

**ELECTRICITY AUTHORITY
OF CAMBODIA**

**REPORT
ON
POWER SECTOR OF
THE KINGDOM OF CAMBODIA
FOR THE YEAR 2007**

Compiled by EAC

September, 2008

Preface

The fourth Annual Report on Power Sector of the Kingdom of Cambodia is compiled from informations received from the licensees. This report is for dissemination to the Royal Government, institutions, investors and public desirous to know about the present situation of the power sector of the Kingdom of Cambodia.

This report is compiled from information collected by EAC and information taken from licensees' annual summary report on their activities during last year. Till the end of year 2007, 180 licensed electricity service providers share about 97% of power market in the kingdom of Cambodia. Among them the EDC, the distribution licensees, the licensees supplying electricity in provincial towns and other big towns manage the service well, and keep their operational records to the required level of quality. Most of the small licensees supplying electricity in rural areas, cannot manage their operation at the required level, causing many inaccuracies in their data record. However as the power market share of this group of licensees is small (less than 2%); this will not materially affect the overall accuracy of the data furnished in this report. However, EAC gives special attention to the collection of the data done by it from these licensees and trains them to record the required data correctly as the data is important in assessing the real situation of rural electrification.

This annual report on power sector is presented in the same format as the 2006 report. In the future reports, EAC will try to provide additional information such as financial information or information on rural electrification and development of power sector in the Kingdom of Cambodia. Any comments or suggestions from Royal Government, institutions, investors or public are welcome and will be considered by EAC to publish more useful reports in future reflecting the actual situation of the sector.

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

Chairman
Electricity Authority of Cambodia

Table of Contents

CHAPTER 1 Basic Law and Regulations in Power Sector Management in the Kingdom of Cambodia	6
1.1 Electricity Law of the Kingdom of Cambodia	6
1.2 Responsibilities of Ministry of Industry, Mines and Energy and Electricity Authority of Cambodia in Power sector	7
1.3 Duties of the Electricity Authority of Cambodia in the Power sector	8
1.3.1 Regulation of the Electric Power Services	9
1.3.2 Governance of the relation between the Delivery, Receiving and Use of Electricity	9
1.3.3 Legal Documents for Governing and Regulating Electric Power Services and use of Electricity	10
CHAPTER 2 Information on Electricity Authority of Cambodia – the Regulator for the Power Sector in the Kingdom of Cambodia	14
2.1 Regulator in Power Sector	14
2.2 Organisation of Electricity Authority of Cambodia	14
2.3 The Budget of EAC and License Fees	15
2.4 Financial Statements of EAC	15
CHAPTER 3 General Information	18
3.1 Introduction	18
3.2 Electric Power Sector during 2007 in Cambodia	18
3.3 Development till 2007	19
3.3.1 Interim Solution for Phnom Penh City	19
3.3.2 Interim Solution for other cities and provincial towns	20
3.3.3 Interim Solution for other remote areas	23
3.4-Power Supply development plan in Cambodia from 2008 to 2022	23
3.5 Rural Electrification Fund	32
3.6 Specific Requirements of Electric Power Technical Standards (SREPTS)	33
CHAPTER 4 Information on Licenses and Licensees in the Kingdom of Cambodia.	35
4.1 Licenses for Providing Electric Power Services	35
4.2 Licenses issued and Revoked	36
4.3 Revision of Licenses	40
4.4 Licenses in operation during 2007	40
4.5 Efforts of Government of Cambodia, Rural Electrification Fund and EAC to assist Licensees	40
4.6 Improvements in the operation of Electric Power Services	40
CHAPTER 5 Cost of Electricity from Independent Power Producers and Import from Neighboring Countries and Electricity Tariff of Licensees	45
5.1 Cost of Electricity from Independent Power Producers	45
5.2 Cost of Electricity per kWh Imported from Neighboring Countries	46
5.3 Electricity Tariff for Purchases from Neighboring Licensees	47
5.4 Electricity Tariff	48
5.4.1 Electricity Tariff of Licensees approved and revised by EAC	48
5.4.2 Tariff of EDC for Phnom Penh and Kandal Province	48
5.4.3 Electricity Tariff of EDC at Provincial Towns, Cities and Town Centers	52
5.4.4 Electricity Tariff for electricity supply areas of other licensees	54
CHAPTER 6 Report on Generation, Import, Transmission and Supply of Electricity	56
6.1 Electricity Generation and Installed Capacity	56
6.1.1 Generation by Licensee category	56
6.1.2 Generation by Type of Generation Facilities	57
6.1.3 Generation by Capacity of Generation Plant	57
6.1.4 Installed Capacity in all 24 cities/Provinces	57
6.2 Energy Imported from Neighboring Countries	58

Electricity Authority of Cambodia	
6.3 Electricity Purchase from neighbouring licensed zone	60
6.4 Electricity Transmission	60
6.4.1 High Voltage Transmission and Grid-Substation	60
6.4.2 Energy Transmitted	62
6.5 Electricity Distribution	62
6.5.1 Electricity Distribution Facilities	62
6.5.2 Energy Sold and Number of Consumers	63
Annex 1 Province wise Area of supply served by Distribution, Retail and Consolidated Licensees at the end of Year 2007	65
Annex 2(a) Summary Information about Energy Sent out and Installed Capacity.....	78
Annex 2(b) Summary Information about Generation Facilities and Energy Sent-out classified by Generation Type.....	78
Annex 2(c) Summary Information about Energy Sent-out classified by Generation Plant Size	79
Annex 3 Information on Generation Licensees	80
Annex 4 Summary Information on Distribution Licensees for year 2007.....	82
Annex 5 Summary Information on Electricité du Cambodge for year 2007.....	84
Annex 6 Information on Consolidated and Retail Licensees for year 2007.....	85
Annex 7 Information on Licenses not valid at the end of year 2007	91
Annex 8 Tariffs of Licensees at end of year 2007	92
Annex 9 List of khums being supplied by Licensees at end of year 2007	116

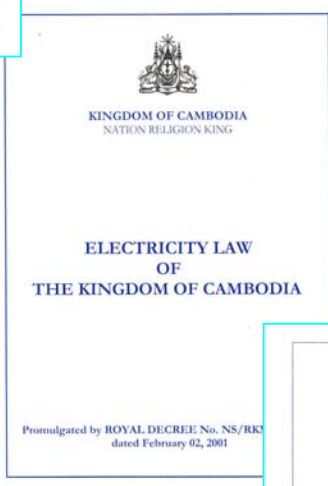
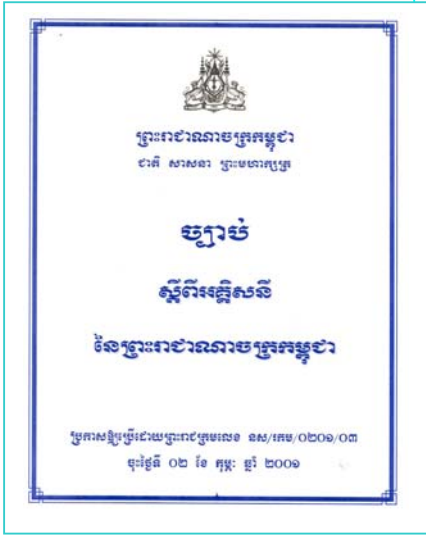
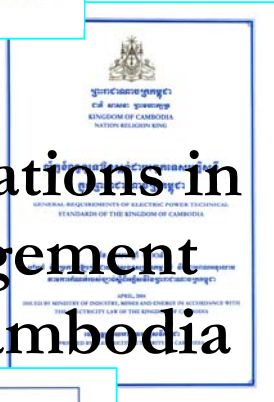
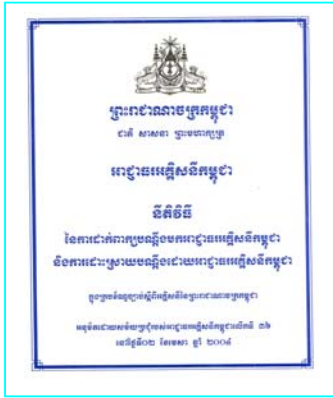
List of Table

Table 1: Legal Documents for Governing and Regulating Electric Power Services and use of Electricity.....	10
Table 2: Legal Documents Prepared and put into Force for Managing and Regulating Provision of Services and Use of Electricity	11
Table 3: License Fees to be paid by Licensees	15
Table 4: Income statement Reports for the years 2005- 2006	16
Table 5: Projects implemented for Phnom Penh	19
Table 6: Projects implemented for other cities, provincial towns and main towns.....	20
Table 7: Number of Licenses issued each year	37
Table 8: Types and Number of Licenses	37
Table 9: Current Term of Licenses	38
Table 10 : Licenses not in operation in 2007	38
Table 11: Number of different types of Licensees operating in each Province/City.....	39
Table 12 : Information on Improvement of Distribution Facilities by Small Licensees	41
Table 13: Cost of Electricity per kWh from Independent Power Producers	45
Table 14: Cost of Electricity per kWh from Thailand.....	47
Table 15: Electricity Tariff of Licensees approved by EAC during 2007.....	51
Table 16: Tariff of EDC for Phnom Penh and Kandal Province	52
Table 17: Electricity Tariff of EDC for Provincial Town of Kampong Speu	51
Table 18: Tariff of EDC for Phnom Penh and Kandal Province and Provincial Town of Kampong Speu for Commercial and Industrial Consumers	52
Table 19: Electricity Tariff of EDC for Sihanoukville	53
Table 20: Electricity Tariff of EDC for Provincial Town of Siem Reap	53
Table 21: Electricity Tariff of EDC for other Provincial Towns and Town Centers	53
Table 22: Information on total installed generation capacity of Licensees in each City/Province ..	58
Table 23: Contracted capacity and Energy Imported from Neighboring Countries.....	59

Electricity Authority of Cambodia

Table 24: Energy Purchased from neighboring Licensees	60
Table 25: Information about High Voltage Transmission Lines	61
Table 26: Information about High Voltage Grid-Substation	61
Table 27: Energy Transmitted.....	62
Table 28: Information on Electricity Distribution Facilities	63
Table 29: Information on energy generated and purchased, energy sold, proportion losses and number of consumers classified by area of supply.....	63

Chapter 1



Basic Law and Regulations in Power Sector Management in the Kingdom of Cambodia

CHAPTER 1

Basic Law and Regulations in Power Sector Management in the Kingdom of Cambodia

1.1 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 attract private investors to participate in the development of the power sector in 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 to be consistent with the Constitution by the Constitutional Council on January 15, 2001. 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 Electricity 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.

Electricity Authority of Cambodia

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.

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 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 service providers as well as the consumers in order to establish fair condition in the business and the use of electricity.

At last, the Electricity 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 liaison 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 Responsibilities 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 EAC has started its operation, the governing of the power sector in the Kingdom of Cambodia shall be bifurcated, 1-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 2-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 for setting the technical standards for the power sector.

While 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:

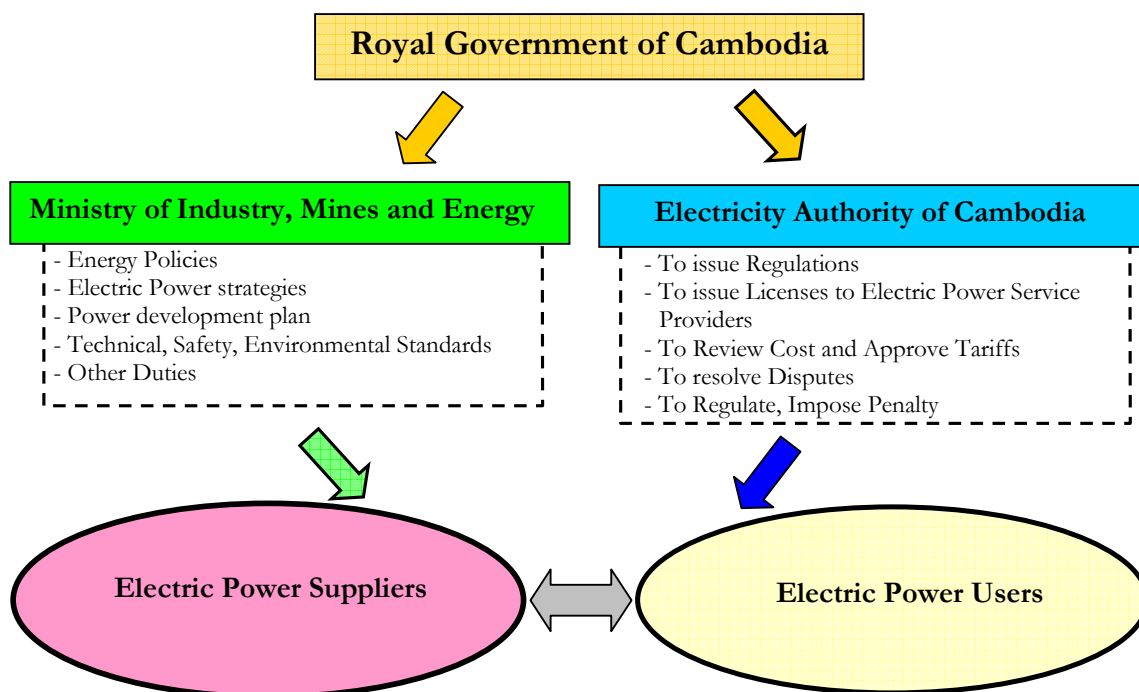


Figure 1: Separation of role between MIME and EAC

1.3 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.

1.3.1 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. 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 direct the service provider, to modify or cease such activity which affects the service being performed efficiently, qualitatively, sustainable and in a transparent manner. The guiding action or direction to revise or cease any activity is to be carried out in public interest and to protect the interest of the consumers.

1.3.2 Governance of 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 the 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;

Electricity Authority of Cambodia

- (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.

1.3.3 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 in Table 1 below:

Table 1: Legal Documents for Governing and Regulating Electric Power Services and use of Electricity

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	Declaration (Prakas) and Decisions of the Ministry of Industry, Mines

of Ministry Class	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: <ul style="list-style-type: none"> - 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 framework of the Electricity Law. 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 the year 2006 are shown in the table 2 below:

Table 2: Legal Documents Prepared and put into Force for Managing and Regulating Provision of Services and Use of Electricity

No.	Name of Standard Documents	Promulgated by	Date Promulgated
1	Electricity Law of the Kingdom of Cambodia	The King	February 2, 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	December 27, 2001
3	Procedures for Issuing, Revising, Suspending, Revoking, or Denying Licenses Revision 1 Revision 2	Electricity Authority of Cambodia	September 14, 2001 December 12, 2002 March 16, 2004
4	Regulations on General Conditions of supply of Electricity in the Kingdom of Cambodia Revision 1	Electricity Authority of Cambodia	January 17, 2003 December 17, 2004
5	Regulatory Treatment of Extension of Transmission and Distribution Grid in the Kingdom of Cambodia	Electricity Authority of Cambodia	October 28, 2003
6	Regulations on Overall Performance Standards for Electricity Suppliers in the Kingdom of Cambodia	Electricity Authority of Cambodia	April 2, 2004

Electricity Authority of Cambodia

7	Procedure for Filing Complaint to EAC and for Resolution of Complaint by EAC	Electricity Authority of Cambodia	April 2, 2004
8	General Requirements of Electric Power Technical Standards of the Kingdom of Cambodia	Ministry of Industry, Mines and Energy	August 16, 2004
9	Sub-Decree on Creation of Rural Electricity Fund of the Kingdom of Cambodia	The King	December 4, 2004
10	Sub-Decree on Principles for Determining the Reasonable Cost in Electricity Business	Royal Government	April 8, 2005
11	Prokas on Principles and Conditions for issuing Special Purpose Transmission License in the Kingdom of Cambodia	Ministry of Industry, Mines and Energy	July 21, 2006
12	Specific Requirements of Electric Power Technical Standards of the Kingdom of Cambodia	Ministry of Industry, Mines and Energy	July 17, 2007
13	Regulations on General Principles for Regulating Electricity Tariffs in the Kingdom of Cambodia	Electricity Authority of Cambodia	October 26, 2007
14	Procedures for Data Monitoring, Application, Review and Determination of Electricity Tariff	Electricity Authority of Cambodia	October 26, 2007

The contents of the legal documents stated in table 2 above, are available at EAC website www.eac.gov.kh.

Chapter 2



Information on Electricity Authority of Cambodia – the Regulator for the Power Sector in the Kingdom of Cambodia

CHAPTER 2
Information on Electricity Authority of Cambodia –
the Regulator for the Power Sector in the Kingdom of Cambodia

2.1 Regulator in Power Sector

According to the Electricity Law, the Electricity Authority of Cambodia (EAC) shall consist of 3 (three) members. The members of EAC shall be designated and proposed by the Prime Minister and shall be appointed by the Royal KRET. During the year 2007, 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. Sam Oeun Kim Hoeun**, Second Vice-Chairman

2.2 Organization of Electricity Authority of Cambodia

As provided 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.

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 specialized departments under it. This secretariat consists of four departments for performing the works in their specialized fields separately and they are 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.

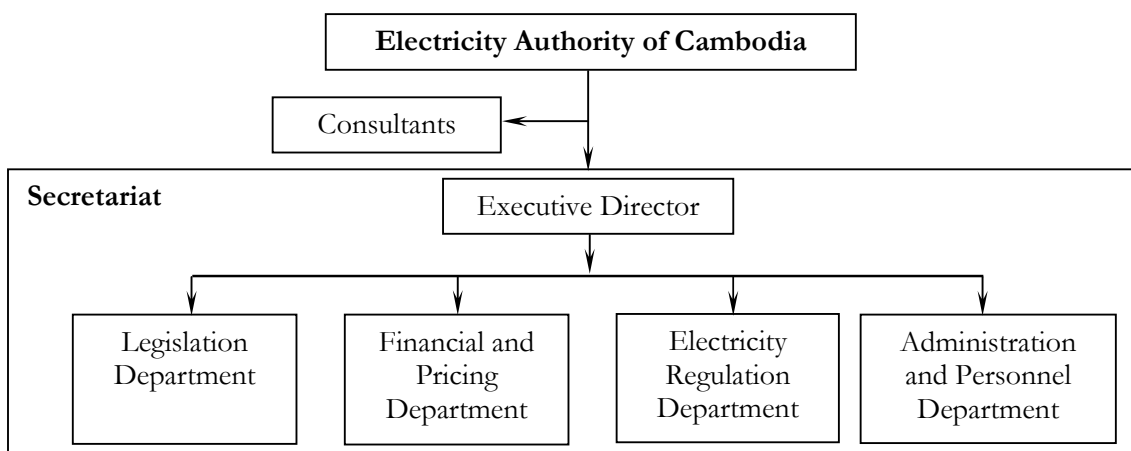


Figure 2: Organization chart of EAC

2.3 The Budget of EAC and 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 payment of license fees. Article 27 of the Electricity Law provides that EAC shall have an autonomous budget for its operation. This budget shall come through License Fees paid by applicants and licensees as determined by EAC. 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”.

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 2007, EAC has determined the license fees to be paid by licensees vide Notification No. 010SR-07-EAC dated February 8, 2007. The license fees determined for the year 2005 to 2007 are given in Table 3 below.

Table 3: License Fees to be paid by Licensees

Type	Riel per kWh		
	Year 2005	Year 2006	Year 2007
Generated or Power Purchased from any other Country	1.50	1.40	1.30
Transmission	0.50	0.50	0.50
Distribution and Sale	0.90	0.70	0.60
Retail	0.50	0.40	0.30
Other services license fee	0.1%	0.1%	0.1%

2.4 Financial Statements of EAC

The Electricity Law provides that the annual financial statement, together with the accounting books of the Authority and related records shall be audited by auditor and inspected by the National Audit Authority. Within 1 (one) month after auditing, the Authority shall submit all reports to the Prime Minister for approval, and shall publish the approved reports to the public. The audited statement for the year 2007 is not available till now. The audited income statement of Electricity Authority of Cambodia for the years 2005 and 2006 is given below.

Table 4: Income statement Reports for the years 2005 and 2006(After Audit)
All figures in Riels

	2005	2006
<u>Revenues</u>		
License Fees	2,120,141,900	2,328,794,300
Application Fees	2,850,000	10,100,000
Adjustment License Fees	1,358,200	347,182,250
Other Revenue		556,905
Transfer fund from Project		9,405,201
Total Revenues	2,124,350,100	2,696,038,656
<u>Expenses</u>		
Fixed Assets	309,266,680	126,807,818
Salary	757,724,500	884,056,100
General Administration	997,981,252	1,387,004,207
Total Expenses	2,064,972,431	2,397,868,125
Opening Balance	326,044,145	385,421,814
Income	2,124,350,100	2,696,038,656
Expenditure	2,064,972,431	2,397,868,125
Surplus/Deficit (Income-Exp)	59,377,668	298,170,531
Closing Balance	385,421,814	683,592,345

Chapter 3

General Information

CHAPTER 3

General Information

3.1 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. In Cambodia 84% of population live in rural areas where many public services are not available, especially electricity service. The rural electrification strategy sets the goal: by year 2020 all villages have access to electricity of at least one of different forms, including access to mini-grid and off-grid electricity. Potential of hydropower in Cambodia is high (more than 10,000 Megawatts) and has more certainty of development compared to other energy resources like petroleum and gas whose development is in the initial stages at present. To ensure a sustainable development of power sector Royal Government of Cambodia worked out an electrification master plan, which provides for (1) electricity generation development including hydropower resources development and development of coal or gas power plant, (2) electricity import to coordinate the development of the border zones of the Kingdom and (3) the development of transmission grid throughout the country in order to establish the electricity transmission system of Cambodia..

3.2 Electric Power Sector during 2007 in Cambodia

Electric power supply facilities in Cambodia were seriously damaged during war, especially during the Pol Pot genocidal regime from 1975 till the end of 1979. After the liberation of the country on January 7, 1979, the Royal Government of Cambodia has started to restore electricity infrastructure with the support from the international community such as World Bank (WB), Asian Development Bank (ADB), and Japan etc. By end of 2007, there are two interconnected system – the Phnom Penh System and the North- West Grid System (Banteay Meanchey – Siem Reap – Battambang System) and the rest of the electric power supply systems in Cambodia are isolated systems, not interconnected with each other; and more than 95% of electric power generation is from diesel power plant. During 2007, per capita consumption is about 100.68 kWh per year and about 16.41% of total households in Cambodia have access to electricity. The largest electric power system is the Phnom Penh System which supplies to the capital of the Kingdom of Cambodia and areas around it. During 2007 this System had an unrestricted peak demand of 205.8 MW, and peak demand actually supplied of 188.1 MW.

Due to small diesel fueled isolated generation system completely dependent on high-cost fuel imported from foreign countries, and not having interconnected system and with high power losses in the distribution network, the electricity prices in Cambodia are highest in the region. Average power loss for the country is 11.05%. Nevertheless the power loss in rural area is still high at about 25.34%. The improvement in infrastructure over the years is gradually reducing the rate of loss. During 2007, out of total electricity supplied by the licensees, the consumption was 73.42% for Phnom Penh zone, 10.48 % for the border zones getting supply from neighboring countries, 14.37 % for other provincial towns, and 1.74 % in other zones.

3.3 Development till 2007

The planned stages of Power Sector Development in Cambodia are (1) to ensure sufficient, efficient and sustainable electricity supply through the isolated systems, with stress in development of systems in Phnom Penh City, and provincial towns, and (2) to start the construction of the skeleton transmission system of Kingdom of Cambodia and finally (3) to expand this power supply system to cover the whole country.

At this point we will describe the development of infrastructure to supply sustainable and quality electric power supply in isolated systems in different areas of Cambodia achieved till 2007. The development is divided in three parts as follow:

1. solution for Phnom Penh city,
2. solution for other cities, provincial towns and some main towns
3. solution for other areas

3.3.1 Interim Solution for Phnom Penh City

In Phnom Penh System power demand increased dramatically from 30 MW in 1995 to 205 MW in 2007, which means during last 12 years power demand in Phnom Penh city increased more than 6 times. Energy generation source is very important component in power supply system. Inadequate power generation capacity results in crisis in power supply service, which impacts not only the living standard of the society but also economic growth of the country. To ensure that Phnom Penh System has enough power generation capacity to meet the demand, which increased from 30 to 205 MW, was not an easy task. On the other hand, the development of power generation capacity was only a part of the solution. In fact, the full solution of a sustainable and quality power supply included the development of distribution infrastructure also.

During last 12 years, by the continuous effort of MIME and EDC in the above power development strategy, a number of projects were implemented. Some of the projects were for short term and had to be replaced by other projects as the load and area of supply increased over the years. The projects given in the table below are in operation for Phnom Penh power supply solution.

