

**KINGDOM OF CAMBODIA
NATION RELIGION KING**

**ELECTRICITY AUTHORITY
OF CAMBODIA**

**REPORT
ON
POWER SECTOR OF
THE KINGDOM OF CAMBODIA
FOR THE YEAR 2003**

**Compiled by EAC
October 2004**

Preface

In accordance with the Electricity Law of The Kingdom of Cambodia, EAC has the duty to prepare and publish **Report on power Sector and Relevant Information Received from Licensees** for the benefit of the Government and the public. To facilitate the collection of data and other information for the purpose of preparation the report stated above, Electricity Law also provide that each Licensee shall submit to the Electricity Authority of Cambodia (EAC), with a copy to the Ministry of Industry, Mines and Energy, and make available to the public:

- 1 An annual summary report of Licensee's activities for the past year;
- 2 An annual work plan for the following year describing the Licensee's anticipated activities; and
- 3 Such other reports, statements, and information as the EAC by regulation, determines to be necessary and appropriate.

EAC has started its operation from 3rd September 2001. During its initial operation period of over 2 years, EAC has made strenuous efforts by concentrating on preparation of the basic framework required to fulfill its obligations and duties under the Electricity Law, for development of the power sector, ensuring continuity in power supply and compliance of the Law in providing electric power services and use of electricity. The priority of EAC during this first stage was (i) to issue the licenses to the electric power service providers in the Kingdom of Cambodia so that all service providers are brought under the purview of the Electricity Law and (ii) to issue the Codes, Regulations and Procedures for regulating and monitoring the activities of electric power services and governing the relation between the delivery, receiving and use of electricity. Till the end of the year 2003, the main electricity service providers about 85 in number, covering more than 95% of the electricity market in the Kingdom of Cambodia, were covered by the licenses issued by and under the regulation of EAC as per the provisions of the Electricity Law. Realising that the number of service providers having licenses issued by EAC are sizable for compiling a report of their activities, in the first half of the year 2004 EAC began to collect data and relevant information of the licensees for the year 2003 for preparation of the Report on Power Sector in the Kingdom of Cambodia as required by the Electricity Law. EAC plans to publish this Report on Power Sector of the Kingdom of Cambodia annually so that the data and relevant information on power sector is updated regularly to reflect the actual situation of the development of the sector.

This report on power sector in the Kingdom of Cambodia contains the main data and relevant information available with EAC and received from the licensees and other sources. The report will be made available to the Royal Government, institutions, investors and public desirous to know about the present situation of the power sector of the Kingdom of Cambodia.

EAC expects that this report on power sector will become a valuable document for the information on the power sector of the Kingdom of Cambodia.

Electricity Authority of Cambodia
Chairman

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CHAPTER 1

General Information

1.1 Introduction

The Kingdom of Cambodia, a member country of the Association of South East Asian Nations (ASEAN), with an area of 181 035 square Kilometers, is situated in the Lower Mekong region. Its neighboring countries are Thailand in the West, Vietnam in the East and Laos in the North. Cambodia has a population of approximately 13 million, of which 84% live in rural areas. Most of the existing energy sources in the country are used by the people living in rural areas. They use wood and char coal, which is the only source of energy for cooking. The exact amount of coal, petroleum and gas available in Cambodia is not known, as there were no specific studies conducted in the past, even though at present some companies are exploring petroleum and gas in off-shore area of Cambodia. Potential of hydropower in Cambodia is high (more than 10,000 Megawatts) but the development of these energy sources has not been implemented mostly due to lack of pre-feasibility study of the projects and investment capital. At the moment, import of electricity from neighboring countries at low tariff rates is an appropriate choice to bridge the gap between demand and supply and to reduce the electricity tariff. This will increase the size of electricity market leading to large scale power development in Cambodia.



Electricity was available in Cambodia first in the year 1906. Up to the year 1958, electricity in the Kingdom of Cambodia was supplied by the following 3 private companies:

1. Compagnie des Eaux Electricité (**CEE**),
2. Union d' Electricité de l'Indochine (**UNEDI**), and

3. Compagnie Franco-Khmer d'Electricité (CFKE).

At that time, CEE was the electricity supplier for Phnom Penh and its surrounding areas and UNEDI was the electricity supplier for all provinces except Battambang Province, which was supplied by CFKE.

In October 1958, the Royal Government of Cambodia took over CEE and UNEDI and established a new state-owned enterprise called Electricité du Cambodge (EDC). At that time, EDC supplied electricity to Phnom Penh and all provincial towns in the country except the provincial town of Battambang. Other smaller towns were being supplied by other private enterprises. In 1958, total installed generation capacity in the Kingdom of Cambodia was approximately 30 Megawatts, of which 16 Megawatts was of EDC and 14 Megawatts was of other private companies.

In 1970, total installed generation capacity of EDC reached 61,125 Kilowatts, 68.5% of total electricity production in the whole country (78,805 Kilowatts). In 1970, electricity energy produced by EDC was 123,820,000 kWh in Phnom Penh and 12,230,000 kWh in other provincial towns. Types of generation facilities of EDC and its share in energy produced are given below:

1.	Hydropower	12.7 %	(Kirirom 1 Hydropower Station)
2.	Steam	23.0 %	(Chak Ang Re Krom Steam Turbine Power Station)
3.	Diesel	64.0 %	
4.	Gasoline	0.30 %	
	Total:	100 %	

During the year 1970, there was only one transmission line in the Kingdom of Cambodia connecting Kirirom 1 Hydropower Station to Phnom Penh City through Prek Tnout. Besides this there was no other transmission line. The Kirirom - Prek Tnout - Phnom Penh transmission line had a voltage rating of 110kV, length 120 km and transmission capacity of approximately 50,000 kVA.

During 1971 to 1979, the power sector in the Kingdom of Cambodia passed through 2 dangerous events: (1) civil war (during 1971-1975) and (2) Pol Pot Regime (during 1975-1979). During this time all kinds of electricity facilities including generation, transmission and distribution facilities were almost destroyed not only in Phnom Penh City but also in other provincial towns and smaller towns. Most of the data and other information relating to this period on the electricity sector could not survive this period.

After the liberation on 7 January 1979, the Government of Cambodia started to restore electricity infrastructure in Phnom Penh City and main provincial towns of the country. At that time, the whole electricity supply in Cambodia was under the management of the Ministry of Industry. The Ministry of Industry reestablished EDC with the task of electricity supply in Phnom Penh and established small electricity enterprises in provinces with the responsibility to supply electricity at each of the provinces. Remarkable progress was made in the power sector from 1991 until present day resulting in restoration and development of electricity infrastructure and supply of electricity and reforms in electric power sector.

1.2 Basic Law and Regulations in Power Sector

1.2.1 Electricity Law of the Kingdom of Cambodia

Under the framework of reform in power sector, Royal Government of Cambodia has established the Electricity Law of the Kingdom of Cambodia in order to open for and to attract private investors to participate in the development of the power sector of the Kingdom of Cambodia. The Electricity Law of the Kingdom of Cambodia was adopted by National Assembly on November 06,

2000 at the plenary session No.5 of term 2, agreed by the Senate on the form and content of the law on December 13, 2000 at the plenary session No.4 of term 1 and announced on January 15, 2001 by the Constitutional Council, to be consistent with the Constitution. The Law was finally promulgated by ROYAL DECREE No. NS/RKM/0201/03 dated February 02, 2001 by Preah Bath Samdech **Preah Norodom Sihanouk**, King of Cambodia.

The purpose of the Electricity Law of the Kingdom of Cambodia is to govern and to prepare a framework for the electric power supply and services throughout the kingdom of Cambodia. This law covers all activities related to the supply, the provision of services and use of electricity and other associated activities of power sector. This law aims to establish the principles for operations in the electric power industry, the favorable condition for the investments in and the commercial operation of the electric power industry including the principles for the protection of the rights of consumers, the principles for the promotion of private ownership of the facilities for providing electric power services and the principles for establishment of competition wherever feasible within the electric power sector.

In preparation of a framework for the electric power supply and services throughout the Kingdom of Cambodia, the Law has established an institution called “**ELECTRICITY AUTHORITY OF CAMBODIA**”, a legal public entity, being granted the right by the Royal Government to be an autonomous agency to carry out its duties as provided in the Law. For the management of electric power sector in the Kingdom of Cambodia, the Electricity Law provides that the Ministry of Industry, Mines and Energy shall be responsible for setting and administering the government policies, strategies and planning in the power sector. Whereas, the Electricity Authority of Cambodia shall ensure that the provision of services and the use of electricity shall be performed efficiently, qualitatively, sustain ably and in a transparent manner.

To enable Electricity Authority of Cambodia to ensure that the provision of services and the use of electricity is performed efficiently, qualitatively, and sustain ably, the Electricity Law assigns the powers and duties to it to issue licenses to the electric power service providers, to approve tariff rate and charges, to issue **REGULATIONS, PROCEDURES, RULES, ORDERS** and decisions as well as the right to resolve complaints and disputes related to the provision of services and the use of electricity. The Electricity Authority of Cambodia shall set clear principles for the provision of services and setting of tariff rate in the Kingdom of Cambodia as well as principles to cover other additional or miscellaneous services related to the above services through licensing. The Electricity Law promotes the private ownership of the facilities for providing electric power services in the Kingdom of Cambodia, leading to the establishment of competition wherever feasible within the electric power sector.

As per the provisions of the Electricity Law and powers and duties assigned to the Electricity Authority of Cambodia, Electricity Authority of Cambodia is the **REGULATOR** of the electric power sector, who is to **REGULATE** the provision of services and the use of electricity in the Kingdom of Cambodia.

The Electricity Law provides that the Electricity Authority of Cambodia shall consist of 3 Members, including the Chairman. The Chairman and Members shall be designated and proposed by the Prime Minister and shall be appointed by Royal KRET. Each Member shall have a 3 (three) years term, which shall be staggered, provided that the term of the initial members shall expire at different times. No member shall be appointed to serve in the Authority for more than 2 terms.

As per the Electricity Law of the Kingdom of Cambodia, no person may operate as an electric power utility or provide electric power services unless he/she has performed under and in accordance with the terms of a valid license issued by the Authority. Any person, who is operating as an electric power utility at the time of promulgation of the Electricity Law, shall apply to the

Electricity Authority of Cambodia for a license within 6 month of receiving the initial notice from the Authority.

Regulations, orders and decisions issued by the Electricity Authority of Cambodia are enforceable as per the Electricity Law. Electricity Authority of Cambodia is competent to file the complaints in the courts of the Kingdom of Cambodia for any violation of the Law or any violation of the regulations, orders, decisions as well as licenses issued by EAC.

The Law also provides for the rights, obligations and penalty on the services providers as well as the consumers in order to establish fair condition in the business and the use of electricity.

At last, the Law provides that the Ministry of Industry, Mines and Energy shall transfer in an orderly manner the functions and duties defined in this law to EAC as soon as the EAC is fully operational. The two main functions in power sector in the Kingdom of Cambodia were: 1. the works of setting and administrating the government policies, strategies, and planning, and 2. the works of regulating, liaison, and arbitration between the provision of services and the use of electricity. The law provides that these two functions shall be separated from each other as is the case in other developed countries. The Ministry of Industry, Mines and Energy shall be responsible for setting government policies, strategies and electric power planning. And Regulation and the arbitration of the provision services and the use of electricity shall be transferred to EAC.

The enactment of the Electricity Law of the Kingdom of Cambodia is a big leap forward in bringing reforms in the electricity sector. This reform will encourage the private investors to invest in the power sector in a fair, just and efficient manner for the benefit of our society.

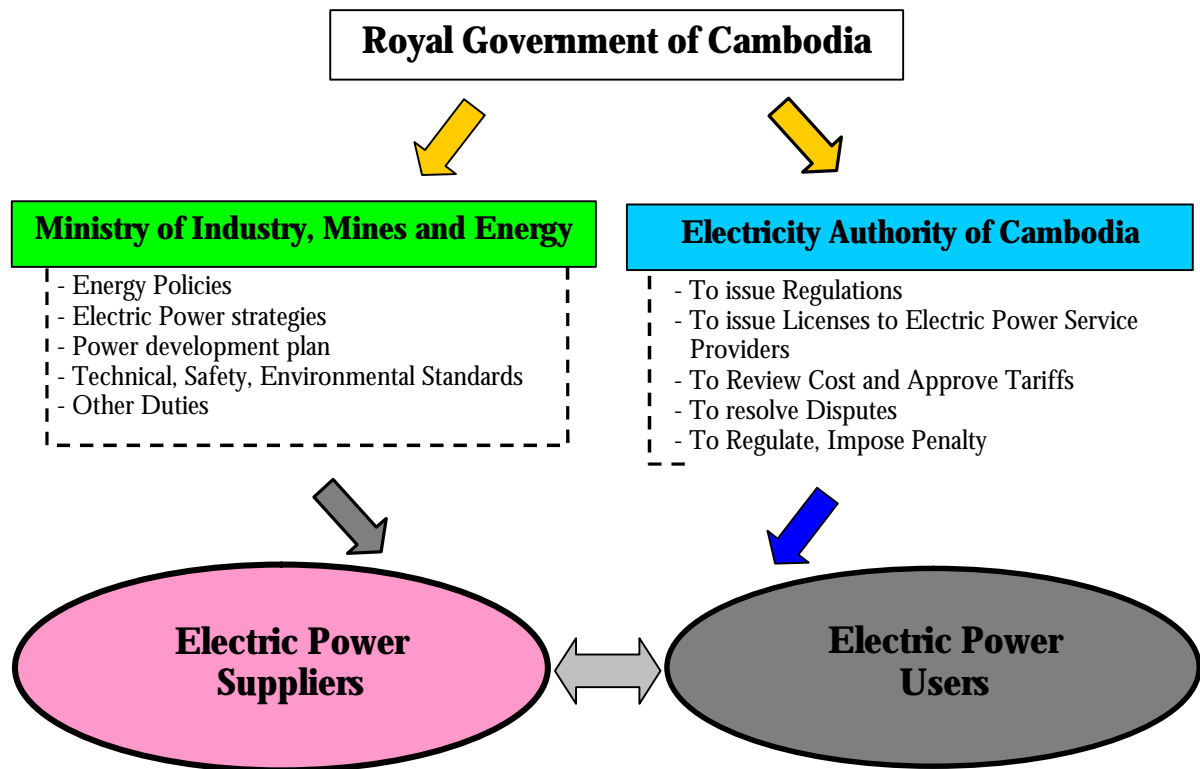
1.2.2 Responsibility of Ministry of Industry, Mines and Energy and Electricity Authority of Cambodia in Power sector

Article 3 of the Electricity Law of the Kingdom of Cambodia defines the responsibility of Ministry of Industry, Mines and Energy and Electricity Authority of Cambodia separately. As per the provisions of this article, after the EAC has started its operation in governing the power sector in the Kingdom of Cambodia, the Ministry of Industry, Mines and Energy shall be responsible for setting and administrating the government policies, strategies and planning in the power sector and the Electricity Authority of Cambodia shall ensure that the provision of services and the use of electricity shall be performed efficiently, qualitatively, sustain ably and in a transparent manner.

