# **Management Overview**

### November 2010



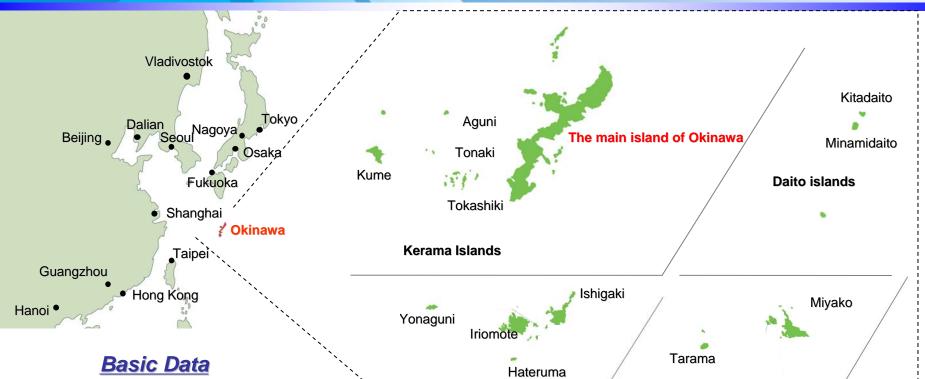
The Okinawa Electric Power Company, Inc.

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### Overview of Okinawa Prefecture



Yaeyama Islands

Population:	1,393,544
No. of Households	535,180
Area	<b>2,276.01km</b> *
Climate	Subtropical
Location	26°12N 127°41E
Prefectural GDP	¥3,916.3billion
Tourism Revenue	¥377.8billion

•	The main island of	Okinawa is the mos	t populous with	90% of the	resident popu	lation.
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• Tertiary industrial sectors including commerce, finance and service which account for roughly 90% of the prefectural GDP.

Population, No. of Households and Area as of October 1, 2010 Prefectural GDP as of 2007 Tourism Revenue as of FY 2009 (Source: Okinawa Prefectural Government, Geographical Survey Institute etc.)

Locales with similar latitude zones							
Las Palmas (Canary Islands) 28°							
Dubai	(UAE)	25°18N					
Miami	(Florida,USA)	25°46N					

**Miyako Islands** 



### **SqEO to weivrevO etterogros**

Okinawa Electric Power supplies electricity to all parts of Okinawa Prefecture including 37 inhabited islands scattered over a vast sea area lying 1,000 kilometers east and west and 400 kilometers north and south. Okinawa Electric Power maintains its own electric line system without any linkage to that of any other electric power company based in mainland Japan.

Established	May 15, 1972	Security code	9511		
		Service area	Okinawa Prefecture		
Capital	¥7,586 million	Customers	Lighting769 thousand unitsPower63 thousand units		
Shareholders	7,582	Electricity sales	Lighting2,916 million kWhPower4,562 million kWh		
Total assets	¥349.30 billion (Non-consolidated) ¥365.29 billion (Consolidated)	(FY 2009)	(Deregulated demand 1,169million kWh) Total 7,478 million kWh		
			Steam-power generators		
Sales (FY 2009)	¥151.82billion (Non-consolidated) ¥162.50 billion (Consolidated)	Generating facilities	4 locations 1,467 thousand kW Gas turbine generators 4 locations 291 thousand kW Internal-combustion power generators 13 locations 166 thousand kW		
Employees	1,499 (Non-consolidated) 2,495(Consolidated)				

#### Ratings

(as of March 31, 2010)

Rating agency	S&P	Moody's	R&I	JCR
Rating	AA	Aa2	AA+	AAA

\* S&P has reviewed the outlook from AA/Stable to AA/Negative on January 26, 2010.

JD

Ratings on long-term preferred debts as of September 30, 2010

### Financial Results for FY2010 20 YTD (Period-on-Period Comparison)

(Unit: million yen, X)

	Co	onsolidated (	A)	Non	Non-consolidated (B)			(A)/ (B)		
	FY2010 2Q YTD Results	FY2009 2Q YTD Results	Rate of change	FY2010 2Q YTD Results	FY2009 2Q YTD Results	Rate of change	FY2010 2Q YTD Results	FY2009 2Q YTD Results		
Sales	82,845	86,366	-4.1%	79,535	81,398	-2.3%	1.04	1.06		
Operating income	9,725	14,368	-32.3%	9,471	13,802	-31.4%	1.03	1.04		
Ordinary income	8,357	12,562	-33.5%	7,849	12,008	-34.6%	1.06	1.05		
Net income	6,356	8,195	-22.4%	5,937	7,823	-24.1%	1.07	1.05		

#### Decrease in Sales, Decrease in Income (Consolidated and Non-consolidated)

[Revenue]

Decrease in income from the Fuel Cost Adjustment System in Electric business.