Table 5: Projects implemented for Phnom Penh

N°	Project name	Project capacity	Year commissioned	Investment type
a	Construction new power plants			
1	Power plant C3	10 MW	1996	WB loan
2	Power plant C6	10 MW	1996	ADB loan
3	CUPL	35 MW	1997	IPP
4	Power plant 5 Phase-1	5 MW	1998	Japan grant aid
5	Power plant 5 Phase-2	5 MW	1998	Ditto
6	Kirirom 1 hydropower	12 MW	2001	IPP
7	KEP phase 1	30 MW	2005	IPP
8	CITY POWER phase 1	5 MW	2005	IPP
9	CITY POWER phase 2	2.5 MW	2006	IPP
10	CEP	45 MW	2006	IPP

11	KEP phase 2	15 MW	2006	IPP
12	COLBEN SYSTEM	10 MW	2006	IPP
13	SHC Cambodia Intl Pt,Ltd	10.9MW	2007	IPP
	Total	195.4 MW		
b	Construction of distribution lines			
1	Constructed new distribution system in Phnom Penh (All distribution projects combined together in one project)	MV line-552 km LV line-760km	1999-2006	ADB loan + WB loan + Grant
2	Constructed 115kV substation at three places and 22 kV feeder from these 3 substations	115 kV substation-3	2001	WB loan
3	Constructed 115 kV transmission line of 23 km, connecting these three substation	115 kV line-23km	2001	WB loan
4	Installed DISSCADA to dispatch distribution system in Phnom Penh and Kandal province.	DISSCADA	2001	France grant aid
5	Installed SCADA to dispatch 3 “115 kV” substation and 115 kV transmission line, connecting them	115 kV SCADA-1	2001	WB loan
6	Constructed 115 kV transmission line from Kirirom 1 hydropower plant to Phnom Penh, 120 km length	115 kV line-120 km 115 kV-Substation-1	2001	CETIC
7	Constructed Distribution System to expand to areas in and around Phnom Penh	22 kV-23 km LV- 45 km	2007	EDC

3.3.2 Interim Solution for other cities and provincial towns

During last more than 12 years, apart from the effort to give sufficient power supply in Phnom Penh, MIME also gave special attention to implementing projects to give power supply in Provincial towns and main towns. From 1999 to 2007, MIME planned a large number of power supply development projects nation-wide and put them in operation, using all possible type of investment such as loan, funds from bank, grant aid and concessions to private investment. As a result of these successfully implemented power projects, the power supply problems in provincial towns, cities, areas near the border, other areas and economic zones in Kingdom of Cambodia were solved. Some of these projects in operation at the end of 2007 are listed in the Table below:

Table 6: Projects implemented for other cities, provincial towns and main towns

N°	Project name	Project scale	Date commissioned	Investment type
a	Construction new power plant project			
1	New heavy fuel oil power plant	5 MW	1999	ADB loan

Electricity Authority of Cambodia

	in Shihanouk ville			
2	New heavy fuel oil power plant in Siem Reap	10 MW	2004	Japan grant aid
3	New Diesel power plant in Takeo	1.5 MW	2006	ADB loan
4	New Diesel power plant in Kampot	3 MW	2006	ADB loan
5	New Diesel power plant in Banteay Meanchay	3 MW	2006	ADB loan
6	New Diesel power plant in Preyveng	1.5 MW	2006	ADB loan
7	New Diesel power plant in Steung Treng	1.5 MW	2006	ADB loan
8	Colben System in Shihanouk ville	5 MW	2006	IPP
9	Han Seng Land and Property Pursat	2 MW	2006	IPP
10	GTS in Kampongcham	5 MW	2007	IPP
11	SHC Cambodia Intl Pt,Ltd Ratanakiri	0.992 MW	2007	IPP
12	Kampot Power Plant Co., Ltd	2.3 MW	2007	IPP
13	SOK Company, Kampong Chhanang	2.16 MW	2007	IPP
b	Electric power import from Thailand project			
1	To supply Poipet area	5 MW	1998	Private invest
2	To supply Sampeou Loun area	1 MW	2000	ditto
3	To supply Phnom preuk area	1 MW	2000	ditto
4	To supply Kamrieng area	1 MW	2000	ditto
5	To supply Phsar Prum	2.5 MW	2001	ditto
6	To supply Malay area	1 MW	2005	ditto
7	To supply Koh Kong area	2 MW	1999	ditto
8	To supply Osmarch area	2 MW	1999	ditto
9	To supply Banteay Meanchey, Siem Reap and Battambang Area	80 MW	2007	ditto
c	Electric power import from Viet nam project			
1	To supply Ponhea Krek area	0.7 MW	2003	EDC
2	To supply Memot area	1.75 MW	2003	ditto
3	To supply Bavet area	0.8 MW	2003	ditto
4	To supply Kampong Trach area and Kep city	1 MW	2005	ditto
5	To supply Chhreythom	1 MW	2005	Private invest
6	To supply Snuol district town	1 MW	2005	Vietnam grant aid
7	To supply Svay Rieng provincial town	2 MW	2006	ADB loan
8	To supply Keoseyma area	1 MW	2007	Grant from

				Vietnam
d	Construction of distribution system project			
1	Construction of distribution line in Poipet area	MV-25 km LV-41 km	1998	Private invest
2	Rehabilitation of distribution line in Siemreap provincial town	MV-54 km LV-86 km	1999	ADB loan
3	Rehabilitation of distribution line in Shihanouk ville	MV-53 km LV-103 km	1999	ADB loan
4	Construction of distribution line in Sampou Luon area	MV-3.2 km LV-10 km	2000	Private invest
5	Construction of distribution line in Phnom Preuk area	MV-8 km LV-14 km	2000	Private invest
6	Construction of distribution line in Kamrieng area	MV-4.5 km LV-8.5 km	2000	Private invest
7	Construction of distribution in Ponhea Krek area	MV-19 km LV-6.5 km	2003	EDC
8	Construction of distribution line in Memot area	MV-15 km LV-13 km	2003	EDC
9	Construction of distribution line in Bavet area	MV-5.6 km LV-12 km	2003	EDC
10	Construction of distribution line in Pailin city	MV-24 km LV-34 km	2004	Private invest
11	Construction of distribution line in Malay area	MV-20 km LV-32 km	2005	Private invest
12	Rehabilitation of distribution line in Battambang provincial town	MV-64 km LV-173 km	2005	EDC
13	Construction of distribution line in Kampong Trach area	MV-17 km LV-18 km	2005	EDC
14	Construction of distribution line in Chhreythom area	MV-42 km LV-45 km	2005	Private invest
15	Construction of distribution line in Snoul provincial district	MV-20 km LV-8 km	2005	Vietnam grant aid
16	Construction of distribution line in Kep city	MV-48 km LV-12 km	2006	Private invest
17	Rehabilitation of distribution line in Takeo provincial town and Angtasom	MV-29 km LV-78 km	2006	ADB loan
18	Rehabilitation of distribution line in Kampot provincial town	MV-23km LV-62 km	2006	ADB loan
19	Rehabilitation of distribution line in Prey Veng provincial town	MV-9.3 km LV-36 km	2006	ADB loan
20	Rehabilitation of distribution line in Svay Reing provincial town	MV-85 km LV-86 km	2006	ADB loan
21	Rehabilitation of distribution line in Steung Treng provincial town	MV-10 km LV-30 km	2006	ADB loan

22	Rehabilitation distribution line in Ratanakiri provincial town	MV-3 km LV-23 km	2006	ADB loan
23	Rehabilitation of distribution line in Banteay Meanchey provincial town	MV-26 km LV-105 km	2006	ADB loan
24	Rehabilitation of distribution line in Kampong Speu provincial town	MV-76 km LV-76 km	2006	ADB loan
25	Construction of MV line from Lork Town to Kep and Kampot and LV system	MV-56 km LV-19 km	2006	Private investment
26	Extension of MV line from EDC Phnom Penh System to supply Areas in Saang District	MV-13 km LV-12 km	2007	Private investment
27	Extension of MV line from EDC Phnom Penh System to supply Areas in Kean Svay District	MV-17 km LV-24 km	2007	Private investment
e	Construction of Transmission Grid system			
51	Construction of 115 kV transmission system from Thai border to Banteay Meanchey, Siem Reap and Battambang with sub-stations at Banteay Meanchey, Siem Reap and Battambang	115 kV- 221Km	2007	Private investment
52	Import of electricity from Thailand through 115 kV transmission system	80 MW	2007	EDC

3.3.3 Interim Solution for other remote areas

In addition to above mentioned power supply development projects for some cities and provincial towns, many other power infrastructure improvement project were implemented in many places by small licensees who were issued licenses by Electricity Authority of Cambodia.

The licensees have taken action to improve their facilities following advice and suggestion from EAC in order to increase economic efficiency of their generation facilities and distribution facilities and on this basis have received right to provide electricity service for longer term.

3.4-Power Supply development plan in Cambodia from 2008 to 2022

Power supply development plan and related projects to be implemented from 2008 to 2022 have 5 stages as follow:

1. First stage of power system development plan in Cambodia: technical studies for development of Transmission System (2007-2010)

According to results of two studies, made under the framework of World Bank technical assistance (first study in year 2000 and second study in year 2006), the backbone transmission grid

can be developed separately in two economic zones in Kingdom of Cambodia. The first zone is southern zone, consisting of Phnom Penh, Kandal, Kampong Speu, Takeo, Kampot and Shihanoukville. The second zone is Eastern zone, consisting of Banteay Meanchey, Battambang and Siem Reap provinces. The interconnection of these two zones will cover Kampong Chhanang and Pursat Provinces. Next two other areas, Kampong Cham and Steung Traing provinces, should be developed to facilitate the development of north-eastern zone. Development of the backbone transmission system should be started by construction of transmission line connecting all electricity markets in development areas and construction of National control Center and SCADA system to monitor the system, and expansion of sub-transmission system from sub-stations to provide electricity service from main grid to customers living in the surrounding areas. For providing adequate electricity to all these above cited areas, the strategy of generation development as an interim measure is to import electricity from neighboring countries to provide electricity service to customer with affordable price and build the demand on the grid, and then construct our own big power plants with cheaper generation cost.

Accordingly, MIME sought support from WB; ADB; KfW; JBIC and private investors for funding of projects to develop the first stage of planned infrastructure for the power sector. Development projects to be implemented and put into operation from 2007 to 2010 are as follow:

Project 1: Upgrading capacity of 115 kV system in Phnom Penh

Scheduled Operation year: 2009

Scope: 1) Add 2 circuit of 115 kV line from WPP substation to existing 115 kV system of Phnom Penh, 2) Add second circuit of 115 kV line to the existing 115 kV line connecting sub-stations in Phnom Penh, 3) Deviate 115 kV line from Kirirom Hydro Power Plant to WPP substation, 4) Modification of substation GS1 and connection of 10 MVAR reactive compensation on 22 kV side in GS1 substation, 5) Add one transformer 115/22kV 30/50 MVA at GS2 substation and connection of 15 MVAR reactive compensation on 22 kV side in GS2 substation, 6) Add one transformer 115/22 kV 30/50 MVA at GS3 substation and connection of 15 MVAR reactive compensation on 22 kV side in GS3 substation. All these works will be done in order to upgrade transmission and distribution capacity of Phnom Penh power supply system and to receive more electricity from Vietnam and new power plants.

Implementer: EDC under WB loan

Present Position: The construction is planned to start in early 2008.

Project 2: Construction of 230 kV transmission system connecting Phnom Penh, Takeo and Vietnam with substations

Scheduled Operation year: 2009

Scope: Build the substation at West Phnom Penh (WPP) and 230 kV transmission line connecting Phnom Penh to Takeo and to Vietnam and a substation in Takeo provincial town in order to purchase electricity from Vietnam and to supply Phnom Penh.

Implementer: EDC under WB loan.

Present Position: The construction has started in 2007.

Project 3: Build National Dispatching Center

Scheduled Operation year: 2009

Scope: Build National Dispatching Center in Phnom Penh in order to manage all connected power supply systems in the country.

Implementer: EDC under WB loan.

Present Position: Project is under bidding process. The construction is planned to start in 2008.

Project 4: Import of electricity from Vietnam to Phnom Penh through 230 kV line

Scheduled Operation year: 2009

Scope: Purchase of electricity from Vietnam through 230 kV line to supply southern zone in Cambodia.

Implementer: EDC.

Present Position: Power Purchase Agreement was signed by Vietnamese and Cambodian parties. The import of electricity will be started after the construction of 230 kV transmission line in 2009.

Project 5: Build 115 kV line connecting Kampong Cham to Suong and Kraek towns and to Vietnam power system

Scheduled Operation year: 2009

Scope: Build 115 kV line connecting Kampong Cham, Suong, Kraek and Taininh in Vietnam and build 115 kV substations at 3 places, 1) in Kampong Cham provincial town, 2) in Suong town and 3) in Kraek town in order to import electricity from Vietnam to supply all above areas.

Implementer: This project is under grant of WB to RGC which is provided as a loan by RGC to EDC to implement the project.

Present Position: The project is under bidding process.

Project 6: Build 115 kV line connecting Steung Treng to Laos's power system

Scheduled Operation year: 2009

Scope: Build 115 kV line connecting Steung Treng, Suong, to Lao power system and build 115 kV substation at Steung Treng provincial town in order to import electricity from Laos to supply Steung Treng province.

Implementer: This project is under grant of WB to RGC which is provided as a loan by RGC to EDC to implement the project.

Present Position: The project is under bidding process.

Project 7: Build 230 kV line connecting Takeo to Kampot and substation in Kampot provincial town

Scheduled Operation year: 2009

Scope: Build 230 kV transmission line connecting Takeo and Kampot, and build 230 kV substation at Kampot provincial town in order to purchase electricity from Kamchay Hydro Power Plant.

Implementer: This project is under loan of KFW Germany development bank and EDC is implementer of the project. KFW give grant to RGC and RGC give this grant to EDC as loan. EDC will pay principal and interest to RGC.

Present Position: Loan Agreement was signed and the bidding process has started.

Project 8: Build 230 kV line connecting Kampot to Sihanoukville and substation in Sihanoukville

Scheduled Operation year: 2010

Scope: Build 230 kV transmission line connecting Kampot and Sihanoukville, and build 230 kV substation at Sihanoukville in order to purchase electricity from Coal Fired Power Plant. The coal will be imported.

Implementer: This project is under joint loan of ADB and JBIC and EDC is implementer of the project.

Present Position: The bidding process has started.

Project 9: Build 193 MW Kamchay Hydro Power Plant and transmission line connecting KHPP to Kampot substation

Scheduled Operation year: 2010

Electricity Authority of Cambodia

Scope: Build 193 MW Kamchay Hydro Power Plant and transmission line connecting this power plant to substation in Kampot provincial town in order to sell electricity to EDC.

Implementer: The investment for this project is by SINOHYDRO from People's Republic of China, who received special investment concession from RGC.

Present Position: Implementation Agreement and Power Purchase Agreement of the project were signed. The company has started construction.

Project 10: Build 18 MW Kirirom III Hydro Power Plant and transmission line connecting Kirirom III plant to Kirirom I substation

Scheduled Operation year: 2010

Scope: Build 18 MW Kirirom III Hydro Power Plant and transmission line connecting Kirirom III plant to Kirirom I substation in order to sell electricity to EDC.

Implementer: This project is the second phase of investment of Chinese company CETICI from People's Republic of China, who built Kirirom I Hydro Power Plant in the first phase. This project is in the same concession package with Kirirom I Hydro Power Plant.

Present Position: Implementation Agreement and Power Purchase Agreement of the project have been signed.

2. Second stage of Power System Development Plan in Cambodia (2011-2015):

Project 1: Build 200 MW Coal Fired Power Plant in Sihanoukville and transmission line connecting this plant to Sihanoukville substation

Scheduled Operation year: 2012

Scope: Build 200 MW Coal Fire Power Plant (operated on imported coal) and transmission line connecting this plant to Sihanoukville substation.

Implementer: The investment for this project will be by a private company on the BOO basis. This project is under the bidding process to select an investor. The successful company will sell electricity to EDC.

Present Position: The PPA is under negotiation.

Project 2: Upgrade Phnom Penh transmission system

Scheduled Operation year: 2011

Scope: Build 115 kV transmission line connecting GS1 to GS2 and GS2 to WPP in order to strengthen power supply of Phnom Penh when the electricity demand will increase.

Study: This project is included in 2006 Master Plan but neither detail technical study nor the feasibility study has yet been done.

Implementer: EDC will seek funds to implement this project.

Present Position: The form of investment for this project is not yet decided. MIME is seeking any possible source of fund to develop this project.

Project 3: Build two new grid substations in Phnom Penh.

Scheduled Operation year: 2012

Scope: Build 115 kV substations in 1) northern area of Phnom Penh (NPP) and 2) eastern area of Phnom Penh (EPP). Build 115 kV transmission line connecting GS1 to NPP and NPP to EPP to meet the load of new growing areas of Phnom Penh.

Study: This project is included in 2006 Master Plan but neither detail technical study nor the feasibility study has yet been done.

Implementer: EDC shall seek fund to implement this project.

Present Position: The form of investment for this project is not yet decided. MIME is seeking any possible source of fund to develop this project.

Project 4: Build 230 kV transmission line connecting Phnom Penh, Kampong Chhnang, Pursat and Battambang and substations

Scheduled Operation year: 2012

Scope: Build 230 kV transmission line connecting Phnom Penh, Kampong Chhnang, Pursat and Battambang and build one substation near Pursat and another one in Battambang in order to connect southern zone system with western zone system to become one system.

Study: Detail technical study and feasibility study of the project was made by Institute of Energy in Guang Xy province in the framework of investment development of CYC from PRC in the project package of Stung Atay Hydro Power Plant.

Implementer: This project is under private investment and RGC gave concession to CYC from PRC in the project package Stung Atay Hydro Power Plant.

Present Position: The Transmission agreement and IA have been signed.

Project 5: Build 230 kV transmission line connecting Phnom Penh to Kampong Cham and new grid substation in Kampong Cham provincial town

Scheduled Operation year: 2012

Scope: Build 230 kV transmission line connecting Phnom Penh to Kampong Cham provincial town and build substation in Kampong Cham provincial town in order to connect southern zone system with power supply system in Kampong Cham area together into one system.

Study: This project is included in 2006 Master Plan but neither detail technical study nor the feasibility study has yet been done.

Implementer: EDC shall seek fund to implement this project.

Present Position: The form of investment for this project is not yet decided. MIME is seeking any possible source of funding to develop this project.

Project 6: Development of Stung Atay Hydro Power Plant, Common switching substation at Ou Saom and 230 kV transmission line connecting switching substation and Pursat substation.

Scheduled Operation year: 2012

Scope: Build 120 MW Stung Atay Hydro Power Plant, common switching substation, transmission line connecting this plant to common switching substation and 230 kV line connecting common switching substation to substation at Pursat provincial town.

Study: Detail technical study and feasibility study of the project was made by Institute of Energy in Guang Xy province in the framework of investment development of CYC from PRC in the project package Stung Atay Hydro Power Plant.

Implementer: This project is under private investment and RGC gave concession to CYC from PRC in the project package Stung Atay Hydro Power Plant.

Present Position: Implementation Agreement and Power Transmission Agreement have been signed.

Project 7: Build 115 kV transmission line connecting Phnom Penh to Neak Loeung, Prey Veng, Svay Rieng and Vietnam

Scheduled Operation year: 2013

Scope: Build 115 kV transmission line connecting EPP substation in Phnom Penh to Neak Loeung, Prey Veng, Svay Rieng and Vietnam and build 115 kV substations one in Neak Loeung area and another one in Svay Rieng area.

Study: This project is included in 2006 Master Plan but neither detail technical study nor the feasibility study has yet been done.

Implementer: EDC shall seek fund to implement this project.

Present Position: The form of investment for this project is not yet decided. MIME is seeking any possible source of fund to develop this project.

Project 8: Build 230 kV transmission line connecting Phnom Penh to Sihanoukville substation

Scheduled Operation year: 2013

Scope: Build 230 kV transmission line connecting EPP substation in Phnom Penh to Sihanoukville in order to transport electricity from 400 MW Coal Fire Power Plant, which should be built in Sihanoukville.

Study: This project is included in 2006 Master Plan but neither detail technical study nor the feasibility study has yet been done.

Implementer: EDC shall seek fund to implement this project.

Present Position: The form of investment for this project is not yet decided. MIME is seeking any possible source of fund to develop this project.

Project 9: Build 400 MW Coal Fired Power Plant in Sihanoukville and transmission line to Sihanoukville substation

Scheduled Operation year: 2013

Scope: Build 400 MW Coal Fired Power Plant (operated on imported coal) and transmission line connecting this plant to Sihanoukville substation.

Implementer: The investment for this project will be by private company on the BOO basis. This project is under bidding process to select an investor. The successful company will sell electricity to EDC.

Present Position This project is included in 2006 Master Plan but neither detail technical study nor the feasibility study has yet been done.

Project 10: Build Lower Stung Russey Chrum Hydro Power Plant and transmission line to common switching substation.

Scheduled Operation year: 2014

Scope: Build 338 MW Lower Stung Russey Chrum Hydro Power Plant and transmission line connecting this plant to common switching substation.

Study: Detail technical study and feasibility study already made by TEPSCO from Japan. Study results show that this project is economically very efficient

Implementer: The bidding process for this project is planned for 2008.

Present Position: The study of this project is over and RGC and MIME may ensure early implementation of the project.

Project 11: Upgrade capacity of Phnom Penh power supply system.

Scheduled Operation year: 2015

Scope: Build 230 kV part of EPP substation in Phnom Penh, upgrade transformer capacity in WPP substation, build new substation GS4 and 230 kV transmission line connecting WPP to GS4 and 230 kV transmission line connecting GS4 to EPP.

Study: This project is included in 2006 Master Plan but neither detail technical study nor the feasibility study has yet been done.

Implementer: EDC shall seek fund to implement this project.

Present Position: The form of investment for this project is not yet decided. MIME is seeking any possible source of fund to develop this project.

Project 12: Build Stung Chhay Areng Hydro Power Plant and transmission line to common switching substation.

Scheduled Operation year: 2015

Scope: Build 260 MW Stung Chhay Areng Hydro Power Plant and transmission line connecting this plant to common switching substation.

Study: The Company China Southern Power Grid is undertaking feasibility study of this project

Implementer: In case of positive result of feasibility study, the company may be invited to participate in the development process.

Present Position: The feasibility study is in progress. MIME is cooperating to finish this work on time.

Project 13: Build Stung Tatay Hydro Power Plant and transmission line to common switching substation.

Scheduled Operation year: 2013

Scope: Build 246 MW Stung Tatay Hydro Power Plant and transmission line connecting this plant to common switching substation.

Study: The Company China National Heavy Machinery Corporation from PRC has undertaken pre-feasibility study of this project

Implementer: In case of favorable result of pre-feasibility study, the company may be invited to participate in the development process.

Present Position: The project details are being worked out.

3. Third stage of Power System Development Plan in Cambodia (2015-2017):

Project 1: Build 230 kV Sambo substation and 230 kV transmission line connecting g Kampong Cham substation to Sambo substation.

Scheduled Operation year: 2015

Scope: Build new 230 kV substation near Sambo Hydro Power Plant in order to receive electricity from this plant and build 230 kV transmission line connecting Kampong Cham substation to Sambo substation in order to transport electricity from this plant to Kampong Cham area and to Phnom Penh.

Study: This project is included in 2006 Master Plan but neither detail technical study nor the feasibility study has yet been done.

Implementer: EDC shall seek fund to implement this project.

Present Position: The form of investment for this project is not yet decided. MIME is seeking any possible source of fund to develop this project.

Project 2: Build Sre Pok Kroam 2 Hydro Power Plant and transmission line to Sambo substation

Scheduled Operating year: 2015

Scope: Build 222 MW Sre Pok 2 Hydro Power Plant and 230 kV transmission line connecting this plant to Sambo substation.

Study: The pre-feasibility study of the hydro part of this project was done by Chugoku Electric Power Co., Inc from Japan. The study results show that the project is economically very viable. There is proposal from EVN to develop Sesan 2 Hydro Power Plant with installed capacity of 420 MW, which combines Sesan Hydro potential and Sre Pok potential together into one project. If the study confirms that the EVN proposed project is more economically viable than the two projects separately, then this Sre Pok project will be replaced by the EVN project.

Implementer: Investment concession has not yet been given to any company.

Present Position: MIME is seeking fund for feasibility study of the project.

Project 3: Build Sambo Hydro Power Plant and transmission line to Sambo substation

Scheduled Operation year: 2016

Scope: Build 467 MW Sambo Hydro Power Plant and transmission line connecting this plant to Sambo substation.

Study: The Company China Southern Power Grid was undertaking feasibility study of this project

Implementer: In case of favorable result of feasibility study, the company may be invited to participate in the development process.

Present Position: The feasibility study is in progress. MIME is cooperating to finish the study on time.

Project 4: Build Sesan Kroam 2 Hydro Power Plant and transmission line to Sambo substation

Scheduled Operation year: 2017

Scope: Build 207 MW Sesan 2 Hydro Power Plant and 230 kV transmission line connecting this plant to Sambo substation.

Study: The Company EVN may be requested to study this project but it has not yet been decided.

Implementer: Investment concession has not yet been given to any company.

Present Position: A company has to be found to invest in this project.

Project 5: Build 115 kV transmission line connecting Stung Treng to Sambo substation

Scheduled Operation year: 2017

Scope: Build 115 kV transmission line connecting Stung Treng substation to Sambo substation.

Study: This project is included in 2006 Master Plan but neither detail technical study nor feasibility study has yet been done.

Implementer: EDC shall seek funds to implement this project.

Present Position: The form of investment for this project is not yet considered. MIME is seeking any possible source of fund to develop this project.

**4. Fourth stage of Power System Development Plan in Cambodia:
Step two of Hydro Power development in NE zone (2017-2019)**

Project 1: Build Stung Battambang 1 Hydro Power Plant and transmission line to Battambang substation.

Scheduled Operation year: 2017

Scope: Build 24 MW Stung Battambang 1 Hydro Power Plant and 115 kV transmission line connecting this plant to Battambang substation.

Study: No study has yet been done on this project.

Implementer: Investment concession has not yet been given to any company.

Present Position: A company has to be found to invest in this project.

Project 2: Build Stung Russei Chrum Leu Hydro Power Plant and transmission line to common switching substation.

Scheduled Operation year: 2017

Scope: Build 32 MW Stung Russei Chrum Leu Hydro Power Plant and transmission line connecting this plant to common switching substation.

Study: The Company KTC from Korea is undertaking pre-feasibility study of this project

Implementer: In case of favorable result of pre-feasibility study, the company may be invited to participate in the development process.

Present Position: Pre-feasibility study is in progress. MIME is cooperating to finish the study on time.

Project 3: Build Stung Russei Chrum Kandal Hydro Power Plant and transmission line to common switching substation.

Scheduled Operation year: 2017

Scope: Build 125 MW Stung Russei Chrum Kandal Hydro Power Plant and transmission line connecting this plant to common switching substation.

Study: The Company KTC was undertaking pre-feasibility study of this project

Implementer: In case of favorable result of pre-feasibility study, the company may be invited to participate in the development process.

Present Position: The pre-feasibility study is in progress. MIME is cooperating to finish the study on time.

Project 4: Build Stung Battambang 2 Hydro Power Plant and transmission line to Battambang 1 HPP.

Scheduled Operation year: 2019

Scope: Build 36 MW Stung Battambang 2 Hydro Power Plant and 115 kV transmission line connecting this plant to Battambang 1 HPP.

Study: No study has yet been done on this project.

Implementer: Investment concession has not yet been given to any company.

Present Position: A way to start the project study is to be found.

**5. Fifth stage of Power System Development Planning in Cambodia:
GCCC Power Generation (2020-2022)**

Project 1: Build new substation in Phnom Penh and strengthen transmission line capacity.

Scheduled Operation year: 2020

Scope: Build 230 kV substation at southern area of Phnom Penh called SPP, build 230 kV transmission line connecting SPP to Takeo substation, build 230 kV transmission line connecting SPP to NPP, build 115 kV transmission line connecting SPP to GS4 substation and build 115 kV transmission line connecting SPP to Svay Rieng substation .

Study: This project is included in 2006 Master Plan but neither detail technical study nor feasibility study has yet been done.

Implementer: EDC shall seek fund to implement this project.

Present Position: The form of investment for this project is not yet considered. MIME is seeking any possible source of fund to develop this project.

Project 2: Build 450 MW Gas Power Plant I in Sihanoukville and transmission line to Sihanoukville substation

Scheduled Operation year: 2022

Scope: Build 450 MW Natural Gas Power Plant I and transmission line connecting this plant to Sihanoukville substation.

Implementer: It is planned to authorize private company to build and operate this project and to sell electricity to EDC.

Present Position: This project is included in 2006 Master Plan but neither detail technical study nor feasibility study has yet been done.

Project 3: Build transmission line connecting Kampong Cham-Kampong Thom – Siem Reap and build new Kampong Thom substation

Scheduled Operation year: 2020

Electricity Authority of Cambodia

Scope: Build 230 kV sub station at Kampong Thom and build 230 kV transmission line connecting this substation to Kampong Cham substation and Siem Reap sub station.

Study: This project is included in 2006 Master Plan but there was neither detail technical study nor the feasibility study.

Implementer: EDC shall seek funds to implement this project.

Present Position: The form of investment for this project is not yet considered. MIME is seeking any possible source of fund to develop this project.

Project 4: Build 450 MW Gas Power Plant II in Sihanoukville and transmission line to Sihanoukville substation.

Scheduled Operation year: 2022

Scope: Build a new 450 MW Natural Gas Power Plant and transmission line connecting this plant to Sihanoukville substation.

Implementer: This project is planned to authorize private company to build and operate and to sell electricity to EDC.

Present Position: This project is included in 2006 Master Plan but there was neither detail technical study nor the feasibility study.

