

## V. Other Information

### 1. Presentation of Inception Report

Participants are scheduled to make a presentation based on the Issue Analysis Sheet (ANNEX 4(1)) and Country Report (ANNEX 3) at the beginning of the training program. The main purpose of the presentation is to inform the Japanese lecturers of your needs and issues, which could be the basic information for the training. Therefore, the submission and presentation of these documents are regarded as, the most important for inception of the training program.

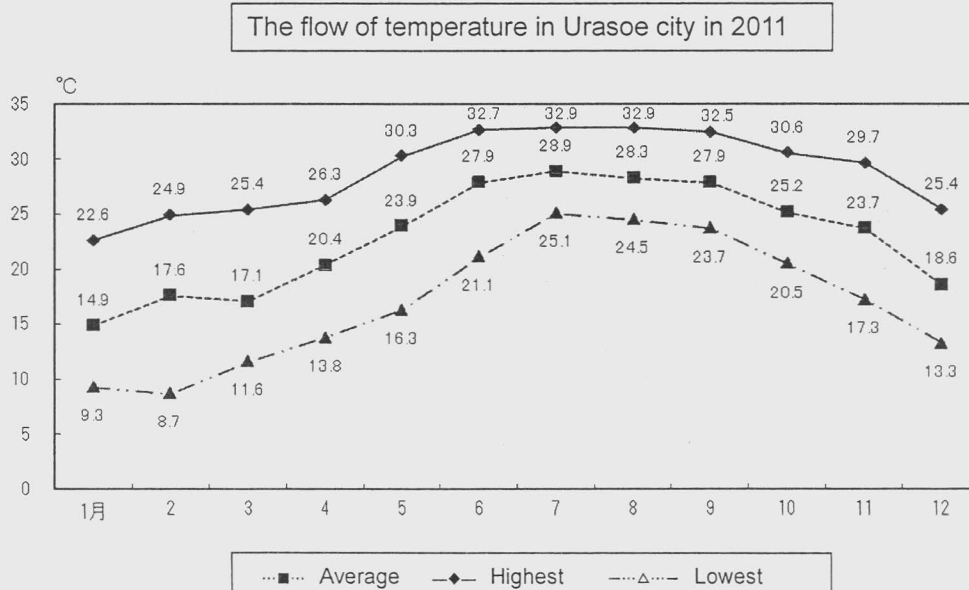
Inception Report should be prepared describing the following contents.

	Content	Detail
1	Problems in Power Sector	Please describe country Problems in Power Sector issues based on the Issue Analysis Sheet (ANNEX 4(1)).
2	Country Information	Please describe about your country based on the Country Report (ANNEX3).

### 2. Climate in Okinawa

Okinawa is located in sub-tropical zone (southern edge of Japan) however climate varies depending upon seasons. While it is hot as well as heavily humid in summer season (June through October), it becomes a bit chilly due to the strong windy in winter season (December through March). So, participants are recommended to bring suitable clothing (details are mentioned in below 4.)

The following diagram is the flow of temperature in Urasoe city where JICA Okinawa (or "Okinawa Kokusai Center" in Japanese) is located (Data source: Homepage of Urasoe City).



### **3. Main facilities in JICA OKINAWA**

JICA OKINAWA is equipped with a variety of facilities for training and welfare activities such as seminar rooms, a library, a computer room (connected to the Internet), accommodation rooms (details are mentioned in below 3.), a dining hall, a clinic for medical consultation, a gym, a tennis court, a play-ground, a swimming pool (available from May to October), a Japanese-style room for tea ceremony and a recreation room.

Supplementary, "HALAL" meals for the Muslim and vegetarian meals are available in the dining hall.

### **4. Accommodation in JICA OKINAWA**

JICA OKINAWA's accommodation building has three stories and 118 single rooms. Training participants basically use these single rooms. Every single room is furnished with a bed, a desk, a chair, a TV equipped with video, a DVD player, room lamps, a safety box, a bathroom and a telephone-set which enables you to call inside JICA OKINAWA and receive all incoming calls including international calls.

Accommodation building is equipped with laundry room on each floor. And also washing machines and irons are available for free. However, towels and toiletries are not available and cooking facility is not equipped. Cooking in the room is strictly prohibited.

### **5. Outfit**

It is recommended to bring suitable clothing depending upon the season.

There are a few occasions like opening and clothing ceremonies when training participants are kindly requested to wear formal clothing. Nevertheless, casual clothing is acceptable even during training ours of most of the training program.

If your training program includes practices such as plant visit or outdoor activities, suitable uniform/clothing will be provided by related organization.