It means that, the Ministry of Industry, Mines and Energy, through its duty for setting and administering the government policies, strategies and planning in the power sector, is the institution of the Royal Government to chalk out the path that power sector of the Kingdom of Cambodia is going to take. This institution is also responsible to setting the technical standards for the power sector.

EAC is responsible to issue rules, regulations and procedures and also is responsible to monitor, guide, coordinate including requiring the operators in power sectors both suppliers and consumers to follow the policy and guidelines and technical standards issued by Ministry of Industry, Mines and Energy and ensure that the provision of services and the use of electricity shall be performed efficiently, qualitatively, sustain ably and in a transparent manner.

The roles of the two organization in governing power sector in the Kingdom of Cambodia as provided in the Electricity Law of the Kingdom of Cambodia is shown in the following:



1.2.3 Duties of the Electricity Authority of Cambodia in the Power sector

Article 6 of the Electricity Law of the Kingdom of Cambodia provides that **“The Electricity Authority of Cambodia is a legal public entity, being granted the right by the Royal Government to be an autonomous agency to regulate the electric power services and to govern the relation between the delivery, receiving and use of electricity”**. It means that EAC is a public institution in power sector. **The Government granted EAC the right and autonomy** to regulate the electric power services and to govern the relation between the delivery, receiving and use of electricity.

As can be seen from the provisions of the Law stated above, the Royal Government has granted the right and autonomy to EAC on two points, firstly - to regulate the electric power services and secondly - to govern the relation between the delivery, receiving and use of electricity.

1.2.3.1 Regulation of the Electric Power Services

Providing Electric Power Services mean the business of providing electric power services. Electricity Law of the Kingdom of Cambodia has granted the right and autonomy to EAC to regulate the activities of these services in order to ensure that the services and the business of the electric power service providers are actually carried out efficiently, qualitatively, sustain ably and in a transparent manner as defined by the electricity Law. Granting the right and autonomy to EAC to regulate these services does not mean that Law has provided for EAC to get involved in or to manage the internal business of the electric power service providers. But it allows EAC to advise, guide or order to modify or ceases such activity of the service provider which affects the service being carried out

efficiently, qualitatively, sustainable and in a transparent manner. The guiding action or orders to revise or ceases any activities are to be carried out in public interest and to protect the interest of the consumers.

1.2.3.2 To Govern the relation between the Delivery, Receiving and Use of Electricity

The relation between the Delivery, Receiving and Use of Electricity means the relation between generators and transmitters, between generators and distributors, between transmitters and distributors or between suppliers and consumers. These relations relate only to the cycle of delivery, receiving and use of electricity. The relations can cover the conditions of delivery and receiving electric power services between above parties; the obligations and rights of the above parties in delivery and receiving electric power services; the cost of electric power services that one party pays to the other party; the quality of electric power services that one party provides to other parties etc.

Electric Power Services mean services in electricity sector provided by one party to other parties. Electric power services does not only mean provision of “Electricity” by suppliers to the consumers or the generation, transmission or distribution services provided by one service provider to other service providers but can be any electricity work such as the installation of electrical equipments and network, operation and maintenance, the services in relation to providing the electric power services, the implementation of any work of electric power services etc., which one electric service provider delivers to other electric service providers or to consumers.

The Electricity Law of the Kingdom of Cambodia has granted the right and autonomy to EAC to govern these relations between the Delivery, Receiving and Use of Electricity.

According to the Article 7 of Electricity Law of the Kingdom of Cambodia, EAC has the following powers and duties:

- (a) To issue, revise, suspend, revoke or deny the licenses for the provision of electric power services as provided in article 29 of this Law;
- (b) To approve tariff rates and charges and terms and conditions of electric power services of licensees, except where the Authority consider those rates or charges and terms and conditions are established pursuant to a competitive, market-based process;
- (c) To enforce regulations, procedures and standards for investment programs by licensees;
- (d) To review the financial activities and corporate organization structure of licensees to the extent that these activities and organization directly affect the operation of the power sector and the efficiency of electricity supply;
- (e) To approve and enforce the performance standards for licensees;
- (f) To evaluate and resolve consumer complaints and contract disputes involving licensees, to the extent that the complaints and disputes relate to the violation of the conditions of license;
- (g) To approve and enforce a uniform system of accounts for all licensees;
- (h) To prepare and publish reports of power sector and relevant information received from licensees for the benefit of the Government and the public;
- (i) To prescribe fees applicable to licensees;
- (j) To determine the procedures for informing the public about its activities within its duties, in order to ensure that the Electricity Authority of Cambodia complies with the principle of transparency as set forth in Article 3 of this law;
- (k) To issue rules and regulations and to make appropriate orders, and to issue temporary and permanent injunction for electric power services;

- (l) To impose monetary penalty, disconnect power supply, suspend or revoke the license for the violations of this Law, standards and regulations of the Electricity Authority of Cambodia;
- (m) To require the electric power service providers and the consumers to obey the rules relating to the national energy security, economic, environmental and other Government policies;
- (n) To perform any other function incidental or consequential to any of the duties as describes above; and
- (o) To establish the terms and conditions of employment of the officers or employees including experts/advisors of Electricity Authority of Cambodia.

1.2.3.3 Legal Documents for Governing and Regulating Electric Power Services and use of Electricity

The Legal Documents for governing and regulating electric power services and use of electricity in the Kingdom of Cambodia are classified below:

1. Law

The Electricity Law of the Kingdom of Cambodia and other Laws to manage and regulate the power sectors. Laws are main documents in regulating all activities in power sector and also the main base for preparation of other legal documents needed for managing and regulating the power sector.

2. Legal Documents of Government Class

Sub-Decree, Decision, Notification etc. of the Royal Government. These documents are for determining the power sector policy and for regulating the activities in power sector and are issued by the Royal Government under the provisions of the Electricity Law. The main principles of the power sector, which are not defined in the Law, can also be issued for application as a standard document of the Royal Government.

3. Legal Documents of Ministry Class

Declaration and Decisions of the Ministry of Industry, Mines and Energy. These are the documents for managing the works, which are under the duties of Ministry of Industry, Mines and Energy such as policy, development planning, strategy, technical standards and other determinations in power sector such as:

- Investments in the rehabilitation and development of power sector in the short, medium and long term;
- Restructuring, private sector participation and privatization of Public Utilities;
- Promotion of the use of indigenous energy resources in the generation of electricity;
- Planning and agreements on the export and import of electricity;
- Subsidies to specific classes of customers and priorities regarding consumers of electricity;
- Promotion of efficiency in generation, transmission,

distribution and consumption of electricity and action taken to create a Comprehensive Electricity Conservation Program for Cambodia; and
 - Electricity sector emergency and energy security strategies.

4. Legal Documents of EAC

Licenses, regulations, procedures and decisions of Electricity Authority of Cambodia (EAC), which are issued by EAC under the Electricity Law framework. These documents are for managing and regulating the electric power services and the use of electricity in the Kingdom of Cambodia.

The legal documents prepared and put into force for managing and regulating provision of services and use of electricity in the Kingdom of Cambodia up to the end of year 2003 are shown in the table below:

Name of Standard Documents	Promulgated by	Date Promulgated
1. Electricity Law of the Kingdom of Cambodia	King	2 February 2001
2. Sub-Decree on the Rate of the Maximum License Fees applicable to Electric Power Service Providers in the Kingdom of Cambodia	Royal Government	27 December 2001
3. Procedures for Issuing, Revising, Suspending, Revoking, or Denying Licenses	Electricity Authority of Cambodia	14 September 2001 Revision 1: 12 December 2002 Revision 2: 16 March 2004
4. Regulations on General Conditions of supply of Electricity in the Kingdom of Cambodia	Electricity Authority of Cambodia	17 January 2003
5. Regulatory Treatment of Extension of Transmission and Distribution Grid in the Kingdom of Cambodia	Electricity Authority of Cambodia	28 October 2003

Remarks:

- Ministry of Industry, Mines and Energy in cooperation with Japan International Cooperation Agency (JICA) have prepared the document “General Conditions of Electric Power Technical Standards”. This document is the first part of Electric Power Technical Standards. This document is planned to be put for general use in year 2004.
- EAC in cooperation with NERA Economic Consulting from England under the technical aid of Asian Development Bank (ADB) is preparing 3 main documents for determination of tariffs in the Kingdom of Cambodia. These 3 documents are:
 1. Sub-decree on business principle for setting of electricity tariff
 2. Regulations on general principles for regulating electricity tariffs in the Kingdom of Cambodia
 3. Procedures for data monitoring, application, review and determination of electricity tariff

These documents are also planned to be put for implementation in year 2004.

CHAPTER 2

Information on Regulators and Electric Power Services in Power Sectors in the Kingdom of Cambodia

2.1 Regulators in Power Sectors

According to the Electricity Law, the Electricity Authority of Cambodia shall consist of three members. The members of EAC shall be designated and proposed by the Prime Minister and shall be appointed by the Royal KRET. In year 2003, the regulators for the power sector, appointed by the Royal KRET, are as follows:

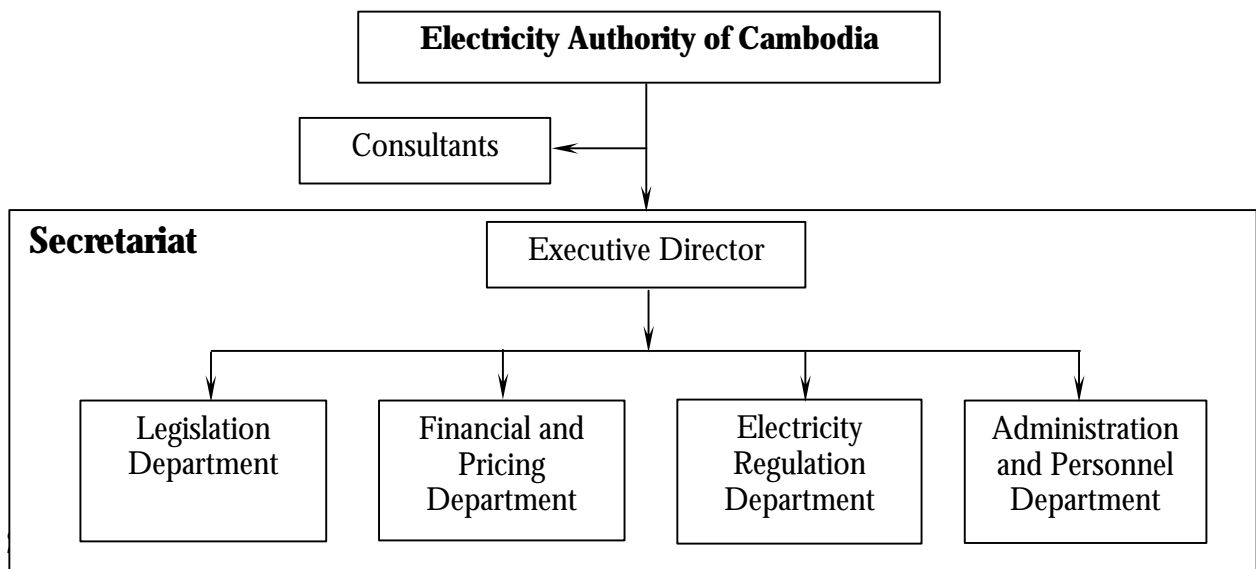
1. **H.E. Dr. Ty Norin**, Chairman
2. **H.E. Yao Bunmeng**, First Vice-Chairman
3. **H.E. Dr. Ouch Thong Seng**, Second Vice-Chairman

As defined by Electricity Law, EAC shall consist of three members and shall have one secretariat for assistance. This secretariat shall be headed by one Executive Director. The Executive Director shall be appointed by Chairman of EAC after consulting with other members. The secretariat of EAC shall be having expert departments, which do expert works for EAC.

At present, EAC has its organization structure as per the schematic diagram below. The highest authorities of EAC are the three regulators i.e. the Chairman of EAC and the two Vice-Chairmen. Under the Chairman and Vice-Chairmen, there is one secretariat headed by the Executive Director. Secretariat provides support to EAC for administrative and technical works and controlling the expertise departments under it. In the first stage, the secretariat consists of four departments for serving the four expertise works separately as stated below:

- 1 – Department of Administration and Personnel, which is in charge of administration and personnel works;
- 2 – Department of Electricity regulation, which is in charge of electricity technical works;
- 3 – Department of Financial and Pricing, which is in charge of financing, accounting and analyzing the electricity tariff works; and
- 4 – Department of Legislation, which is in charge of Legal works and resolution of dispute and imposition of fines.