3.5 Rural Electrification Fund

In order to facilitate access to electricity infrastructure and provide a secure, reliable, environmentally safe, and sustainable energy supply of various types, at reasonable and affordable price, in order to address the needs of the population including reduction in the high level of power tariff in rural areas the Royal Government of Cambodia has issued a Royal Decree to establish a public institution the “Rural Electrification Fund”, with administrative, managerial, technical and financial autonomy under the Laws of the Kingdom of Cambodia, for enabling the development of Rural Electrification in the Kingdom of Cambodia. The objectives for which REF is established are:

1. To promote the equitable rural electrification coverage by facilitating the population’s access to electricity at affordable price for economic, social and household uses, thus contributing to poverty reduction, and
2. To promote and encourage the private sector to participate in providing the sustainable rural electrification services, in particular for the exploitation of the economic application of technically and commercially well proven, new and renewable energy technologies.

The funding for REF shall be through donations and grants whose sources and terms shall be acceptable to the Ministry of Industry, Mines and Energy and to the Ministry of Economy and Finance and other sources from the government. The Funding will have to be regular and sufficient, in order to fulfil the government policy and target on rural electrification.

The objectives of REF for the four-year term (2006-2009) are:

1. Provide grant to Rural Electricity Enterprises (REE) for 50,000 new connections,
2. Provide grant to firms for supplying 12,000 Solar Home Systems (SHS) for households in rural areas.
3. Provide grant for development of 850 kW of micro hydro, and
4. Provide grant for development of 6 MW of mini hydro.

3.6 Specific Requirements of Electric Power Technical Standards (SREPTS)

General Requirements of Electric Power Technical Standards (GREPTS) was issued by MIME on July 14, 2004. GREPTS was prepared in cooperation with JICA. GREPTS covered the general provisions on technical standards for thermal generation facility, hydro power generating facility, transmission and distribution facility and house wiring.

Now, a JICA (Japan International Cooperation Agency) project has prepared the Specific Requirements of Electric Power Technical Standards (SREPTS). The SREPTS will cover the specific provisions in details for the areas covered in GREPTS. Considering the immediate need, in the first phase the SREPTS has covered areas of thermal (diesel) generation, transmission and distribution. The SREPTS have been issued by MIME for implementation.

Chapter 4

Information on Licenses and Licensees in the Kingdom of Cambodia

CHAPTER 4

Information on Licenses and Licensees in the Kingdom of Cambodia

4.1 Licenses for Providing Electric Power Services

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 authorization document confirming to the provisions of the Electricity Law, which EAC decides to grant to an 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). A 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 that can be issued and regulated by EAC are stated below:

1. **The Generation License:** It grants the right to generate electric power from specified generation facilities.
2. **The Transmission License:** It grants the right to provide 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 which is 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 specified transmission facilities in the Kingdom of Cambodia for the specified purpose.
3. **The Distribution License:** It grants the right to provide the electricity distribution services in a determined contiguous territory.
4. **The Consolidated License:** It 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 electric power to the consumers. Consolidate License can also be issued on consideration of long term planning and the objectives of Government policy to reduce long run marginal cost for supply of electricity to consumers, establish a national grid and progressively expand this grid throughout Kingdom of Cambodia.
5. **The Dispatch License:** It grants the right to control, 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:** It grants the right to buy electricity from any Generation Licensee or from the power systems of neighboring countries for sale to Distribution Licensees or to the large customers in one connected power system.
7. **The Retail License:** It grants the right to engage in the sale of electric power to consumers in a contiguous service territory.
8. **The Subcontract License:** It grants the right to provide electric power services according to the subcontract agreement with the existing licensee.

4.2 Licenses issued and revoked

The number of licenses issued, revoked and valid each year since 2002 is given in the Table below.

Table 7: Number of Licenses issued each year

Year	Licenses issued during the year	Licenses issued up to end of the year	Licenses revoked during the year	Licenses valid at the end of the year
2002	21	21	-	21
2003	64	85	1	84
2004	22	107	2	104
2005	16	123	1	119
2006	28	151	4	143
2007	41	192	4	180

The year 2007 is an important year for the electricity sector in Cambodia. During 2007 EAC has issued 41 licenses, which is the highest after 2003. During this year the first Special Purpose Transmission License was issued to (Cambodia) Power Transmission Line Company, a company in the private sector. Under this license 115 kV line has been constructed from Thailand border to Banteay Meanchey, Siem Reap and Battambang for transmission of electricity from Thailand to the Sub-stations at Banteay Meanchey, Siem Reap and Battambang. The import of electricity over this line started in November 2007. This is an important step in the development of the grid in Cambodia. This line increases the available capacity of electricity in the areas supplied from these sub-stations and replaces electricity generated from fuel oil. With the future construction of 22kV lines from the sub-stations to the rural areas, it is expected that soon the grid supply will be extended to surrounding rural areas in these three provinces.

During 2007, the supply from the Phnom Penh grid was extended to three licensees providing electric supply service in Kandal Province. Due to this the type of license issued to Mr. Koeung Rithy, one of the three licensees, was changed from Consolidated License to Distribution License.

Up to 31st December 2007, EAC has issued 192 licenses to the electric power service providers to grant the right to provide electric power services pursuant to the Electricity Law. Types and number of licenses issued during 2007 and licenses valid at the end of year 2007 are given in the Table below.

Table 8: Types and Number of Licenses

No.	Type of License Issued	Number of License Issued			Licenses valid at end of 2007
		up to 2006	during 2007	Total	
1	Consolidated License consisting of Generation, Distribution and Transmission Licenses	1		1	1
2	Generation License	20	2	22	14
3	Special Purpose Transmission License		1	1	1
4	Distribution License	13	2	15	16
5	Retail License	1		1	1
6	Consolidated License consisting of Generation and Distribution Licenses	116	36	152	147
	TOTAL	151	41	192	180

All the licensees except three are in the private sector. The three licensees in Government sector are (i) Electricite Du Cambodge – having the Consolidate License No. 001L consisting of Generation, National Transmission and Distribution License, (ii) Electricity of Kratie Province – having the Consolidate License No. 059L consisting of Generation and Distribution License, and (iii) Electricity Unit of Mondulkiri Province – having the Distribution License No. 158L.

Four licenses were revoked during 2007. Sovanny Electricity Development Co. Ltd terminated the PPA with Edward Energy Supply Co., Ltd for generation service at Kampongchhanang as it decided to purchase electricity from another IPP S.O.K Company Limited. Hence the Generation License No.94L issued to Edward Energy Supply Co., Ltd was revoked from 20th March 2007. Due to import of electricity from Thailand, EDC terminated the PPA with Union Victory Asia Co. Ltd for generation at Battambang. Accordingly the Generation License No.107L issued to Union Victory Asia Co. Ltd was revoked from 1st December 2007. The Consolidated Licenses No. 104L issued to Mr. Suon Sany and No. 131L issued to Mrs. Nhek Sokon were revoked in July 2007 on their request as they have decided to sell their business to the neighboring Licensees. The list of licenses not valid by end of year 2007 is given in **Annex 7**.

Province wise area of supply served by Consolidated Licensees, Distribution Licensees and Retail Licensees and the normal hours of supply in these areas are given in **Annex 1**.

A map of Cambodia showing the location of the licensed area of supply and license numbers of licenses issued by EAC up to end of 2007 is given at the end of this report.

4.3 Revision of Licenses

Licenses are revised from time to time as required for various reasons. 80 Licenses were revised during 2007. 49 licenses were revised for extension of their term. A licensee with infrastructure complying with technical standards and better operation and management gets a longer term for his license. As the licensees are improving their infrastructure, operation and management, year by year the number of licenses with longer terms is increasing. The Table below gives the number of Consolidated and Distribution Licenses having the same term at the end of 2005, 2006 and 2007. From the Table it can be seen that 71 Consolidated Licenses and 16 Distribution Licenses have got a term of 5 years or more. The number of licenses with a term of 5

years or more is certain to increase in coming months as more and more licensees improve their infrastructure and operation.

Table 9 : Current Term of Licenses

Current Term	Licenses at the end of 2005		Licenses at the end of 2006		Licenses at the end of 2007	
	Number	%	Number	%	Number	%
Consolidated License						
2 years	53	53.54	51	44.35	35	23.65
3 years	17	17.17	26	22.61	28	18.92
4 years	8	8.08	11	9.57	14	9.46
5 years	10	10.10	13	11.30	45	30.41
7 years	5	5.05	6	5.22	12	8.11
8 years					2	1.35
10 years	4	4.04	6	5.22	10	6.76
Till revoked	2	2.02	2	1.74	2	1.35
Total	100	100.00	115	100	148	100
Average term	3.24		3.46		4.43	
Distribution License						
5 years	5	55.56	5	38.46	2	12.50
7 years					1	6.25
10 years	2	22.22	2	15.38	4	25.00
15 years	2	22.22	5	38.46	7	43.75
20 years			1	7.69	1	6.25
Till revoked					1	6.25
Total	9	100	13	100	16	100
Average term	8.33		10.77		12.63	

During 2007, 26 licenses were revised to enlarge the licensed area of supply and 3 licenses were revised to reduce the area of supply. During 2007 more licensees have enlarged the area of supply compared to earlier years; when in 2005 three licensees and in 2006 eleven licensees had enlarged the area of supply. The reduction in the area of supply of two licensees were required as the area was included in the licensed area of supply of other licensees and the area of supply of one licensee was reduced because it was unable to provide supply to that area.

During 2007, 13 licenses were revised to add more generation capacity and 12 licenses were revised as the existing licensee transferred the business to a new owner. One license was revised from Consolidated License consisting of generation and distribution license to Distribution License as it stopped its generation activity and purchased electricity from a neighboring licensee.

4.4 Licenses in Operation during 2007

Out of 180 licenses valid at the end of 2007, nine licenses, as given in the Table below, had not started operation till the end of 2007.

Table 10 : Licenses not in operation in 2007

License No.	Name of Licensee	Type of License	Area of operation
145L	Sou Ching Electronic Company Ltd	Distribution	Zone 1, Zone 2, Tourist and Cultural Zones, Siem Reap Province

147L	Omo Energy (Cambodia) Co., Ltd	Generation	Phum Andaung Trang, Khum Sarmor, Cheung Prey Dist., Kampong Cham Pro.
161L	Mr. Kea Kimseng	Consolidate	Khum Anlong Samnor and Khum Chikren, Chikren District, Siem Reap Pro.
166L	Mr. Or Ratana	Consolidate	Khum Longvek, Kampong Tralach District, Kampong Chhanang Province
167L	Mr. Or Joly	Consolidate	Khum Chhuk Sor, Kampong Tralach District, Kampong Chhanang Province
173L	Mrs. Ke Varin	Consolidate	Khum Chey Bak, Khum Sre Thmey, Khum Svay Chrum, Khum Pong Ro, Khum Krang Leav, Rolear Phear District, Kampong Chhanang Province
177L	Sinohydro Kamchay Hydroelectric Project Co. Ltd	Generation	Kamchay Plateau of Kampot District, Kampot Province
179L	Mr. Nhoek My	Consolidate	Khum Kraing Youv, Saang District, Kandal Province
181L	Mr. Kim Meng	Consolidate	Dambe District Town, Kampong Cham Province

During 2007, each province and city in Cambodia has at least one licensee providing electric services. Some Licensees are having area of supply located in more than one Province/City. The number of different type of Licensees operating in each Province/City as on 31st December 2007 is given in the table below.

Table 11 : Number of different types of Licensees operating in each Province/City

No.	Name of Province/ City	Consolidated License (Generation, National Transmission and Distribution)	Generation License	Retail License	Distribution License	Consolidated License (Generation and Distribution)	Total
1	Banteay Meanchey	1	-		2	10	13
2	Battambang	1	-		1	8	10
3	Kampong Cham	1	1		1	19	22
4	Kampong Chhnang	-	1		1	5	7
5	Kampong Speu	1	-		-	15	16
6	Kampong Thom	-	-		-	7	7
7	Kampot	1	1		1	4	7
8	Kandal	1	-		5	24	30
9	Koh Kong	-	1		1	2	4
10	Kratie	-	-		-	2	2
11	Krong Kaeb	-	-		1	-	1
12	Mondol Kiri	-	-		1	-	1
13	Otdor Meanchay	-	-		1	1	2
14	Pailin	-	-		2	-	2
15	Phnom Penh	1	7	1	-	2	11
16	Preah Vihear	-	-		-	4	4

17	Prey Veng	1	-		-	6	7
18	Pursat	-	1		1	6	8
19	Rattanakiri	1	1		-	-	2
20	Siem Reap	1	-		-	11	12
21	Sihanoukville	1	1		-	5	7
22	Stueng Treang	1	-		-	-	1
23	Svay Rieng	1	-		-	-	1
24	Takeo	1	-		-	20	21

4.5 Efforts of Government of Cambodia, Rural Electrification Fund and EAC to assist licensees

The main identified problems being faced by licensees for efficient and expanded operation are (i) lack of technical know-how (ii) lack of managerial know-how and (iii) lack of finance. During 2007, Government of Cambodia and Electricity Authority of Cambodia have made efforts to address these problems. The Government of Cambodia has established Rural Electrification Fund (REF). REF has received funds from Government of Cambodia through loan from World Bank and grant from Global Environment Facility Trust Fund (GEF) to provide grant assistance to licensees for new connections to households and for installation of mini and micro hydro projects. By end of 2007, REF had signed 26 agreements with licensees to provide grant assistance at the rate of US\$ 45 for each new connection to households. This grant assistance provides part of the fund requirement to take up new projects to expand the area of supply and provide electricity to more households and motivated the licensees to improve their network. The EAC has finalized arrangements to provide basic level technical and management training for the managers of licensees and basic level technical training for the technicians of the licensees during early 2008. The training is funded by Energy Sector Management Assistance Programme (ESMAP). EAC continued with its policy of motivating the licensees to improve the infrastructure and operation. During the annual licensee meet organized by EAC in December of 2006 and 2007, the licensees were intimated about the program to extend MV lines from grid substations by EDC and private sector in the coming years to make grid supply available in areas around grid substations and that this will lower the tariff for supply of electricity. The licensees were also motivated by learning about the benefits reaped by other licensees due to improvement of infrastructure. All this resulted in licensees plan to extend the area of supply, to construct MV lines and to improve the infrastructure.

4.6 Improvements in the operation of Electric Power Services

During 2007, the stress was on improvement and addition of MV lines and LV lines. The licensees, who extended their area of supply constructed MV lines to achieve proper voltage regulation. MV lines were also constructed by the licensees who received supply from EDC grid. The LV lines were also improved by these licensees and others. The improvement has been more marked in the case of licensees operating along the national roads and major roads; where in most cases concrete poles and ABC conductors are used for LV lines. On the one hand the old substandard infrastructure is being improved to comply with the Standards and on the other hand, the infrastructure of new licensees and the infrastructure extension of existing licensees are being constructed in compliance with the Standard. On a rough estimate it can be said that by end of 2007, more than 75% of lines in Cambodia comply with the Technical Standard. This has resulted in reporting of lower losses by the licensees in 2007.

The safety in generation plant of rural licensees has improved during 2007, as the generator room was kept clean and safe; but there was not much change in the operation efficiency.

Meter continues to be the sensitive issue between consumer and licensee, and some licensees in the rural areas have replaced old meters by meters of Mitsubishi make and meters made in Vietnam.

Some improved network infrastructure in rural areas from different parts of the kingdom is illustrated separately in this report.

The table below gives brief description of the improvements made during 2007.

Table 122 : Information on Improvement of Distribution Facilities by Small Licensees

License Number	Licensee	Improvement of Distribution Facilities
6	Mr. Huor Pheng	Expanded distribution area and built MV line about 1650m and ABC LV line about 1400m
13	Mr. Mak Thorn	Expanded distribution area and built MV line from VN border to Den mountain
15	Mr. Srey Sokhom	Built new network to cover the added distribution area, replaced old line by ABC 4x70 mm ² about 200m and 4x35 mm ² about 300m
17	Mrs. Bun Liv	Built new MV line about 2000m and new LV line about 3500m
18	Mr. Ky Sophea	Replaced 30 poles by steel poles. Replaced old line by ABC about 3000m
20	Mr. Chhour Lay	Expanded distribution area and built new ABC network to cover the whole added area
21	Mr. Nov Sokha	Built 22kV line and LV line to cover whole distribution area
22	Mr. Kong Phat	Replaced old line in total by PVC 4x35 mm ² Al about 400m, PVC Cu 4x16 mm ² about 450m and replaced 12 old pole by steel poles
26	Mr. Chang Bunnaret	Replaced 60 wooden poles by 9m concrete poles and old conductor by ABC for about 90% of total length
28	Mr. Samreth Sothy	Replaced old bare conductor by ABC 3x180mm ² and 95mm ² about 836m, old PVC Cu and bare conductor by ABC 4x95mm ² about 2016m and by ABC 4x70mm ² about 1413m
29	Mr. Sok Thy	Expanded network by PVC 4x50 mm ² about 2500m
30	Mr. Ly Bunthy	Replaced old conductor by ABC 4x150 mm ² about 1500m, 4x95 mm ² about 2500m and 4x50 mm ² about 4500m, replaced 280 old poles by 9m concrete poles
34	Mr. Toem Touch	Improved the network to conform to Technical Standard
37	Mr. Jeng Seng Hy	Replaced old line by PVC 4x70mm ² about 1850m, 4x50 mm ² about 1900m and ABC 4x35mm ² about 3550m. Replaced 208 old poles by 7m concrete poles
40	Mr. Mak Heat	Replaced 16 old poles and replaced old conductor by ABC 4x70mm ²
41	Mr. Ty Sokorn	Replaced old conductor by ABC about 2500m and built new line about 2380m

42	Mr. Kong Sophal	Built new power house 10x6x4m and replaced old line by ABC 4x70mm ² about 1500m, 4x35mm ² about 200m and PVC 2x35mm ² about 800m, PVC 2x25mm ² about 1200m
43	Mr. Lay Se	Constructed totally new MV and LV network conforming to Technical Standard
44	Mr. Kong Puthy	Replaced old line by ABC 4x70mm ² about 1500m and 4x25mm ² about 1728m
45	Mr. Loem Sokkhoeurn	Replaced old line by ABC 70 mm ² about 1500m and 50 mm ² about 1000m
47	Mrs. Sar Malis	Expanded MV network about 500m and is improving LV line
55	Mr. Try Soban	Built 22kv line about 3.5km
56	Mrs. Nhek Theary	Rebuilt MV and LV line conforming to Technical Standard
58	Mr. Chhay Neng	Replaced old line by PVC 2x50 mm ² about 2400m
60	Mrs. Eam Sreng	Replaced all old poles by new concrete poles and replaced old conductor by ABC 90, 70, 50 and 35mm ² about 3500m
62	Mr. Keb Borey	Replaced old line by ABC 4x50 mm ² about 2000m 4x35 mm ² about 1000m 2x35 mm ² about 1000m and replaced 40 old poles by 9m concrete poles
63	Mr. Ong Hok Sin	Replaced old line by new three phase about 2000m and two phase about 4500m
64	Mr. Chhin Seng	Built MV line about 4500m
68	Mrs. Touch Mantha	Replaced all old poles by new concrete poles and replaced old conductor by PVC 4x95 mm ² about 1500m
69	Mr. Nop Bin	Replaced 34 old poles by concrete poles and replaced old conductor by PVC 2x30 mm ² and 2x50 mm ² about 1000m
73	Mr. Treung San	Built MV line about 9000m in expanded area
74	Mr. Mean Vanna	Replaced old poles along NR by concrete poles and replaced old conductor by ABC 4x35 mm ² about 2000m
75	Mr. Chhay Kim Huor	Replaced all old poles by concrete poles and replaced all old conductor by ABC 70, 50 and 35 mm ²
76	Mr. Quach Edward	Built new LV line by ABC 50 mm ² about 7088 m in expanded area
77	Mrs. Chao Nuy	Changed 20 old poles by 9m concrete poles and is changing old conductor by new with bigger cross section
78	Mr. Vorn Yeang	Changed old conductor by new ABC 4x35 mm ² about 400m and change 20 old poles by 9m concrete poles
79	Mr. Thon Theun	Changed old 2x16 mm ² Cu conductor to ABC 4x35 mm ² about 1000m
80	Mr. Sok Vitith	Changed 7 old poles by 9m concrete poles and replaced old conductor by ABC 4x70 mm ² about 1000m and ABC 4x35 mm ² about 1000m
81	Mr. Muon Han	Replaced old conductor by ABC 2x50 mm ² about 500m
82	Mr. Ly Sok Kry	Replaced 119 old poles by 9m concrete poles and replaced old line by ABC 70 mm ² about 1700m
86	Mr. Koeung Rithy	Constructed MV line to connect to Khmer Electricity Service MV line and LV line in the expanded area
95	Mrs. Chan Simoly	Replaced 35 old poles by 9m concrete poles and replaced old

		conductor by ABC 4x35 mm ² about 1500m
97	Mr. Yin Each	Replaced 52 old poles by 9m concrete poles
102	Mr. Preap Vannaret	Replaced 42 old wooden poles by new wooden poles and replaced old line by PVC Al conductor 2x35 mm ² about 1200m and 2x50 mm ²
103	Mr. Nhem Phany	Built MV line with 3x50 mm ² and built LV line with ABC 4x150 mm ² about 2000m on concrete poles
105	Mr. Soeung Sovanna	Replaced 25 old poles by 9m concrete poles and replaced old conductor by ABC 4x50 mm ² about 1000m
109	Mrs. Tieng Chenda	Replaced old conductor by ABC 4x95 mm ² about 2450m and 4x50 mm ² about 1050m
110	Mrs. Sea Kech	Reconstructed the entire network
114	Mrs. Chea Ting	Replaced bare conductor by PVC Al 50 mm ² about 980m and replaced 80 old wooden poles by new wooden poles
117	Mr. Dung Ly	Expanded network by constructing new line PVC 2x50 mm ² and 2x35 mm ² about 1000m on 30 new concrete poles
118	Mrs. Sok Kheng	Replaced 38 old poles by new concrete poles and replaced old bare conductors by PVC
119	Mr. Un Sothea	Repaired some old poles and replaced part of single phase line to three phase line. Replaced old line by new line about 1000m
124	Mr. Yeab Lao	Replaced old line by PVC about 2000m
125	Mr. Yuork Savong	Replaced about 2000m old line using ABC conductor and concrete poles
130	Mr. Try Leng	Rebuilt network using good wooden poles and ABC conductors
133	Mr. Hak Lyseng	Replace old line by new ABC 4x70 mm ² about 135m, 4x50 mm ² about 1000m and replaced 15 old poles
136	Mr. Men Kunthae	Replaced about 600m old line by ABC 35 mm ²
141	Mr. Chaing Kun	Replaced 70 old wooden poles by concrete poles

Chapter 5

Cost of Electricity from Independent Power Producers And Import from Neighboring Countries And Electricity Tariff of Licensees

CHAPTER 5

Cost of Electricity from Independent Power Producers and Import from Neighboring Countries and Electricity Tariff of Licensees

5.1 Cost of Electricity from Independent Power Producers

Cost of Electricity per kilowatt-hour during each month of the year 2007 for each Independent Power Producers generating electricity for sale to EDC at different location and to distribution licensees at some provincial towns are given below.

Table 133: Cost of Electricity per kWh from Independent Power Producers

Name of Independent Power Producer	Cost in US Cents per kWh for the first 6 months of the year 2007					
	Jan	Feb	Mar	Apr	May	Jun
CUPL, Phnom Penh	15.89	15.85	16.98	16.79	18.02	18.17
CETIC, Kirirom 1	7.00	7.00	7.00	7.00	7.00	7.00
Khmer Electrical Power Co., Ltd Phnom Penh	11.91	12.47	12.70	13.67	13.83	14.01
City Power Group Corporation Phnom Penh	12.76	13.60	13.53	14.70	14.78	15.00
Colben Energy (Cambodia) Limited Phnom Penh	12.81	12.96	13.62	14.69	14.81	15.08
SHC (Cambodia) Intl Pte Ltd Phnom Penh					24.01	24.09
(Cambodia) Electricity Private Co., Ltd Phnom Penh	11.91	12.49	12.71	13.69	13.84	14.01
SL Garment Processing (Cambodia) Ltd, Phnom Penh	7.00	7.00	7.00	7.00	7.00	7.00
Global Technological Support SDN BHD, Kampong Cham	22.25	23.86	24.50	25.94	26.23	26.32
SHC (Cambodia) Intl Pte Ltd Siem Reap	20.82	21.82	22.18	24.09	24.14	24.20
SHC (Cambodia) Intl Pte Ltd Rattanakiri					24.64	24.72
Colben Energy (Cambodia) Limited Sihanoukville	13.04	13.64	13.98	15.06	15.05	15.41
Edward Energy Supply Co., Ltd Kampong Chhanang	19.11	19.69	20.08			
S.O.K Company Limited, Kampong Chhanang			19.71	21.56	21.70	21.86
Han Seng Land and Property Co., Ltd Pursat	19.07	20.10	20.09	21.59	21.70	21.94
Kampot Power Plant Co., Ltd Kampot				391.0	78.07	44.98

Name of Independent Power Producer	Cost in US Cents per kWh for the Second 6 months of the year 2007					
	Jul	Aug	Sep	Oct	Nov	Dec
CUPL, Phnom Penh	18.42	18.98	19.19	19.39	20.03	22.45
CETIC, Kirirom 1	7.00	7.00	7.00	7.00	7.00	7.00
Khmer Electrical Power Co., Ltd Phnom Penh	14.66	14.62	14.87	15.90	17.62	16.96
City Power Group Corporation Phnom Penh	15.56	15.76	15.83	16.43	19.05	17.95
Colben Energy (Cambodia) Limited Phnom Penh	15.70	15.69	16.01	17.12	18.91	18.32
SHC (Cambodia) Intl Pte Ltd Phnom Penh	24.93	24.35	25.81	26.41	29.11	28.85
(Cambodia) Electricity Private Co., Ltd Phnom Penh	14.66	14.64	14.92	15.90	17.76	17.08
SL Garment Processing (Cambodia) Ltd, Phnom Penh	7.00	7.00	7.00	7.00	7.00	7.00
Global Technological Support SDN BHD, Kampong Cham	27.13	26.55	28.16	29.14	25.30	19.21
SHC (Cambodia) Intl Pte Ltd Siem Reap	25.03	24.46	25.94	26.55	29.31	
SHC (Cambodia) Intl Pte Ltd Rattanakiri	25.55	29.58	26.43	29.63	36.91	34.90
Colben Energy (Cambodia) Limited Sihanoukville	16.15	16.00	16.36	18.02	19.26	18.53
S.O.K Company Limited, Kampong Chhanang	22.64	22.72	23.10	23.79	26.93	25.80
Han Seng Land and Property Co., Ltd Pursat	22.64	22.73	23.10	23.79	26.92	25.80
Kampot Power Plant Co., Ltd Kampot	41.24	28.90	23.16	23.29	12.74	9.19

5.2 Cost of Electricity per kWh Imported from Neighboring Countries

Cost of electricity imported from Vietnam and Thailand is charged according to the agreements signed with the two countries. Accordingly during 2007, Vietnam charged a fixed rate of 6.9 US Cents per kWh for electricity imported at medium voltage at Memut and Ponhea Krek in Kampong Cham Province, Bavit and Svay Rieng in Svay Rieng Province, Kampong Trach in Kampot Province, Koh Thom in Kandal Province, Snoul in Kratie Province and Keoseyma in Mondulkiri Province.

