 2011, including fuel cost adjustments and consumption taxes)</th>
<th>(Unit: yen/kWh)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Model Basic Unit 300</td>
<td>⑪</td>
<td>⑨</td>
</tr>
<tr>
<td>Commercial Use Electricity</td>
<td>19.82</td>
<td>17.33</td>
</tr>
<tr>
<td>(High Voltage)</td>
<td>Model Basic Unit 250 (Power Factor 100%)</td>
<td>⑪</td>
</tr>
<tr>
<td>High-voltage Power A</td>
<td>17.61</td>
<td>16.24</td>
</tr>
<tr>
<td>Model Basic Unit 250 (Power Factor 100%)</td>
<td>⑪</td>
<td>⑦</td>
</tr>
</tbody>
</table>

Note: The circled numbers indicate price level rankings (higher numbers indicate more expensive rates).
LNG (Liquefied Natural Gas) produces less carbon dioxide, a major cause of global warming, than coal or oil.

<table>
<thead>
<tr>
<th>Fuel Type</th>
<th>CO₂ Emission Volume Per Unit Heat Value [g-CO₂/MJ] *1</th>
<th>vs. Coal</th>
<th>vs. Oil *3</th>
<th>CO₂ Emission Volume Per kWh [kg-CO₂/kWh] *2</th>
<th>vs. Coal</th>
<th>vs. Oil *3</th>
</tr>
</thead>
<tbody>
<tr>
<td>Coal</td>
<td>90.6</td>
<td>1.00</td>
<td>1.27</td>
<td>0.84</td>
<td>1.00</td>
<td>1.24</td>
</tr>
<tr>
<td>C Heavy Oil</td>
<td>71.5</td>
<td>0.79</td>
<td>1.00</td>
<td>0.68</td>
<td>0.81</td>
<td>1.00</td>
</tr>
<tr>
<td>LNG</td>
<td>49.5</td>
<td>0.55</td>
<td>0.69</td>
<td>0.35</td>
<td>0.42</td>
<td>0.51</td>
</tr>
</tbody>
</table>

*1 The values from the Law Concerning the Promotion of the Measures to Cope with Global Warming were used as the CO₂ emission factors to calculate g-CO₂/MJ.

*2 Thermal Efficiency at Generation End of 39%, 38% and 51% were assumed for coal, oil and LNG respectively in calculations.

*3 Oil comparisons were based on type C heavy oil.
Q14. What is the Current State of the Progress of Discussion in the Gas Industry?

As The integrated energy company

As LNG is expected to have potential needs as raw material for town gas and industrial fuel for its superior environmental and safety profiles, the Company is considering the supply business of LNG which will be introduced in the Yoshinoura Thermal Power Station.

Current status

The Company is proceeding with discussions with Okinawa Gas Co., Ltd., which is a public gas provider in Okinawa Prefecture, about LNG supply and business schemes including wholesale supply system while assessing the status of procurement of LNG fuel and the progress of construction works of Yoshinoura Thermal Power Plant.

For the promotion of LNG

In addition to the wholesale supply of LNG to Okinawa Gas, the Company is examining the possibility of supplying it to heavy consumers for commercial and industrial uses in consideration of energy environment and market trends.

Perspective for the launch of business

The Company aims to launch gas business from 2015 after the launch of operation at the Yoshinoura power plant, in consideration of the LNG fuel supply situation and the stable operation at the Yoshinoura thermal plant.

Current status of the gas business in Okinawa

Public gas (Okinawa gas) LNG conversion: approximately 20,000t per year.

Source: Agency for Natural Resources and Energy website, Japan LP Gas Association website, Gas Energy newspaper

[Reference: Corporate profile of Okinawa Gas]

Date of foundation: July 22, 1958.
Capital: JPY 250,222,000
Sales: JPY 6.3bn (December 2009)
Supply area: Most of Naha city, A part of Urasoe city, Tomishiro city, Haebaru town, Nishihara town, Nakagusuku village
No. of customers: General gas: approx.52,000 units LP gas: approx.16,000 units
Q15. What is the PCB Waste Treatment?

PCB wastes must be treated by July 2016 in conformity with the "Special Measurement Law on Promotion of Appropriate Treatment of Polychlorinated Biphenyl Wastes."