The organization of EAC at present



As per the provisions of the Electricity Law, each electricity service provider is required to have a license issued by EAC and to abide by the provisions of the Electricity Law and those of its license, and regulations and procedures of EAC. License for providing electric power services is an authorized document confirming to the provisions of the Electricity Law, which EAC decides to grant to any individual or legal entity to give it the right for providing electric services as per the provisions defined in the license (called the conditions of license). As explained above, each license has two main parts:

- a. Decision to grant the right to provide the electric power service and
- b. Conditions of license

Types of licenses to be issued and regulated by EAC are stated below:

1. **The Generation License** grants the right to generate electricity power from specifically fixed identified generation facilities.
2. **The Transmission License** grants the right to provide the transmission service. There are 2 types of Transmission License: National Transmission License and Special Purpose Transmission License.
 - **The National Transmission License** can be issued only to state power transmission company, under the Government control, to have the right to provide the transmission service for delivering the electric power to the distribution companies and bulk power consumers throughout the Kingdom of Cambodia
 - **The Special Purpose Transmission License** grants the right to construct, own and operate the specifically fixed identified transmission facilities in the Kingdom of Cambodia and have the specified purpose.
3. **The Distribution License** grants the right to provide the electricity distribution services in a determined contiguous territory.
4. **The consolidated License** is a license, which may be the combination of some or all types of licenses. The Consolidated License can be issued to EDC and to the isolated systems to grant the right to generate, transmit, dispatch, distribute and sale the electric power to the consumers.
5. **The Dispatch License** grants the right to control, to manage and operate the dispatch facilities for facilitating the delivery and receiving the electricity from the generation, transmission and distribution systems.
6. **The Bulk Sale License** grants the right to buy the electricity from any Generation Licensee or from the power systems of neighboring country for sale to Distribution Licensees or to the large customers in one connected power system.
7. **The Retail License** grants the right to engage in the sale of electric power to consumers in a contiguous service territory.
8. **The Subcontract License** grants the right to supply the electric power services according to the subcontract agreement with existing licensee.

Up to 31st December 2003, EAC has issued 85 licenses to grant the right to the electric power service providers to provide the electric power services pursuant to the Law.

Table 1: Summary of the Types and Number of Licenses Issued up to 31st December 2003

No.	Type of License Issued	Number of Licenses Issued	Number of Licenses not extended
1	Consolidated License consisting of Generation, Distribution and Transmission Licenses	1	
2	Generation License	8	1
3	Distribution License	7	
4	Consolidated License consisting of Generation and Distribution Licenses	69	
	Total	85	1

The Generation License No. 010L issued to Cambodia Wan Long International Industrial Co., Ltd, was valid up to 30th June 2003, the date up to which the PPA was valid. The validity period of the PPA was not extended and the Licensee did not apply to EAC for extension of the validity period of the License. Hence the License is no more valid after 30th June 2003.

Remarks:

Electricité Du Cambodge (EDC), a Government owned company has been granted the Consolidated License consisting of Generation, Distribution and Transmission Licenses. The license gives it the right to provide transmission service for the entire Kingdom of Cambodia and to provide distribution service in its licensed areas and to operate generation facilities at different locations. During 2003, EDC supplied electricity in its licensed areas of Phnom Penh, Sihanoukville, Provincial Town of Siem Reap, Provincial Town of Battambang, Provincial Town of Takeo, Provincial Town of Kampong Cham, Ponhea Krek District, Memot District and Bavit Commune and District center of Kampong Trach. EDC has plans to operate its power services in Provincial Town of Banteay Meanchey, Provincial Town of Kampot, Kep, Provincial Town of Prey Veng, Provincial Town of Ratanakiri, Provincial Town of Steung Treng, Provincial Town of Svay Rieng and Provincial Town of Kampong Speu in year 2005.

Table 2: List of Licenses Issued up to 31st December 2003

No. of License	Type of License	Location of Services	Name of Licensee
001L	Consolidated	Phnom Penh, Sihanoukville, Provincial Town of Seam Reap, Provincial Town of Battambang, Provincial Town of Takeo, Provincial Town of Kampong Cham, Ponhea Krek District, Memot District, Khum Bavet and Kampong Trach District	Electricité du Cambodge
002L	Generation	Phnom Penh	Cambodia Utilities Pte. Limited
003L	Generation	Phnom Penh, Provincial Town of Kampong Chhnang, Provincial Town of Pursat	Jupiter Power (Cambodia) Co., Ltd
004L	Generation	Provincial Town of Kampong Cham (Kampong Cham Province)	Global Technological Support SDN BHD
005L	Generation	Provincial Town of Seam Reap and Battambang	Mr. Chea Sopha
006L	Consolidated	Khum Balang, Baray District and Khum Kampong Thmar, Santuk District (Kampong Thom Province)	Mr. Huor Pheng
007L	Generation	Kirirom I (Koh Kong and Kampong Speu)	CETIC International Hydro power Development Co., LTD
008L	Distribution	Komrieng, Phnom Proek, Sampeu Loun District Towns (Battambang province)	Franasie Import Export Co., Ltd
009L	Distribution	Phsar Prum Town (Krong Pailin)	MSP Development co., LTD
010L	Generation	Provincial Town of Kampot (Kampot Province)	Cambodia Wan Long International Industrial Co., Ltd
011L	Distribution	Ochraov District (Banteay Meanchey)	Anco Brothers Co., Ltd
012L	Consolidated	Provincial Town of Kampong Thom (Kampong Thom Province)	Chilbo Industrial (Cambodia) Co., Ltd
013L	Consolidated	Phsar Tonlab Town, Kirivong District (Takeo Province)	Mr. Mak Thorn
014L	Distribution	Koh Kong Provincial Town and Osmach Town, (Oddor Meanchey Province)	Duty Free Shop Co., Ltd
015L	Consolidated	Phsar Samrong Yong Town, Khum Trapeang Sab, Baty District (Takeo Province)	Mr. Srey Sokhom
016L	Consolidated	Phsar Kampong Chrey Town, Trang District (Takeo Province)	Mr. Ke Kuyhuoy
017L	Consolidated	Eastern Neakleung, Peamro District (Prey Veng Province)	Mrs. Bun Liv
018L	Consolidated	Phsar Snay Pol, Khum Roka, Pearang District (Prey Veng Province)	Mr. Ky Sophea
019L	Consolidated	Khum Treall Town, Baray District (Kampong Thom)	Mr. Te Kok Eng
020L	Consolidated	Phsar Preylvear Town, Khum Preylvear, Prey Kabas District (Takeo Province)	Mr. Chhour Lay
021L	Consolidated	Western Neakleung Town, Luek Dek District (Kandal Province)	Mr. Nov Sokha
022L	Consolidated	Phum Thmor Sor, Khum Korkpor, Boreychuolsa District (Takeo Province)	Mr. Kong Phat

023L	Consolidated	Phsar Prey Toteung Town, Prey Chhor district (Kampong Cham Province)	Mr. Khun Sambo
024L	Generation	Provincial Town of Prey Veng (Prey Veng Province)	Global Power System PTE. Ltd
025L	Generation	Provincial Town of Takeo (Takeo Province)	Santepheap Cambodia Investment Co., LTD
026L	Consolidated	Phsar Phaav Town, Khum Paav, Batheay District (Kampong Cham Province)	Mr. Chang Bunnaret
027L	Consolidated	Phsar Suong Town, Tbong Khmom District (Kampong Cham Province)	Mr. Kuy Sour
028L	Consolidated	Sre Ambil District Town (Koh Kong Province)	Mr. Samrith Sothy
029L	Consolidated	Phsar Veal Rinh Town, Khan Preynob (Sihanoukville)	Mr. Sok Thy
030L	Consolidated	Sangkat Tomnobrolok and Kompenh, Khan Steung Hav (Sihanoukville)	Mr. Ly Bunthy
031L	Consolidated	Provincial Town of Preah Vihear (Preah Vihear Province)	Mr. Chan Thon
032L	Consolidated	Phsar Tang Kok Town, Baray District (Kampong Thom Province)	Mr. Nhen Kong
033L	Consolidated	Phsar Beungknar Town, Khum Beungknar, Bakan district (Pursat Province)	Mr.Chhuor Nguon
034L	Consolidated	Khum Trapeang Chhohng, Bakan District (Pursat Province)	Mr. Toem Touch
035L	Consolidated	Puork District Town (Siem Reap Province)	Mrs. Chhuoy Poeut
036L	Consolidated	Kar-Andoek Town, Khum Prasat, Kampong Trabek District (Prey Veng Province)	Mrs. Pauch Kim
037L	Consolidated	Phsar Rokakong Town, Mukkampung District (Kandal Province)	Mr. Kry Bunthong
038L	Consolidated	Phum Thnal Bek, Khum Svayteab, Chamkaleu District (Kampong Cham Province)	Mr. Khut Bunpech
039L	Consolidated	Phsar Baray Town, Khum Baray, Baray District (Kampong Thom Province)	Mr. Kim Chantara
040L	Consolidated	Phsar Ponley Town, Khum Ponley, Boribor District (Kampong Chnang Province)	Mrs. Mok Heat
041L	Consolidated	Kampong Tralach District Town (Kampong Chnnang Province)	Mr. Ty Sokhun
042L	Consolidated	Phum Trapeang Ropao, Khum Prekthnot, Kampot District (Kampot Province)	Mrs. Muy Kuan
043L	Consolidated	Thmor Kol Town, ThmorKol District (Battambang Province)	Mr. Lay Se
044L	Consolidated	Phsar Chhouk Town, Chhouk District (Kampot Province)	Mrs. Tong Kimsok
045L	Consolidated	Phsar Kampong Popel, Peareang district (Prey Veng Province)	Mr. Keo Dara
046L	Consolidated	Phsar Svay Antor Town, Prey Veng District (Prey Veng Province)	Mr. Seng Sokun
047L	Consolidated	Phsar Skun Town, Khum Soteb, Chheung Prey district (Kampong Cham Province)	Mr. Mom Dara
048L	Consolidated	Phsar Domdek Town, Khum Domdek, Sotnikom District, Siem Reap	Mr. Chhom Sophay
049L	Consolidated	Tambon Treuy Sla , Sa Ang District (Kandal Province)	Mrs. Khiev Nareth
050L	Distribution	Khum Prekthmey and Chheu Teal, Kean Svay District (Kandal Province)	Reeco Company
051L	Distribution	Provincial Town of Kampong Chnang (Kampong Chnang Province)	Sovanny Electricity Devel. Co., Ltd
052L	Distribution	Provincial Town of Pursat (Pursat Province)	Nareth Electricity Devel. Co., Ltd
053L	Consolidated	Phsar Thnal Toteung Town (Kandal Province) and Khum Trapaing Krong, Somrong Trong District (Kampong Speu Province)	Mr. Long Nget

054L	Consolidated	Phsar Sayva Town, Prey Kabas District (Takeo Province)	Mrs. Ouch Por
055L	Consolidated	Phsar Preysandek Town, Khum Preyslek, Trang District (Takeo Province)	Mr. Park Hean
056L	Consolidated	Phsar Boskhnor Town, Khum Boskhnor, Chamkaleur District (Kampong Cham)	Mr. Sieng Khun
057L	Consolidated	Phsar Steungtrang Town, Khum Prekak, Steung Trang District (Kampong Cham)	Mrs. Heng Phearun
058L	Consolidated	Phsar Kampongkontourt Town, Kandalsteung District (Kandal Province)	Mr. Lor Ngoun
059L	Consolidated	Provincial Town of Kratie	Electricity of Kratie Province
060L	Consolidated	Khum Mesorchrey, Steung Trang District (Kampong Cham Province)	Mr. Lim Sokhonn
061L	Consolidated	Phsar Ang Snuol Town, Khum Peuk, Ang Snuol District (Kandal Province)	Mr. Khoeun Sambath
062L	Consolidated	Estern Phsar Prek Kdam Town, Ponhealeu District (Kandal Province)	Mr. Keb Borey
063L	Consolidated	Stong District Town (Kampong Thom Province)	Mr. Ong Hoksins
064L	Consolidated	Phsar Tram Khnar Town, Korng Pisey District (Kampong Speu Province) and Khum Sophy, Baty District (Takeo Province)	Mr. Ut Thy
065L	Consolidated	Phsar Mean Town, Khum Mean and Trapaingpreah, Preychor District (Kampong Cham)	Mr. Chuo Sroan
066L	Consolidated	Phsar Prek Anhchang Town, Mokampoul District (Kandal Province)	Mr. Pean Sokhalay
067L	Consolidated	Phsar Trapaing Kraleung Town, Phnom Sruoch District (Kampong Speu)	Mr. Sok Hoy
068L	Consolidated	Khum Phnom Sampao, Banan District (Battambang Province)	Mrs. Tuoch Montha
069L	Consolidated	Rattanakmondul District Town (Battambang Province)	Mr. Nob Ben
070L	Consolidated	Phum Poysamrong, Khum Tapoung, Tmorkol District (Battambang Province)	Mr. Bou Boeun
071L	Consolidated	Southern Phsar Saang Town, Khum Preakkoy, Saang District (Kandal Province)	Mr. Heng Tray
072L	Consolidated	Phsar Svaydounkeo Town, Bakan District (Pursat Province)	Mr. Ya Sambath
073L	Consolidated	Phsar TangKrorSang Town, Santuk District (Kampong Thom Province)	Mr. Treung San
074L	Consolidated	Phsar Svayteap Town, Khum Svayteap, Chamkaleu District (Kampong Cham Province)	Mr. Mean Vanna
075L	Consolidated	Phsar Speu Town, Khum Speu and Chayyo, Chamkaleu District (Kampong Cham Province)	Mr. Chhay Kimhuor
076L	Consolidated	Phsar Otdong Town, Khum Viangchas, Otdong District (Kampong Speu Province) and Khum Vihearlung, Punnhea Leu (Kandal Province)	Mr. Quach Edward
077L	Consolidated	Phsar Osnguot Town, Monkulborey District (Banteay Meanchey Province)	Mr. Loch Hing
078L	Consolidated	Phsar Kutasat Town, Khum Nimit and Kob, Ochrov District (Banteay Meanchey Province)	Mr. Vorn Yeang
079L	Consolidated	Phsar Phnomtouch Town, Monkulborey District (Banteay Meanchey Province)	Mr. Thon Theung
080L	Consolidated	Phsar Banteay Neang Town, Monkulborey District (Banteay Meanchey Province)	Mr. Sok Vitith

081L	Consolidated	Phnomsrok District Town (Banteay Meanchey Province)	Mr. Moun Han
082L	Consolidated	Phsar Trengtra Yeung Town, Phnomsroch District (Kampong Speu)	Mr. Ly Sokry
083L	Consolidated	Phsar Tnalchek Town, Khum Keangsangke and Damdeak, Sotnikum District (Siem Reap Province)	Mr. Toung Yoeun
084L	Consolidated	Phsar Pangsey Town, Samrong District (Takeo Province) and Khum Tuol Ampil, Borset District (Kampong Speu)	Mr. Mok Chen
085L	Consolidated	Phsar Tnaltoteung Town, Khum Chob, Tbongkhmom District (Kampong Cham)	Mr. Soem Sokha

2.3 The License Fees

The Electricity Authority of Cambodia is an autonomous agency working for the interest of all electric power service providers and electricity users in the Kingdom of Cambodia. Therefore the expenditure of EAC for its operation is to be borne by all electric power service providers in the form of paying the license fees. Article 27 of the Electricity Law provides that EAC shall have an autonomous budget for their operation. This budget shall come through fees paid by applicants and licensees as determined by EAC. This fee is called the license fee. For governing the license fees charged by EAC, The Electricity Law has further provisions that “The maximum license fees are to be determined by a Sub-Decree of the Royal Government”. It means that the license fees charged by EAC shall be within the rates decided by the Sub-Decree of the Royal Government.