Cost of electricity imported from Thailand at 22 kV is as per the two part – time of use tariff of Provincial Electricity Authority for the applicable category of consumer. The tariff has demand charges (Baht per kilowatt of maximum demand), energy charges (Baht per kWh with different rates for energy drawn during peak and off-peak hours), service charges (fixed charge as Baht per month), power factor penalty (Baht per excess KVAR) and Ft (change in expenses charge in Baht/kWh). Because of such tariff structure, the cost of electricity varies in different months due to different use conditions. During November 2007, EDC started the import of electricity from Thailand through the 115 kV line. The tariff for this import at 115 kV from Thailand consists of fixed energy charge as Baht per kWh and Ft (change in expenses charge in Baht/kWh). The

Electricity Authority of Cambodia

cost of electricity per kilowatt-hour in a month during 2007 imported from Thailand by different licensees is given below.

Table 144: Cost of Electricity per kWh from Thailand

Licensee	Cost of Electricity in Baht per kWh for the first 6 months of the year 2007					
	Jan	Feb	Mar	Apr	May	Jun
Anco Brothers Co., Ltd, Poipet	3.06	3.05	3.00	3.01	3.03	3.00
Duty Free Shop Co., Ltd, Kohkong	3.02	3.06	2.93	2.90	2.94	2.86
Duty Free Shop Co., Ltd, Osmach	3.08	3.10	2.96	2.93	3.02	2.87
MSP Dev. Co., Ltd, Pailin	3.11	3.10	3.00	2.93	2.97	2.95
Franasie Imp. Exp. Co. Ltd, Kamrieng	3.13	3.07	3.01	2.94	2.98	2.96
Franasie Imp. Exp. Co. Ltd, Sampeou Loun	3.38	3.33	3.27	3.26	3.27	3.26
Franasie Imp. Exp. Co. Ltd, Phnom Preuk	3.27	3.24	3.15	3.12	3.16	3.13
Sinn Khim Impo.-Expo. Co. Ltd, Malay	3.32	3.29	3.21	3.12	3.18	3.17

Licensee	Cost of Electricity in Baht per kWh for the last 6 months of the year 2007					
	Jul	Aug	Sep	Oct	Nov	Dec
Anco Brothers Co., Ltd, Poipet	2.94	2.87	2.90	2.85	2.91	2.94
Duty Free Shop Co., Ltd, Kohkong	2.95	2.86	2.93	2.90	2.90	2.94
Duty Free Shop Co., Ltd, Osmach	2.97	2.92	2.94	2.94	2.95	2.92
MSP Dev. Co., Ltd, Pailin	2.91	2.97	2.93	2.94	3.00	2.87
Franasie Imp. Exp. Co. Ltd, Kamrieng	2.92	2.97	2.93	2.94	3.00	2.86
Franasie Imp. Exp. Co. Ltd, Sampeou Loun	3.20	3.28	3.20	3.21	3.28	3.08
Franasie Imp. Exp. Co. Ltd, Phnom Preuk	3.10	3.15	3.09	3.10	3.17	2.98
Sinn Khim Impo.-Expo. Co. Ltd, Malay	3.15	3.21	3.15	3.15	3.21	3.04
Electricite Du Cambodge, Banteay Meanchey					2.82	2.82

5.3 Electricity Tariff for Purchases from Neighboring Licensees

With the extension of Sub-Transmission System at 22 kV gradually more and more licensees are purchasing cheaper electricity from neighboring licensees. During 2007, ten licensees purchased electricity from another distribution or consolidate licensee. The tariffs applicable for such purchases are as follows:

1. Reeco Company, License No. 050L, supplying electricity in Kandal Province purchased energy from EDC at a tariff of 530 Riels per kWh
2. Akissni Keansvay Co. Ltd, License No. 150L, supplying electricity in Kandal Province purchased energy from EDC at a tariff of 630 Riels per kWh
3. Khmer electricity Service Co., Ltd, License No. 151L, supplying electricity in Kandal Province purchased energy from EDC at a tariff of 630 Riels per kWh
4. Electricity Development and Construction Company, License No. 122L, supplying electricity in Kampong Cham Province purchased energy from EDC at a tariff of 10 US Cents per kWh.
5. Kep Power Supply Co. Ltd, License No. 180L, supplying electricity in Kampot Province and Krong Kep purchased energy from EDC at a tariff of 7.383 US Cents

per kWh plus Annual Charge of USD 8000 per year plus License fee on import of energy

6. Vannakpheap Development Co., Ltd, License No. 089L, supplying electricity in Pailin City purchased energy from MSP Development Co., Ltd at a tariff of 6 Bahts per kWh.
7. Mr. Koeung Rithy, License No. 086L, supplying electricity in Kandal Province purchased energy from Khmer electricity Service Co., Ltd at a tariff of 730 Riels per kWh.
8. Lim Heng Group Co, Ltd, License No. 138L, supplying electricity at O-Rusey Market, Phnom Penh purchased electricity from EDC at the tariff applicable to Big Consumer.

5.4 Electricity Tariff

5.4.1 Electricity Tariff of Licensees approved and revised by EAC

There was frequent rise in the cost of Diesel during 2007, resulting in frequent change in the cost of generation and supply. In order to quickly reflect the cost in the tariff, EAC implemented Fuel Cost Adjustment (FCA) mechanism in the tariff. Under this mechanism the tariff was determined for different slab rates of fuel (diesel) so that for only change in the cost of fuel, the corresponding tariff could be approved by EAC without the need of further public consultation thereby reducing the time for decision.

During 2007, EAC has approved or revised the tariff of licensees as given in the following Table.

Table 155: Electricity Tariff of Licensees approved by EAC during 2007

License Number and Licensee	Area of supply	Electricity Tariff per kWh	Condition of Tariff	Tariff effective for invoices issued from	Decision Process and Date
088L Mr. Khun Sophal	Oreang Ov District Town, Kampong Cham Province	2,300 Riels	All Sectors	01 February 2007	90 th Session, 18 January 2007
001L EDC	Memut	500 Riels	Bun Rany Hun Sen Primary and High School	01 February 2007	92 nd Session, 8 February 2007
006L Mr. Huor Peng	Kampong Thmar town, Kampong Thom Province	2,000 Riels	All Sectors	25 March 2007	96 th Session, 14 March 2007
077L Mrs. Chao Nuy	Phsar O-Snguot Town, Khum O-Prasat, Banteay MeanChey Province	2,600 Riels	All Sectors	25 March 2007	97 th Session, 15 March 2007
080L Mr. Sok Vitith	Phsar Banteay Neang Town, Banteay Meanchey Province	2,600 Riels	All Sectors	25 March 2007	97 th Session, 15 March 2007
105L	Phsar Phnom Thom	2,600 Riels	All Sectors	25 March	97 th Session,

Electricity Authority of Cambodia

Mr. Soeung Sovanna	Tbong Town, Banteay Meanchey Province			2007	15 March 2007
091L Mr. Sun Pov	Khum Prek Khpob and Prek Luong, Battambang Province	2,400 Riels	All Sectors	1 April 2007	98 th Session, 22 March 2007
110L Mrs Sea Kech	District Town of Mongrusey, RH side from Phnom Penh Battambang Province	2,400 Riels	All Sectors	1 April 2007	98 th Session, 22 Mar 2007
		FCA Mech.			118 th Session, 27 Dec. 2007
		2,500 Riels	All Sectors	1 January 2008	FCA 27 Dec. 2007
109L Mrs Tieng Chenda	District Town of Mongrusey, LH side from Phnom Penh Battambang Province	2,400 Riels	All Sectors	1 April 2007	98 th Session, 22 Mar 2007
		FCA Mech.			118 th Session, 27 Dec. 2007
		2,500 Riels	All Sectors	1 January 2008	FCA 27 Dec. 2007
033L Mr. Chhuor Nguon	Phsar Boeung Khna Town, Khum Boeung Khna, Bakan District, Pursat Province	2,400 Riels	All Sectors	1 April 2007	98 th Session, 22 Mar 2007
		FCA Mech.			106 th Session, 31 Jul 2007
		2,600 Riels	All Sectors	1 August 2007	FCA 31 Jul 2007
		2,700 Riels	All Sectors	1 Nov 2007	FCA 1 Nov 2007
		2,900 Riels	All Sectors	1 Dec. 2007	FCA 3 Dec 2007
034L Mr. Toem Touch	Khum Trapaing Chong, Bakan District, Pursat Province	2,400 Riels	All Sectors	1 April 2007	98 th Session, 22 Mar 2007
		FCA Mech.			106 th Session, 31 Jul 2007
		2,600 Riels	All Sectors	1 August 2007	FCA 31 Jul 2007
		2,700 Riels	All Sectors	1 Nov 2007	FCA 1 Nov 2007
		2,900 Riels	All Sectors	1 Dec. 2007	FCA 3 Dec 2007
125L Mr. Yuork Savong	Krakor District Town, Pursat Province	2,400 Riels	All Sectors	1 April 2007	98 th Session, 22 Mar 2007
		FCA Mech.			106 th Session, 31 Jul 2007
		2,600 Riels	All Sectors	1 August 2007	FCA 31 Jul 2007
		2,700 Riels	All Sectors	1 Nov 2007	FCA 1 Nov 2007
		2,900 Riels	All Sectors	1 Dec. 2007	FCA 3 Dec 2007
124L Mr. Yeab Lao	Phnom Kravanh District Town, Pursat	2,400 Riels	All Sectors	1 April 2007	98 th Session, 22 Mar 2007

Electricity Authority of Cambodia

	Province	FCA Mech.			106 th Session, 31 Jul 2007
		2,600 Riels	All Sectors	1 August 2007	FCA 31 Jul 2007
		2,700 Riels	All Sectors	1 Nov 2007	FCA 1 Nov 2007
		2,900 Riels	All Sectors	1 Dec. 2007	FCA 3 Dec 2007
043L Mr. Lay Se	Thmor Kol Town, Battambang Province	2,400 Riels	All Sectors	1 June 2007	99 th Session, 8 May 2007
097L Mr. Yin Ech	Angkor Chey District town, Kampot Province	2,300 Riels	All Sectors	1 June 2007	99 th Session, 8 May 2007
037L Mr. Eang Seng Hy	Phsar Rokakong Town, Muk Kompul District, Kandal Province	2,300 Riels	All Sectors	1 June 2007	99 th Session, 8 May 2007
		FCA Mech.			118 th Session, 27 Dec. 2007
		2,500 Riels	All Sectors	1 January 2008	FCA 27 Dec. 2007
158L Electricity Unit of Mondulkiri Province	Keoseyma District Town, Mondulkiri Province	650 Riels	Small and Medium Consumers	1 July 2007	103 rd Session, 27 June 2007
		11.5 UScents	Big Consumers		
150L Akissni Keansvay Co. Ltd	Khum Korky, Dey-Et, Chheur Teal and Kampong Svay, Kandal Province	1,100 Riels	All Sectors	1 August 2007	106 th Session, 31 July 2007
86L Mr. Koeung Rithy	Phsar Northern Saang Town, Kandal Province	1,150 Riels	All Sectors	1 August 2007	106 th Session, 31 July 2007
001L EDC	Kampot	1,100 Riels	All Sectors	1 Sept. 2007	107 th Session, 30 Aug. 2007
023L Mr. Khun Sambo	Phsar Preytoteung Town, Kompong Cham Province.	FCA Mech.			116 th Session, 4 Dec 2007
		2,500 Riels	All Sectors	1 January 2008	FCA 27 Dec. 2007
038L Mr. Sieng Seng	Phsar Chamkar Leu Town, Chamkaleu District, Kampong Cham Province	FCA Mech.			116 th Session, 4 Dec 2007
		2,700 Riels	All Sectors	1 January 2008	FCA 27 Dec. 2007
056L Mrs. Nhek Theary	Phsar Bos Knor Town, ChamKar Leu District, and Troeung Town, Prey Chhor District, Kg Cham Province	FCA Mech.			116 th Session, 4 Dec 2007
		2,700 Riels	All Sectors	1 January 2008	FCA 27 Dec. 2007
074L Mr. Mean Vanna	Phsar Svay Teab Town, Khum Svay Teab, Kg Cham Province	FCA Mech.			116 th Session, 4 Dec 2007
		2,700 Riels	All Sectors	1 January 2008	FCA 27 Dec. 2007

075L Mr. Chhay Kim Huor	Phsar Speu Town, Khum Speu and Khum Chayo, Kg Cham Province	FCA Mech.			116 th Session, 4 Dec 2007
		2,700 Riels	All Sectors	1 January 2008	FCA 27 Dec. 2007
041L Mr. Ty Sokorn	Kampong Tralach District Town, Kampong Chnang Province	FCA Mech.			118 th Session, 27 Dec 2007
		2,500 Riels	All Sectors	1 January 2008	FCA 27 Dec. 2007
028L Mr. Samreth Sothy	Sre Ambel District Town, Koh Kong Province	FCA Mech.			118 th Session, 27 Dec 2007
		2,500 Riels	All Sectors	1 January 2008	FCA 27 Dec. 2007

5.4.2 Tariff of EDC for Phnom Penh and Kandal Province

The electricity tariff of EDC for Phnom Penh and Kandal Province and for Provincial Town of Kampong Speu as on 31st December 2007 is given in the Tables below.

Table 16: Tariff of EDC for Phnom Penh and Kandal Province

Category of Consumer	Electricity Tariff, Riels/kWh	Condition
Domestic	390	All kWh if consumption up to 50 kWh/Month
	610	All kWh if consumption between 51 to 100 kWh/Month
	720	All kWh if consumption more than 100 kWh/Month.
Embassy, NGO and Foreigner's Residence	890	
Customer paying by Government budget	780	
Commercial (business) and Industrial customers	Tariff rate = average cost of total electricity purchased in previous month + 3.6 US Cents/kWh	For small commercial and Industrial customers
	Tariff rate = average cost of total electricity purchased in previous month + 2.8 US Cents/kWh	For medium commercial and Industrial customers
	Tariff rate = average cost of total electricity purchased in previous month + 2.4 USCents/kWh	For big commercial and Industrial customers
	Tariff rate = average cost of total electricity purchased in previous month + 2.0 USCents/kWh	For commercial and Industrial Customer who is directly connected to MV

Table 17: Electricity Tariff of EDC for Provincial Town of Kampong Speu

Category of Consumer	Electricity Tariff, Riels/kWh	Condition
Domestic	720	
Embassy, NGO and Foreigner's Residence	890	
Customer paid by Government budget	780	
Commercial (business) and Industrial customers	Tariff rate = average cost of total electricity purchased in previous month + 3.6 US Cents/kWh	For small commercial and Industrial customers
	Tariff rate = average cost of total electricity purchased in previous month + 2.8 US Cents/kWh	For medium commercial and Industrial customers
	Tariff rate = average cost of total electricity purchased in previous month + 2.4 US Cents/kWh	For big commercial and Industrial customers
	Tariff rate = average cost of total electricity purchased in previous month + 2.0 US Cents/kWh	For commercial and Industrial Customer who is directly connected to MV

The tariff for commercial and industrial consumers calculated on the basis given in the Tables above for different months is given in the following Table.

Table 18: Tariff of EDC for Phnom Penh and Kandal Province and Provincial Town of Kampong Speu for Commercial and Industrial Consumers

Category of Consumers	Tariff in US Cents for Consumption during the month of					
	Jan 2007	Feb 2007	Mar 2007	Apr 2007	May 2007	Jun 2007
Small	16.93	16.64	17.02	17.47	18.06	18.40
Medium	16.13	15.84	16.22	16.67	17.26	17.60
Big	15.73	15.44	15.82	16.27	16.86	17.20
MV	15.33	15.04	15.42	15.87	16.46	16.80

Category of Consumers	Tariff in US Cents for Consumption during the month of					
	July 2007	August 2007	Sept 2007	Oct 2007	Nov 2007	Dec 2007
Small	18.59	18.48	18.73	19.11	19.63	21.12
Medium	17.79	17.68	17.93	18.31	18.83	20.32
Big	17.39	17.28	17.53	17.91	18.43	19.92
MV	16.99	16.88	17.13	17.51	18.03	19.52

5.4.3 Electricity Tariff of EDC at Provincial Towns, Cities and Town Centers

The electricity tariff of EDC for Provincial Towns, Cities and Town centers as on 31st December 2007 is given in the Tables below.

Table 19: Electricity Tariff of EDC for Sihanoukville

Consumer	Category	Electricity Tariff per kWh
Domestic	all	720 Riels
Embassy, NGO and Foreigner's Residence	Small	20.0 USCents
	Medium	18.4 USCents
	Big	17.0 USCents
	Medium Voltage	16.0 USCents
Customer paid by Government budget	all	760 Riels
Commercial customer	Small	19.5 USCents
	Medium	18.0 USCents
	Big	16.4 USCents
	Medium Voltage	15.0 USCents
Industrial and workshop customer	Small	17.5 USCents
	Medium	16.0 USCents
	Big	14.7 USCents
	Medium Voltage	13.5 USCents

Table 20: Electricity Tariff of EDC for Provincial Town of Siem Reap

Category of Consumer	Electricity Tariff, Riels/kWh
Small consumer	870
Medium consumer	830
Big consumer	780
MV Customer	720

Table 21: Electricity Tariff of EDC for other Provincial Towns and Town Centers

Distribution Areas of EDC	Electricity Tariff per kWh	Condition
Provincial Town of Kampong Cham	940 Riels	all consumer
Provincial Town of Steung Treng	1,220 Riels	all consumer
Provincial Town of Rattanakiri	670 Riels	all consumer
Provincial Town of Banteay Meanchey and Monkol Borey District Town	1,220 Riels	all consumer
Provincial Town of Kampot	1,100 Riels	all consumer
Provincial Town of Prey Veng	1,220 Riels	all consumer
Provincial Town of Battambang	27.2US cents	all consumer
Provincial Town of Takeo and Ang Tasom Center	1,000 Riels	all consumer
Memot, Pohnea Krek and Bavet	500 Riels	Bun Rany Hun Sen Primary and High School
	650 Riels	Small Consumers
	12.5 US Cents	Medium Consumers
	11.5 US Cents	Medium Voltage
Kampong Trach	650 Riels	Small and medium consumers

Electricity Authority of Cambodia

	11.5 US Cents	Big consumers
Svay Rieng, Kampong Row, Svay Teap	650 Riels	all consumers

5.4.4 Electricity Tariff for electricity supply areas of other licensees

Information on electricity tariffs for electricity supply areas of other licensees is shown in **Annex 8**.

Chapter 6

Report on Generation, Import, Transmission and Supply of Electricity

CHAPTER 6

Report on Generation, Import, Transmission and Supply of Electricity

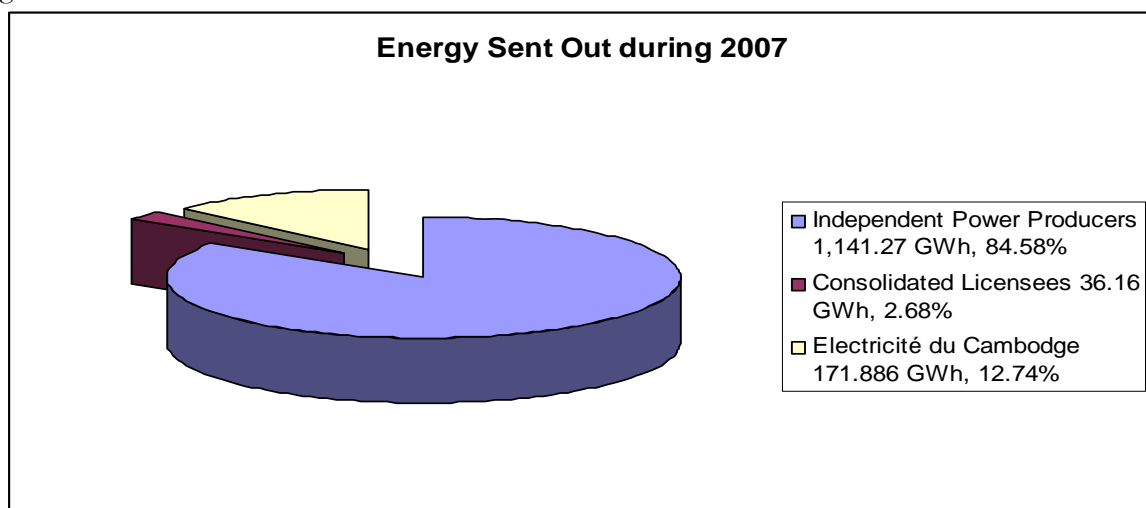
The present power system in the Kingdom of Cambodia still consists of many isolated systems. Phnom Penh, most of the provincial towns and other small towns have their own power system. In 2007, the 115 kV line from Thailand with sub-stations at Banteay Meanchey, Battambang and Siem Reap have been commissioned to supply electricity to the systems at these three provincial towns. MV lines are planned to be constructed soon to supply areas around these three sub-stations with grid-quality supply. Licensees in other towns, close to Cambodia - Vietnam border and Cambodia - Thai border, purchase electricity from neighboring countries for supply to the consumers in their areas. Other areas have their own generation facilities. The biggest power system is Phnom Penh power system. It supplies electricity to Phnom Penh and areas around it.

6.1 Electricity Generation and Installed Capacity

6.1.1 Generation by Licensee category

Two types of licensees generate electricity in the Kingdom of Cambodia. Independent Power Producers who have generation licenses generate and sell electricity to a supplier or industries as per Power Purchase Agreement with that supplier or industry and Consolidated Licensees generate electricity for supply to consumers through its distribution system. Electricité du Cambodge is the biggest consolidated licensee.

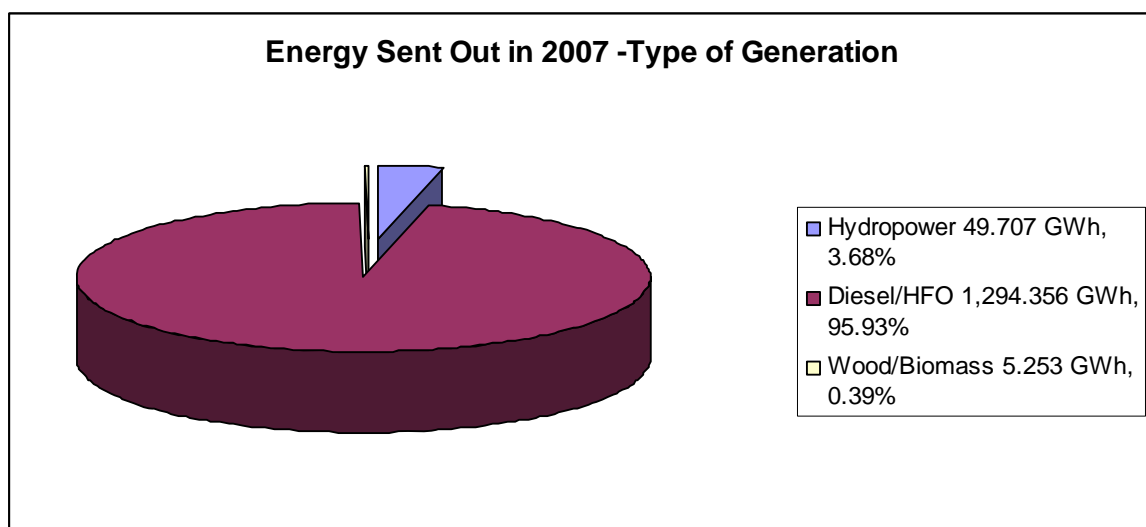
The information on operation data of individual Generation Licensees, Electricite du Cambodge and Consolidated Licensees is given in **Annex 3**, **Annex 5** and **Annex 6** respectively. The summary information about installed capacity and energy sent out by the Independent Power Producers, EDC and Consolidated licensees is given in **Annex 2(a)**. The quantum of energy sent-out by the Independent Power Producers, EDC and Consolidated licensees is shown in the graphic given below.



6.1.2 Generation by Type of Generation Facilities

For the year 2007, electricity generation facilities in the Kingdom of Cambodia can be divided into 3 types: 1 - Hydropower Plants, 2 - Diesel power Plants and 3 – Plants using wood and other biomass. There are two Hydropower Plants, one at Kirirom connected to Phnom Penh power system and the other one at Ratanakiri connected to Ratanakiri power system of EDC. Mr. Dung Lay, supplying electricity at Ang Long Tamey (Battambang Province), and SL Garment Processing (Cambodia) Ltd, supplying its part of generation to EDC Phnom Penh, use wood, agricultural products or waste as fuel for generation of electricity. Mrs. Touch Mantha, supplying electricity at Khum Phnom Sampov (Battambang Province) uses agricultural waste supplemented by diesel as fuel for generation of electricity. All other power plants of the licensees are diesel power plants using Heavy Fuel Oil (HFO) and Light Diesel Oil (LDO). The summary information on installed capacity and energy sent out by type of generation is given in **Annex 2(b)**.

The quantum of energy sent-out by the Independent Power Producers, EDC and Consolidated licensees classified by generation type is shown in the graphic given below.



6.1.3 Generation by Capacity of Generation Plant

The capacity of the machines for the generation facilities of the Licensees varies widely. The biggest capacity of the machines is 8,032 kW and the smallest capacity of the machines is 8 kW. The generation plants of licensees have one machine or more than one machine and the capacity of the generation plant at different power houses also varies widely. The largest plant capacity of 48,192 kW is that of KEP and CEP at Phnom Penh and the smallest plant capacity of a licensee is 12 kW of Mr. Dung Ly at Phum Ang Long Tamey, Khum Chheuteal, Banorn District, Battambang province, which is the power plant operated by biomass energy. Summary information about the energy sent-out classified by generation plant size is shown in **Annex 2(c)**.

6.1.4 Installed Capacity in all 24 cities/Provinces

The province-wise information on the installed generation capacity of licensees operating in different cities/provinces as on December 31, 2007 is given in Table below.

Table 22: Information on total installed generation capacity of Licensees in each City/Province

No.	Name of City/Province	Installed Capacity, kW
1	Banteay Meanchey	3,951.6
2	Battambang	1,414
3	Kampong Cham	17,003.6
4	Kampong Chhnang	2,975
5	Kampong Speu	13,562
6	Kampong Thom	3,130
7	Kampot	6,173
8	Kandal	2,226.4
9	Koh Kong	816
10	Kratie	232
11	Mondol Kiri	-
12	Phnom Penh	218,255
13	Preah Vihear	1,160
14	Prey Veng	4,418
15	Pursat	2,498.8
16	Ratanakiri	1,952
17	Siem Reap	11,658.4
18	Sihanoukville	16,376.4
19	Stueng Treang	1,640
20	Svay Rieng	1,000
21	Takeo	3,910.1
22	Uddor Meanchay	60
23	Krong Kaeb	-
24	Pailin	-
	Total	314,412.3

6.2 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, Cambodia imports electricity from Thailand and Vietnam. Initially this import was only at MV (22 kV or 15 kV) to supply to areas close to the Cambodia - Thai and Cambodia - Vietnam borders. Based on the Electricity Trade Agreement between Ministry of Industry, Mines and Energy of Cambodia with the Ministry of Industry of Vietnam, some government companies such as EDC, Electricity of Kratie and Electricity of Mondul Kiri have signed Power Purchase Agreements with Vietnam Power No.2 for import of electricity at a number of points for supply of electric energy to areas located near the Cambodia – Vietnam border either by them or through other licensees. Some private companies

Electricity Authority of Cambodia

have received the right from MIME to purchase electricity from Provincial Electricity Authority of Thailand for supply to areas near Cambodia – Thai border.