As for the highly-concentrated PCB wastes (transformers, capacitors, etc.), we concluded a commission contract with the Kitakyushu Facility of Japan Environmental Safety Corporation (JESCO) in May 2009, and began commissioned treatment in December 2009.

With respect to low-concentrated PCB wastes the government has conducted systemic revisions necessary for treatment measures of low-concentrated PCB wastes such as a partial revision of the Waste Disposal Law in an attempt to promote the treatment of low-concentrated PCB wastes.

Given these circumstances, we decided to outsource low-concentrated PCB disposal (contaminated oil, pole-mounted transformers) to a waste-disposal company outside the prefecture.

We will treat low-concentrated PCB disposal other than contaminated oil and pole-mounted transformers until the legal term after reviewing safe and highly economical treatment methods while watching the discussions of treatment methods by the government.

The quantities possessed and treated of highly-concentrated PCB wastes (as of March 31, 2010)

<table>
<thead>
<tr>
<th>Equipment</th>
<th>Quantity possessed</th>
<th>Quantity treated</th>
</tr>
</thead>
<tbody>
<tr>
<td>High voltage and low voltage capacitors</td>
<td>519 units</td>
<td>51 units</td>
</tr>
<tr>
<td>High voltage and low voltage transformers</td>
<td>9 units</td>
<td>-</td>
</tr>
<tr>
<td>Ballasts, etc.</td>
<td>102 units</td>
<td>-</td>
</tr>
<tr>
<td>Metal pollutants, sludge, etc.</td>
<td>Approximately 430 kg</td>
<td>-</td>
</tr>
</tbody>
</table>

The storage condition of PCB wastes

- PCB wastes are properly managed in accordance with laws and ordinances on the premises of the company.
- In addition to storage management facility patrols conducted monthly by each storing department, we perform a patrol by a combination of relevant departments in the company on a regular basis (once a year) in an attempt to strengthen storage management.
- With regard to the storage condition, we report to the Okinawa Prefectural Government on a regular basis (once a year) in conformity with the "Special Measurement Law on Promotion of Appropriate Treatment of Polychlorinated Biphenyl Wastes."

The reserve for the treatment costs was allocated in FY 2004 for high-concentrated PCB disposal and in FY 2010 for low-concentrated PCB disposal (except for part of equipment).
Q16. What is the Current Situation of the Bill of the Basic Act on Global Warming Countermeasures?

*1: Overview of the Bill of the Basic Act on Global Warming Countermeasures

[Mid-and Long-term Goals]

- Greenhouse gas emissions reduction targets: A reduction of 25% below 1990 level by 2020, premised on the establishment of a fair and effective international framework by all major economies and agreement on their ambitious targets.

- A reduction of 80% below 1990 level by 2050, striving to share with all economies the vision of the goal of achieving at least 50% reduction of global emissions by 2050.

- Renewable energy target: Raising the share of renewable energy out of total primary energy supply to 10% by 2020.

[Basic measures]

- Establish domestic emission trading scheme (Setting limits of emission and allowing trading for complying with the limits) by elaborating a legislative measure within around one year after coming into force of the Basic act.

- “Greening” of the tax system overall, including the consideration of a tax for measures against global warming to be implemented from fiscal year 2011.

- Promote the use of renewable energy, including introduction of a feed-in tariff system for whole renewable energy.

*2: Overview of government policy of "three major measures of global warming countermeasures"

[Domestic emissions trading system]

The plan for the system will be carefully reviewed while closely watching the cost on Japanese industries and associated impact on employment as well as a successful establishment of a fair and effective international framework which major countries participate.

[Tax for the global warming countermeasures]

It will be introduced in fiscal 2011.

[Program to purchase renewable energy at flat fixed rates]

The goal is to introduce the program starting fiscal 2012.

---

2010
- October 8
  The Cabinet decided on the bill of the Basic Act on Global Warming Countermeasures again.

- October 13
  The bill was submitted to an extraordinary Diet session.

- December 3
  With the closing of the extraordinary Diet session, the bill was shelved and carried over to the next session.

- December 28
  Government's policy of the "3 major measures for global warming countermeasures" was determined.