### **6. Environmental conservation activities in JICA OKINAWA**

JICA OKINAWA emphasizes on the environmental conservation activities such as energy saving, rubbish separation and recycling etc. JICA OKINAWA has been certified ISO14001 (International Organization for Standardization) since Oct, 2004 and renewed it in Oct, 2007. ISO 14001 is the international specification for an environmental management system. Therefore, training participants are also kindly requested to cooperate to these activities during stay in JICA OKINAWA. Details are instructed by a staff member of JICA OKINAWA at beginning of the training program.

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## 7. For your Information

Information of Okinawa is available at following URLs.

(1) HP of Urasoe city: <http://www.8761234.jp/kokusai/english/index.html>

Basic information of Urasoe city is covered in English.

(2) HP of Okinawa Prefecture: <http://www.pref.okinawa.jp/english/index.html>

Basic information of Okinawa prefecture is covered (Urasoe city is one of the municipalities of Okinawa prefecture) in English.

(3) HP of Okinawa Convention & Visitors Bureau:

[http://www.ocvb.or.jp/index.php?current=General\\_Page&action=Top\\_Page&mode=isel&lang=en](http://www.ocvb.or.jp/index.php?current=General_Page&action=Top_Page&mode=isel&lang=en)

More information is available at the reception of JICA OKINAWA.

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## VI. ANNEX:

ANNEX 1

**Issue Analysis Sheet and Country Report:** Analyze issues and difficulties, causes and effective countermeasures

**Arrival in Japan**

**Briefing and Orientation**

**Program in**

**Inception Report Presentation:** Issues that you are facing, Contents that you are interesting in Outline of electric power industry, information of the Country

Lectures/Practices/Visit

Japan's Electric Utilities

Overview of Power Distribution Facilities

Power Distribution Facilities Planning and Design

Operation and Maintenance of Power Distribution Facilities

Electrification Local Regions, Measures to include Remote Islands

**Preparation of Interim Report (dissemination plan):** At the end of this program, participants will make a interim report on how to share and promote skills and knowledge gained from this program

**Presentation of Interim Report (dissemination plan) and Discussion:** Participants will make a presentation on dissemination plan and share the ideas with other participants, Japanese advisers and lecturers.

**Leaving Japan**

**Implementation of Dissemination Activities**

Participants are to implement the dissemination activities based on the interim report which was made during the program.

**within 3 months**

**Submission of Progress Report**

Participants must submit the progress report on the progress of dissemination activities to JICA within 3 months.



## ANNEX 2

### Statement

As this training course is basically open to the officials in a central or provincial government or local bodies of their respective countries, applicants from non-governmental institutions are requested to fill in this form **with the endorsement of their government.**

(1) Name of Applicant: \_\_\_\_\_

(2) Country: \_\_\_\_\_

(3) Name of Organization: \_\_\_\_\_

(4) Name of Department: \_\_\_\_\_

(5) Applicant's Position: \_\_\_\_\_

(6) Concrete description of the activities of the applicant's organization  
(Please describe as concretely as possible.)

(7) Duties and responsibilities of the applicant in the organization

(8) If the organization takes the form of a stock company, please explain within the extent you can.

a) Names of investors

(1) Name of Applicant: \_\_\_\_\_

(2) Country: \_\_\_\_\_

(3) Name of Organization: \_\_\_\_\_

(4) Name of Department: \_\_\_\_\_

b) Respective investor's share of the total capital of the organization

c) Company's share of the market

"I certify that I have examined this document and that I am satisfied the information presented is authentic. Therefore, I hereby nominate Mr./Ms. \_\_\_\_\_

as a candidate for the course in *The Improvement for Electric Power Distribution Grid* on behalf of the government

of \_\_\_\_\_."

Date: \_\_\_\_\_  
Name of Endorser: \_\_\_\_\_

Title: \_\_\_\_\_  
Name of Organization: \_\_\_\_\_

(Signature) \_\_\_\_\_

Country Report

1. Current situation of electric power distribution facilities

(1) Service voltage level for the respective contract categories

(Example)

Contract capacity	Service voltage
less than 50kW	100/200V
50kW- less than 2,000kW	6.6kV
Over 2,000kW	22kV

(2) Standard substation bank capacity for distribution and standard number of feeders

(Example)

Area	Bank capacity	Number of feeders
City	10,15, 20, 30MVA × 3	6 feeders × 3
Rural	10,15, 20, 30MVA × 3	6 feeders × 3

(3) Distribution system

(Example)

6.6kV : ungrounded-neutral three-phase three-wire system

(4) Standard capacity of distribution feeder (both overhead and underground)