This co-operation has now been extended for import at HV and EDC started importing from Thailand at 115 kV from November 2007 through the newly constructed North-Western Grid of Cambodia for supply to areas in Banteay Meanchey, Battambang and Siem Reap provinces.

Contracted capacity and quantity of electricity imported for year 2006 and 2007 by licensees and their areas of supply are given in the Table below:

Table 23: Contracted capacity and Energy Imported from Neighboring Countries

Name of the Licensee	Area of Supply	Contracted Capacity, kW	Energy Imported, kWh		
			Year 2006	Year 2007	Incremental %
1. Energy Imported from Thailand					
Franasie Import Export Co., Ltd	District Center of Kamrieng	1,000	3,382,548	3,886,264	14.89
	District Center of Phnom Preuk	1,000	1,040,196	1,167,084	12.20
	District Center of Sampeou Loun	1,000	1,388,556	1,619,940	16.66
M.S.P. Development Co. Ltd	Phum Phsar Prum	2,500	6,390,400	8,835,640	38.26
Anco Brothers Co., Ltd.	Ochraov District	5,000	27,566,400	34,168,320	23.95
Duty Free Shop Co. Ltd	Provincial Town of Koh Kong	2,000	13,938,480	16,234,020	16.47
	Osmarch Town	2,000	8,844,080	9,858,400	11.47
Sinn Khim Import Export Co., Ltd	Malay District town	1,000	621,732	716,928	15.31
Electricité du Cambodge	North-Western Grid	80,000		13,821,500	
Total		95,500	63,172,392	90,308,096	42.96
2. Energy Imported from Vietnam					
Electricité du Cambodge	Ponhea Krek District	700	11,821,700	16,555,300	40.04
	Memot District	1,750	11,845,000	12,596,500	6.34
	Bavit commune	800	14,701,200	27,065,400	84.10
	Kampong Trach	1,000	1,628,200	6,699,130	311.44
	Svay Rieng	2,000	2,108,800	5,336,400	153.05

Anco Brothers Co., Ltd	Chrey Thom and Saang District	1,000	2,935,800	7,136,400	143.08
Electricity of Kratie Province	Snoul District, Kratie Province	1000	1,484,700	1,575,700	6.13
Electricity Unit of Mondolkiri Province	Keoseyma District Town, Monolkiri Province	1,000		140,900	
Total		9,250	46,525,400	77,105,730	65.73
3. Total from Thailand and Vietnam		104,750	109,697,792	167,413,826	52.61

6.3 Electricity Purchase from neighboring licensed zone

The number of licensees purchasing electricity from another distribution or consolidated licensee has increased to 9. The energy purchased by these licensees during 2007 is given in the following Table.

Table 24: Energy Purchased from neighboring Licensees

Buyer	Distribution zone	Purchased from	Energy Purchased in kWh
Vannakpheap Dev. Co, Ltd.	Pailin	MSP Dev. Co, Ltd.	2,006,410
Electricity Dev. And Const. Co, Ltd.	Steung town	EDC Pohnea Krek	11,326,755
REECo	Preakhmey	EdC, Phnom Penh	935,223
Khmer Electricity Services Co., Ltd	Khum Svayrolum and Setbo	EdC, Phnom Penh	941,970
Akissni Keansvay Co, Ltd	Khum Korky and Dey-Et	EdC, Phnom Penh	98,838
Koeung Rithy	Phsar Northern Saang Town	Khmer Electricity Services Co., Ltd	506,397
Kep Power Supply Co. Ltd	Kep City	EDC, Kampong Trach	615,730
EDC Kampot	Kampot	Kep Power Supply Co. Ltd	3,849,070
Lim Heng Group Co., Ltd	Phsar O Russey	EdC, Phnom Penh	2,792,975

6.4 Electricity Transmission

6.4.1 High Voltage Transmission and Grid-Substation

By end of the year 2007, three high voltage lines were in operation: 115kV line around Phnom Penh, 115kV line from Kirirom 1 hydropower plant to Phnom Penh distribution system and 115 kV line from Thai border to Banteay Meanchey – Siem Reap and Battambang. Considering the purpose of utilization, the 115kV line around Phnom Penh is considered as

Electricity Authority of Cambodia

operating for distribution services and 115kV transmission line transmitting electricity from Kirirom 1 hydropower plant to Phnom Penh's distribution system and 115kV transmission line transmitting electricity from Thailand to Banteay Meanchey – Siem Reap and Battambang is considered as operating for transmitting electricity.

The summary information on High Voltage Transmission is given in Table 25 and on Grid-Substation is given in Table 26 below.

Table 25: Information about High Voltage Transmission Lines

No.	Name of Transmission Line	Ownership	Detail Information
1	Transmission line around Phnom Penh	EDC	Voltage: 115 kV Length: 22.71 Km Purpose: connects all 3 Grid - substation in Phnom Penh to stabilize and provide continuous of electricity supply
2	Transmission (Overhead Line) Kirirom 1 – Kampong Speu – Phnom Penh	EDC	Voltage: 115 kV Length: 111.24 Km Purpose: transmit electricity from Kirirom 1 hydropower plant to Kampong Speu and Phnom Penh
3	Transmission Line from Thai Border to Banteay Meanchey – Siem Reap and Battambang	CPTL	Voltage 115 kV Length: 221 Km Purpose: Import Electricity from Thailand to supply to Banteay Meanchey – Siem Reap and Battambang Areas

Table 26: Information about High Voltage Grid-Substation

No	Name of Substation	Ownership	Detail Information
1	Substation No. 1 – Phnom Penh	EDC	Voltage: 115/22/15 kV Number and Size of Transformers: 2 x 30 MW Number of Outgoing Distribution Feeders: 15 Number of Incoming Distribution Feeders: 4 Total Number of Distribution Feeders: 19
2	Substation No. 2 – Phnom Penh	EDC	Voltage: 115/22/15 kV Number and Size of Transformers: 1 x 30 MW Number of Outgoing Distribution Feeders: 13 Number of Incoming Distribution Feeders: 7 Total Number of Distribution Feeders: 20
3	Substation No. 3 – Phnom Penh	EDC	Voltage: 115/22 kV and 22/15 kV Number and Size of Transformers: 1 x 30 MW and 1 x 10 MW

			Number of Outgoing Distribution Feeders: 12 Number of Incoming Distribution Feeders: 4 Total Number of Distribution Feeders: 16
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
5	Substation Industrial Zone at Thai Border	CPTL	Voltage: 115 kV Number of 115 kV feeder bays: 2
6	Substation Banteay Meanchey	CPTL	Voltage: 115/22 kV Number of 115 kV feeder bays: 3 Number and Size of Transformers: 1 x 25 MVA Number of Outgoing Distribution Feeders: 3
7	Substation Siem Reap	CPTL	Voltage: 115/22 kV Number of 115 kV feeder bays: 1 Number and Size of Transformers: 1 x 50 MVA Number of Outgoing Distribution Feeders: 5
8	Substation Battambang	CPTL	Voltage: 115/22 kV Number of 115 kV feeder bays: 1 Number and Size of Transformers: 1 x 25 MVA Number of Outgoing Distribution Feeders: 3

6.4.2 Energy Transmitted

Information about energy transmitted is shown in the Table below:

Table 27: Energy Transmitted

No.	Name of Licensee	Transmission Lines	Energy Transmitted, kWh	
			Year 2006	Year 2007
1	Electricité du Cambodge	Kirirom 1 – Kampong Speu – Phnom Penh	47,652,750	46,498,038
2	Cambodia Power transmission Co. Ltd	Thai border – Banteay Meanchey-Siem Reap-Battambang		13,104,950

6.5 Electricity Distribution

6.5.1 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. 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 2007 is shown in the Table below:

Table 28: Information on Electricity Distribution Facilities

Name	Unit	Number/Length of the lines	
		Year 2006	Year 2007
1 – <u>22 kV MV lines:</u>	Kilometer	<u>1250.18</u>	<u>1322.18</u>
- Underground cables	Kilometer	380.74	391.16
- Overhead Lines	Kilometer	869.44	931.03
2 – <u>15 kV MV lines:</u>	Kilometer	<u>20.26</u>	<u>20.45</u>
- Underground cables	Kilometer	0.06	20.45
- Overhead Lines	Kilometer	20.20	-
3 – <u>10 kV MV lines:</u>	Kilometer		<u>21.69</u>
- Underground cables	Kilometer		0.33
- Overhead Lines	Kilometer		21.36
4 – <u>6.6 kV MV lines:</u>	Kilometer		
- Underground cables	Kilometer		
- Overhead Lines	Kilometer		
5 – <u>6.3 kV MV lines:</u>	Kilometer	<u>90.17</u>	<u>90.17</u>
- Underground cables	Kilometer	5.17	5.17
- Overhead Lines	Kilometer	85.00	85.00
6 – <u>LV lines:</u>	Kilometer	<u>2,524.65</u>	<u>2,638.65</u>
- Underground cables	Kilometer	149.65	166.04
- Overhead Lines	Kilometer	2,375.00	2,472.61
7 – <u>Transformer Substation:</u>	Number		
- Transformer	Unit	1,425	1,440
- Capacity	MVA	893.42	894.87

6.5.2 Energy Sold and Number of Consumers

Information on energy generated and purchased, energy sold to consumers, percentage of losses and number of consumers for groupings based on broad characteristics of operations is given in the Table below. The generation by Kampot Power Plant Co., Ltd is supplied directly to the industry of Kampot Cement co., Ltd and in this Table is included in the data on "Other Provincial Towns". Provincial Towns of Banteay Meanchey, Siem Reap and Battambang, which received supply from Thailand from November- December 2007, have been included in "Other Provincial Towns". Provincial Town of Kampot, which received part electricity from Vietnam and part from own generation, has been included in "Areas getting supply from Vietnam".

Table 29: Information on energy generated and purchased, energy sold, losses and number of consumers classified by area of supply

Area of Service	Energy Generated and Purchased, Million kWh	Energy Sold, Million kWh	Losses in %	Number of Consumers
Phnom Penh system	1,105.548	990.474	10.41	204,212

Electricity Authority of Cambodia

Areas getting supply from Vietnam	78.868	70.361	10.79	24,601
Areas getting supply from Thailand	76.487	70.973	7.21	18,907
Other Provincial Towns	224.469	193.904	13.62	87,146
Other areas and Rural areas	31.358	23.410	25.34	80,275
Total	1,516.730	1,349.122	11.05	415,141

The "Number of consumers" includes different types of consumers including residential, industrial, commercial, and offices. It is possible that in many cases, particularly in towns and cities, one consumer may serve more than one household. Hence the "Number of consumers" may not exactly show the number of house holds supplied with electricity. However, as indicative information, it is seen that the number of consumers is 16.41 % of number of households of 2004 Inter-Censal Population Survey.

Considering the population of Cambodia to be 13.4 million, the per capita consumption of electricity supplied by licensees comes to 100.68 kWh per year during 2007.

The Peak Demand in 2007 supplied by the Phnom Penh System was 188.1 MW during July 2007. The capacity available in Phnom Penh system during 2007 was not sufficient to meet the full peak demand and it is estimated that the unrestricted peak demand during 2007 was 205.8 MW.

Information on the quantity of generation, purchase, sold, loss and number of consumers of each licensee are **shown in Annex 4, Annex 5 and Annex 6.**

Annex 1

Province wise Area of supply served by Distribution, Retail and Consolidated Licensees at the end of Year 2007

Province/city	Area of supply	License Number	Name of Licensee	Hours of Supply per Day
1-Bantay Meanchey	Provincial Town of Banteay Meanchey and Mongkul Borei District Town	001L	EDC	Supply 24 hours
	Poipet and Kaun Damrei, O Chrov district	011L	Anco Brothers Co., Ltd	Supply 24 hours
	Phsar Osnguot Town, Khum O-Prasat, Mongkultborei District	077L	Mrs Chao Nuy	20 hours: From 00:00 to 14:00 and from 18:00 to 24:00
	Phsar Kotsat Town, Khum Nimit and Kob, Ochrov District	078L	Mr.Vorn Yeang	5 hours: From 17:00 to 22:00
	Phsar Phnomtoch Town, Khum Phnomtoch, Mongkultborei District	079L	Mr.Thon Thoeurn	16 hours: From 05:00 to 16:00 and from 18:00 to 23:00
	Phsar Banteay Neang Town, Khum Banteay Neang, Mongkultborei District	080L	Mr. Sok Vitith	11 hours: From 11:00 to 17:00 and from 18:00 to 23:00
	Phsar Phnom Srok Town, Khum Sras Chik, Phnom Srok District	081L	Mr. Muon Han	6 hours: From 17:00 to 23:00
	Thmor Puok District Town	087L	Mrs. Sok Kongkear	9:30 hours: From 11:00 to 14:00 and from 17:00 to 23:30
	Phsar Phnom Thom Tbong Town, Khum O-Prasat, Mongkul Borei District	105L	Mr. Soeung Sovanna	15 hours: From 00:00 to 06:00, from 11:00 to 14:00 and from 18:00 to 24:00
	Preahnet Preah District Town	108L	Mrs. Sin Savuon	5:30 hours: From 11:00 to 13:30 and from 18:00 to 21:00
	Malay district town	149L	Sinn Khim Import Export Co., Ltd	Supply 24 hour

Electricity Authority of Cambodia

	Along the road from Boeung Trakuon Town, Khum Kokromeat to Thmor Pouk District Town	189L	Phum Nimit Co, Ltd	Supply 24 hour
	Svay Chek District Town	190L	Mr. Mak Van	4 hours: 18:00 to 22:00
2-Battambang	Provincial Town of Battambang	001L	EDC	Supply 24 hour
	District Center of Komrieng	008L	Franasie Import Export Co., Ltd	Supply 24 hour
	District Center of Phnom Proeuk	008L	Franasie Import Export Co., Ltd	Supply 24 hour
	District Center of Sampeou Loun	008L	Franasie Import Export Co., Ltd	Supply 24 hour
	Thmor Kol Town, ThmorKol District	043L	Mr. Lay Se	Supply 24 hour
	Khum Phnom Sampov, Banorn District	068L	Mrs. Tuoch Montha	Supply 24 hour
	Rattanak Mondol District Town	069L	Mr. Nop Bin	10 h 30m: From 04:00 to 06:30, from 11:00 to 13:30 and from 18:00 to 23:30
	Khum Prek Khpob and Khum Prek Luong, Ek Phnom District	091L	Mr. Sun Pov	Supply 24 hour
	District Town of Mongrussey (Left Hand Side of National Road No. 5, Direction from Phnom Penh to Battambang)	109L	Mrs. Tieng Chenda	Supply 24 hour
	District Town of Mongrussey (Right Hand Side of National Road No. 5, Direction from Phnom Penh to Battambang)	110L	Mrs. Sea Kech	Supply 24 hour
	Phum Ang Long Tamey, Khum Chheuteal, Banorn District	117L	Mr. Dung Ly	6 hours: From 17:00 to 23:00
	Bovil District Town	182L	Mr. Khun Sarun	Supply 24 hour
3-Kampong Cham	Provincial Town of Kampong Cham	001L	EDC	Supply 24 hours
	Ponhea Krek District	001L	EDC	Supply 24 hours
	Memut District	001L	EDC	Supply 24 hours
	Phsar Prey Toteung Town, Prey Chhor District	023L	Mr. Khun Sambo	Supply 24 hours

Electricity Authority of Cambodia

Phsar Phaav Town, Khum Phaav, Batheay District	026L	Mr. Chang Bunnaret	20 hours: From 4:00 to 24:00
Phsar Suong Town, Tbong Khmum District	027L	Mr. Kuy Suor	Supply 24 hour
Phsar Chamkar Leu Town, Chamkar Leu District	038L	Mr. Sieng Seng	6 hours: Form 12:00 to 14:00 and From 18:00 to 22:00
Phsar Skun, Chheung Prey District	047L	Mrs. Sar Malis	20 hours: From 03:30 to 23:30
Phsaar Bos Knor Town, ChamKar Leu District, and Traeung Town, Prey Chhor Distric	056L	Mrs. Nhek Theary	Supply 24 hour
Phsar Steungtrang Town, Khum Prekok, Steung Trang District	057L	Mr. Chin Sohin	4 hours: From 18:00 to 22:00
Khum Mesorchrey, Steung Trang District	060L	Mrs. Eam Sreng	12 hours: From 12:00 to 24:00
Phsar Mean Town, Khum Mean and Trapaingpreah, Preychhor District	065L	Mr. Chuo Sroan	6 hours: From 05:00 to 06:00 and from 18:00 to 23:00
Phsar Svayteab Town, Khum Svayteab, Chamkar Leu District	074L	Mr. Mean Vanna	13hours: From 11:00 to 24:00
Phsar Speu Town, Khum Speu and Chayyo, Chamkar Leu District	075L	Mr. Chhay Kimhuor	12 hours: From 12:00 to 24:00
Phsar Tnaltoteung Town, Khum Chob, Tbongkhmom District	085L	Kampong Cham City Power Co., Ltd	Supply 24 hour
O Reang Ov District Town	088L	Mr. Khun Sophal	17 hours: From 04:00 to 09:00, 10:00 to 15:00 and 17:00 to 24:00
Stoeng Town, PonheaKrek District	122L	E.D.Con. Company	Supply 24 hour
Phum Choeung Chnok, Khum Taingkrang, Bathay District	130L	Mr. Try Leng	5hours: From 1800 to 23:00
Phum Taong, Khum Taong, Chamkar Leu Distric	140L	Mr Chea Chan Narooun	9 hours: From 4:00 to 7:00 and From 17:00 to 23:00
Batheay District Town	159L	Mr. Khun Sopheap	15 hours: From 04:00 to 08:00, 11:00 to 14:00 and 16:00 to 24:00

Electricity Authority of Cambodia

	Srey Santhor District Town	160L	Mr. Seng Chinleang	13 hours: From 5:00 to 6:00 and From 11:00 to 23:00
	Kong Meas District area and Kampong Siem District area	165L	Mrs. Mao Chay Hong	4 hours: From 18:00 to 22:00
	Dambe District Town	181L	Mr. Kim Meng	Operation not started in 2007
	Krouch Chhmar District Town	192L	Mr. Bun Heang	4 hours: From 18:00 to 22:00
4-Kampong Chhnang	Phsar Ponley Town, Khum Ponley, Boribor District	040L	Mr. Mok Heat	7 hours: From 04:00 to 6:00 and from 18:00 to 23:00
	Kampong Tralach District Town	041L	Mr. Ty Sokorn	20 hours: From 04:00 to 24:00
	Provincial Town of Kampong Chhnang	051L	Sovanny Electricity Development Co.Ltd	Supply 24 hours
	Phsar Prey Khmer Town, Khum Andong Snay and Rolea Phear, Rolea Phear District	095L	Mrs. Chan Simoly	12 hours: From 04:00 to 06:00, from 10:00 to 14:00 and 18:00 to 24:00
	Phsar Pong Ro Town, Khum Pong Ro and Svay Chrum, Rolea Phear District	096L	Mr. Chea Sareth	12 hours: From 04:00 to 06:00, from 10:00 to 14:00 and 18:00 to 24:00
	Teuk Phos District Town	119L	Mr. Un Sothea	14 h 30m: From 07:30 to 12:00, 14:00 to 17:30 and 18:00 to 24:30
	Khum Longvek, Kampong Tralach District	166L	Mr. Or Ratana	Operation not started in 2007
	Khum Chhuk Sor, Kampong Tralach District	167L	Mr. Or Joly	Operation not started in 2007
	Khum Chey Bak, Khum Sre Thmey, Khum Svay Chrum, Khum Pong Ro, Khum Krang Leav, Rolea Phear District	173L	Mrs. Ke Varin	Operation not started in 2007
	5-Kampong Speu	Provincial town of Kampong Speu	001L	EDC
Khum Trapaing Krong, Somrong Trong District		053L	Mr. Long Nget	15 hours: From 4:00 to 6:00 and from 11:00 to 24:00
Phsar Tram Khnar Town, , Khum Snorm Krapeu and Khum Chung Rouk, Korng Pisey District		064L	Mr. Chhin Seng	Supply 24 hours

Electricity Authority of Cambodia

Phsar Trapaing Kraleung Town, Khum Kirivoan, Phnom Sruoch District	067L	Mr. Sok Hoy	19 hours: From 10:00 to 24:00 and from 00:00 to 04:00
Khum Viangchas, O'dong District	076L	Mr. Quach Edward	Supply 24 hour
Phsar Trengtrayeng Town, Khum Trengtraeng, Phnomroch District	082L	Mr. Ly Sok Kry	20 h 30m: From 04:00 to 24:30
Khum Tuol Ampil, Borseth District	084L	Mr. Mok Chin	5 hours: From 18:00 to 23:00
Phsar Bat Doeun Town, Udong District	099L	Mr. Leng Mov	Supply 24 hours
Phsar Thnalbort Town, Khum Por Ankrang, Bor Seth District	101L	Mr. Chhin Song	Supply 24 hours
Phum Phsar Deumroka town, Khum Veal, Kongpisey Distric	135L	Mrs. Dik Rin	7 hours: From 11:00 to 13:00 and from 17:00 to 22:00
Phum Phsar Talat Town, Khum O, Phnom Sruoch District	136L	Mr. Men Kunthea	9 hours: From 11:00 to 14:30 and from 17:00 to 22:30
Area along RN 4 (north) from Khum Vorsar and along RN 51 to the end border of Khum Mkak, Samarongtong District, Oddong District	137L	Mr. Meng Sokleng	6 hours: From 17:00 to 23:00, Weekend additional from 11:00 to 14:00
Khum Roleang Kreul, Samraong Tong District and Khum Roka Koh, Kongpisei Distric	154L	Mr. Uy Sopath	5 hours: From 18:00 to 23:00
Phsar Krangchek Town, Khum Krangchek, Udong District	155L	Mr. Samret Kiri	8 hours: From 10:30 to 14:00 and from 18:00 to 22:30
Khum Trapeang Kong, Samraong Tong Distric	156L	Mr. Men Sambath	9 hours: From 06:00 to 10:00 and from 17:30 to 22:30
Phsar Slableng Town, Khum Pheary Meanchey and Khum Svayrompear, Borsat Distric	175L	Mr. Toeng Samouv	Supply 24 hours

Electricity Authority of Cambodia

6-Kampong Thom	Kampong Thmar town consisting of Khum Balang and Khum Chong Daung Baray District and Khum Kampong Thmar, Sontuk District	006L	Mr. Huor Pheng	Supply 24 hours
	Provincial Town of Kampong Thom	012L	Sung Jin & Chilbo Industrial Co., Ltd	Supply 24 hours
	Khum Treal Town, Baray District	019L	Mr. Te Kok Eng	19 hours: From 04:00 to 23:00
	Phsar Tang Kok Town, Khum Sovyong, Baray District	032L	Mr. Nhen Kong	12 hours: From 07:00 to 15:00, and from 18:00 to 22:00
	Phsar Baray Town, Khum Baray, Baray District	039L	Mr. Kim Chantara	19 hours: From 4:00 to 23:00
	Stong District Town	063L	Mr. Ong Hoxsin	10 hours: From 10:00 to 14:00 and from 17:00 to 23:00
	Phsar Taing krasaing Town, Khum Taing Krasaing and Khum Prasat, Santuk District	073L	Mr. Treung San	15 hours: From 4:00 to 6:00 and from 11:00 to 24:00
7-Kampot	Kampot provincial town	001L	EDC	Supply 24 hours.
	Kampong Trach District Town, Khum Oeuseysrok Khanglech and Khum Kampong Trach Khangkleut and Khum Kanthor Khanglech	001L	EDC	Supply 24 hours
	Phum Trapeang Ropao, Khum Prekthnot, Kampot District	042L	Mr. Kong Sophal	11 h 30m: From 4:00 to 7:00, 11:00 to 14:00 and From 17:00 to 22:00
	Phsar Chhouk Town, Chhouk District, and Chumkiri District Town	044L	Mr. Kong Puthy	Supply 24 hours
	Phsar Tramsorsor Town, Khum Samrong leu, Phsa Konsom-Ork Town, Khum Banteay Meas Khangkeut, and Bantay Meas District Town, Banteay Meas District	093L	Mr. Khut Chenda	Supply 24 hour
	Angkor Chey District Town	097L	Mr. Yin Ech	5 h 30m: From 17:30 to 23:00

Electricity Authority of Cambodia

	Some areas along 22 kV line from Lork Town, Khum Svaytong Khangtbourg, Kampongtrach District, to Authorised Distribution area of EDC at Kampot	180L	Kep Power Supply Co. Ltd	Supply 24 hour
8-Kandal	Area around Phnom Penh	001L	EDC	Supply 24 hours
	Some area of Koh Thom District and Sa-Ang District	011L	Anco Brothers Co., Ltd	Supply 24 hours
	Neakleung Town (West of Mekong River), Luek Dek District	021L	Mr. Nov Sokha	Supply 24 hours
	Phsar Rokakong Town, Mukkampoul District	037L	Mr. Eang Seng Hy	19 hours: From 04:00 to 23:00
	Khum Troeuysla and Khum Talun, Sa Ang District	049L	Mrs. Khiev Nareth	Supply 24 hour
	Khum Prekthmey and Khum Chheu Teal, Kean Svay District	050L	Reeco Company	Supply 24 hour
	Phsar Thnal Toteung Town, Khum Damnak-Ampil, Ang Snoul District	053L	Mr. Long Nget	15 hours: From 04:00 to 06:00 and from 11:00 to 24:00
	Phsar Kampong Kantuot Town, Khum Bakour, Kandal Stung District	058L	Mr. Chay Neng	Supply 24 hour
	Phsar Ang Snuol, Khum Peuk, Ang Snuol District	061L	Mr. Khoeun Sambath	7 h 30 m: From 11:00 to 14:00 and from 18:00 to 22:30
	Eastern Phsar Prek Kdam Town, Khum Koh Chin, Ponhealeu District	062L	Mr. Keb Borey	5 h 30 m: From 17:00 to 22:30
	Phsar Prek Anhchanh Town, Khum Prek Anhchanh, Mokampoul District	066L	Mr. Pean Sokhalay	Supply 24 hours
	Southern Phsar Saang Town, Khum Preakkoy, Saang District	071L	Mr. Heng Tray	Supply 24 hours
	Khum Ponnhealeu, Khum Vihealuong, Khum Phsar Dek, Khum Phnom Bath, Khum Tomnobthom, and Khum Kampongluong, Punnhealeu District	076L	Mr. Quach Edward	Supply 24 hours