Decrease in sales due to influence of change in consolidated subsidiaries.(%)

Decrease in construction orders from private sector and public sector in consolidated subsidiaries.

[Expenditure]

Increase in fuel cost, power purchase cost and environmental expenditure in Electric business.

Decrease in expenditure due to influence of change in consolidated subsidiaries.(%)

%"Okinawa Telecommunication Network Co.,Inc." has become an equity-method affiliate since Jan.2010.



## Outlook Summary for FY2010

(Unit: million ven, X)

		Consoli	dated		Non-consolidated				(A)/(B)	
	FY2010	Forecast			FY2010	Forecast	_			
	Announced in Oct 2010 (A)	Announced in Jul 2010 (B)	Change (A)-(B)	FY2009 (Results)	Announced	Announced in Jul 2010 (B)	Change (A)-(B)	FY2009 (Results)	FY 2010 (Forecast)	FY 2009 (Results)
Sales	158,300	159,800	-1,500	162,501	149,700	150,900	-1,200	151,825	1.06	1.07
Operating income	11,700	13,300	-1,600	17,397	10,000	11,800	-1,800	14,935	1.17	1.16
Ordinary income	9,000	10,500	-1,500	13,659	7,000	9,000	-2,000	11,315	1.29	1.21
Net income	6,700	6,700	_	8,950	5,300	5,800	-500	7,293	1.26	1.23

#### Decrease in Sales, Decrease in Income (Consolidated and Non-consolidated)

### [ Comparison with previous forecast (Jul.2010) ]

[Revenue]

Decrease in income from the Fuel Cost Adjustment System and electricity sales volume in Electric business.

Decrease in construction orders from public sector in consolidated subsidiaries.

[Expenditure]

Increase in environmental expenditure (business consignment expenses) in Electric business.

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### Electric Energy Demand (FY2010 1st half and FY2010 Outlook)

### FY2010 1st half Results

		FY2010 1st half		FY2009	Perform-	YoY
		Results	Targets	1st half Results	ance Against targets	Change
Lighting		1,550	1,552	1,539	99.9	0.8
Power		2,457	2,461	2,462	99.8	-0.2
Total		4,007	4,013	4,001	99.9	0.2
Refe	Consumer Use	3,341	3,319	3,318	100.7	0.7
Reference	Industrial Use	666	694	683	95.9	-2.6

### FY2010 Outlook

			(Ur	nit:Million kWh、%)
		FY2010	FY2009	YoY
		(Forecast)	(Results)	Change
Lighting		2,933	2,916	0.6
Power		4,559	4,562	-0.1
Total		7,492	7,478	0.2
Reference	Consumer Use	6,184	6,155	0.5
rence	Industrial Use	1,308	1,323	-1.1

(Unit: Million kWh、%)

#### (Lighting)

 The demand for Lighting increased year-on-year due to increased number of customers.(0.8%)

#### (Power)

 The demand for Power decreased year-on-year due to the influence of high rate of operation of Sea Water Desalination Plant in Large industrial power in the previous year.(-0.2%)

#### (Total)

 As a result, the figure totals at 4,007million kWh, which remained almost on a per with the previous year's figure. (0.2%)

#### (Lighting)

The demand for Lighting is expected to exceed the previous year's figure with a growth of the number of customers.
 (0.6%)

#### (Power)

 The demand for Power is expected to remain almost unchanged (-0.1%) because it will decrease in Low-voltage Power although the number of customers will increase in Commercial Power and High-voltage Power A.

#### (Total)

 As a result, the figure totals at 7,492 million kWh, which is projected to exceed the previous year's figure. (0.2%)



## Electric Energy Demand (Long-term forecast)

Forecas	t for long-te	rm Electr	ic Energy	(Unit: milli	on kWh, Thou	usand kW, %)	(Unit:%)		
		2008	2009	2010	2018	2019		rowth rate	Average growth rate per annum FY2008 – FY2019
		(Result)	(Result)	(Forecast)	(Forecast)	(Forecast)	FY1998 – FY2008	FY2008 – FY2019	Average of 9 other Electric Power companies (ex- OEPC)
	Electric energy demand	(7,412) 7,476	(7,382) 7,478	7,498	8,541	8,674	(1.7) 1.2	(1.4) 1.4	(0.9) 0.9
No. 116El forecast (2010)	Peak load	(1,388) 1,388	(1,393) 1,422	1,434	1,612	1,635	(0.6) 0.4	(1.5) 1.5	(0.4) 0.4
	Annual load factor	(63.8) 64.5	(63.3) 62.9	62.5	63.3	63.4	_	_	
No. 114EI	Electric energy demand	(7,412) 7,476	7,483	7,606	8,749	_	(2.0) 2.0	(1.5) 1.4	
forecast (2009)	Peak load	(1,388) 1,388	1,426	1,448	1,654	_	(0.8) 1.4	(1.5) 1.3	
	Annual load factor	(63.8) 64.5	62.7	62.8	63.2	_	_	_	

Note 1: () indicates the adjusted intercalary temperature. FY2009 is a provisional figure.