Under the provisions of the Electricity Law of the Kingdom of Cambodia, the Royal Government have issued Sub-Decree No. 131-OR-N-KR/BK dated December 27, 2001 determining the maximum license fees applicable to the electric power service providers in the Kingdom of Cambodia.

According to Electricity Law, EAC shall determine the rate of the license fees to be paid by the licensees every year based on the maximum license fees determined by the Sub-Decree.

For the year 2003, EAC has determined the license fees to be paid by licensees vide Notification No. 001SR-03-EAC dated January 27, 2003. The license fees determined are as follows:

1. Generation or power purchased from any other country: 1.60 Riels per kWh of power generated or purchased.
2. Transmission: 0.60 Riels per kWh of power transmitted.
3. Distribution and Sale: 1.10 Riels per kWh of power sold.
4. Retail: 0.50 Riels per kWh of power sold.
5. Other services: license fee shall be 0.1% of the service fee.

CHAPTER 3
Report on Generation, Import, Transmission and Supply of Electricity in the Kingdom of Cambodia for the year 2003

The present power system in the Kingdom of Cambodia consists of many isolated systems; does not have grid interconnection lines. Phnom Penh, provincial towns and other small towns have their own power system. Licensees in small towns, close to Cambodia - Vietnam border and Cambodia - Thai border, purchase electricity from neighboring countries for supply to the consumers in their areas but other areas have their own generation facilities. The biggest power system is Phnom Penh power system, which supply electricity to Phnom Penh and areas around it.

3.1 Electricity Generation

Energy generated in the Kingdom of Cambodia can be divided into 2 types: 1 – generated by Independent Power Producers who have generation licenses and sell electricity to a supplier through Power Purchase Agreement with that supplier and 2 – generated by supplier who has consolidated license and generate electricity for supply through its distribution system.

Table 3: Summary Information about the Energy Generation in the Kingdom of Cambodia during the year 2003

No.	Type of Service Providers	Total Number of Licensees	Total Installed Capacity, kW	Total Energy sent out Million kWh
1	Independence Power Producers	8	89,460	456.244
2	Consolidated Licensees	69	14,756	15.356
3	Electricité du Cambodge	1	82,732	165.285
Total		78	186,948	636.885

Remarks:

Figures above are the energy sent out figure of electric power service providers having proper licenses under the Electricity Law and cover approximately more than 97% of the total energy generated throughout the Kingdom of Cambodia.

3.1.1 Electricity Generation Facilities

For year 2003, electricity generation facilities in the Kingdom of Cambodia can be divided into 3 types: 1 - Hydropower Plants, 2 - Steam Turbine Power Plants, and 3 - Diesel power Plants. Only the Phnom Penh power system of EDC consists of one hydropower plant and one steam turbine power plant for supply of electricity to itself and besides that other power plants are diesel/heavy fuel oil power plants.

Table 4: Summary Information about the Generation Facilities classified by Generation Type for the year 2003

No.	Type of Generation	Total Installed Capacity, kW	Total Energy Sent out, Million kWh	Proportion of energy generated in %
1	Hydropower	12,000	40.509	6.36
2	Steam (Burn HFO)	18,000	28.957	4.55
3	Diesel/HFO	156,948	567.419	89.09
Total		186,948	636.885	100

The capacity of the machines for the generation facilities in the Kingdom of Cambodia varies widely. The biggest capacity of the machines is 6MW and the smallest capacity of the machines is 25kW or less. The range of the installed capacity and energy generated by the generation facilities classified by size of the machines is shown in table below:

Table 5: Summary Information about the Generation Facilities classified by Generation Size for the year 2003

No.	Capacity of Generating Plant	Total Installed Capacity, kW	Total Energy Generated, Million kWh	Proportional in %
1	From 10 to 100 kW	3,356	3.951	0.62
2	From 101 to 500 kW	4,831	5.910	0.93
3	From 501 to 1000 kW	7,271	11.121	1.74
4	From 1001 to 3000 kW	5,752	3.362	0.53
5	Over 3000 kW	165,738	612.541	96.18
Total		186,948	636.885	100

3.1.2 Summary Information about the Generation Services classified by Licensees for the year 2003

Summary Information about the Generation Services classified by Licensees for the year 2003 in the Kingdom of Cambodia shown detail in table below. Many of the small licensees do not have meters to record energy generated or do not maintain records properly. Hence the figures for energy given in the table for small licensees are estimated figures of annual energy sent out from the generating station.

Table 6: Summary Information about the Generation Services classified by Licensees for the year 2003

No.	Name of Licensee	Type of License	Generation Location	Installed Capacity, kW	Energy Sent Out (Annual), kWh
1	Cambodia Utilities Pte Ltd	Generation	Phnom Penh	37,100	247,125,450
2	Jupiter Power (Cambodia) Co., Ltd	Generation	Phnom Penh	24,950	116,034,547
			Provincial Town of Kampong Chhnang	750	2,526,730
			Provincial Town of Pursat	1,000	2,732,440
			Provincial Town of Battambang		698,244
3	Global Technology Support SDN BHD	Generation	Provincial Town of Kampong Cham	3,280	6,845,436
4	Mr. Chea Sopha	Generation	Provincial Town of Siem Reap	4,736	23,312,180
			Provincial Town of Battambang	4000	12,795,672
5	CETIC International Hydropower Development Co., Ltd	Generation	Kirirom I	12,000	40,508,896
6	Cambodia Wan Long International Industrial Co., Ltd	Generation	Provincial Town of Kampot	0	-
7	Global Power System Pte Ltd	Generation	Prey Veng town	984	1,617,033
8	Santepheap Cambodia Investment Co., Ltd	Generation	Provincial Town of Takeo	660	2047160
9	Electricité du Cambodge	Consolidate	Phnom Penh	62,000	144,169,520
			Sihanoukville	10,722	20,853,762
			Provincial Town of Siem Reap	6,950	197,794
			Provincial Town of Battambang	2,160	64,082
			Provincial Town of Takeo	900	0
10	Mr. Hour Pheng	Consolidate	Khum Balang, Baray District and Khum Kampong Thmar, Santuk District	420	598,320
11	Chilbo Industrial (Cambodia) Co., Ltd	Consolidate	Provincial Town of Kampong Thom	1,520	2,015,435

12	Mr. Mak Thorn	Consolidate	Phsar Tonlab Town, Kirivong District (Takeo Province)	508	265,200
13	Mr. Srey Sokhom	Consolidate	Phsar Samrong Yong Town, Khum Trapeang Sab, Baty District (Takeo Province)	80	53,160
14	Mr. Ke Kuyhuoy	Consolidate	Phsar Kampong Chrey Town, Trang District, Takeo Province	80	41,472
15	Mrs. Bun Liv	Consolidate	Estern Neakleung, Peamro District (Prey Veng Province)	2,072	1,283,040
16	Mr. Ky Sophea	Consolidate	Phsar Snay Pol, Khum Roka, Pearang District (Prey Veng Province)	276	147,996
17	Mr. Te Kok Eng	Consolidate	Khum Treal Town, Baray District (Kampong Thom)	220	111,132
18	Mr. Chhour Lay	Consolidate	Phsar Preylvear Town, Khum Preylvear, Prey Kabas District (Takeo Province)	85.6	63,504
19	Mr. Nov Sokha	Consolidate	Western Neakleung Town, Luek Dek District (Kandal Province)	448	500,352
20	Mr. Kong Phat	Consolidate	Phum Thmor Sor, Khum Korkpor, Boreychuolsa District, Takeo Province	52.5	44,400
21	Mr. Khun Sambo	Consolidate	Phsar Prey Toteung Town, Prey Chhor district, (Kampong Cham Province)	371.2	318,000
22	Mr. Chang Bunnaret	Consolidate	Phsar Phaav Town, Khum Paav, Batheay District, (Kampong Cham Province)	96	73,200
23	Mr. Kuy Sour	Consolidate	Phsar Suong Town, Tbong Khmom District (Kampong Cham Province)	592	678,000
24	Mr. Samrith Sothy	Consolidate	Sre Ambil District Town (Koh Kong Province)	680	446,400
25	Mr. Sok Thy	Consolidate	Phsar Veal Rinh Town, Preynob district (Sihanoukville)	688	370,800
26	Mr. Ly Bunthy	Consolidate	Sangkat Tomnobrolok and Kompenh, Steung Hav District (Sihanoukville)	376	360,000
27	Mr. Chan Thon	Consolidate	Provincial Town of Preah Vihear (Preah Vihear Province)	460	49,280
28	Mr. Nhen Kong	Consolidate	Phsar Tang Kok Town, Baray District (Kampong Thom Province)	190	103,200
29	Mr. Chhuor Nguon	Consolidate	Phsar Beungknar Town, Khum Beungknar, Bakan District (Pursat Province)	100	104,400
30	Mr. Toem Touch	Consolidate	Khum Trapeang Chhonhg, Bakan District (Pursat Province)	92	108,000
31	Mrs. Chhuoy Poeut	Consolidate	Puork District Town (Siem Reap Province)	188	176,400
32	Mrs. Pauch Kim	Consolidate	Kar-Andoek Town, Khum Prasat, Kampong Trabek District (Prey Veng Province)	172	121,029
33	Mr. Kry Bunthong	Consolidate	Phar Rokakong Town, Mukkampoul District (Kandal Province)	96	230,400
34	Mr. Khut Bunpich	Consolidate	Phum Thnal Bek, Khum Svayteab, Chamkaleu District (Kampong Cham Province)	96	121,200
35	Mr. Kim Chantara	Consolidate	Phsar Baray Town, Khum Baray, Baray District (Kampong Thom Province)	56	112,800
36	Mrs. Mok Heat	Consolidate	Phsar Ponley Town, Khum Ponley, Boribor District (Kampong Chnang Province)	94	68,400
37	Mr. Ty Sokhun	Consolidate	Kampong Tralach District Twon (Kampong Chnnang Province)	509	436,800
38	Mrs. Muy Kuan	Consolidate	Phum Trapeang Ropao, Khum Prekthnot, Kampot District (Kampot Province)	92	102,000

			Province)		
39	Mr. Lay Se	Consolidate	Thmor Kol Town, ThmorKol District (Battambang Province)	352	525,600
40	Mrs. Tong Kimsok	Consolidate	Phsar Chhouk Town, Chhouk District (Kampot Province)	96	126,000
41	Mr. Keo Dara	Consolidate	Phsar Kampong Popel Town, Peareang district (Prey Veng Province)	68	40,200
42	Mr. Seng Sokun	Consolidate	Phsar Svay Antor Town, Prey Veng District (Prey Veng Province)	110	85,800
43	Mr. Mom Dara	Consolidate	Phsar Skun Town, Khum Soteb, Chheung Prey district (Kampong Cham Province)	80	159,600
44	Mr. Chhom Sophay	Consolidate	Phsar Domdek Town, Khum Domdek, Sonikom District, (Siem Reap Province)	160	165,600
45	Mrs. Khiev Nareth	Consolidate	Tambon Treuy Sla, Sa Ang District (Kandal Province)	332	134,400
46	Mr. Long Nget	Consolidate	Phsar Thnal Toteung Town (Kandal) and Khum Trapaing Krong, Somrong District (Kampong Speu Province)	92	139,200
47	Mrs. Ouch Por	Consolidate	Phsar Sayva Town, Prey Kabas District (Takeo Province)	56	91,200
48	Mr. Park Hean	Consolidate	Phsar Preysandek Town, Khum Preyslek, Trang District (Takeo Province)	28	27,600
49	Mr. Sieng Khun	Consolidate	Phsar Bokhnor Town, Khum Boskhnor, Chamkaleur District (Kampong Cham Province)	92	105,600
50	Mrs. Heng Phearun	Consolidate	Phsar Steungtrang Town, Khum Prekak, Steung Trang District (Kampong Cham Province)	40	34,800
51	Mr. Lor Ngoun	Consolidate	Phsar Kampongkontourt Town, Kandalsteung District (Kandal Province)	40	87,600
52	Electricity of Kratie Province	Consolidate	Provincial Town of Kratie	160	2,037,120
53	Mr. Lim Sokhonn	Consolidate	Khum Mesorchrey, Steung Trang District (Kampong Cham Province)	72	114,000
54	Mr. Khoeun Sambath	Consolidate	Phsar Ang Snuol Town, Khum Peuk, Ang Snuol District (Kandal Province)	76	91,200
55	Mr. Keb Borey	Consolidate	Estern Phsar Prek Kdam Town, Ponhealeu District (Kanda Province)	96	48,000
56	Mr. Ong Hoksinn	Consolidate	Stong District Town (Kampong Thom Province)	300	104,400
57	Mr. Ut Thy	Consolidate	Phsar Tram Khnar Town, Chungruk and Sophy District (Kampong Speu and Takeo Province)	80	139,200
58	Mr. Chuo Sroan	Consolidate	Phsar Mean Town, Khum Mean and Trapaingpreah, Preychor District (Kampong Cham)	76	43,200
59	Mr. Pean Sokhalay	Consolidate	Phsar Prek Anhchang Town, Mokampoul District (Kandal Province)	90	74,400
60	Mr. Sok Hoy	Consolidate	Phsar Trapaing Kraleung Town, Phnom Sruoch District (Kampong Speu)	60	66,000
61	Mrs. Tuoch Montha	Consolidate	Khum Phnom Sampao, Banan District (Battambang Province)	90	86,400
62	Mr. Nob Ben	Consolidate	Rattanakmondul District Town (Battambang Province)	96	124,800