Electricity Authority of Cambodia

Phsar Northern Saang Town, Saang District	086L	Mr. Koeung Rithy	Supply 24 hours
Khum Sombourmeas, Muk Kampoul District	090L	Mr. Ven Veasna	20 hours: From 00:00 to 06:00 and from 10:00 to 24:00
Ponhea Leu District	099L	Mr. Leng Mov	13 hours: From 11:00 to 24:00
Phum Kdeychas, Khum Bak Kheng, Mukompoul District	103L	Mr. Nhem Phany	Supply 24 hours
Phum Areyksat, Khum Areyksat, Lavea-Em District	114L	Ms. Chea Ting	4 hours: From 18:00 to 22:00
Area along RN 4 (north) from Khum Vorsar and along RN 51 to the end border of Khum Mkak, Angsnoul Distric	137L	Mr. Meng Sokleng	6 hours: From 17:00 to 23:00, Weekend additional from 11:00 to 14:00
Phum Kbalkoh, Khum Kohdach, Muk Kampoul District	143L	Mrs. Leang Chhunny	5 hours: From 17:00 to 22:00
Phsar Siem Reap town, Khum Siem Reap, Kandal Stung District	144L	Mr Dok Liv	Supply 24 hours
Khum Korky, Khum Dey-Et, Khum Chheur Teal and Khum Kampong Svay, Keansvay District	150L	Akkisni Kien Svay Co., Ltd	Supply 24 hours
Khum Svayrolum and Khum Setbb, Sa-Ang District	151L	Khmer Electricity Service Co., Ltd	Supply 24 hours
Phsar Beng Kyang town, Khum Beng Kyang and Khum Prek Sleng, Kandal Steung Distric	153L	Mrs Nguon Socheatey	9 hours: From 11:00 to 14:00 and from 17:00 to 23:00
Khum Svayproteal and Khum Troeysla, Saang District	168L	Mrs. Ou Kimheng	6 hours: From 17:00 to 23:00
Khum Banteaydek, Kien Svay District	169L	Mr. Bun Huy	4 hours: 18:00 to 22:00
Phum Raing Dek, Khum Kokythom, Kien Svay District	170L	Mr. Chhun Ly	11h 30m: 4:00 to 6:00, 11:00 to 13:00 and 15:30 to 23:00
Khum Prek Takov, Khsach Kandal District	171L	Mrs Nhem Sotheary	4 hours: From 18:00 to 22:00

Electricity Authority of Cambodia

	Khum Samrong and Prekateng, Ponhnealeu District	176L	Mr. Moul Tit	Supply 24 hours
	Khum Kraing Youv, Saang District	179L	Mr. Nhoek My	Operation not started in 2007
	Khum Vihearsuor, Khsach Kandal District	186L	Mr. Heng Kosal	11 hours: 4:00 to 6:00, 11:00 to 14:00 and 17:00 to 23:00
9-Koh Kong	Provincial Town of Koh Kong	014L	Duty Free Shop Co., Ltd	Supply 24 hours
	Sre Ambil District Town	028L	Mr. Samreth Sothy	Supply 24 hours
	Phum Koh Sdech, Khum Koh Sdech, Kirisakor District	106L	Mrs. Ann Samlan	Supply 24 hours
10-Kratie	Provincial Town of Kratie	059L	Electricity of Kratie Province	Supply 24 hours
	Part of Snuol District	059L	Electricity of Kratie Province	Supply 24 hours
	Chhloung District Town	191L	Mrs. Phin Vipheavy	Supply 24 hours
11-Krong Kep	Kep City	180L	Kep Power Supply Co. Ltd	Supply 24 hours
12-Mondulkiri	Keoseyma District Town	158L	Electricity Unit of Mondulkiri Province	Supply 24 hours
13-Oddor Meanchey	Osmach Town, Khum Osmarch, Samrong District	014L	Duty Free Shop Co., Ltd	Supply 24 hours
	Oddar Meanchey provincial town	014L	Duty Free Shop Co., Ltd	Supply 24 hours
	Trapaing Prasat District Town	163L	Mr. Phom Phal	3h 30 m:
14-Pailin City	Areas along Road No.10 from Phum Phsar Prum, Sangkat Stung Khsach, Khan Salakrao, Pailin City to Sangkat Tuol Lavear, Khan Pailin	009L	MSP Development co., Ltd	Supply 24 hours
	Pailin City	089L	Vannak Pheap Development Co., Ltd	Supply 24 hours
15-Phnom	Phnom Penh	001L	EDC	Supply 24 hours

Electricity Authority of Cambodia

Penh	Sangkat Prek Leap, Sangkat Prek Tasek, Khan Rusey Keo	090L	Mr. Ven Veasna	20 hours: From 00:00 to 06:00 and from 10:00 to 24:00
	Phum Bak Kheng, Sangkat Prek Lep, Khan Rusey Keo	103L	Mr. Nhem Phany	Supply 24 hours
	O-Rusey Market, Phnom Penh	138L	Lim Heng Group Co, Ltd	Supply 24 hours
16-Preah Vihear	Provincial Town of Preah Vihear	031L	Mr. Chan Thun	Supply 24 hours
	Rovieng District town	128L	Mr Ieng Khun	8 hours: 11:00-14:00, 17:30-22:30
	Chum Ksan District Town	162L	Mr. Hay Tina	4 hours: From 18:00 to 22:00
	Khum Srayang, Koulen District	172L	Mr. Un Savooun	4 hours: From 18:00 to 22:00
17-Prey Veng	Provincial Town of Prey Veng	001L	EDC	Supply 24 hours
	Neak Loeung Town (East of Mekong River), Peamro District	017L	Mrs. Bun Liv	Supply 24 hours
	Phsar Snay Pul Town, Khum Roka, Pearang District	018L	Mr. Ky Sophea	15h 30m: From 00:00 to 06:00 and from 11:30 to 14:00 and from 17:00 to 24:00
	Kar-Andoek Town, Khum Prasat, Kampong Trabek District	036L	Mrs. Pauch Kim	Supply 24 hours
	Phsar Kampong Popel, Khum Kampong Popel, Peareang District	045L	Mr. Loem Sokkhoeurn	8 hours: From 05:00 to 06:00 and from 17:30 to 24:30
	Phsar Svay Antor Town, Khum Svay Antor, Prey Veng District	046L	Mr. Seng Sokun	Monday to Friday from 4:00 to 6:00 and from 17:30 to 23:00 and saterday and Sunday from 4:00 to 6:00 and from 15:00 to 23:00
	Kampong Trabek District Town	187L	Mr. Khem Rany	8 hours
18-Pursat	Phsar Beungknar Town, Khum Beungknar, Bakan District	033L	Mr. Chhuor Nguon	12 hours: From 7:00 to 15:00 and from 18:00 to 22:00
	Khum Trapeang Chong, Bakan District	034L	Mr. Toem Touch	Supply 24 hours
	Provincial Town of Pursat and parts of Kandeang District	052L	Nareth Co. Ltd Electricity Development	Supply 24 hours

Electricity Authority of Cambodia

	Phsar Svaydounkeo Town, Khum Svaydounkeo, Bakan District	072L	Mr. Ya Sambath	6 hours: From 18:00 to 24:00
	Khum O-Tapong, Bakan District	102L	Mr. Preab Vannareth	4 hours: From 18:00 to 22:00
	Phnom Kravanh District Town	124L	Mr. Yeab Lao	18 hours: From 5:00 to 23:00
	Krakor District town	125L	Mr. York Savong	Supply 24 hours
19-Ratanakiri	Provincial Town of Ratanakiri	001L	EDC	Supply 24 hours
20-Siem Reap	Provincial Town of Siem Reap	001L	EDC	Supply 24 hours
	Pourk District Town	035L	Vonn Virek Service Co, Ltd	Supply 24 hours
	Phsar Domdek Town, Sotnikum District	048L	Mr. Chhom Sophay	12h 30m: From 6:00 to 10:00 , 12:00 to 16:30 and 18:00 to 22:00
	Phsar Tnalchek Town, Khum Keang Sangke and Damdeak, Sotnikum District	083L	Mr. Tun Yoeun	10 hours: From 4:00 to 5:00, from 11:00 to 16:00 and from 18:00 to 22:00
	Chikreng District Town	111L	Mr. Kong Vun	Supply 24 hours
	Chikreng District Town	112L	Mr. Ly Kang	Supply 24 hours
	Phum Phsar Kleang, Khum Kampong Kleang, Sotnikum District	127L	Mr Te Hong Cheng	4 hours
	Phum Chork, Khum Sangveuy, Chikreng District	129L	Mrs Chrun Leang Suor	4 hours:
	Angkor Chum District Town	139L	Mr Duong Narin	4 hours:
	Zone 1, zone 2, Tourist and Cultural Zones, Siemreap	145L	Souching Electronic Company Ltd	Operation not started in 2007
	Khum Anlong Samnor and Khum Chikren, Chikren Distric	161L	Mr. Kea Kimseng	Operation not started in 2007
	Kralanh District Town	164L	Mrs Tek Sina	Supply 24 hours
	Khum Samrong, Sotnikum District	183L	Mrs. Meas Keav	4 hours: From 18:00 to 22:00
	Khum Kantraing, Prasatbakong District	185L	Mr. Phlok Vannak	3 hours: From 18:00 to 21:00
21-Sihanouk ville	Sihanoukville	001L	EDC	Supply 24 hours
	Phsar Veal Reinh Town and Phum Chheng Kor, Khan Preynob	029L	Mr. Sok Thy	Supply 24 hours

Electricity Authority of Cambodia

	Sangkat Tomnbrolok and Kompenh, Khan Stoeung Hav	030L	Mr. Ly Bunthy	Supply 24 hours
	Phsar Smachdeng Town, Sangkat Ream, Khan Preynop	098L	Mrs. Kun Sivanny	5h 30m: From 17:30 to 23:00
	Sangkat Otresh, Khan Steung Hav	120L	Mr. Chan Keat	18 hours: From 11:00 to 15:00 and from 17:00 to 07:00
	Sangkat Prey Nob, Khan Prey Nob	184L	Mrs. Chea Kimthat	18 hours: From 11:00 to 15:00 and from 17:00 to 07:00
22-Steung Treng	Provincial Town of Steung Treng	001L	EDC	Supply 24 hours
23- Svay Rieng	Svay Rieng provincial town, Kampong Row Town and Svay Teap Town	001L	EDC	Supply 24 hours
	Bavit District	001L	EDC	Supply 24 hours
24-Takeo	Takeo provincial town and Ang Tasom District town	001L	EDC	Supply 24 hours
	Areas along the National Road No. 2 from Cambodia-Vietnam border to the end of Commune Pech Sar and derivated at Preak Bat Cheun Chum to Prey Ampork Commune, Kirivong District	013L	Mr. Mak Thorn	Supply 24 hours
	Phsar Samrong Yong Town, Khum Trapaing Sab, Baty District	015L	Mr. Srey Sokhom	13 hours: From 8:00 to 15:00 and From 17:00 to 23:00
	Phsar Kampong Chrey Town Located in Districts of Trang and Koh Andet	016L	Mr. Ke Kuyhuoy	4 hours: From 18:00 to 22:00
	Khum Snor and Khum Preylvear, Preykabas Distric	020L	Mr. Chhou Lay	Supply 24 hours
	Phum Thmor Sor, Khum Korkpor, Boreychuolsa District	022L	Mr. Kong Phat	5 hours: From 18:00 to 23:00; Weekend extra From 11:00 to 17:00

Electricity Authority of Cambodia

	Phsar Sayva Town, Preykabas District	054L	Mrs. Ouch Por	9 hours: From 11:00 to 15:00 and from 18:00 to 23:00; Weekend extra From 7:00 to 23:00
	Phsar Preysandek Town, Khum Preysleuk, Trang District	055L	Mr. Try Soban	4 hours: From 18:00 to 22:00
	Khum Sophy, Baty District	064L	Mr. Chhin Seng	Supply 24 hours
	Phsar Pangkasey Town, Khum Khvao, Samrong District	084L	Mr. Mok Chin	5 hours: From 18:00 to 23:00
	Khum Beungtranh, Samrong District	101L	Mr. Chhin Song	Supply 24 hours.
	Khum Angkorborey and District Town of Angkorborey	113L	Mr. Nou Krui	8 hours: From 11:00 to 14:00 and from 18:00 to 23:00
	Baty District Town	118L	Mrs. Sok Kheng	12h 30m: From 7:30 to 15:00 and from 17:30 to 22:30
	Phsar Tramkork, Khum Tramkork, Tramkork District	121L	Mrs. Kaing Gech Seam	6 hours: From 17:00 to 23:00
	Khum Prey Romdeng and Khum Prey Ampork, Kirivong District	133L	Mr Hak Ly Seng	4 hours: From 18:00 to 22:00
	Phsar Romenh, Khum Romenh, Koh Andet District	134L	Mr Try Khlaik	10 hours: From 5:00 to 7:00, From 11:00 to 13:00 and From 17:00 to 23:00
	Khum Tang Daung, Bati District	135L	Mrs. Dik Rin	7 hours: From 11:00 to 13:00 and from 17:00 to 22:00
	Phum Phsar Yeay Trob Town, Khum Roveang, Samrong District	141L	Mr Chaing Kun	11h 30m: From 8:00 to 15:00 and From 18:00 to 22:30
	Khum Poutsor and Khum Kraingthong, Baty Distric	174L	Mr. Moeun Sokhan	11 hours: 4:00 to 7:00, 11:00 to 14:00 and 18:00 to 23:00
	Khum Samrong, Samrong District	178L	Mr. Pech Sopheap	5 hours: From 18:00 to 23:00
	Khum Lomchong and Khum Seung, Samraung District	188L	Mr. Chaing Kea	9 hours: From 11:00 to 15:00 and from 18:00 to 23:00

Annex 2(a)
Summary Information about Energy Sent out and Installed Capacity

		Number of Licensees		Installed Capacity, kW		Proportion of Installed Capacity in % for 2007	Energy Sent Out, Million kWh		Proportion of energy sent out in % for 2007
		End of Year 2006	End of Year 2007	End of Year 2006	End of Year 2007		Year 2006	Year 2007	
1	Independent Power Producers	14	14	202,788	202,543	64.42	853.992	1,141.270	84.58
2	Consolidated Licensees	114	147	20,487.5	35,009.3	11.13	24.241	36.160	2.68
3	Electricité du Cambodge	1	1	76,860	76,860	24.45	208.871	171.886	12.74
Total		129	162	300,135.5	314,412.3	100	1,087.104	1,349.316	100

Annex 2(b)
Summary Information about Generation Facilities and Energy Sent-out classified by Generation Type

No.	Type of Generation	Installed Capacity, kW		Proportion of Installed Capacity in % for 2007	Energy Sent Out, Million kWh		Proportion of Energy Sent Out in % for 2007
		End of Year 2006	End of Year 2007		Year 2006	Year 2007	
1	Hydropower	12,960	12,960	4.12	50.609	49.707	3.68
2	Diesel/HFO	282,663.5	296,850.3	94.42	1,034.815	1,294.356	95.93
3	Wood, other bio mass	4,512	4,602	1.46	1.680	5.253	0.39
Total		300,135.5	314,412.3	100	1,087.104	1,349.316	100

Annex 2(c)
Summary Information about Energy Sent-out classified by Generation Plant Size

No.	Capacity of Generating Plant	Installed Capacity, kW		Proportion of Installed Capacity in % for 2007	Energy Sent Out, Million kWh		Proportion of energy sent out in % for 2007
		End of Year 2006	End of Year 2007		Year 2006	Year 2007	
1	Up to 100 kW	5,033.9	5,796.7	1.84	5.583	6.008	0.45
2	From 101 to 500 kW	8,666.6	9,535.6	3.03	11.225	16.516	1.22
3	From 501 to 1000 kW	5,155	7,837	2.49	6.611	11.055	0.82
4	From 1001 to 3000 kW	13,232	14,908	4.74	16.661	37.089	2.75
5	Over 3000 kW	268,048	276,335	87.89	1,047.025	1,278.647	94.76
Total		300,135.5	314,412.3	100	1,087.105	1,349.316	100

Annex 3 Information on Generation Licensees

License No.	Name of Licensee	Location of the Generation Plant	Installed Capacity, kW	Energy Sent Out, kWh
			2007	2007
002L	Cambodia Utilities Pte. Limited	C 2 Power Plant, Phnom Penh	37,100	258,489,550
004L	Global Technological Support SDN BHD	Kampong Cham Power Plant, Village #7, Sangkat Kampong Cham, (Provincial Town of Kampong Cham)	3,280	11,531,535
007L	CETIC International Hydropower Development Co., Ltd	Kirirom Plateau of Koh kong Province, (Koh Kong and Kampong Speu)	12,000	46,498,038
094L	Edward Energy Supply Co., Ltd	Kampong Chhnang's Power Plant, Phum 1, Sangkat Ksan, Kasmpong Chhnang District, (Kampong Chhnang)	2,800	634,940
107L	Union Victory Asia Co., Ltd	Battambang's Power Plant in Road N° 1, Phum Kammakor, Khum Svay Po, Battambang District, (Battambang)	7,320	24,464,225
115L	Khmer Electrical Power Co., Ltd	Phum Dam Nak Thom, Sangkat Steung Mean Chey (Phnom Penh)	48,192	277,991,370
116L	City Power Group Corporation	Phum Tror Peang Chrey, Sangkat Kar Kap, Khan Dang Kor (Phnom Penh)	8,100	38,238,444
123L	COLBEN System, Ltd	Land Lot No. 283, Phum Boung Salang, Sangkat Russey Keo, Phnom Penh	14,800	54,018,688
123L	COLBEN System, Ltd	EDC's power plant, Phum No. 3, Khum no.3, Sngkat Mita Pheap, sihanoukville	8,000	34,189,546
126L	SHC (Cambodia) International Pte Ltd	Siem Reap's old power plant, National Road 6, Phum Krous, Khum Dang Kum (Siem Reap)	10,522	35,270,943
126L	SHC (Cambodia) International Pte Ltd	EDC's power plant No. 1, 3, and 5 in Phnom Penh	10,911	14,699,550
126L	SHC (Cambodia) International Pte Ltd	Rattanakiri's power plant	992	1,795,600

Electricity Authority of Cambodia

132L	(Cambodia) Electricity Private Co, Ltd	Phum Tuol Pongro, Sangkat Chom Chao, Khan Dang Kor, Phnom Penh	48,192	315,550,190
142L	Kampot Power Plant co., Ltd	Cement factory of Kampot cement Co., Ltd at Banteay Meas District, Kampot Province	2316	16,080,450
146L	SL Garment Processing (Cambodia) Ltd	Phum Russey, Sangkat Steungmeanchey, Khan Meanchey, Phnom Penh	4,500	5,134,320
148L	Han Seng Land and Property Co. Ltd	Khum Roleab, Sampouvmeas District, Pursat Province	2,000	4,133,580
157L	S.O.K. Company Limited	Road No.1, Group 7, Phum 7, Khum khsam, Kampong Chhanang	2160	2,548,990
Total				1,141,269,959

Remarks:

The data in the table above

- for Edward Energy Supply Co., Ltd at Kampong Chhanang is up to March 2007
- for Union Victory Asia Co., Ltd at Battambang up to November 2007
- for SHC (Cambodia) International Pte Ltd at Siem Reap up to November 2007 and at Phnom Penh from May 2007
- for Kampot Power Plant co., Ltd from April 2007 which supplies power to the industry of Kampot Cement Co. Ltd.
- for SL Garment, is for the part of power sold to EdC
- for S.O.K. Company Limited from March 2007

Annex 4
Summary Information on Distribution Licensees for year 2007

License No.	Name of Licensee	Area of Supply	Number of consumers	Energy purchased kWh	Energy Sold kWh	Loss in %
008L	Franasie Import Export Co., Ltd	District Center of Komrieng (Battambang)	1,556	3,886,264	3,475,294	10.57
		District Center of Phnom Proek (Battambang)	1,320	1,167,084	975,279	16.43
		District Center of Sampeu Loun (Battambang)	1,559	1,619,940	1,366,958	15.62
009L	MSP Development Co., Ltd	Phsar Prom Town (Krong Pailin)	360	6,829,230	6,146,307	10.00
011L	Anco Brothers Co., Ltd	Ochraov District (Banteay Meanchey)	6,300	34,168,320	31,532,220	7.72
		Koh Thom and Saang District (Kandal)	1,500	7,136,400	6,422,760	10.00
014L	Duty Free Shop Co., Ltd	Osmach Town (Oddor Meanchey)	1,686	9,858,400	9,629,108	2.33
		Koh Kong Provincial Town	3,416	16,234,020	15,410,113	5.08
050L	Reeco Company	Khum Prekthmey and Chheu Teal, Kean Svay District (Kandal)	1,911	935,223	818,724	12.46
051L	Sovanny Electricity Development Co., Ltd	Provincial Town of Kampong Chnnang (Kampong Chnnang)	2,939	3,183,930	2,642,662	17.00
052L	Nareth Electricity Development Co., Ltd	Provincial Town of Pursat (Pursat) and Kandeang District	5,300	4,133,580	3,358,995	18.74
086L	Mr. Koeung Rithy	Phsar Northern Saang Town, Saang District (Kandal)	1,580	510,527	413,527	19.00
089L	Vannak Pheap Development Co., Ltd	Pailin City	1,995	2,006,410	1,825,456	9.02
122L	Electricity Development and Construction Co., Ltd	Stoeng Town, PonheaKrek District (Kampong Cham)	900	11,326,755	10,194,080	10.00
149L	Sinn Khim Import Export Co, Ltd	Malay District Town (Banteay Meanchey)	715	716,928	611,998	14.64
150L	Akissni Keansvay Co. Ltd	Khum Korky, Khum Dey-Et, Khum Chheur	1,182	98,838	97,493	1.36

Electricity Authority of Cambodia

		Teal and Khum Kampong Svay, Keansvay District (Kandal)				
151L	Khmer electricity Service Co., Ltd	Khum Svayrolum and Khum Setbb, Sa-Ang District (Kandal)	2,992	431,443	306,421	28.98
158L	Electricity Unit of Mondulkiri Province	Keoseyma District Town (Mondulkiri)	420	140,900	126,810	10.00
180L	Kep Power Supply Co. Ltd	Kep City and some areas along 22 kV line from Lork Town, Kampongtrach District to Authorised area of EDC at Kampot (Kep and Kampot)	830	615,730	554,157	10.00

Annex 5
Summery Information on Electricité du Cambodge for year 2007

Area of Supply	Installed Capacity as on 31 st Dec 2007 kW	Energy purchased kWh	Energy Sent Out by Generation kWh	Total Energy kWh	Number of consumers	Energy Sold kWh	Loss in %
Phnom Penh	46,000	1,010,620,150	94,928,100	1,105,548,250	192,697	990,953,525	10.37
Sihanoukville	7,400	34,189,546	3,004,730	37,194,276	8,852	32,592,214	12.37
Provincial Town of Siem Reap	10,500	45,383,943	50,867,266	96,251,209	14,862	83,072,400	13.69
Provincial Town of Kampong Cham	-	11,649,969	-	11,649,969	6,533	9,655,680	17.12
Provincial Town of Takeo	1,560	-	4,340,849	4,340,849	4,927	3,968,329	8.58
Provincial Town of Battambang	-	26,450,325	-	26,450,325	18,316	21,171,006	19.96
Provincial Town of Kampot	3,080	3,849,070	1,655,313	5,504,383	5,480	4,951,292	10.05
Provincial Town of Prey Veng	1,640	-	2,287,208	2,287,208	3,255	1,974,515	13.67
Provincial Town of Banteay Meanchey	3,080	1,005,850	8,986,579	9,992,429	12,116	8,848,790	11.45
Provincial Town of Steung Treng	1,640	-	2,499,307	2,499,307	2,158	2,225,493	10.96
Provincial Town of Svay Rieng	1,000	5,336,400	107,007	5,443,407	5,717	4,760,573	12.54
Provincial Town of Ratanakiri	960	1,795,600	3,209,200	5,004,800	2,569	3,837,274	23.33
Khum Bavit	-	27,065,400	-	27,065,400	2,044	23,530,161	13.06
Memot District	-	12,596,500	-	12,596,500	3,282	11,939,888	5.21
Ponhea Krek District	-	16,555,300	-	16,555,300	1,824	15,733,737	4.96
Kampong Trach	-	2,234,330	-	2,234,330	2,028	2,056,203	7.97
Total	76,860	1,198,732,383	171,885,559	1,370,617,942	286,660	1,221,271,080	10.90

Annex 6 Information on Consolidated and Retail Licensees for year 2007

License No.	Name of Licensee	Area of Supply	Number of consumers	Installed Capacity on 31 st Dec 2007, kW	Energy generated, kWh	Energy Sold, kWh	Loss in %
006L	Mr. Huor Pheng	Kampong Thmar town - Khum Balang and Khum Chong Daung Baray District and Khum Kampong Thmar, Sontuk District (Kampong Thom)	1,864	720	666,180	507,333	23.84
012L	Sung Jin & Chilbo Industrial (Cambodia) Co., Ltd	Provincial Town of Kampong Thom (Kampong Thom)	3,400	1,520	2,834,231	2,295,727	19.00
013L	Mr. Mak Thorn	Phsar Tonlab Town, Kirivong District (Takeo)	1530	598	834,200	559,200	32.97
015L	Mr. Srey Sokhom	Phsar Samrong Yong Town, Khum Trapeang Sab, Baty District, (Takeo)	558	120	98,236	79,980	18.58
016L	Mr. Ke Kuyhuoy	Phsar Kampong Chrey Town, Trang and Koh Andet District (Takeo)	200	80	47,701	36,000	24.53
017L	Mrs. Bun Liv	Estern Neakleung, Peamro District (Prey Veng)	2,268	2,072	1,729,600	1,059,467	38.74
018L	Mr. Ky Sophea	Phsar Snay Pol, Khum Roka, Pearang District (Prey Veng)	590	276	158,663	120,000	24.37
019L	Mr. Te Kok Eng	Khum Treal Town, Baray District (Kampong Thom)	480	220	147,754	120,000	18.78
020L	Mr. Chhour Lay	Khum Snor and Khum Preylvear, Prey Kabas District, (Takeo)	420	165.6	135,776	124,491	8.31
021L	Mr. Nov Sokha	Western Neakleung Town, Luek Dek District (Kandal)	842	448	538,797	404,906	24.85
022L	Mr. Kong Phat	Phsar Thmor Sor, Khum Korkpor, Boreychuolsa District (Takeo)	71	52.5	20,401	15,660	23.24
023L	Mr. Khun Sambo	Phsar Prey Toteung Town, Prey Chhor district (Kampong Cham)	1000	371.2	542,254	463,356	14.55
026L	Mr. Chang Bunnaret	Phsar Phaav Town, Khum Paav, Batheay District (Kampong Cham)	560	124	230,083	154,311	32.93
027L	Mr. Kuy Sour	Phsar Suong Town, Tbong Khmom District (Kampong Cham)	3,112	592	1,391,360	1,163,052	16.41
028L	Mr. Samrith Sothy	Sre Ambil District Town (Koh Kong)	1,350	720	595,974	480,000	19.46
029L	Mr. Sok Thy	Phsar Veal Rinh Town, Preynob district (Sihanoukville)	1,668	348	652,227	572,590	12.21
030L	Mr. Ly Bunthy	Sangkat Tomnobrolok and Kompenh, Steung Hav District (Sihanoukville)	1,020	376	581,111	482,729	16.93
031L	Mr. Chan Thon	Provincial Town of Preah Vihear (Preah Vihear)	1,342	970	990,667	762,457	23.04
032L	Mr. Nhen Kong	Phsar Tang Kok Town, Baray District (Kampong Thom)	560	190	152,166	91,562	39.83
033L	Mr. Chhuor Nguon	Phsar Beungknar Town, Khum Beungknar, Bakan District (Pursat)	330	90	113,321	98,266	13.29
034L	Mr. Toem Touch	Khum Trapeang Chhohng, Bakan District (Pursat)	365	92	87,600	66,000	24.66
035L	Vonn Virek Service Co, Ltd	Puork District Town (Siem Reap)	1,400	294.4	332,439	269,608	18.90
036L	Mrs. Pauch Kim	Kar-Andoek Town, Khum Prasat, Kampong Trabeak District (Prey Veng)	711	172	272,635	256,392	5.96
037L	Mr. Ieng Seng Hy	Phar Rokakong Town, Mukkampung District (Kandal)	750	148	226,634	162,090	28.48
038L	Mr. Sieng Seng	Phum Thnal Bek, Khum Svayteab, Chamkaleu District (Kampong Cham)	685	236	185,593	149,420	19.49
039L	Mr. Kim Chantara	Phsar Baray Town, Khum Baray, Baray District (Kampong Thom)	410	116	109,400	78,944	27.84