Note 2: The figure indicated for FY2009 of No. 114 El is the estimate value.

Note 3: Average growth rate per annum for No. 114 El are from 1997 to 2007 and 2007 to 2018.

#### FY2009 – FY2010 Economic forecast

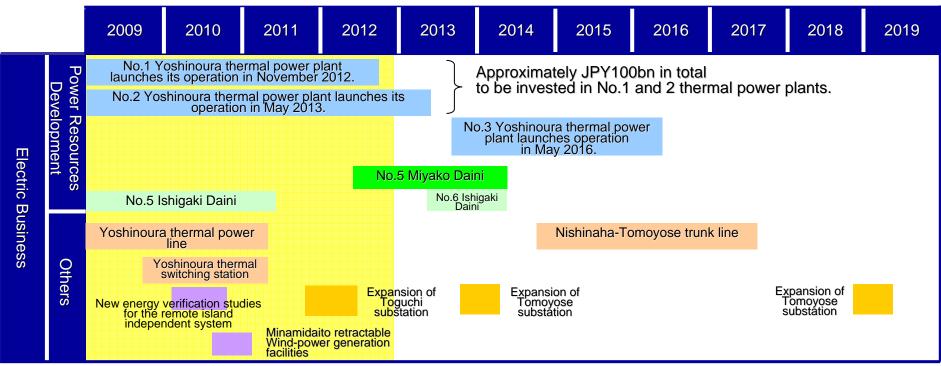
(Average growth rate per annum, Unit:%)

		2008 (Result)	2009 (Estimated Result)	2010 (Forecast)	
Real GDP	Okinawa	0.7	0.6	1.1	The economy in Okinawa is expected to grow under the Special Measures for the Promotion and Development of Okinawa, and various systems and policies in line
GDP	Japan	-3.7	-2.6	1.4	with the Okinawa Promotion Plan which was compiled based on the said measures.

(Source for this page : Cabinet Office, Okinawa prefecture, FEPC)



## Capital Investment Plan (Electric Business I)



Note: Power Rsources development cases listed above are those plants which have more than 10,000 kW generating capacity and are expected to initiate operations within 10 years from FY2010 for the Main island, and 5 years for remote islands.

Note: Power distribution facilities cases listed above have more than 132kV working voltage, and are under construction or expected to begin construction within 10 years from FY 2010.

### ■ Capital investment for Yoshinoura thermal power plant (Power resources development section)

- Approximately JPY100bn to be invested in Yoshinoura thermal power plant No1.and No2 plants.
- The investment for Yoshinoura thermal power plant after its No1.and No2 plants launched will be lower than those of the plants No.1 and 2 because the investment will be only for generators.

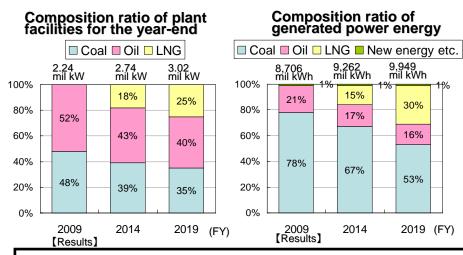


## Capital Investment Plan (Electric Business II)

### Demand-supply balance of maximum electric power (August)

(Unit : Thousand kW, %)

		2009 【Results】	2010 【Results】	2011	2012	2013	2014	2015	2016	2017	2018	2019
sup	Peak load	1,422	1,377	1,452	1,474	1,497	1,521	1,544	1,567	1,590	1,612	1,635
		1,955	1,836	1,924	1,910	2,127	2,136	2,135	2,274	2,346	2,355	2,275
nand- balance	Reserve supply capacity	533	459	472	436	630	615	591	707	756	743	640
- nce	Reserve supply rate	37.5	33.3	32.5	29.6	42.1	40.4	38.3	45.1	47.5	46.1	39.1



- •Reserve supply rate will be 42.1% in FY 2013 by the start of operation of the Yoshinoura Thermal Power Station.
- •The amount of capital investment is expected to increase following the full-scale start of construction works related to the Yoshinoura Thermal Power Station.