63	Mr. Bou Boeun	Consolidate	Phum Poysamrong, Khum Tapoung, Tmorkol District (Battambang Province)	30	26,400
64	Mr. Heng Tray	Consolidate	Southern Phsar Saang Town, Khum Preakkoy, Saang District (Kandal Province)	96	259,200
65	Mr. Ya Sambath	Consolidate	Phsar Svaydounkeo Town, Bakan District (Pursat Province)	88	32,400
66	Mr. Treung San	Consolidate	Phsar TangKrorSang Town, Santuk District (Kampong Thom Province)	64	90,600
67	Mr. Mean Vanna	Consolidate	Phsar Svayteap Town, Khum Svayteap, Chamkaleu District (Kampong Cham Province)	84	94,200
68	Mr. Chhay Kimhuor	Consolidate	Phsar Speu Town, Khum Speu and Chayyo, Chamkaleu District (Kampong Cham Province)	80	86,400
69	Mr. Quach Edward	Consolidate	Phsar Otdong Town, Khum Viangchas, Otdong District (Kampong Speu Province) and Khum Vihearlung, Punnhea Leu (Kandal Province)	296	371,400
70	Mr. Loch Hing	Consolidate	Phsar Osnguot Town, Monkulborey District (Bantaymeanchey Province)	76	115,800
71	Mr.Vorn Yeang	Consolidate	Phsar Kutatat Town, Khum Nimit and Kob, Ochrov District (Bantaymeanchey Province)	40	52,200
72	Mr. Thon Theung	Consolidate	Phsar Phnomtouch Town, Monkulborey District (Bantaymeanchey Province)	89.6	97,200
73	Mr. Sok Vitith	Consolidate	Phsar Banteayneang Town, Monkulborey District (Bantaymeanchey Province)	56	44,400
74	Mr. Moun Han	Consolidate	Phnomsrok District Town (Bantaymeanchey Province)	89.6	64,800
75	Mr. Ly Sokry	Consolidate	Phsar Trengtra Yeung Town, Phnomsroch District (Kampong Speu)	90	114,000
76	Mr. Toung Yeun	Consolidate	Phsar Tnalchek Town, Khum Keangsangke and Damdeak, Sotnikum District (Siem Reap Province)	28	52,800
77	Mr. Mok Chen	Consolidate	Phsar Pangsey Town, Samrong District (Takeo Province) and Khum Tuol Ampil, Borset District (Kampong Speu)	24	34,800
78	Mr. Soem Sokha	Consolidate	Phsar Tnaltoteung Town, Khum Chob, Tbongkhmom District (Kampong Cham)	72	63,600
Total				186,947.50	636,885,386

Remarks:

The data on installed capacity available in kVA has been converted to kW by assuming a power factor of 0.8.

Jupiter Power (Cambodia) Co., Ltd. closed its operation and Mr. Chea Sopha started its operation of generation in Battambang during January 2003. The following licensees started their operation from the month stated against each and the data given in the table above is from that month only.

Mr. Chan Thon - October 2003
Mrs Pauch Kim - April 2003

Table 7: Information about Average Electricity Tariff per kWh of the Independence Power Producers sold to the Suppliers in the Kingdom of Cambodia for the Year 2003

IPP Name	Average Tariff in US Cents per kWh for each months for the year 2003											
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
CETIC, Kirirom	7.00	7.00	7.00	0	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00
CUPL, Phnom Penh	12.46	12.94	14.21	13.18	12.67	12.49	12.82	12.99	12.83	12.80	12.76	12.93
Jupiter, Phnom Penh	12.94	13.52	14.52	14.93	13.03	12.83	12.90	12.85	13.51	13.47	13.34	13.41
Jupiter, Porsat	16.86	17.54	18.73	19.22	16.96	16.72	16.81	16.75	17.53	17.48	17.50	17.73
Jupiter, Kampong Chhnang	16.86	17.54	18.73	19.22	16.96	16.72	16.81	16.75	17.53	17.48	17.50	17.73
GTS, Kampong Cham	15.01	15.44	16.39	16.11	14.67	14.50	14.56	14.60	15.24	15.24	15.26	15.76
GPS, Prey Veng		16.00	16.00	16.00	16.00	16.00	16.00	16.00	16.00	16.00	16.00	16.00
Santepheap Investment, Takeo	12.95	13.56	14.65	15.08	12.99	12.77	12.86	12.80	13.52	13.48	13.49	13.71

3.2 Energy Imported from Neighboring Countries

As a result of the cooperation between the Royal Government of Cambodia and The Government of Thailand and the Government of Vietnam, the Distribution Licensees operating in the areas close to the Cambodia - Thai and Cambodia - Vietnam borders are allowed to purchase electricity from Thailand and Vietnam to supply in its areas of supply. Based on the Electricity Trade Agreement between Ministry of Industry, Mines and Energy of Cambodia with the Ministry of Industry of Vietnam, EDC has signed the Power Purchase Agreement with Vietnam Power No.2 for supply of electric energy to areas of Memot, Krek, Bavit and Kampong Trach located near the Cambodia - Vietnam border. Some other private companies have received the right from MIME to purchase electricity from Provincial Electricity Authority of Thailand for supply to areas near Cambodia - Thai border. At present the import of power from Vietnam and Thailand is at a voltage of 22 kV. Power and quantity of electricity imported for year 2003 including names of the licensees and areas of supply are shown in Table below:

Table 8: Power and Energy Imported from Neighboring Countries for the Year 2003

Name of the Licensees	Area of Supply	Contracted Capacity in kW	Energy Imported in kWh
1. Energy Imported from Thailand			
Franasie Import Export Co., Ltd	Kamrieng	1,000	2,303,124
	Phnom Preuk	1,000	364,254
	Sampeou Loun	1,000	474,132
M.S.P. Development Co. Ltd	Phum Phsar Prum	2,500	3,218,440
Anco Brothers Co., Ltd.	Ochraov District	5,000	28,572,720
Duty Free Shop Co. LTD	Provincial Town of Koh Kong	2,000	11,253,755
	Osmarch Town	2,000	4043180
2. Energy Imported from Vietnam			
Electricité du Cambodge	Ponhea Krek District	700	1,850,300
	Memot District	1,750	2,448,800

	Bavit commune	800	3,579,500
	Kampong Trach	1000	169,100
Total		18,750	58,277,305

Table 9: Information about Average Electricity Tariff per kWh from Neighboring Countries for the Year 2003

Licensee	Unit	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
EDC, Memut (VN)	US Cents	6.90	6.90	6.90	6.90	6.90	6.90	6.90	6.90	6.90	6.90	6.90	6.90
EDC, Krek (VN)	US Cents	6.90	6.90	6.90	6.90	6.90	6.90	6.90	6.90	6.90	6.90	6.90	6.90
EDC, Bavit (VN)	US Cents	6.90	6.90	6.90	6.90	6.90	6.90	6.90	6.90	6.90	6.90	6.90	6.90
Anco, Poipet (Thai)	Baht	2.38	2.59	2.52	2.41	2.40	2.58	2.56	2.55	2.43	2.56	2.55	2.54
DFS, Kohkong (Thai)	Baht	2.53	2.54	2.46	2.39	2.46	2.50	2.49	2.70	2.60	2.52	2.57	2.48
DFS, Osmach (Thai)	Baht	2.54	2.89	2.73	2.52	2.43	2.61	2.53	2.50	2.63	2.55	2.60	2.60
MSP, Pailin (Thai)	Baht	2.58	2.51	2.98	2.55	2.50	2.57	2.62	2.49	2.59	2.58	2.56	2.56
Franasie, Kamrieng (Thai)	Baht	2.58	2.62	2.69	2.52	2.45	2.55	2.56	2.48	2.57	2.59	2.55	2.57
Franasie, Sampeou Loun (Thai)	Baht	2.85	2.96	2.83	2.78	2.69	2.87	2.85	2.78	2.92	2.89	2.83	2.82
Franasie, Phnom Preuk (Thai)	Baht	2.74	2.84	2.75	2.69	2.61	2.75	2.72	2.64	2.77	2.72	2.72	2.70

3.3 Electricity Transmission

3.3.1 High Voltage Transmission and Grid-Substation

In the year 2003, two high voltage lines (over 22kV) exist: 1 – 115kV line around Phnom Penh and 2 – 115kV line from Kirirom I hydropower plant to Phnom Penh distribution system. Considering the purpose of utilization, the 115kV line around Phnom Penh is considered as operating for distribution services and 115kV transmission line that transmit electricity from Kirirom I hydropower plant to Phnom Penh's distribution system is considered as operating for transmitting electricity.

Table 10: Information about High Voltage Transmission Lines in the Kingdom of Cambodia

No.	Name of Transmission Line	Ownership	Detail Information
1	Transmission line around Phnom Penh	EDC	Voltage: 115 kV Length: 23 Km Purpose: connects all 3 Grid - substation in Phnom Penh to stabilize and provide continuous supply to distribution system
2	Transmission Kirirom I – Kampong Speu – Phnom Penh	EDC	Voltage: 115 kV Length: 120 Km Purpose: transmit electricity from Kirirom I hydropower plant to Kampong Speu and Phnom Penh

Table 11: Information about High Voltage Grid-Substation in the Kingdom of Cambodia for the Year 2003

No	Name of Substation	Ownership	Detail Information
1	Substation No. 1 – Phnom Penh	EDC	Voltage: 115/22 kV Number and Size of Transformers:

			2 x 30 MW Number of Outgoing Distribution Feeders: 14 Number of Incoming Distribution Feeders: 5 Total Number of Distribution Feeders: 19
2	Substation No. 2 – Phnom Penh	EDC	Voltage: 115/22 kV Number and Size of Transformers: 1 x 30 MW Number of Outgoing Distribution Feeders: 11 Number of Incoming Distribution Feeders: 7 Total Number of Distribution Feeders: 18
3	Substation No. 3 – Phnom Penh	EDC	Voltage: 115/22 kV Number and Size of Transformers: 1 x 30 MW Number of Outgoing Distribution Feeders: 13 Number of Incoming Distribution Feeders: 2 Total Number of Distribution Feeders: 15
4	Substation – Kampong Speu	EDC	Voltage: 115/22 kV Number and Size of Transformers: 1 x 6.3 MW Number of Outgoing Distribution Feeders: 1 Number of Incoming Distribution Feeders: 1 Total Number of Distribution Feeders: 2

3.3.2 Energy Transmitted in the Kingdom of Cambodia for the Year 2003

Information about energy transmitted in the Kingdom of Cambodia is shown in the Table below:

Table 12: Energy Transmitted in the Kingdom of Cambodia for the Year 2003

No.	Name of Licensee	Energy Transmitted, kWh	Transmission Lines
1	Electricité du Cambodge	40,508,896	Transmission Kirirom I – Kampong Speu – Phnom Penh

3.4 Electricity Distribution

3.4.1 Electricity Distribution Facilities

In general in the Kingdom of Cambodia, the consolidated licensees and distribution licensees, having the right to distribute electricity in their authorized areas, own the electricity distribution facilities in their area. Whereas the electricity distribution facilities, which are used by the

subcontract licensees for providing the distribution services is owned by the consolidated licensee or distribution licensee, who makes the agreement to allow the subcontract licensee to provide the electric power service for them in a part of its authorized area. At present, step down substation from high voltage to medium voltage, MV lines, transformer substation, LV lines and equipment for electricity supply to the customers are considered as distribution facilities.

Information on distribution facilities in the Kingdom of Cambodia for year 2003 shown in table below:

Table 13: Information on Electricity Distribution Facilities in the Kingdom of Cambodia for the Year 2003

Name	Unit	Number
1 – 22 kV MV lines:	Kilometer	434.3
- Underground cables	Kilometer	235.8
- Overhead Lines	Kilometer	198.5
2 – 15 kV MV lines:	Kilometer	38.39
- Underground cables	Kilometer	8.61
- Overhead Lines	Kilometer	29.78
3 – 6.3 kV MV lines:	Kilometer	13.26
- Underground cables	Kilometer	0.56
- Overhead Lines	Kilometer	12.7
4 – LV lines:	Kilometer	1,446
- Underground cables	Kilometer	193
- Overhead Lines	Kilometer	1,253
5 – Transformer Substation:	Number	356
- Number	Number	580
- Capacity	MVA	489.58

3.4.2 Electricity Supply

Out of 85 of electricity service providers having licenses during the year 2003, 77 suppliers provide electric power services under consolidated licenses and distribution licenses. Most of the licensees supply electricity to the consumers with meters. Whereas there are only some small areas of supply in the rural areas where some of the consumers receive the supply with meter and some receive the supply without meter.