<Future outlook>

2011
- January 24
  An ordinary session of the Diet begins (continued discussion of the bill)
Change in Okinawa Electric Power’s Stock Price

Change in Stock Price (January 4, 2010 ~ January 31, 2011)

<table>
<thead>
<tr>
<th>Stock Price on January 4, 2010</th>
<th>Okinawa Electric Power</th>
<th>¥4,955</th>
<th>Average of 9 Other Power Companies</th>
<th>¥2,051</th>
<th>Nikkei Average</th>
<th>¥10,655</th>
</tr>
</thead>
<tbody>
<tr>
<td>All-time high</td>
<td>¥5,300</td>
<td></td>
<td>as of September 6, 2010(+5.8%)</td>
<td>¥2,170</td>
<td>as of April 5, 2010(+6.4%)</td>
<td>¥11,339</td>
</tr>
<tr>
<td>All-time low</td>
<td>¥3,560</td>
<td></td>
<td>as of October 15, 2010(-9.9%)</td>
<td>¥1,848</td>
<td>as of August 31, 2010(-17.2%)</td>
<td>¥8,824</td>
</tr>
<tr>
<td>Latest stock price</td>
<td>¥3,860(-22.1%)</td>
<td></td>
<td>Closing quotation on January 31, 2011</td>
<td>¥1,953(-4.8%)</td>
<td>¥10,238(-3.9%)</td>
<td></td>
</tr>
</tbody>
</table>

Changes in the Highest and Lowest Prices of the Stock of the Company

Changes in the Stock Price of the Company, the Nikkei Stock Average and Average Stock Price of Other Electric Power Companies

* Each stock price indexed to the closing quotation at the time of listing of our company (March 1, 2002) as 100

OEPC

Nikkei Average

Average of 9 Other Power Companies

Changes in the Highest and Lowest Prices of the Stock of the Company

2002 2003 2004 2005 2006 2007 2008 2009 2010 2011

¥2,250 ¥2,310 ¥2,925 ¥6,200 ¥5,110 ¥3,460 ¥3,480 ¥3,780 ¥4,055
## Earnings per Share and Payout Ratio (Non-consolidated)

<table>
<thead>
<tr>
<th>FY</th>
<th>2000</th>
<th>2001</th>
<th>2002</th>
<th>2003</th>
<th>2004</th>
<th>2005</th>
<th>2006</th>
<th>2007</th>
<th>2008</th>
<th>2009</th>
</tr>
</thead>
<tbody>
<tr>
<td>Net Income</td>
<td>Million yen</td>
<td>2,606</td>
<td>4,807</td>
<td>4,430</td>
<td>5,594</td>
<td>7,591</td>
<td>9,163</td>
<td>6,398</td>
<td>6,590</td>
<td>3,635</td>
</tr>
<tr>
<td>Earnings per Share</td>
<td>Yen</td>
<td>171.77</td>
<td>316.86</td>
<td>286.52</td>
<td>363.37</td>
<td>494.77</td>
<td>571.05</td>
<td>402.25</td>
<td>376.84</td>
<td>207.89</td>
</tr>
<tr>
<td>Dividend per Share</td>
<td>Yen</td>
<td>60</td>
<td>60</td>
<td>60</td>
<td>60</td>
<td>60</td>
<td>60</td>
<td>60</td>
<td>60</td>
<td>60</td>
</tr>
<tr>
<td>Payout Ratio</td>
<td>%</td>
<td>34.9</td>
<td>18.9</td>
<td>20.9</td>
<td>16.5</td>
<td>12.1</td>
<td>10.5</td>
<td>14.9</td>
<td>15.9</td>
<td>28.9</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Date</th>
<th>Issued number of shares of common stock</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>1992.02.10</td>
<td>14,728,132</td>
<td>Listed</td>
</tr>
<tr>
<td>1995.11.20</td>
<td>14,875,413</td>
<td>Split 1 : 1.01</td>
</tr>
<tr>
<td>1999.05.25</td>
<td>15,172,921</td>
<td>Split 1 : 1.02</td>
</tr>
<tr>
<td>2005.05.20</td>
<td>15,931,567</td>
<td>Split 1 : 1.05</td>
</tr>
<tr>
<td>2007.04.01</td>
<td>17,524,723</td>
<td>Split 1 : 1.10</td>
</tr>
</tbody>
</table>
Reference

- [http://criepi.denken.or.jp/en/](http://criepi.denken.or.jp/en/) (Central Research Institute of Electric Power Industry)
This document includes statements concerning future results. Such statements are based on calculations and predictions and are neither definite nor guaranteed. Please be aware that future results may change in accordance with changes in assumptions related to the management environment and the like.

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