#### Capital investment amount

(Unit : billion yen)

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			2009 (Results)	2010	2011		
	Power supply	Pov	Steam power	15.3	19.8	28.8	
		Internal combustion power	0.5	0.0	3.8		
	oply	Subtotal	15.8	19.8	32.6		
Expansion	Others	Electric power transmission	1.3	4.1	3.1		
		Electric power transformation	2.1	3.7	3.3		
		Electric power distribution	3.9	3.9	3.6		
		Power dispatching, others	2.8	10.8	2.7		
						Subtotal	10.2
Total		26.1	42.3	45.3			
Improvement work, others		4.8	14.6	7.2			
Total		al		56.9	52.5		



## Management Issues

### [ Issues and measures for resolving them ]

Medium and long-term Management management Issues policy		Measures for resolving the issues		
Stable supply of high quality electricityImprovement of energy security		<ul> <li>Steady efforts for construction work and starting operation of the Yoshinoura Thermal Power Plant</li> <li>Stable fuel procurement, etc.</li> </ul>		
Raising the customer satisfaction levels	Ensuring electricity charge comparable with the level in the mainland	Curtailing capital investment     Further improving the operational efficiency     Stimulating demand, etc.		
Harmonizing with the society and global environment	Addressing the global warming issue	<ul> <li>Introduction of LNG thermal power (Yoshinoura Thermal Power Plant) with lower CO2 emissions</li> <li>Efficient operation of existing thermal power plants</li> <li>Mixed combustion of biomass fuel</li> <li>Introduction of mega solar power generation plant</li> <li>Introduction of retractable wind turbine systems to remote islands</li> <li>Utilization of Electric vehicles</li> <li>Procuring CO2 credit using the Kyoto Mechanisms, etc.</li> </ul>		
	Improving the management of facilities	<ul> <li>Reduction of the periodical inspection period by close examination of the inspection contents</li> <li>Extending the life of existing facilities and effective utilization of removed facilities, etc.</li> </ul>		
	Reduction of fuel costs	Spot purchasing of C Heavy Oil      Reduction in transportation cost, etc.		
Ensuring proper profit levels	Improving income and expenditure of operation in remote islands	<ul> <li>Introduction of new energy facilities including retractable wind power generation facilities</li> <li>Improving the operational efficiency of power generation facilities through the EDC (economic load dispatching control) system</li> <li>Effective utilization of waste oil, etc.</li> </ul>		
	Establishing a strong and flexible financial position	<ul> <li>Reasonable and efficient execution of operations</li> <li>Stimulation of additional demand, etc.</li> </ul>		
Effectively utilizing management results	Dividend policy / return to stockholders	•Well-balanced allocation of Free Cash Flow among "Dividend policy", "Electricity charge policy", "Improvement of financial position", and "Investment in growth fields".		
Enhancing the group	management	Enhancing the integrated operation of the Group     Establishing an efficient and optimal organizational framework     Establishing the OEPC Group brand, etc.		



### **Outlook of Financial Position**

Looking at 10 years from now on, our first stage is considered to be until 2012 and the second stage is 2013 and after, by separating a decade with the start year of operation of the Yoshinoura Thermal Power Plant.

	1st Stage(~2012)	2nd Stage(2013~)
Summary	<ul> <li>Burden for capital investment has increased due to the construction work of the Yoshinoura thermal power plant</li> <li>Profits have stabled until FY2011 due to the decrease in depreciation cost</li> <li>Operating CF remains unchanged, and FCF is expected to result in minus</li> <li>Cost increase by acquisition of the CO<sub>2</sub> credit</li> </ul>	<ul> <li>Burden for capital investment will be reduced significantly</li> <li>Depreciation cost and environmental cost will increase and put pressure on profits</li> <li>Operating CF will increase, and FCF is expected to recover</li> <li>The population will continue to increase even with a slower rate</li> </ul>
Issues	<ul> <li>Will control the increase of interest-bearing liabilities</li> <li>Enhancement of the financial stability by accumulating the interest</li> <li>Measures for the introduction of new energy and an increase in environmental cost</li> </ul>	<ul> <li>Efforts for the improvement of capital efficiency</li> <li>Implement the additional capital investment, taking into account profitability and efficiency</li> <li>Improvement of return to stockholders</li> </ul>
CF usage	<ul> <li>Will prioritize the capital investment in the Yoshinoura thermal power plant</li> <li>Will consider return to stakeholders based on the assumption that the financial goal can be achieved</li> </ul>	<ul> <li>Improvement of return to stakeholders</li> <li>Bolstering the foundation of the integrated energy business</li> </ul>