Due to the lack of adequate demand, some suppliers do not supply electricity for 24 hours a day but supply for some hours depending on the demand.

Table 14: List of Licensees having License and the supply Situation Province wise for the Year 2003

Province /City	Supply Areas	Name of licensee	Situation of Supply
Bantay MeanChey	Ochraov District	Anco Brothers Co., Ltd	Supply 24 hours per day
	Phsar Osnguot Town, Monkulborey District	Mr Loch Hing	From 17:00 to 22:00
	Phsar Kutasat Town, Khum Nimit and Kob, Ochrov District	Mr.Vorn Yeang	From 17:00 to 22:00
	Phar Phnomtouch Town, Monkulborey District	Mr. Thon Theung	From 11:00 to 16:00 and From 17:30 to 22:00
	Phsar Banteayneang Town, Monkulborey District	Mr. Sok Vitith	From 10:00 to 22:00
	Phnomsrok District Town	Mr. Moun Han	From 17:00 to 22:30
Battambang	Provincial Town of Battambang	EDC	Supply 24 hours per day
	Kamrieng Town	Franasie Import & Export Co., Ltd	Supply 24 hours per day
	Phnom Preuk Town		
	Sampov Loun		
	Thmor Kol Town, ThmorKol District	Mr. Lay Se	Supply 24 hours per day
	Rattanakmondul District Town	Mr. Nob Bin	From 17:00 to 23:00, From 5:00 to 6:30 and From 11:00 to 14:00
	Khum Phnom Sampao, Banan District	Mrs. Touch Montha	From 17:00 to 23:00 and From 4:00 to 7:00 and From 11:00 to 14:00
	Phum Poysamrong, Khum Tapoung, Tmorkol District	Mr. Bou Boeun	From 18:00 to 22:00
Kampong Cham	Provincial Town of Kampong Cham	EDC	Supply 24 hours per day
	Ponhea Krek District Town	EDC	
	Memut District Town	EDC	
	Phsar Prey Toteung Town, Prey Chhor district	Mr. Khun Sambo	Supply 24 hours per day
	Phsar Suong Town, Tbhong Khmom District	Mr. Kuy Sour	From 02:30 to 23:30 hrs
	Phum Thnal Bek, Khum Svayteab, Chamkaleu District	Mr. Khut Bunpich	From 11:00 to 16:00 and From 18:00 to 22:00
	Phsar Skun Town, Khum Soteb, Chheung Prey District	Mr. Mom Tara	From 03:30 to 23:30
	Phsar Bokhnor Town, Chamkaleur District	Mr. Sieng Khun	From 11:00 to 16:00 and 18:00 to 22:00
	Phsar Steungtrang Town, Steung Trang District	Mrs. Heng Phearun	From 18:00 to 22:00
	Khum Mesorchreyt, Steung Trang District	Mr. Lim Sokhonn	From 4:00 to 22:00
	Phsar Mean Town, Khum Mean and Trapaingpreah, Preychor District	Mr. Chou Sroan	From 4:00 to 5:00 and From 17:30 to 22:00

	Phsar Svayteap Town, Chamkaleu District	Mr. Mean Vanna	From 11:30 to 17:00 and From 17:30 to 22:00
	Phsar Speu Town, Khum Speu and Chayyo, Chamkaleu District	Mr. Chhay Kimhour	From 17:30 to 22:30
	Phsar Tnaltoteung Town, Tbongkhmom District	Mr. Soem Sokha	From 5:00 to 6:00 and From 17:30 to 23:00
	Phsar Phaav Town, Khum Paav, Batheay District	Mr. Chang Bunnaret	From 04:30 to 06:30 and 18:00 to 23:00
Kampong Thom	Provincial Town of Kampong Thom	Chilbo Industrial Co., Ltd	Supply 24 hours per day
	Khum Balang, Baray District and Khum Kampong Thmar, Santuk District	Mr. Hour Pheng	Supply 24 hours per day
	Khum Treal Town, Baray District	Mr. Te Kok Eng	From 04:00 to 23:00
	Phsar Tang Kok Town, Baray District	Mr. Nhen Kong	From 04:00 to 06:00, From 11:00 to 16:00 and From 18:00 to 23:00
	Phsar Baray Town, Khum Baray, Baray District	Mr. Kim Chantara	From 04:00 to 23:00
	Stong District Town	Mr. Ong Hoksin	From 18:00 to 23:00
	Phsar Tang Kror Sang Town, Saang District	Mr. Treung San	From 13:00 to 15:00 and From 18:00 to 23:00
Kandal	Phnom Penh	EDC	Supply 24 hours per day
	Western Neakleung Town, Luek Dek District	Mr. Nov Sokha	Supply 24 hours per day
	Phar Rokakong Town, Mukkampoul District	Mr. Kry Bunthoung	From 04:00 to 23:00
	Tambon Treuy Sla, Sa Ang District	Mrs. Khiev Nareth	From 18:00 to 07:00
	Khum Prekthmey and Chheu Teal, Kean Svay District	Reeco Company	Supply 24 hours per day
	Phsar Thnal Toteung Town	Mr. Long Nget	From 4:00 to 6:00 and From 11:00 to 24:00
	Phsar Kampongkontourt Town, Kandalsteung District	Mr. Lor Nguon	From 14:00 to 23:00
	Phsar Ang Snuol Town, Ang Snuol District	Mr. Khoeun Sambath	From 18:00 to 22:30 and From 4:30 to 6:30 and From 12:00 to 14:00
	Estern Phsar Prek Kdam Town, Ponhealeu District	Mr. Keb Borey	From 18:00 to 23:00
	Phsar Prek Anhchang Town, Mokampoul District	Mr. Pean Sokkhalay	From 11:30 to 23:00
	Southern Phsar Saang Town, Saang District	Mr. Heng Tray	From 11:00 to 7:00
	Khum Vihearlung, Punnhea Leu (Kandal Province)	Mr. Quach Edward	From 4:00 to 2:00
Koh Kong	Koh Kong Provincial Town	Duty Free Shop Co., Ltd	Supply 24 hours per day
	Sre Ambil District Town	Mr. Samrith Sothy	Supply 24 hours per day
Phnom Penh	Phnom Penh	EDC	Supply 24 hours per day
Prey Veng	Estern Neakleung, Peamro District	Mrs. Bun Liv	Supply 24 hours per day

	Phsar Snay Pol, Khum Roka, Pearang District	Mr. Ky Sophea	From 24:00 to 18:00 and 11:00 to 24:00
	Kar-Andoek Town, Khum Prasat, Kampong Trabek District	Mrs. Pauch Kim	Supply 24 hours per day
	Phsar Kampong Popel Town, Peareang district	Mr. Keo Dara	From 04:00 to 06:00 and 17:30 to 23:00
	Phsar Svay Antor Town, Prey Veng District	Mr. Seng Sokun	Monday to Friday From 04:00 to 06:00 and From 17:30 to 23:00 and Saturday and Sunday from 04:00 to 06:00 and 11:00 to 23:00
Siem Reap	Provincial Town of Siem Reap	EDC	Supply 24 hours per day
	Puork District Town	Mrs. Chhouy Pheut	From 04:30 to 23:00
	Phsar Domdek Town, Khum Domdek Phsar, Sotnikom District	Mr. Chhom Sophay	From 05:30 to 10:00 and From 11:00 to 16:30 and From 17:30 to 23:00
	Phsar Tnalchek Town, Khum Keangsangke and Damdeak, Sotnikum District	Mr. Toung Yoeun	From 5:00 to 17:00 and From 18:00 to 23:00
Sihanukville	Sihanoukville	EDC	Supply 24 hours per day
	Phsar Veal Rinh Town, Preynob District	Mr. Sok Thy	Supply 24 hours per day
	Sangkat Tomnobrolok and Kompenh, Steung Hav District	Mr. Ly Bunthy	Supply 24 hours per day
Svay Rieng	Bavit District	EDC	Supply 24 hours per day
Takeo	Provincial Town of Kakeo	EDC	Supply 24 hours per day
	Phsar Tonlab Town, Kirivong District	Mr. Mak Thorn	From 10:30 to 05:00 am
	Phsar Samrong Yong Town, Khum Trapeang Sab, Baty District	Mr. Srey Sokhom	Monday to Friday – From 15:30 to 22:30 and From 17:00 to 23:00 and Saturday and Sunday added From 11:30 to 22:30
	Phsar Kampong Chrey Town, Trang District	Mr. Ke Kuyhuoy	From 18:00 to 22:30
	Phsar Preylvea Town, Khum Preylvea, Prey Kabas District	Mr. Chhour Lay	From 07:00 to 23:00
	Phum Thmor Sor, Khum Korkpor, Boreychuolsa District	Mr. Kong Phat	From 18:00 to 24:00
	Phsar Sayva Town, Prey Kabas District	Mrs. Ouch Por	From 10:00 to 22:00
	Phsar Preysandek Town, Khum Preyslek, Trang District	Mr. Park Hean	From 10:00 to 22:00
	Khum Sophy, Baty District	Mr. Ut Thy	From 04:00 to 06:00 and From 17:00 to 23:00
	Phsar Pangsey Town, Samrong District	Mr. Mok Chen	From 17:30 to 21:00

Kampong Speu	Khum Trapaing Krong, Somrong Trong District	Mr. Long Nget	From 4:00 to 6:00 and From 11:00 to 24:00
	Phsar Tram Khnar Town, Krong Pisey District	Mr. Ut Thy	From 04:00 to 06:00 and From 17:00 to 23:00
	Phsar Trapaing Kralleng Town, Phnom Sruoch District	Mr. Sok Hoy	From 19:00 to 23:00 and From 05:00 to 06:00
	Phsar Trengtra Yeung Town, Phnomsroch District	Mr. Ly Sokry	From 11:00 to 23:00
	Phsar Otdong Town, Khum Vianchas, Otdong District	Mr. Quach Edward	From 4:00 to 2:00
	Khum Tuol Ampil, Borset District	Mr. Mok Chen	From 17:30 to 21:00
Kampot	Kampong Trach District	EDC	Supply 24 hours per day
	Phsar Chhouk Town, Chhouk District	Mrs. Tong Kimsok	From 17:30 to 23:00
	Phum Trapeang Ropao, Khum Prekthnot, Kampot District	Mrs. Muy Kuan	From 05.00 to 08:00; From 12:00 to 14:30 and From 18:00 to 22:00
Kampong Chhnang	Provincial Town of Kampong Chhnang	Sovanny Electricity Development Co.Ltd	Supply 24 hours per day
	Phsar Ponley Town, Khum Ponley, Boribor District	Mrs. Mok Heat	From 04:30 to 06:30 and From 17:00 to 22:00
	Kampong Tralach District Town	Mr. Ty Sokhun	Supply 24 hours per day
Kratie	Provincial Town of Kratie	Electricity of Kratie	Supply 24 hours per day
Pursat	Provincial Town of Pursat	Nareth Electricity Development Co., Ltd	Supply 24 hours per day
	Phsar Beungknar Town, Khum Beungknar, Bakan District	Mr. Chhuor Nguon	From 07:30 to 15:00 and From 18:00 to 22:00
	Khum Trapeang Chhohng, Bakan District	Mr. Toem Touch	From 09:00 to 17:00 and From 18:00 to 23:00
	Phsar Svaydounkeo Town, Bakan District	Mr. Ya Sambath	From 17:00 to 22:00
Preah Vihear	Provincial Town of Preah Vihear	Mr. Chan Thon	Supply 24 hours per day
Oddor Mean Chey	O Smach District Town	Duty Free Shop Co., Ltd	Supply 24 hours per day
Pailin	Phsar Prum Town	MSP Co., Ltd	Supply 24 hours per day

3.4.3 Electric Power Supply Services

Table 15: Summary Information on the Business of Electric Power Supply in the Kingdom of Cambodia for the Year 2003

Area of Service	Energy Dispatched and Purchased, Million kWh	Energy Sold, Million kWh	Losses in %	Number of Consumers
Phnom Penh	547.838	475.207	13.26	140,611
Provincial Towns	75.289	62.293	17.26	51,833
Areas Purchased Power from Vietnam	8.048	7.548	6.21	5,302
Areas Purchased Power from Thailand	50.229	46.214	8.00	8,119
Rural areas	11.255	7.774	30.92	26,099
Total	692.659	599.036	13.52	231,964

Table 16: Summary Information on the Business of Electric Power Supply of each Supplier in the Kingdom of Cambodia for the Year 2003

Suppliers (Licensees)	Area of Supply	Number of consumer	Energy generated and purchased, kWh	Energy sold, kWh	Losses in %
EDC	Phnom Penh	140,611	547,838,413	475,207,218	13.26
	Sihanouk ville	8,166	20,853,762	18,452,420	11.52
	Provincial Town of Siem Reap	9,580	22,925,852	19,129,625	16.56
	Provincial Town of Battambang	12,108	13,255,863	10,196,141	23.08
	Provincial Town of Takeo	2,483	2,047,160	1,848,036	9.73
	Provincial Town of Kampong Cham	4,999	6,845,436	5,469,064	20.11
	Ponhea Krek District Town	992	1,850,300	1,693,939	8.45
	Memut District Town	1,768	2,448,800	2,255,253	7.90
	Khum Bavet	1,209	3,579,500	3,452,888	3.54
	Kampong Trach District	1,333	169,100	146,099	13.60
Mr. Huor Pheng	Khum Balang, Baray District and Khum Kampong Thmar, Santuk District (Kampong Thom)	1,063	598,320	447,120	25.27
Franasie Import & Export Co., Ltd	Komrieng (Battambang Province)	288	2,303,124	2,066,816	10.26
	Phnom Proek (Battambang Province)	240	364,254	301,180	17.32
	Sampeu Loun (Battambang Province)	756	474,132	411,657	13.18
MSP Development co., Ltd	Phsar Prom Town (Krong Pailin)	1,104	3,218,440	3,080,605	4.28
Anco Brothers Co., Ltd	Ochraov District (Banteay Meanchey Province)	3,900	28,572,720	25,715,448	10
Chilbo Industrial(Cambodia) Co., Ltd	Provincial Town of Kampong Thom (Kampong Thom Province)	2,900	2,015,435	1,561,795	22.51
Mr. Mak Thorn	Phsar Tonlab Town, Kirivong District (Takeo Province)	650	265,200	159,120	40.00
Duty Free Shop Co., Ltd	Koh Kong Provincial Town	1,320	11,253,755	10,647,658	5.39
	Osmach Town (Oddor Meanchey Province)	511	4,043,180	3,990,138	1.31
Mr. Srey Sokhom	Phsar Samrong Yong Town, Khum Trapeang Sab, Baty District,	251	53,160	31,800	40.18