Electricity Authority of Cambodia

040L	Mrs. Mok Heat	Phsar Ponley Town, Khum Ponley, Boribor District (Kampong Chnang)	304	94	75,763	54,549	28.00
041L	Mr. Ty Sokhun	Kampong Tralach District Twon (Kampong Chnang)	976	509	250,464	180,334	28.00
042L	Mr. Kong Sophal	Phum Trapeang Ropao, Khum Prekthnot, Kampot District (Kampot)	299	192	58,878	47,760	18.88
043L	Mr. Lay Se	Thmor Kol Town, ThmorKol District (Battambang)	973	352	260,185	187,333	28.00
044L	Mr. Kong Puthy	Phsar Chhouk Town, Chhouk District and Chumkiri District Town (Kampot)	840	256	350,635	262,976	25.00
045L	Mr. Loem Sokhoeurn	Phsar Kampong Popel Town, Peareang district (Prey Veng)	260	68	47,736	47,436	0.63
046L	Mr. Seng Sokun	Phsar Svay Antor Town, Prey Veng District (Prey Veng)	300	110	90,000	70,505	21.66
047L	Mrs. Sar Malis	Phsar Skun Town, Chheung Prey district (Kampong Cham)	615	280	264,321	205,166	22.38
048L	Mr. Chhom Sophay	Phsar Domdek Town, Khum Domdek, Sonikom District, (Siem Reap)	598	160	154,693	105,684	31.68
049L	Mrs. Khiev Nareth	Khum Troeuysla and Khum Talun, Sa Ang District (Kandal)	1,931	332	139,180	105,285	24.35
053L	Mr. Long Nget	Phsar Thnal Toteung Town (Kandal) and Khum Trapeang Krong (Kampong Speu)	635	132	316,145	251,904	20.32
054L	Mrs. Ouch Por	Phsar Sayva Town, Prey Kabas District (Takeo)	315	92	54,836	46,485	15.23
055L	Mr. Try Soban	Phsar Preysandek Town, Khum Preyslek, Trang District (Takeo)	72	28	16,302	11,112	31.84
056L	Mrs. Nhek Theary	Phsar Bokhnor Town, Chamkaleur District and Traeung Town, Prey Chhor District (Kampong Cham)	800	92	188,841	132,000	30.10
057L	Mr. Chin Sohin	Phsar Steungtrang Town, Khum Prekak, Steung Trang District (Kampong Cham)	220	40	37,820	27,517	27.24
058L	Mr. Chhay Neng	Phsar Kampongkontourt Town, Kandalsteung District (Kandal)	710	120	202,884	135,494	33.22
059L	Electricity of Kratie Province	Provincial Town of Kratie	2,868	160	3,113,369	2,267,261	27.18
059L	Electricity of Kratie Province	Part of Snoul District (Kratie)	576		1,575,700	1,418,130	10.00
060L	Mrs. Eam Sreng	Khum Mesorchrey, Steung Trang District (Kampong Cham)	650	72	113,400	84,150	25.79
061L	Mr. Khoeun Sambath	Phsar Ang Snuol Town, Khum Peuk, Ang Snuol District (Kandal)	328	89.6	83,211	72,000	13.47
062L	Mr. Keb Borey	Estern Phsar Prek Kdam Town, Ponhealeu District (Kandal)	330	96	61,058	50,556	17.20
063L	Mr. Ong Hoxsin	Stong District Town (Kampong Thom)	851	300	232,170	184,500	20.53
064L	Mr. Chhin Seng	Phsar Tram Khnar Town (Kampong Speu), and Khum Sophy (Takeo)	624	404	201,186	156,000	22.46
065L	Mr. Chuo Sroan	Phsar Mean Town, Khum Mean and Trapeangpreah, Preychhor District (Kampong Cham)	140	76	31,892	18,000	43.56
066L	Mr. Pean Sokhalay	Phsar Prek Anhchang Town, Mokampoul District (Kandal)	900	90	296,912	144,000	51.50
067L	Mr. Sok Hoy	Phsar Trapeang Kraleung Town, Phnom Sruoch District (Kampong Speu)	350	90	83,638	66,450	20.55
068L	Mrs. Tuoch Montha	Khum Phnom Sampao, Banan District (Battambang)	470	90	91,368	44,532	51.26
069L	Mr. Nob Ben	Rattanakmondul District Town (Battambang)	500	96	98,793	66,036	33.16
071L	Mr. Heng Tray	Southern Phsar Saang Town, Khum Preakkoy, Saang District (Kandal)	950	160	4,034,439	2,893,500	28.28
072L	Mr. Ya Sambath	Phsar Svaydounkeo Town, Bakan District (Pursat)	250	88	24,109	19,953	17.24
073L	Mr. Treung San	Phsar TangKrorSang Town, Santuk District (Kampong Thom)	450	64	86,040	76,864	10.66

Electricity Authority of Cambodia

074L	Mr. Mean Vanna	Phsar Svayteap Town, Khum Svayteap, Chamkaleu District (Kampong Cham)	550	84	136,720	99,402	27.30
075L	Mr. Chhay Kimhuor	Phsar Speu Town, Khum Speu and Chayyo, Chamkaleu District (Kampong Cham)	610	80	122,910	80,709	34.33
076L	Mr. Quach Edward	Khum Viangchas, O'dong District (Kampong Speu) and Khum Ponnhealeu, Khum Vihealuong, Khum Phsar Dek, Khum Phnom Bath, Khum Tomnobthom, and Khum Kampongluong,, Ponnhea Leu (Kandal)	3,349	776	1,214,796	992,474	18.30
077L	Mrs. Chao Nuy	Phsar Osnguot Town, Monkulborey District (Bantaymeanchey)	315	76	85,320	63,330	25.77
078L	Mr. Vorn Yeang	Phsar Kutasat Town, Khum Nimit and Kob, Ochrov District (Bantaymeanchey)	150	40	37,543	31,404	16.35
079L	Mr. Thon Theung	Phsar Phnomtouch Town, Monkulborey District (Bantaymeanchey)	382	89.6	63,888	50,520	20.92
080L	Mr. Sok Vitith	Phsar Banteayneang Town, Monkulborey District (Bantaymeanchey)	190	56	65,695	52,556	20.00
081L	Mr. Moun Han	Phnomsrok District Town (Bantaymeanchey)	400	89.6	56,680	43,200	23.78
082L	Mr. Ly Sokry	Phsar Trengtra Yeung Town, Phnomsroch District (Kampong Speu)	600	170	242,771	140,000	42.33
083L	Mr. Toung Yeun	Phsar Tnalchek Town, Khum Keangsangke and Damdeak, Sotnikum District (Siem Reap)	260	28	47,402	33,600	29.12
084L	Mr. Mok Chen	Phsar Pangsey Town, Samrong District (Takeo) and Khum Tuol Ampil, Borset District (Kampong Speu)	175	24	23,487	21,228	9.62
085L	Kg Cham City Power	Phsar Tnaloteung Town, Khum Chob, Tbongkhmom District (Kampong Cham)	1,241	11,200	3,128,411	3,048,834	2.54
087L	Mrs Sok Kongkea	Thmor Puok District Town, (Banteay Meanchay)	460	74.4	81,500	56,700	30.43
088L	Mr. Khun Sopal	Oreang Ov District Town, (Kampong Cham)	700	90.4	305,291	192,000	37.11
090L	Mr. Ven Veasna	Sangkat Prek Leap, Sangkat Prek Tasek, Khan Rusey Keo (Phnom Penh) and Khum Sombourmeas, Muk Kampoul District (Kandal)	650	240	233,409	107,973	53.74
091L	Mr. Sun Pov	Khum Prek Khpob and Khum Prek Luong, Ek Phnom District, (Battambang)	976	80	138,469	99,698	28.00
093L	Mr. Khut Chenda	Phsar Tramsorsor Town, Khum Samrong leu, Phsa Konsom-Ork Town, Khum Banteay Meas Khangkeut, and Banteaymeas District Town, (Kampot)	637	254	222,477	147,456	33.72
095L	Mrs. Chan Simoly	Phsar Prey Khmer Town, Khum Andong Snay and Rolea Phear, Rolea Phear District, (Kampong Chhnang)	412	68	63,958	45,600	28.70
096L	Mr. Chear Sareth	Phsar Pong Ro Town, Khum Pong Ro and Svay Chrum, Rolea Phear District, (Kampong Chhnang)	280	52	60,778	31,200	48.67
097L	Mr. Yin Ech	Angkor Chey District Town, (Kampot)	380	75	111,165	77,816	30.00
098L	Mrs. Kun Sivanny	Phsar Smachdeng, Sang Kat Ream Khan Preynop, (Sihanoukville)	400	138.4	90,672	71,540	21.10
099L	Mr. Leng Mov	Phsar Battdeung Town, Udong District (Kampong Speu) and Ponhea Leu District, (Kandal)	451	160	179,200	142,692	20.37
101L	Mr. Chhin Song	Phsar Thnalbort Town, Khum Por Ankrang, Bor Seth District, (Kampong Speu) and Khum Beungtranh, Samrong District, (Takeo)	310	60	235,951	120,360	48.99
102L	Mr. Preab Vannareth	Khum O-Tapong, Bakan District, (Pursat)	139	56	16,070	12,517	22.11
103L	Mr. Nhem Phany	Phum Bak Kheng, Sang Kat Prek Leap, Khan Rusey Keo, Phnom Penh and Phun Kdeychas, Khum Rusey Keo, Mukompol District, (Kandal)	900	220	345,628	283,000	18.12
105L	Mr. Soeung Sovanna	Phsar Phnom Thom Tbong Town, Khum O-Prasat, Mongkul Borei District, (Banteay Meanchay)	248	56	53,588	40,155	25.07

Electricity Authority of Cambodia

106L	Mrs. Ann Samlan	Phum Koh Sdech, Khum Koh Sdech, Kirsakor District, (Koh Kong)	620	96	104,050	81,568	21.61
108L	Mrs. Sin Savuon	Preahnet Preah District (Banteay Meanchey)	340	165	74,443	57,842	22.30
109L	Mrs. Tieng Chenda	District Town of Mongrussey (Left Hand Side of National Road No. 5, Direction from Phnom Penh to Battambang) (Battambang)	976	300	375,906	270,652	28.00
110L	Mrs. Sea Kech	District Town of Mongrussey (Right Hand Side of National Road No. 5, Direction from Phnom Penh to Battambang) (Battambang)	713	220	282,526	211,894	25.00
111L	Mr. Kong Vun	Chikreng District Town (Siem Reap)	950	96	128,903	114,000	11.56
112L	Mr. Ly Kang	Chikreng District Town (Siem Reap)	170	88	70,455	66,720	5.30
113L	Mr. Nou Krui	Khum Angkorborey and District Town of Angkor Borey (Takeo)	413	148	39,516	35,784	9.44
114L	Ms. Chea Ting	Phum Areyksat, Khum Areyksat, Lavea-Em District (Kandal)	215	64	38,402	28,598	25.53
117L	Mr. Dung Ly	Phum Ang Long Tamey, Khum Chheuteal, Banorn District (Battambang)	86	12	27,160	22,263	18.03
118L	Mrs. Sok Kheng	Baty District Town (Takeo)	480	98	113,181	103,200	8.82
119L	Mr. Un Sothea	Teuk Phos District Town (Kampong Chhnang)	480	92	80,263	65,832	17.98
120L	Mr. Chan Keat	Sangkat Otresh, Khan Steung Hav (Sihanoukville)	250	84	136,483	113,718	16.68
121L	Mrs. Kaing Gech Seam	Phsar Tramkork, Khum Tramkork, Tramkork District (Takeo)	172	88	63,503	48,396	23.79
124L	Yeab Lav	Kravanh District Town, (Pursat)	963	76.8	183,034	123,180	32.70
125L	York Savong	Krokor District Town (Pursat)	1140	96	269,747	194,218	28.00
127L	Te Hong Cheng	Kampong Khlaing, Sotr Nikum District, (Siem Reap)	280	48	23,475	17,011	27.54
128L	Eang Khun	Rovieng District Town (Preah Vihear)	260	52	13,650	10,920	20.00
129L	Chrun Leang Sour	Khum Sangveuil, Chikreng District (Siem Reap)	100	40	15,804	9,798	38.00
130L	Mr. Try Leng	Phum Choeung Chnok, Khum Taingkrang, Bathay District (Kampong Cham)	450	32	33,600	30,100	10.42
133L	Hak Ly Seng	Khum Preyromdeng and Khum Prek-Ampok,, Kirivong District (Takeo)	300	78	26,222	20,000	23.73
134L	Try Khlaik	Phsar Romenh town, Khum Romenh, Koh Andet District (Takeo)	380	106	89,280	74,400	16.67
135L	Dik Rin	Phum Phsar Deumroka town, Khum Veal, Kongpisey District (Kampong Speu) and Khum Tang Daung, Bati District (Takeo)	120	40	20,227	9,012	55.45
136L	Men Kunthear	Phum Phsar Talat Town, Khum O, Phnom Sruoch District (Kampong Speu)	136	70	24,712	20,380	17.53
137L	Mr. Meng Sokleng	Area along RN 4 (north) from Khum Vorsar and along RN 51 to the end border of Khum Mkak, Samarongtong District, Oddong District (Kampong Speu) and Angsnoul District (Kandal)	420	90	64,825	51,825	20.05
138L	Lim Heng Group Co, Ltd	Phsar O Russey, Phnom Penh	3850		2,792,975	2,653,326	5.00
139L	Doung Narin	Angkor Chum District Town (Siem Reap)	188	94	24,710	20,868	15.55
140L	Chea Channarooun	Taong town, Khum Svay Teab, Chamkar Leu District (Kampong Cham)	550	80	86,720	64,278	25.88
141L	Chaing Kun	Phum Phsar Yeay Trob Town, Khum Roveang, Samrong District (Takeo)	114	60	20,473	17,952	12.31

Electricity Authority of Cambodia

143L	Leang Chunny	Phum KbalKonh, Khum Kohdach, Muk kampoul District (Kandal)	328	19.2	36,970	25,620	30.70
144L	Dok Liv	Phsar Siem Reap town, Kandal Stung District (Kandal)	709	156	118,230	78,508	33.60
153L	Mrs Nguon Socheatey	Phsar Beng Kyang town, Khum Beng Kyang and Khum Prek Sleng, Kandal Steung District (Kandal)	483	40	71,077	59,541	16.23
154L	Mr. Uy Sopath	Khum Roleang Kreul, Samraong Tong District and Khum Roka Koh, Kongpisei District (Kampong Speu)	145	32	23,400	16,800	28.21
155L	Mr. Samret Kiri	Phsar Krangchek Town, Khum Krangchek, Udong District (Kampong Speu)	140	24	42,240	28,359	32.86
156L	Mr. Men Sambath	Khum Trapeang Kong, Samraong Tong District (Kampong Speu)	150	30	17,480	13,644	21.95
159L	Mr. Khun Sopheap	Batheay District Town (Kampong Cham)	300	80	87,658	69,167	21.09
160L	Mr. Seng Chinleang	Srey Santhor District Town (Kampong Cham)	600	90	204,160	157,200	23.00
162L	Mr. Hay Tina	Chum Ksan District Town (Preah Vihear)	200	92	26,230	17,080	34.88
163L	Mr. Phom Phal	Trapaing Prasat District Town (Oddor Meanchey)	300	60	54,000	32,400	40.00
164L	Mrs Tek Sina	Kralanh District Town (Siem Reap)	2,010	256	180,865	144,875	19.90
165L	Mrs. Mao Chay Hong	Krong Meas District area and Kampong Siem District area (Kampong Cham)	150	72	15,860	12,810	19.23
168L	Mrs. Ou Kimheng	Khum Svayproteal and Khum Troeysla, Saang District (Kandal)	258	20	18,616	14,893	20.00
169L	Mr. Bun Huy	Khum Banteaydek, Kien Svay District (Kandal)	213	54	23,480	18,079	23.00
170L	Mr. Chhun Ly	Phum Raing Dek, Khum Kokythom, Kien Svay District (Kandal)	270	40	47,060	33,883	28.00
171L	Mrs Nhem Sotheary	Khum Prek Takov, Khsach Kandal District (Kandal)	292	29.6	21,256	18,627	12.37
172L	Mr. Un Savoeun	Khum Srayang, Koulén District (Preah Vihear)	180	46	7,661	5,443	28.95
174L	Mr. Moeun Sokhan	Khum Poutsor and Khum Kraingthong, Baty District (Takeo)	300	72	50,400	40,320	20.00
175L	Mr. Toeng Samouv	Phsar Slableng Town, Khum Pheary Meanchey and Khum Svayrompear, Borsat District (Kampong Speu)	325	60	109,512	82,446	24.72
176L	Mr. Moul Tit	Khum Samrong and Prekateng, Pohnnealeu District (Kandal)	620	96	56,000	40,300	28.04
178L	Mr. Pech Sopheap	Khum Samrong, Samrong District (Takeo)	120	24	19,500	15,000	23.08
182L	Mr. Khun Sarun	Bovil District Town (Battambang)	900	264	250,362	225,000	10.13
183L	Mrs. Meas Keav	Khum Samrong, Sotnikum District (Siem Reap)	150	30	22,960	18,965	17.40
184L	Mrs. Chea Kimthat	Sangkat Prey Nob, Khan Prey Nob (Sihanoukville)	138	30	10,800	8,100	25.00
185L	Mr. Phlok Vannak	Khum Kantraing, Prasatbakong District (Siem Reap)	150	24	22,960	13,776	40.00
186L	Mr. Heng Kosal	Khum Vihearsuor, Khsach Kandal District (Kandal)	800	92	17,387	13,097	24.67
187L	Mr. Khem Rany	Kampong Trabek District Town (Prey Veng)	268	80	7,064	5,674	19.68
188L	Mr. Chaing Kea	Khum Lomchong and Khum Seung, Samraung District (Takeo)	121	72	7,968	7,012	12.00
189L	Phum Nimit Co, Ltd	Along the road from Boeung Trakuon Town, Khum Kokromeat to Thmor Pouk	117	175	8,800	7,050	19.89

Electricity Authority of Cambodia

		District Town (Banteay Meanchey)					
190L	Mr. Mak Van	Svay Chek District Town (Banteay Meanchey)	240	50	4,500	3,150	30.00
191L	Mrs. Phin Vipheavy	Chhloung District Town (Kratie)	1,010	72	35,970	28,765	20.03
192L	Mr. Bun Heang	Krouch Chhmar District Town (Kampong Cham)	180	32	9,480	6,660	29.75

Remarks:

The electricity supplied at Snoul district (Kratie) by Electricity of Kratie Province is imported from Vietnam. The quantity imported is shown under energy generated coloumn in the above Table.

Annex 7
Information on Licenses not valid at the end of year 2007

License Number	Name of Licensee	Type of License	Year during which the validity expired/terminated
010L	Cambodia Wan Long International Industrial Co. Ltd	Generation	2003
005L	Mr. Chea Sopha	Generation	2004
025L	Santepheap Cambodia Investment Co., LTD	Generation	2004
070L	Mr. Bou Boeun	Consolidated	2005
003L	Jupiter Power (Cambodia) Co. Ltd	Generation	2006
024L	Global Power System PTE LTD	Generation	2006
092L	Mr. Som Visal	Consolidated	2006
100L	J.P.N. Cambodia International Co. Ltd	Generation	2006
94L	Edward Energy Supply Co., LTD	Generation	2007
104L	Mr. Suon Sany	Consolidated	2007
131L	Mrs. Nhek Sokon	Consolidated	2007
107L	Union Victory Asia Co., Ltd	Generation	2007

Annex 8
Tariffs of Licensees at end of year 2007

License number	Distribution zone	Licensee	Tariff	Currency unit	Conditions
6	Kampong Thmar town Baray District and Sontuk District, Kampong Thom Province	Mr. Huor Peng	2000	Riel	General
8	Kamrieng district, Battambang	Franasie Import Export Co, Ltd	4.5 5 6	Baht	Casino Hotel Household
8	Sampeou Loun district, Battambang	Franasie Import Export Co, Ltd	5.5 7.5	Baht	Factories Household
8	Phnom Preuk district, Battambang	Franasie Import Export Co, Ltd	6 7.5	Baht	Govt Offices, Hotels Households

Electricity Authority of Cambodia

9	Prum market, Pailin City	MSP Development Co. Ltd	5 6	Baht	Vannakpheap Dev. Co. Ltd Household
11	Poipet town, Banteay Meanchey	Anco Brothers Co. Ltd	6 5 4.3	Baht	Small, Household Medium, Govt institution MV, Casino
11	Koh Thom and Saang district	Anco Brothers Co. Ltd	650 0.115	Riels USD	All LV Big, Industrial
12	Kampong Thom provincial town	Sung Jin & Chilbo Industrial Co. Ltd	1600	Riel	
13	Areas along the National Road No. 2 from Vietnam border to the end of Pech Sar and road from Preak Bat Cheun Chum to Prey Ampork Commune, Kirivong District, Takeo Province	Mr. Mak Thorn	2300	Riel	General
14	O Smach town	Duty Free Shop Co. Ltd	370 480 500	Riel	Company branch Companies Household
14	Khum along National Road no 68 and Uddor Meanchey provincial town	Duty Free Shop Co. Ltd	11 0.115	Baht USD	Household Big Consumers

Electricity Authority of Cambodia

14	Koh Kong provincial town	Duty Free Shop Co. Ltd	300 500 600	Riel	Company Factory Household
15	Samrong Yong town, Khum Trapaing Sab, Bati district, Takeo province	Mr. Srey Sokhom	2800	Riel	General
16	Kampong Chrey town, Traing district and Koh Andett, Takeo province	Mr. Ke Kuy Huoy	3000 2800 2500 2200	Riel	1-5 kWh 6-10 kWh 11-20 kWh >20 kWh
17	Neak Loeung East side of Mekong River, Peamro district, Prey Veng province	Mrs. Bun Liv	2200 2200	Riel	General Ferry entity
18	Snay Pol district town, Prey Veng province	Mr. Ky Sophea	2500	Riel	General
19	Treal town, Baray district, Kampong Thom province	Mr. Tè Kok Eng	2800 2500	Riel	1-100 kWh >100 kWh
20	Khum Snor and Khum Preylvear, Preykabas District, Takeo Province	Mr. Chhuor Lay	2500 2300 2100	Riel	1-30 kWh 31-50 kWh >50 kWh

Electricity Authority of Cambodia

21	Neak Loeng on west side of Mekong river, Leuk Dek district, Kandal province	Mr. Nov Sokha	2200 2300	Riel	Telecom Household
22	Thmar Sor town, Khum Kork Po, Borey Chulsa district, Takeo province	Mr. Kong Phat	3000	Riel	General
23	Phsar Preytoteung Town, Preychhor District, Kompong Cham Province	Mr. Khun Sambo	2500	Riel	General
26	Phaav town, Batheay district, Kampong Cham province	Mr. Chaing Bunnaret	2700 2500 2300	Riel	1-9 KWh 10-49 KWh >50
27	Tbaung Khmum district town (Suong), Kampong Cham province	Mr. Kuy Suor	1500 1700 1900 2100	Riel	> 500KWh 201-500 KWh 80-200 KWh 1-80 KWh
28	Sre Ambel district town, Koh Kong province	Mr. Samrith Sothy	2500	Riel	General
29	Veal Rinh district town, Sihanoukville city	Mr. Sok Thy	1850	Riel	General

Electricity Authority of Cambodia

30	Sangkat Tumnup Rolork, Khan Steung Hav, Sihanoukville	Mr. Ly Bunthy	2300	Riel	General
31	Preah Vihear provincial town	Mr. Chan Thon	2200	Riel	General
32	Taing Kork town, Baray district, Kampong Thom province	Mr. Nhen Kong	2600	Riel	General
33	Beung Khnar town, Bakan district, Pursat province	Mr. Chhuor Nguon	2900	Riel	General
34	Trapaing Chorng, Bakan district, Pursat province	Mr. Teum Touch	2900	Riel	General
35	Puok district town, Siemreap province	Vonn Virek Service Co, Ltd	2800	Riel	General
36	Kar Andeuk town, Khum Prasat, Kampong Trabek district, Prey Veng province	Mrs. Pauch Kim	2200	Riel	General

Electricity Authority of Cambodia

37	Rokar Kong town, Muk Kampoul district, Kandal province	Mr. Ieng Seng Hy	2500	Riel	General
38	Chamkar Leu district town, Kampong Cham province	Mr. Sieng Seng	2700	Riel	General
39	Baray district town, Kampong Thom province	Mr. Kim Chan Dara	2800	Riel	General
40	Phsar Ponley town, Boribo district, Kampong Chhnaing province	Mr. Mak Heat	2800	Riel	General
41	Kampong Tralach district town, Kampong Chhnaing province	Mr. Ty Sokun	2500	Riel	General
42	Trapaing Ropeou town, Khum Prek Thnot, Kampot district, Kampot province	Mr. Kong Sophal	3000	Riel	General
43	Thmor Kaul district town, Battambang province	Mr. Lay Sè	2400	Riel	General

Electricity Authority of Cambodia

44	Chhouk district town and Chumkiri District Town, Kampot province	Mr. Kong Puthy	2200	Riel	General
45	Kampong Popil town, Pearaing district, Prey Veng province	Mr. Loem Sokkhoeurn	3000 2500	Riel	3-5 kWh 6 or more kWh
46	Svay Antor district town, Prey Veng province	Mr. Seng Sokun	2800	Riel	General
47	Phsar Skun town, Cheung Prey district, Kampong Cham province	Mrs. Sar Malis	2700 2500 2000	Riel	1-49 kWh 50-199 kWh >199 kWh
48	Phsar Damdek town, Sot Nikum district, Siemreab province	Mr. Chhom Sophay	2900	Riel	General
49	Khum Troeuysla and Khum Talun, Saang District, Kandal Province	Mrs. Khiev Nareth	2800	Riel	General
50	Khum Prek Thmey and Chheu Teal, Kien Svay district, Kandal province	Reeco Company	720	Riel	General