## Summary of Mid-term Financial Targets

		FY2010 Manage	ment Plan	FY2009 Result	FY2010 Forecast
Ordinary Incorre	Consolidated	Yearly average of at least 11 billion yen	FY2008~FY2012	13.6 billion yen	9.0billion yen
Ordinary Income	Non- consolidated	Yearly average of at least 10 billion yen		11.3 billion yen	7.0 billion yen
ROA ( operating	Consolidated	Yearly average of at	FY2008~FY2012	4.8%	3.1%
Income / total assets)	Non- consolidated	least 3.5%		4.3%	2.7%
Balance of	Consolidated	Approx. 260 billion yen	End of FY2012	200.8billion yen	214.8 billion yen
interest bearing debt	Non- consolidated	Approx. 250 billion yen		198.7billion yen	213.2 billion yen
Equity rotio	Consolidated	Approx. 30%	End of FY2012	32.5%	31.3%
Equity ratio	Non- consolidated			32.1%	30.6%



### Mid-term Prospects for Each Item of Expenses (Non-consolidated)

	Mid-term prospects
Sales amount	Steady growth is expected in keeping with the increase in electricity sales volume.
Personnel cost	Expected to remain unchanged at JPY16bn. level to maintain about 1,500 staff.
Fuel cost	Energy price hike has eased, but the future is unclear. The risk of potential higher crude oil price remains. After the start-up of Yoshinoura Thermal Power Plant, fuel cost may increase due to the change in the fuel composition.
Repair and Maintenance costs	While the cost is expected to increase due to increase of facilities, we will attempt to keep the cost down by improving operational efficiency.
Depreciation cost	A significant increase is temporarily expected with the start of operation of the Yoshinoura Thermal Power Plant. It will be at its peak when the Unit No. 2 starts its operation, but it is expected to be in decreasing trend in and after FY 2014.
Expenditure for power purchase	Expenditure for power purchase will change mainly with the coal price. The purchase of new energy such as wind power and solar power will increase.
Tax and public dues	Assuming the special measure continues, it is expected to remain almost constant.
Other expenses	Other expenses will increase due to CO <sub>2</sub> credit cost.



### Mid-term Prospects of Consolidated Subsidiaries

	Mid-term prospects
Construction	Okidenko, Oki Setsubi are expected to be stable in revenue and expenditure.
Business	Okinawa Enetech is expected to be stable in sales, by leveraging energy supply technologies and new energy technologies, and strengthening the proposal-type business.
	Okinawa New Energy Development is expected to have increasing cost due to the change of depreciation methods (from the straight-line method to the declining-balance method). However, the company strives to improve its revenue and expenditures though increasing sales from wind power generation and orders from public works, etc.
Other Businesses	Okiden Kigyo's business environment is difficult, but it ensures sales from expansion and improvement construction on power plants in remote islands, as well as other businesses including the insurance business.
	Okinawa Plant Kogyo's sales are expected to remain stable after a temporary sales increase related to Yoshinoura settles down.
	Okinawa Denki Kogyo is expected to show nearly flat movement in sales.
	Okiden Global Systems (OGS) is expected to show nearly flat movement in sales.
	First Riding Technology (FRT) seeks an increase in sales through acquiring new customers and improving the quality of its services.
	Okiden Kaihatsu is expected to be stable in revenue and expenditure.
	Progressive Energy's (PEC) in-house power generation business is uncertain in sales and income. The company strive to increase sales by focusing on businesses other than in-house power generation business.
	Kanucha Community (KCC) is discussing its business for the future in consideration of the trends of rapidly changing economic situation.

\* We don't mention about Okinawa Telecommunication Network Co., Inc. (OTNet) because OTNet has changed from a consolidated subsidiary to an equity-method affiliate as a result of a capital increase through third-party allotment of shares. (January 4th, 2010)



### **Characteristics of the Business Bases**

### **Advantages**

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

Disadvantages					
Electric Power .3Generation Facilities	<ul> <li>Due to having an isolated system, it is necessary to have a high margin of power generation reserves</li> <li>Electrical power source composition reliant only on oil and coal</li> </ul>				
Fuel	<ul> <li>As oil and coal are the only fuels used, high commodity prices exert a great influence</li> </ul>				
Remote Islands	<ul> <li>With remote islands where cost efficiency is low, the Remote Islands Company constantly records losses</li> </ul>				
The Environment	<ul> <li>Dependent on fossil fuels (oil and coal) with a high environmental burden</li> </ul>				





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.

[Enquiries regarding this document]

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