	(Takeo Province)				
Mr. Ke Kuyhuoy	Phsar Kampong Chrey Town, Trang District (Takeo Province)	139	41,472	26,952	35.01
Mrs. Bun Liv	Estern Neakleung, Peamro District (Prey Veng Province)	1,962	1,283,040	898,128	30.00
Mr. Ky Sophea	Phsar Snay Pol, Khum Roka, Pearang District (Prey Veng Province)	603	147,996	96,204	35.00
Mr. Te Kok Eng	Khum Treal Town, Baray District (Kampong Thom Province)	279	111,132	72,240	35.00
Mr. Chhour Lay	Phsar Preylvear Town, Khum Preylvea, Prey Kabas District, (Takeo Province)	152	63,504	41,280	35.00
Mr. Nov Sokha	Western Neakleung Town, Luek Dek District (Kandal Province)	729	500,352	325,224	35.00
Mr. Kong Phat	Phum Thmor Sor, Khum Korkpor, Boreychuolsa District (Takeo Province)	80	44,400	31,200	29.73
Mr. Khun Sambo	Phsar Prey Toteung Town, Prey Chhor district (Kampong Cham Province)	650	318,000	222,600	30.00
Mr. Chang Bunnaret	Phsar Phaav Town, Khum Paav, Batheay District (Kampong Cham Province)	258	73,200	51,600	29.51
Mr. Kuy Sour	Phsar Suong Town, Tbong Khmom District (Kampong Cham Province)	868	678,000	475,200	29.91
Mr. Samrith Sothy	Sre Ambil District Town (Koh Kong Province)	1,050	446,400	290,400	34.95
Mr. Sok Thy	Phsar Veal Rinh Town, Preynob district (Sihanoukville)	650	370,800	259,200	30.10
Mr. Ly Bunthy	Sangkat Tomnobrolok and Kompenh, Steung Hav District (Sihanoukville)	800	360,000	252,000	30.00
Mr. Chan Thon	Provincial Town of Preah Vihear (Preah Vihear Province)	550	49280	34,522	29.95
Mr. Nhen Kong	Phsar Tang Kok Town, Baray District (Kampong Thom Province)	330	103,200	73,200	29.07
Mr. Chhuor Nguon	Phsar Beungknar Town, Khum Beungknar, Bakan District (Pursat Province)	380	104,400	73,200	29.89
Mr. Toem Touch	Khum Trapeang Chhohng, Bakan District (Pursat Province)	220	108,000	75,600	30.00
Mrs. Chhuoy Poeut	Puork District Town (Siem Reap Province)	350	176,400	115,200	34.69
Mrs. Pauch Kim	Kar-Andoek Town, Khum Prasat, Kampong Trabek District (Prey Veng Province)	587	121,029	100,970	16.57

Mr. Kry Bunthong	Phar Rokakong Town, Mukkampoul District (Kandal Province)	850	230,400	156,000	32.29
Mr. Khut Bunpich	Phum Thnal Bek, Khum Svayteab, Chamkaleu District (Kampong Cham Province)	220	121,200	85,200	29.70
Mr. Kim Chantara	Phsar Baray Town, Khum Baray, Baray District (Kampong Thom Province)	295	112,800	79,200	29.79
Mrs. Mok Heat	Phsar Ponley Town, Khum Ponley, Boribor District (Kampong Chhnang Province)	230	68,400	48,000	29.82
Mr. Ty Sokhun	Kampong Tralach District Twon (Kampong Chhnang Province)	445	436,800	306,000	29.95
Mrs. Muy Kuan	Phum Trapeang Ropao, Khum Prekthnot, Kampot District (Kampot Province)	218	102,000	70,800	30.59
Mr. Lay Se	Thmor Kol Town, ThmorKol District (Battambang Province)	630	525,600	368,400	29.91
Mrs. Tong Kimsok	Phsar Chhouk Town, Chhouk District (Kampot Province)	600	126,000	87,600	30.48
Mr. Keo Dara	Phsar Kampong Popel Town, Peareang district (Prey Veng Province)	240	40,200	28,200	29.85
Mr. Seng Sokun	Phsar Svay Antor Town, Prey Veng District (Prey Veng Province)	260	85,800	60,000	30.07
Mr. Mom Dara	Phsar Skun Town, Khum Soteb, Chheung Prey district (Kampong Cham Province)	530	159,600	111,600	30.08
Mr. Chhom Sophay	Phsar Domdek Town, Khum Domdek, Sonikom District, Siem Reap	380	165,600	116,400	29.71
Mrs. Khiev Nareth	Tambon Treuy Sla, Sa Ang District (Kandal Province)	850	134,400	94,800	29.46
Reeco Company	Khum Prekthmey and Chheu Teal, Kean Svay District (Kandal Province)	-	-	-	-
Sovanny Electricity Devel. Co., Ltd	Provincial Town of Kampong Chhnang (Kampong Chhnang Province)	3,600	2,526,730	2,147,721	15.00
Nareth Electricity Devel. Co., Ltd	Provincial Town of Pursat (Pursat Province)	4,890	2,732,440	2,049,330	25.00
Mr. Long Nget	Phsar Thnal Toteung Town (Kandal) and Khum Trapaing Krong (Kampong Speu Province)	434	139,200	97,200	30.17
Mrs. Ouch Por	Phsar Sayva Town, Prey Kabas District (Takeo Province)	170	91,200	63,600	30.26
Mr. Park Hean	Phsar Preysandek Town, Khum Preyslek, Trang District (Takeo Province)	181	27,600	19,800	28.26

Mr. Sieng Khun	Phsar Bokhnor Town, Khum Boskhnor, Chamkaleur District (Kampong Cham)	468	105,600	74,400	29.55
Mrs. Heng Phearun	Phsar Steungtrang Town, Khum Prekak, Steung Trang District (Kampong Cham)	110	34,800	24,000	31.03
Mr. Lor Ngoun	Phsar Kampongkontourt Town, Kandalsteung District (Kandal Province)	200	87,600	61,200	30.14
Electricity of Kratie Province	Provincial Town of Kratie	2,557	2,037,120	1,404,064	31.08
Mr. Lim Sokhonn	Khum Mesorchrey, Steung Trang District (Kampong Cham Province)	250	114,000	80,400	29.47
Mr. Khoeun Sambath	Phsar Ang Snuol Town, Khum Peuk, Ang Snuol District (Kandal Province)	224	91,200	63,600	30.26
Mr. Keb Borey	Estern Phsar Prek Kdam Town, Ponhealeu District (Kanda Province)	170	48,000	31,200	35.00
Mr. Ong Hoksins	Stong District Town (Kampong Thom Province)	460	104,400	78,000	25.29
Mr. Ut Thy	Phsar Tram Khnar Town (Kampong Speu), and Khum Sophy (Takeo Province)	360	139,200	90,000	35.34
Mr. Chuo Sroan	Phsar Mean Town, Khum Mean and Trapaingpreah, Preychor District (Kampong Cham)	95	43,200	28,200	34.72
Mr. Pean Sokhalay	Phsar Prek Anhchang Town, Mokampoul District (Kandal Province)	350	74,400	51,600	30.65
Mr. Sok Hoy	Phsar Trapaing Kraleung Town, Phnom Sruoch District (Kampong Speu)	200	66,000	46,200	30.00
Mrs. Tuoch Montha	Khum Phnom Sampao, Banan District (Battambang Province)	365	86,400	60,600	29.86
Mr. Nob Ben	Rattanakmondul District Town (Battambang Province)	420	124,800	87,000	30.29
Mr. Bou Boeun	Phum Poysamrong, Khum Tapoung, Tmorkol District (Battambang Province)	95	26,400	18,600	29.55
Mr. Heng Tray	Southern Phsar Saang Town, Khum Preakkoy, Saang District (Kandal Province)	688	259,200	181,800	29.86
Mr. Ya Sambath	Phsar Svaydounkeo Town, Bakan District (Pursat Province)	120	32,400	22,800	29.63
Mr. Treung San	Phsar TangKrorSang Town, Santuk District (Kampong Thom Province)	260	90,600	59,400	34.44

Mr. Mean Vanna	Phsar Svayteap Town, Khum Svayteap, Chamkaleu District (Kampong Cham Province)	180	94,200	61,200	35.03
Mr. Chhay Kimhuor	Phsar Speu Town, Khum Speu and Chayyo, Chamkaleu District (Kampong Cham Province)	300	86,400	56,400	34.72
Mr. Quach Edward	Phsar Otdong Town, Khum Viangchas, Otdong District (Kampong Speu Province) and Khum Vihearlung, Punnhea Leu (Kandal Province)	400	371,400	241,800	34.89
Mr. Loch Hing	Phsar Osnguot Town, Monkulborey District (Bantaymeanchey Province)	170	115,800	81,600	29.53
Mr. Vorn Yeang	Phsar Kutasat Town, Khum Nimit and Kob, Ochrov District (Bantaymeanchey Province)	140	52,200	36,600	29.89
Mr. Thon Theung	Phsar Phnomtouch Town, Monkulborey District (Bantaymeanchey Province)	250	97,200	68,400	29.63
Mr. Sok Vitith	Phsar Banteayneang Town, Monkulborey District (Bantaymeanchey Province)	230	44,400	31,200	29.73
Mr. Moun Han	Phnomsrok District Town (Bantaymeanchey Province)	240	64,800	45,600	29.63
Mr. Ly Sokry	Phsar Trengtra Yeung Town, Phnomsroch District (Kampong Speu)	330	114,000	80,400	29.47
Mr. Toung Yeun	Phsar Tnalchek Town, Khum Keangsangke and Damdeak, Sotnikum District (Siem Reap Province)	150	52,800	33,600	36.36
Mr. Mok Chen	Phsar Pangsey Town, Samrong District (Takeo Province) and Khum Tuol Ampil, Borset District (Kampong Speu)	140	34,800	22,800	34.48
Mr. Soem Sokha	Phsar Tnaltoteung Town, Khum Chob, Tbongkhmom District (Kampong Cham)	150	63,600	44,400	30.19

The data for Sovanny Electricity Devel. Co., Ltd and Nareth Electricity Devel. Co., Ltd in the above table is for the period license was issued to them. Reeco Company has not started its operation during 2003.

3.4.4 Electricity Tariff

While issuing licenses to existing suppliers, EAC allowed them to continue to sell electricity to the consumers with their existing tariffs. However EAC fixed the tariff for new licensees. The detail information on the electricity tariff of the licensees applicable during year the 2003 is shown in the following table:

Table 17: Tariff of EDC for Phnom Penh and Kandal Province

Category of Consumer	Description	Riels/ kWh
Domestic	Consumption up to 50 kWh/Month	350
	Consumption between 51 and 100 kWh/Month	550
	Consumption more than 101 kWh/Month	650
Government Institutions		700
Embassy, NGO, Foreigner's Residence		800
Commercial and Service Sector	Small	650
	Medium	550
	Big	500
	Medium Voltage	480
Industrial	Small	600
	Medium	550
	Big	500
	Medium Voltage	480
The four types of Commercial and Industrial Customers are defined as follows.		
Small - The Customer who is connected to the public LV network of 220V or 380V.		
Medium - The Customer who is directly connected to MV/LV Substation by separate LV feeder and has installed their metering system on this feeder and guarantees a monthly minimum take of 20,000 kWh		
Big - The Customer who has separate substation or partly uses the capacity of public substation and has metering system indoors or adjacent to their substation and guarantees a monthly minimum take of 50,000 kWh.		
Medium Voltage - The Customer who is directly connected to MV network with MV metering and guarantees a monthly minimum take of 80,000 kWh.		