(Example)

descriptions	Maximum operating capacity	Maximum operating current
Overhead	about 4,500 kVA	392 A
Underground	about 4,500kVA	392 A

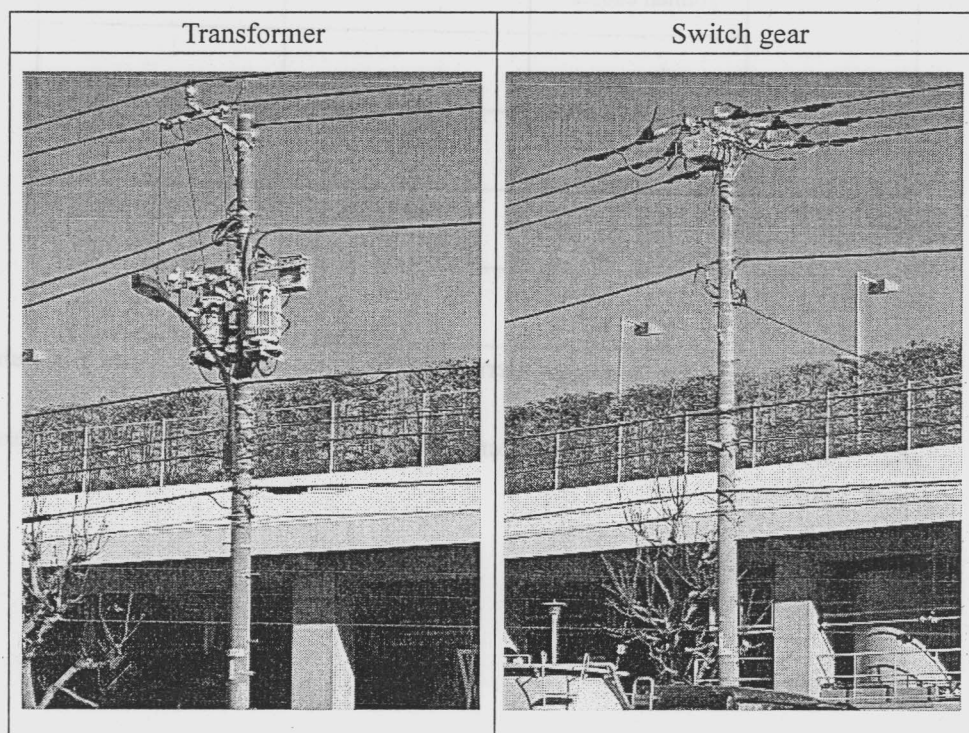


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(5) Main distribution facilities  
(Example)

Pole	Type	Reinforced Concrete Pole
	Length [m]	7 ~ 17
Wire	Material	Copper
	Size [sq]	LV: 22, 38, 60 HV: 22, 38, 60, 100, 150
Transformer	Phase	Single phase
	Capacity [kVA]	5, 10, 20, 30, 50, 75, 100
Switch gear	Type	Air Switch Gas Switch
	Capacity [A]	200, 400, 600

(6) Picture of distribution pole framing (配電装柱の写真)  
(Example)



(7) Faults

•Number of distribution line faults (number of cases :during Fiscal Year 2010 , and 2011)

Descriptions		FY 2010	FY 2011
Total number of faults (unit: cases)			
Causes detail	Lightning		
	Bird and beast		
	Wind /Rainstorm		
	Old facilities		
	Human causes		
	unknown		
	others		
SAIDI * 1			
SAIFI * 2			

\* 1 SAIDI (System Average Interruption Duration Index) unit : minutes / year • customer

\*2 SAIFI (System Average Interruption Frequency Index) unit : times / year • customer

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## 2. General Data

Descriptions		Fiscal Year				
		2007	2008	2009	2010	2011
Electric Power Demand (GWh)	Household					
	Agriculture					
	Commercial					
	Industries					
	Others					
	Total					
Maximum Peak Load (MW) [Date]						
Annual Load Factor (%)						
Transmission/Distribution Loss (%)						
Power Supply Reserve Margin (%)						
Generating Capacity (MW)	Hydro-electric	Conventional				
		Pumped Storage				
		Sub-total				
	Thermal	Coal				
		Oil-Based				
		Gas Turbine				
		Combined				
		Diesel				
		Sub-total				
	Nuclear Power					
	Wind Power					
	Geothermal					
	Others					
	Total					
	Rural Electrification (%)					
Number of Customers						
Number of Employees						
Average Power Rate (Yen/kWh) *						

\* US Dollar 1 = Japanese Yen 100.