Table 18: Tariff at Provincial Towns, City and Big Center Towns in the Kingdom of Cambodia for the Year 2003

Licensees	Areas	Description	Tariff		
			Riels/ kWh	US Cents/ kWh	
EDC	Sihanoukville				
	Domestic		500		
	Industrial	Consumption up to 20,000 kWh/Month			17.5
		Consumption 20,001 to 50,000 kWh/Month			
		Day Hours			16.0
		Night Hours			17.5
		Consumption 50,001 to 110,000 kWh/Month			
		Day Hours			14.7
		Night Hours			17.5
		Consumption more than 110,000 kWh/Month			
		Day Hours			13.5
		Night Hours			17.5
	Commercial	Consumption up to 20,000 kWh/Month			19.5
		Consumption 20,001 to 50,000 kWh/Month			18.0
		Consumption 50,001 to 110,000 kWh/Month			16.4
		Consumption more than 110,000 kWh/Month			15.0
	Hotels, House rented by foreigners	Consumption up to 20,000 kWh/ Month			20.0
		Consumption 20,001 to 50,000 kWh/ Month			18.4
		Consumption 50,001 to 110,000 kWh/ Month			17.0
		Consumption more than 110,000 kWh/Month			16
	Embassy and Government Institutions		760		
	Day Hours = 00 to 18 Hours; Night Hours = 18 to 24 Hours				
	Provincial Town of Siem Reap	Consumption up to 20,000 kWh/Month		880	
		Consumption 20,001 to 50,000 kWh/Month			19.3
		Consumption 50,001 to 110,000 kWh/Month			17.6
		Consumption more than 110,000 kWh/Month			16.2
	Provincial Town of Kampong Cham	All Categories		850	
	Provincial Town of Battambang	All Categories			24.5
	Provincial Town of Takeo	All Categories		900	
	Memot, Pohnea Krek and Bavet	Low Voltage		650	16.0
Medium Voltage			-	11.5	

Table 19: Tariff at Rural Areas in the Kingdom of Cambodia for the Year 2003

Areas	Licensees	Tariff, Riels/kWh
Khum Balang, Baray District and Khum Kampong Thmar, Santuk District, Kampong Thom Province	Mr. Huor Pheng	1400 Riels
Komrieng Town, Battambang Province	Franasie Import & Export Co., Ltd	500 Riels for MV Consumers - Hotels 600 Riels for LV Consumers 450 Riels for Casino
Phnom Proek Town, Battambang Province		750 Riels
Sampeu Loun Town, Battambang		750 Riels
Phsar Prom Town, Krong Pailin	MSP Development Co., LTD	500Riels for MV Consumers 600 Riels for LV consumers
Ochrov District, Banteay Meanchey Province	Anco Brothers Co., Ltd	600 Riels for LV consumers 500Riels for Medium Consumers 430 Riels for Big Consumers
Provincial Town of Kampong Thom	Chilbo Industrial (Cambodia) Co., Ltd	950 Riels
Phsar Tonlab Town, Kirivong District, Takeo Province	Mr. Mak Thorn	1400 Riels
Koh Kong Provincial Town and Osmach Town, Oddor Meanchey Province	Duty Free Shop Co., Ltd	600 Riels for LV Consumers 500Riels for Government Institutions 300 Riels for own company
Phsar Samrong Yong Town, Khum Trapeang Sab, Baty District, Takeo Province	Mr. Srey Sokhom	2000 Riels
Phsar Kampong Chrey Town, Trang District, Takeo Province	Mr. Ke Kuyhuoy	2000 Riels for consumption more than 20 kWh/Month 2300Riels for consumption from 5 to 20 kWh/Month 2500 Riels for consumption less than 5 kWh/Month
Estern Neakleung, Peamro District, Prey Veng Province	Mrs. Bun Liv	1200Riels for all Consumers 1000 Riels for Ferry Station only
Phsar Snay Pol, Khum Roka, Pearang District, Prey Veng Province	Mr. Ky Sophea	1500 Riels for consumption more than 10 kWh/Month 1700 Riels for consumption less than 10 kWh/Month
Khum Treal Town, Baray District (Kampong Thom)	Mr. Te Kok Eng	2000 Riels
Phsar Preylvear Town, Khum Preylvear, Prey Kabas District, Takeo Province	Mr. Chhour Lay	1500 Riels for consumption more than 50 kWh/Month 1800 Riels for consumption from 30 to 50 kWh/Month

		2000 Riels for consumption less than 30 kWh/Month
Western Neakleung Town, Luek Dek District, Kandal Province	Mr. Nov Sokha	1200 Riels for all Consumers 1000 Riels for Ferry Station only
Phum Thmor Sor, Khum Korkpor, Boreychuolsa District, Takeo Province	Mr. Kong Phat	5000 Riels/Month for the consumption of a 20 W lamp 10,000 Riels/Month for the consumption of a TV 2000 Riels for consumption by meter
Phsar Prey Toteung Town, Prey Chhor district, Kampong Cham Province	Mr. Khun Sambo	1920 Riels for consumption more than 100 kWh/Month 1400 Riels for consumption less than 100 kWh/Month
Phsar Phaav Town, Khum Paav, Batheay District (Kampong Cham Province)	Mr. Chang Bunnaret	1800 Riels for consumption more than 20 kWh/Month 1900Riels for consumption from 10 to 19 kWh/Month 2000 Riels for consumption less than 10 kWh/Month
Phsar Suong Town, Tbong Khmom District (Kampong Cham Province)	Mr. Kuy Sour	1500 Riels for consumption more than 90 kWh/Month 1700 Riels for consumption less than 90 kWh/Month
Sre Ambil District Town (Koh Kong Province)	Mr. Samrith Sothy	1500 Riels
Phsar Veal Rinh Town, Preynob district (Sihanoukville)	Mr. Sok Thy	1500 Riels
Sangkat Tomnobrolok and Kompenh, Steung Hav District (Sihanoukville)	Mr. Ly Bunthy	1500 Riels
Provincial Town of Preah Vihear (Preah Vihear Province)	Mr. Chan Thon	1500 Riels
Phsar Tang Kok Town, Baray District (Kampong Thom Province)	Mr. Nhen Kong	1600 Riels
Phsar Beungknar Town, Khum Beungknar, Bakan district (Pursat Province)	Mr. Chhuor Nguon	2000 Riels for consumption more than 10 kWh/Month 2500 Riels for consumption less than 10 kWh/Month
Khum Trapeang Chhonhg, Bakan District (Pursat Province)	Mr. Toem Touch	1500 Riels for consumption more than 100 kWh/Month 1800Riels for consumption from 5 to 100 kWh/Month 2500 Riels for consumption less than 5 kWh/Month
Puork District Town (Siem Reap Province)	Mrs. Chhuoy Poeut	2000 Riels
Kar-Andoek Town, Khum Prasat, Kampong Trabek District (Prey Veng Province)	Mrs. Pauch Kim	1200 Riels
Phar Rokakong Town, Mukkampoul District (Kandal Province)	Mr. Kry Bunthong	1800 Riels
Phum Thnal Bek, Khum Svayteab, Chamkaleu District (Kampong Cham Province)	Mr. Khut Bunpich	2400 Riels
Phsar Baray Town, Khum Baray, Baray District (Kampong Thom Province)	Mr. Kim Chantara	1600 Riels
Phsar Ponley Town, Khum Ponley, Boribor District (Kampong	Mrs. Mok Heat	1700 Riels

Chnang Province)		
Kampong Tralach District Twon (Kampong Chnnang Province)	Mr. Ty Sokhun	1800 Riels for consumption more than 101 kWh/Month 2000 Riels for consumption less than 100 kWh/Month
Phum Trapeang Ropao, Khum Prekthnot, Kampot District (Kampot Province)	Mrs. Muy Kuan	2000 Riels
Thmor Kol Town, ThmorKol District (Battambang Province)	Mr. Lay Se	15 Bahts for consumption more than 11 kWh/Month 19 Bahts for consumption lower than 11 kWh/Month
Phsar Chhouk Town, Chhouk District (Kampot Province)	Mrs. Tong Kimsok	1500 Riels
Phsar Kampong Popel Town, Peareang district (Prey Veng Province)	Mr. Keo Dara	1700 Riels
Phsar Svay Antor Town, Prey Veng District (Prey Veng Province)	Mr. Seng Sokun	1600 Riels
Phsar Skun Town, Khum Soteb, Chheung Prey district (Kampong Cham Province)	Mr. Mom Dara	2000 Riels
Phsar Domdek Town, Khum Domdek, Sonikom, Siem Reap	Mr. Chhom Sophay	2600 Riels
Tambon Treuy Sla, Sa Ang District (Kandal Province)	Mrs. Khiev Nareth	1600 Riels
Khum Prekthmey and Chheu Teal, Kean Svay District (Kandal Province)	Reeco Company	650 Riels
Provincial Town of Kampong Chnnang (Kampong Chnnang Province)	Sovanny Elec.Devl.Co.,Ltd	1200 Riels
Provincial Town of Pursat (Pursat Province)	Nareth Elec.Devl.Co.,Ltd	1200 Riels
Phsar Thnal Toteung Town (Kandal) and Khum Trapaing Krong, Somrong Trong District (Kampong Speu Province)	Mr. Long Nget	1600 Riels
Phsar Sayva Town, PreyKabas District (Takeo Province)	Mrs. Ouch Por	1700 Riels for consumption more than 40 kWh/Month 2000 Riels for consumption less than 40 kWh/Month
Phsar Preysandek Town, Khum Preyslek, Trang District (Takeo Province)	Mr. Park Hean	7000 Riels/Month for the consumption of a 20 W lamp 2000 Riels for consumption more than 10 kWh/Month 2300Riels for consumption from 4 to 10 kW/Month 3000 Riels for consumption less than 4 kWh/Month
Phsar Bokhnor Town, Khum Boskhnor, Chamkaleur District (Kampong Cham)	Mr. Sieng Khun	2400 Riels
Phsar Steungtrang Town, Khum Prekak, Steung Trang District	Mrs. Heng Phearun	0.6 US\$ for consumption more than 5 kWh/Month

(Kampong Cham)		0.7 US\$ for consumption less than 5 kWh/Month
Phsar Kampongkontourt Town, Kandalsteung District (Kandal Province)	Mr. Lor Ngoun	2000 Riels
Provincial Town of Kratie	Electricity of Kratie Province	1200 Riels
Khum Mesorchrey, Steung Trang District (Kampong Cham Province)	Mr. Lim Sokhonn	0.6 US\$
Phsar Ang Snuol Town, Khum Peuk, Ang Snuol District (Kandal Province)	Mr. Khoeun Sambath	1300 Riels for consumption more than 100 kWh/Month 1500 Riels for consumption less than 100 kWh/Month
Estern Phsar Prek Kdam Town, Ponhealeu District (Kanda Province)	Mr. Keb Borey	2000 Riels for consumption more than 5 kWh/Month 2500 Riels for consumption less than 5 kWh/Month
Stong District Town (Kampong Thom Province)	Mr. Ong Hoksine	1600 Riels
Phsar Tram Khnar Town, Chungruk and Sophy District (Kampong Speu and Takeo Province)	Mr. Ut Thy	2000 Riels
Phsar Mean Town, Khum Mean and Trapaingpreah, Preychor District (Kampong Cham)	Mr. Chuo Sroan	1600 Riels for consumption more than 10 kWh/Month 1800 Riels for consumption less than 10 kWh/Month
Phsar Prek Anhchang Town, Mokampoul District (Kandal Province)	Mr. Pean Sokhalay	1800 Riels
Phsar Trapaing Kraleung Town, Phnom Sruoch District (Kampong Speu)	Mr. Sok Hoy	1800 Riels
Khum Phnom Sampao, Banan District (Battambang Province)	Mrs. Tuoch Montha	2500 Riels for consumption more than 3 kWh/Month 3000 Riels for consumption 2 kWh/Month 3500 Riels for consumption 1 kWh/Month
Rattanakmondul District Town (Battambang Province)	Mr. Nob Ben	2600 Riels
Phum Poysamrong, Khum Tapoung, Tmorkol District (Battambang Province)	Mr. Bou Boeun	25 Bahts for consumption more than 7 kWh/Month 30 Bahts for consumption lower than 7 kWh/Month
Southern Phsar Saang Town, Khum Preakkoy, Saang District (Kandal Province)	Mr. Heng Tray	1800 Riels for consumption more than 100 kWh/Month 2000 Riels for consumption less than 100 kWh/Month
Phsar Svaydounkeo Town, Bakan District (Pursat Province)	Mr. Ya Sambath	2300 Riels
Phsar TangKrorSang Town, Santuk District (Kampong Thom Province)	Mr. Treung San	1800 Riels
Phsar Svayteap Town, Khum Svayteap, Chamkaleu District	Mr. Mean Vanna	0.6 US\$

(Kampong Cham Province)		
Phsar Speu Town, Khum Speu and Chayyo, Chamkaleu District (Kampong Cham Province)	Mr. Chhay Kimhuor	2400 Riels for consumption more than 3 kWh/Month 4000 Riels for consumption less than 3 kWh/Month
Phsar Otdong Town, Khum Viangchas, Otdong District (Kampong Speu Province) and Khum Vihearlung, Punnhea Leu (Kandal Province)	Mr. Quach Edward	1800 Riels
Phsar Osnguot Town, Monkulborey District (Bantaymeanchey Province)	Mr. Loch Hing	25 Bahts for consumption more than 10 kWh/Month 30 Bahts for consumption less than 10 kWh/Month
Phsar Kutasat Town, Khum Nimit and Kob, Ochrov District (Bantaymeanchey Province)	Mr. Vorn Yeang	3000 Riels for consumption more than 3 kWh/Month 3200 Riels for consumption lower than 3 kWh/Month
Phsar Phnomtouch Town, Monkulborey District (Bantaymeanchey Province)	Mr. Thon Theung	25 Bahts for consumption more than 20 kWh/Month 30 Bahts for consumption less than 20 kWh/Month
Phsar Banteayneang Town, Monkulborey District (Bantaymeanchey Province)	Mr. Sok Vitith	25 Bahts
Phnomsrok District Town (Bantaymeanchey Province)	Mr. Moun Han	25 Bahts for consumption more than 3 kWh/Month 30 Bahts for consumption less than 3 kWh/Month
Phsar Trengtra Yeung Town, Phnomsroch District (Kampong Speu)	Mr. Ly Sokry	1800 Riels
Phsar Tnalchek Town, Khum Keangsangke and Damdeak, Sotnikum District (Siem Reap Province)	Mr. Toung Yoeun	0.6 US\$
Phsar Pangsey Town, Samrong District (Takeo Province) and Khum Tuol Ampil, Borset District (Kampong Speu)	Mr. Mok Chen	7000 Riels/Month for the consumption of a 20 W lamp 12,000 Riels/Month for the consumption of a 20 W lamp Plus a TV14 ; and 2000 Riels
Phsar Tnaltoteung Town, Khum Chob, Tbongkhmom District (Kampong Cham)	Mr. Sem Sokha	2000 Riels for consumption more than 10 kWh/Month 2500 Riels for consumption less than 10 kWh/Month

(Remark: Exchange Rate: 1USD = 4000 Riels)