Electricity Authority of Cambodia

51	Kampong Chhnang provincial town	Sovanny Electricity Development Co. Ltd	0.328 0.31 0.29 0.27	USD	Small Medium Big MV Consumers
52	Pursat provincial town	Nareth Co. Ltd Electricity Development	0.328 0.310 0.290 0.270	USD	Small Medium Big MV Consumer
53	Thnal Toteung town, Khum Damnak Ampil, Ang Snuol district, Kandal province	Mr. Long Ngèt	2200	Riel	General
54	Say Va town, Khum Taing Yab, Prey Kabbas district, Takeo province	Mrs. Ouch Por	2800 2500	Riel	1-30 kWh >30 kWh
55	Prey Sandek town, Khum Prey Sleuk, Traing district, Takeo province	Mr. Try Soban	2500 2800 3000	Riel	>20 kWh 15-20 kWh 1-14 kWh
56	Phsaar Bos Knor Town, ChamKar Leu District, and Troeung Town, Prey Chhor District, Kg Cham Province	Mr. Nheuk Theary	2700	Riel	General
57	Steung Trang district town, Kampong Cham province	Mrs. Chin Sohin	1.00 0.80	USD	1-2 kWh 3 or more kWh

Electricity Authority of Cambodia

58	Kampong Kantuot town, Khum Baku, Kandal Steung district, Kandal province	Mr. Chhay Neng	1800 2500 3000	Riel	Antenna GSM Gov officer Household
59	Kratie provincial town	Electricity of Kratie Province	1600	Riel	General
	Snuol district town, Kratie province	Electricity of Kratie Province	600 0.115	Riel USD	LV Consumer MV Consumer
60	Khum Mesor Chrey, Stoeung Trang district, Kampong Cham province	Mr. Eam Sreng	1.00 0.80	USD	1-2 kWh 3 or more kWh
61	Ang Snuol town, Khum Peuk, Ang Snuol district, Kandal province	Mr. Khoeun Sambatt	2500 2300	Riel	1-99kWh =>100 kWh
62	East Prek Kdam town, Ponhea Leu district, Kandal province	Mr. Keb Borey	2000 2700	Riel	Ferry -Pagoda General
63	Staung district town, Kampong Thom province	Mr. Ung Hok Sin	2500 2200	Riel	General Hospital

Electricity Authority of Cambodia

64	Tram Khnar town, Khum Changruk, Takeo province and Khum Sophy, Kampong Speu province	Mr. Chhin Seng	1500 2000 2500	Riel	Local Auth'ty Antenna Household
65	Mien town, Prey Chhor district, Kampong Cham province	Mr. Chou Sroan	3200 3000 2800	Riel	1-5 kWh 6-10 kWh >10 kWh
66	Prek Anhchanh town, Muk Kampoul district, Kandal province	Mr. Pean Sokhalay	2500	Riel	General
67	Trapaing Kraloeung town, Khum Kirivornt, Phnom Sruoch district, Kampong Speu province	Mr. Sok Hoy	3000 2800	Riel	Household Govt Office
68	Khum Phnom Sampeou, Banan district, Battambang province	Mrs. Touch Montha	2950	Riel	General
69	Ratanak Mondul district town, Battambang province	Mr. Nob Bin	2800	Riel	General
71	Southern Saang district town, Kandal province	Mr. Heng Tray	2450	Riel	General

Electricity Authority of Cambodia

72	Svay Daun Keo town, Bakan district, Pursat province	Mr. Ya Sambat	3500	Riel	General
73	Khum Taing Krasaing, Santuk district, Kampong Thom province	Mr. Treung San	2900	Riel	General
74	Khum Svay Teab, Chamkar Leu district, Kampong Cham province	Mr. Mean Vanna	2700	Riel	General
75	Speu town, Khum Speu and Khum Cheyo, Chamkar Leu district, Kampong Cham province	Mr. Chhay Kim Huor	2700	Riel	General
76	Khum Ponnhealeu, Khum Vihealuong, Khum Phsar Dek, Khum Phnom Bath, Khum Tomnobthom, and Khum Kampongluong, Punnhea leu District, Kandal Province and Khum Vaing Chas, O'Dong District, Kg Speu Province	Mr. Quach Edward	1900 2000	Riel	=> 300 KWh 1-299 KWh
77	O Snguot town, Khum O Prasat, Mongkul Borey district, Banteay Meanchey province	Mr. Chao Nuy	2600	Riel	General
78	Kuttsatt town, Khum Nimit and Kaub, O Chrov district, Banteay Meanchey province	Mr. Vorn Yeang	3000	Riel	General

Electricity Authority of Cambodia

79	Khum Phnom Toch, Mongkul Borey district, Banteay Meanchey province	Mr. Thun Thoeurn	26	Baht	General
80	Banteay Neang Khum town, Mongkul Borey district, Banteay Meanchey province	Mr. Sok Vitith	2600	Riel	General
81	Phnom Sruk district town, Banteay Meanchey province	Mr. Muon Han	30	Baht	General
82	Treng Trayeung Khum town, Phnom Sruoch district, Kampong Speu province	Mr. Ly Sokkry	2000 2500 2700	Riel	=>50 KWh 20-49 KWh 1-19 KWh
83	Thnal Chek town, Khum Damdek, Sotr Nikum district, Siemreab province	Mr. Tun Yoeun	2900	Riel	General
84	Paing Kasey and Kvav town, Tuol Ampil district, Takeo province and Kampong Speu province	Mr. Mok Chin	3000	Riel	General
85	Thnal Toteung town, Khum Chub, Tbaung Khmum district, Kampong Cham province	Kampong Cham City Power Co. Ltd	1400	Riel	General

Electricity Authority of Cambodia

86	Northern Saang district town, Kandal province	Mr. Keung Rithy	1150	Riel	General
87	Thmar Puok district town, Banteay Meanchey province	Mrs. Sok Kongkea	30	Baht	General
88	O Raing Ov district town, Kampong Cham province	Mr. Khun Sophal	2300	Riel	General
89	Pailin city	Vannakpheap Development Co. Ltd	850	Riel	General
90	Sangkat Prek Leap, Sangkat Prek Tasek, Khan Rusey Keo, Phnom Penh and Khum Sombourmeas, Muk Kampoul District, Kandal Province	Mr. Ven Veasna	2300 2400 2500	Riel	>100kWh 51-100 KWh 1-50 KWh
91	Khum Prek Khporb and Khum Prek Luong, Ek Phnom district, Battambang province	Mr. Sun Pov	2400	Riel	General
93	Phsar Tramsorsor Town, Khum Samrong leu, Phsa Konsom-Ork Town, Khum Banteay Meas Khangkeut, and Bantay Meas District Town, Banteay Meas District, Kampot Province	Mr. Khut Chenda	2000	Riel	General

Electricity Authority of Cambodia

95	Prey Khmer town, Khum Rolea Paier and Andaung Snay, Rolea Paier district, Kampong Chhnaing province	Mrs. Chan Simoli	3500	Riel	General
96	Pong Ro town, Khum Pong Ro and Khum Svay Chrum, Rolea Paier district, Kampong Chhnaing province	Mr. Chea Sareth	3500	Riel	General
97	Angkor Chey district town, Kampot province	Mr. Yin Ich	2300	Riel	General
98	Smach Deng town, Sangkat Ream, Khan Prey Nub, Sihanoukville	Mrs. Kun Sivanny	2500	Riel	General
99	Batdeung town, Uddong district, Kampong Speu province	Mr. Leng Mov	2700 2500	Riel	1-99 kWh =>100 kWh
101	Thnal Bortt, Samrong district, Kampong Speu province	Mr. Chhin Song	2500 2000	Riel	1-100 kWh >100 kWh
102	O Tapong, Bakan district, Pursat province	Mr. Preap Vannareth	3500	Riel	General

Electricity Authority of Cambodia

103	Bak Kheng, Sangkat Prek Lieb, Khan Russey Keo, Phnom Penh	Mr. Nhem Phanny	2600 2400 2200 2000	Riel	1-50 kWh 51-100 kWh 101-500 kWh >500 kWh
105	Phsar Phnom Thom Tbong Town, Khum O Prasat, Mongkul Borey district, Banteay Meanchey province	Mr. Soeung Sovanna	2600	Riel	General
106	Koh Sdach, Koh Kong province	Mrs. Ann Samlan	2300	Riel	General
108	Preah Netr Preah district town, Banteay Meanchey province	Mrs. Sin Savuon	2200 2600 2800 3000	Riel	>200 kWh 51-200 kWh 11-50 kWh 1-10 kWh
109	Mong Russey district town, Battambang province, at left side from PhnomPenh	Mrs. Tieng Chenda	2500	Riel	General
110	Mong Russey district town, Battambang province, at right side from Phnom Penh ¹	Mrs. Sea Kech	2500	Riel	General
111	Chikreng district town, Siemreab province	Mr. Kong Vun	2700 2400	Riel	1-25 kWh >25 kWh

Electricity Authority of Cambodia

112	Chikreng district town, Siemreab province	Mr. Ly Korng	2400 2700	Riel	>25 KWh <25 KWh
113	Angkor Borey district town, Takeo province	Mr. Nou Krui	2700	Riel	General
114	Phum Areyksat, Khum Areyksat, Lavea-em District, Kandal Province	Mr. Chea Taing	3000 2500	Riel	1-5 kWh > 5 kWh
117	Anlong Tamei town, Banan district, Battambang province	Mr. Dung Ly	2000 2000	Riel	Battery Charging Household
118	Baty District Town, Takeo province	Mrs. Sok Kheng	1500 2400 2800	Riel	Gov. office NGOrganization Household
119	Teuk Phos district town, Kampong Chhnaing province	Mr. Un Sothea	3000	Riel	General
120	Sangkat O Treh, Khan Steung Hav, Sihanoukville	Mr. Chann Keat	2500	Riel	General

Electricity Authority of Cambodia

121	Tram Kak district town, Takeo province	Mrs. Kaing Gech Siem	2500	Riel	General
122	Stoeung town, Ponhea Krek district, Kampong Cham province	Electricity Development and Construction Company	750 0.125	Riel USD	Household =>20,000 kWh
124	Kravanh district town, Pursat province	Mr. Yeab Lao	2900	Riel	General
125	Krakor district town, Pursat province	Mr. York Savong	2900	Riel	General
127	Khum Kampong Khlaing, Siemreab province	Mr. Tè Hong Cheng	5000 4800	Riel	1-10 kWh >10 kWh
128	Rovieng district town, Preah Vihear province	Mr. Eang Khun	3500	Riel	General
129	Chork town, Khum Sangveuy, Chikreng district, Siemreab province	Mrs. Chrun Leang Suor	4000	Riel	General

Electricity Authority of Cambodia

130	Cheung Chhnok town, Khum Taing Kraing, Batheay district, Kampong Cham province	Mr. Try Leng	3500 3000	Riel	1-15 kWh > 15kWh
133	Khum Prey Rumdeng and Khum Prey Ampork, Kirivong district, Takeo province	Mr. Hak Ly Seng	2700 2500	Riel	1-19 kWh >19 kWh
134	Khum Romenh, Koh Andet district, Takeo province	Mr. Try Khlauk	2500	Riel	General
135	Deum Roka town, Khum Veal, Korng Pisey district, Kampong Speu province	Mr. Dik Rin	2500	Riel	General
136	Deum Talat town, Khum O, Phnom Sruoch district, Kampong Speu province	Mr. Men Kunthea	3300	Riel	General
137	Area along RN 4 (north) from Khum Vorsar and along RN 51 to the end of Khum Mkak, Samarongtong District, Oddong District, Kampong Speu Province and Angsnoul District, Kandal Province	Mr. Meng Sokleng	3000	Riel	General

Electricity Authority of Cambodia

138	O Russey market, Phnom Penh	Lim Heng Group Co, Ltd	1200	Riel	General
139	Angkor Chum district town, Siemreab province	Mr. Duong Narin	3500 3000	Riel	1-10 kWh >10 kWh
140	Khum Taong, Chamkar Leu district, Kampong Cham province	Mr. Chea Chan Naroen	2700	Riel	General
141	Phum Phsar Yeay Trob Town, Khum Roveang, Samrong District, Takeo Province	Mr. Chaing Kun	2500	Riel	General
143	Kbal Koh town, Khum Koh Dach, Kandal province	Mrs. Leang Chhunny	3000 2800	Riel	1-10 kWh > 10 kWh
144	Khum Siemreab, Kandal Stoeung district, Kandal province	Mr. Dok Liv	3000 2500 2500	Riel	General Gov. office Antenna
149	Malay district town, Banteay Meanchey province	Sinn Khim Import Export Co. Ltd	7.5 6	Baht	Residence offices

Electricity Authority of Cambodia

150	Khum Korky, Khum Dey-Et, Khum Chheur Teal and Khum Kampong Svay, Keansvay District, Kandal Province	Akkisni Kien Svay Co. Ltd	1100	Riel	General
151	Setbo town, Saang district, Kandal province	Khmer Electricity Service	1100	Riel	General
153	Phsar Beng Kyang town, Khum Beng Kyang and Khum Prek Sleng, Kandal Steung District, Kandal Province	Mrs Nguon Socheatey	3000 2800	Riel	1-10 kWh >10 kWh
154	Khum Roleang Kreul, Samraong Tong District and Khum Roka Koh, Kongpisei District, Kampong Speu Province	Mr. Uy Sopath	3500 3000	Riel	1-30 kWh >30 kWh
155	Phsar Krangchek Town, Khum Krangchek, Udong District, Kampong Speu Province	Mr. Samret Kiri	3500	Riel	General
156	Khum Trapeang Kong, Samraong Tong District, Kampong Speu Province	Mr. Men Sambath	3000	Riel	General
158	Keoseyma District Town, Mondulkiri Province	Electricity Unit of Mondulkiri Province	650 0.115	Riel USD	Small and Medium Big Consumer

Electricity Authority of Cambodia

159	Batheay District Town, Kampong Cham Province	Mr. Khun Sopheap	3000	Riel	General
160	Srey Santhor District Town, Kampong Cham Province	Mr. Seng Chinleang	3000 2800	Riel	1-10 kWh >10 kWh
162	Chum Ksan District Town, Preah Vihear Province	Mr. Hay Tina	3500	Riel	General
163	Trapaing Prasat District Town, Oddor Meanchey Province	Mr. Phom Phal	3500	Riel	General
164	Kralanh District Town, Siem Reap Province	Mrs Tek Sina	4000 3500	Riel	1-5 kWh >5 kWh
165	Kong Meas District area and Kampong Siem District area, Kampong Cham Province	Mrs. Mao Chay Hong	3800	Riel	General
168	Khum Svayproteal and Khum Troeysla, Saang District, Kandal Province	Mrs. Ou Kimheng	2700	Riel	General

Electricity Authority of Cambodia

169	Khum Banteaydek, Kien Svay District, Kandal Province	Mr. Bun Huy	2800	Riel	General
170	Phum Raing Dek, Khum Kokythom, Kien Svay District, Kandal Province	Mr. Chhun Ly	2500	Riel	General
171	Khum Prek Takov, Khsach Kandal District Kandal Province	Mrs Nhem Sotheary	2900	Riel	General
172	Khum Srayang, Koulen District, Preah Vihear Province	Mr. Un Savoeun	3500 3200	Riel	1-10 kWh >10 kWh
174	Khum Poutsor and Khum Kraingthong, Baty District, Takeo Province	Mr. Moeun Sokhan	2500	Riel	General
175	Phsar Slableng Town, Khum Pheary Meanchey and Khum Svayrompear, Borsat District, Kampong Speu Province	Mr. Toeng Samouv	2500 2200	Riel	Household Telecom
176	Khum Samrong and Prektaten, Pohnhealeu District, Kandal Province	Mr. Moul Tit	2500 2300 2200 2000	Riel	1-10 kWh 11-50 kWh 51-70 kWh >70 kWh

Electricity Authority of Cambodia

178	Khum Samrong, Samrong District, Takeo Province	Mr. Pech Sopheap	3000	Riel	General
180	Kep City and some areas along 22 kV line from Lork Town, Khum Svaytong Khangt boung, Kampongtrach District, Kampot Province to Authorised Distribution area of EDC at Kampot	Kep Power Supply Co. Ltd	800	Riel	General
182	Bovil District Town, Battambang Province	Mr. Khun Sarun	2400	Riel	General
183	Khum Samrong, Sotnikum District, Siem Reap Province	Mrs. Meas Keav	3500	Riel	General
184	Sangkat Prey Nob, Khan Prey Nob, Sihanoukville	Mrs. Chea Kimthat	1200	Riel	General
185	Khum Kantraing, Prasatbakong District, Siem Reap Province	Mr. Phlok Vannak	3000 2800	Riel	1-10 kWh >10 kWh
186	Khum Vihearsuor, Khsach Kandal District, Kandal Province	Mr. Heng Kosal	2500	Riel	General

Electricity Authority of Cambodia

187	Kampong Trabek District Town, Prey Veng Province	Mr. Khem Rany	2500	Riel	General
188	Khum Lomchong and Khum Seung, Samraung District, Takeo Province	Mr. Chaing Kea	2800	Riel	General
189	Along the road from Boeung Trakuon Town, Khum Kokromeat to Thmor Pouk District Town, Banteay Meanchey Province	Phum Nimit Co, Ltd	3500	Riel	General
190	Svay Chek District Town, Banteay Meanchey Province	Mr. Mak Van	4500	Riel	General
191	Chhloung District Town, Kratie Province	Mrs. Phin Vipheavy	2500	Riel	General
192	Krouch Chhmar District Town, Kampong Cham Province	Mr. Bun Heang	4000 3500	Riel	1-5 kWh >5 kWh

Annex 9
List of khums being supplied by Licensees at end of year 2007

Khum Code	Khum	District	License	Licensee
Banteay Meanchey				
10209	Ruessei Kraok	Mongkol Borey	1	EDC
10202	Bat Trang	Mongkol Borey	1	EDC
10501	Changha	O-Chrov	1	EDC
10602	Kampong Svay	Serey Sorphorn	1	EDC
10606	Phniet	Serey Sorphorn	1	EDC
10607	Preah Ponlea	Serey Sorphorn	1	EDC
10608	Tuek Thla	Serey Sorphorn	1	EDC
10605	Ou Ambel	Serey Sorphorn	1	EDC
10206	Ou Prasat	Mongkol Borey	77	Chao Nuy
10504	Nimitt	O-Chrov	78	Vorn Yeang
10502	Koub	O-Chrov	78	Vorn Yeang
10207	Phnum Touch	Mongkol Borey	79	Thon Theun
10201	Banteay Neang	Mongkol Borey	80	Sok Vitith
10305	Srah Chik	Phnom Srok	81	Moun Han
10706	Kumru	Thmar Koul	87	Sok Kongkear
10704	Thma Puok	Thmar Koul	87	Sok Kongkear
10402	Chob Veari	Prehnetphreh	108	Sin Savuon
10406	Rohal	Prehnetphreh	108	Sin Savuon
10405	Preah Netr Preah	Prehnetphreh	108	Sin Savuon
10902	Malay	Malay	149	Sun Kim Import Export
10408	Tuek Chour	Prehnetphreh	164	Teuk Sina
Battambang				
20306	Kdol Doun Teav	Battambang	1	EDC
20305	Sla Kaet	Battambang	1	EDC
20304	Chamkar Samraong	Battambang	1	EDC
20309	Ou Char	Battambang	1	EDC

Electricity Authority of Cambodia

20303	Rotanak	Battambang	1	EDC
20310	Svay Pao	Battambang	1	EDC
20301	Tuol Ta Aek	Battambang	1	EDC
20307	Ou Mal	Battambang	1	EDC
20302	Preaek Preah Sdach	Battambang	1	EDC
20308	Voat Kor	Battambang	1	EDC
20505	Peam Aek	Ék Phnom	1	EDC
20501	Preaek Norint	Ék Phnom	1	EDC
20503	Preaek Khpob	Ék Phnom	1	EDC
20502	Samraong Knong	Ék Phnom	1	EDC
20605	Chrey	Morng Russey	1	EDC
20802	Norea	Sangker	1	EDC
20801	Anlong Vil	Sangker	1	EDC
20809	Ou Dambang Pir	Sangker	1	EDC
20808	Ou Dambang Muoy	Sangker	1	EDC
20810	Voat Ta Muem	Sangker	1	EDC
21001	Sampeou Loun	Sampov Loun	8	Franasie Im & Exp
21101	Phnom Preuk	Phnom Prek	8	Franasie Im & Exp
21201	Kamrieng	Kamrieng	8	Franasie Im & Exp
20202	Ta Meun	Thmar Koul	43	Lay Se
20201	Ta Pung	Thmar Koul	43	Lay Se
20106	Phnum Sampov	Banan	68	Tuoch Montha
20701	Sdau	Ratanak Mondol	69	Nob Ben
20704	Traeng	Ratanak Mondol	69	Nob Ben
20702	Andaek Haeb	Ratanak Mondol	69	Nob Ben
20203	Ou Ta Ki	Thmar Koul	70	Bou Boeun
20504	Preaek Luong	Ék Phnom	91	Sun Pov
20601	Moung Ruessei	Morng Russey	109	Tieng Chenda
20609	Robas Mongkol	Morng Russey	109	Tieng Chenda
20606	Ta Loas	Morng Russey	110	Sear Kech
20602	Kear	Morng Russey	110	Sear Kech
20104	Chheu Teal	Banan	117	Dung Ly

Electricity Authority of Cambodia

20404	Prey Khpos	Bavil	182	Khun Sarun
20405	Ampil Pram Daeum	Bavil	182	Khun Sarun
20401	Bavel	Bavil	182	Khun Sarun
20406	Kdol	Bavil	182	Khun Sarun
20208	Kouk Khmum	Thmar Koul	430	Bun Heang
Kampong Cham				
30501	Boeng Kok	Kampong Cham	1	EDC
30502	Kampong Cham	Kampong Cham	1	EDC
30504	Veal Vong	Kampong Cham	1	EDC
30503	Sambuor Meas	Kampong Cham	1	EDC
30609	Krala	Kampong Siem	1	EDC
30611	Ro'ang	Kampong Siem	1	EDC
30601	Ampil	Kampong Siem	1	EDC
30606	Kaoh Roka	Kampong Siem	1	EDC
30605	Kaoh Mitt	Kampong Siem	1	EDC
30608	Kaoh Tontuem	Kampong Siem	1	EDC
31013	Tramung	Memot	1	EDC
31008	Memot	Memot	1	EDC
31005	Dar	Memot	1	EDC
31015	Treak	Memot	1	EDC
31206	Kraek	Punnhea Krek	1	EDC
31208	Trapeang Phlong	Punnhea Krek	1	EDC
31301	Baray	Prey Chhor	23	Khun Sambo
31304	Khvet Thum	Prey Chhor	23	Khun Sambo
31303	Chrey Vien	Prey Chhor	23	Khun Sambo
30106	Phaav	Batheay	26	Chang Bunnaret
31623	Vihear Luong	Tboung Khmum	27	Kuy Sour
31619	Suong	Tboung Khmum	27	Kuy Sour
31614	Moung Rieng	Tboung Khmum	27	Kuy Sour
31604	Chikor	Tboung Khmum	27	Kuy Sour
30204	Lvea Leu	Chamkar Leu	38	Sieng Seng
30206	Svay Teab	Chamkar Leu	38	Sieng Seng
30309	Srama	Cheung Prey	47	Mom Tara

Electricity Authority of Cambodia

30303	Phdau Chum	Cheung Prey	47	Mom Tara
30308	Soutip	Cheung Prey	47	Mom Tara
30304	Prey Char	Cheung Prey	47	Mom Tara
30201	Bos Khnaor	Chamkar Leu	56	Nhek Theary
30615	Vihear Thum	Kampong Siem	56	Nhek Theary
31308	Mien	Prey Chhor	56	Nhek Theary
31510	Preaek Kak	Steung Trang	57	Mr Chin Sok Hin
31505	Me Sar Chrey	Steung Trang	60	Eam Sreng
30205	Spueu	Chamkar Leu	75	Chhay Kimhuor
30203	Cheyyou	Chamkar Leu	75	Chhay Kimhuor
31107	Preah Theat	O-Raing Ov	85	Kg Cham City Power
31106	Mean	O-Raing Ov	85	Kg Cham City Power
31108	Tuol Sophi	O-Raing Ov	85	Kg Cham City Power
31101	Ampil Ta Pok	O-Raing Ov	85	Kg Cham City Power
31104	Kong Chey	O-Raing Ov	85	Kg Cham City Power
31605	Chirou Muoy	Tboung Khmum	85	Kg Cham City Power
31606	Chirou Pir	Tboung Khmum	85	Kg Cham City Power
31622	Tonle Bet	Tboung Khmum	85	Kg Cham City Power
31608	Chob	Tboung Khmum	85	Kg Cham City Power
31204	Kandaol Chrum	Punnhea Krek	122	E.D.Con.
31209	Veal Mlu	Punnhea Krek	122	E.D.Con.
31207	Popel	Punnhea Krek	122	E.D.Con.
31205	Kaong Kang	Punnhea Krek	122	E.D.Con.
31618	Sralab	Tboung Khmum	122	E.D.Con.
31601	Anhchaeum	Tboung Khmum	122	E.D.Con.
30103	Chealea	Batheay	130	Um Hout
30109	Tang Krang	Batheay	130	Um Hout
30610	Ou Svay	Kampong Siem	131	Nhek Kunthear
31315	Trapeang Preah	Prey Chhor	131	Nhek Kunthear
30207	Ta Ong	Chamkar Leu	140	Chea Channaroecun
30604	Kokor	Kampong Siem	165	Mao Chhay Hong
30706	Preaek Krabau	Kong Meas	165	Mao Chhay Hong

Electricity Authority of Cambodia

30709	Roka Koy	Kong Meas	165	Mao Chhay Hong
30704	Peam Chi Kang	Kong Meas	165	Mao Chhay Hong
Kampong Chhnang				
40110	Ponley	Boribo	40	Mok Heat
40109	Popel	Boribo	40	Mok Heat
40510	Thma Edth	Kampong Tralach	41	Ty Sokhun
40506	Ou Ruessei	Kampong Tralach	41	Ty Sokhun
40301	Phsar Chhnang	Kampong Chhnang	51	Sovanny Elec.Devl.Co.,Ltd
40304	Khsam	Kampong Chhnang	51	Sovanny Elec.Devl.Co.,Ltd
40302	Kampong Chhnang	Kampong Chhnang	51	Sovanny Elec.Devl.Co.,Ltd
40303	Ph'er	Kampong Chhnang	51	Sovanny Elec.Devl.Co.,Ltd
40612	Svay Chrum	Roleapaear	51	Sovanny Elec.Devl.Co.,Ltd
40604	Chrey Bak	Roleapaear	51	Sovanny Elec.Devl.Co.,Ltd
40104	Khon Rang	Boribo	40	Mok Heat
40605	Kouk Banteay	Roleapaear	95	Chan Simoly
40601	Andoung Snay	Roleapaear	95	Chan Simoly
40610	Rolea B'ier	Roleapaear	95	Chan Simoly
40607	Pongro	Roleapaear	96	Chear Sareth
40507	Peani	Kampong Tralach	166	Or Ratana
40505	Longveaek	Kampong Tralach	166	Or Ratana
40705	Sedthei	Samaki Meanchey	166	Or Ratana
40706	Svay	Samaki Meanchey	166	Or Ratana
40508	Saeb	Kampong Tralach	167	Or Joly
40502	Chhuk Sa	Kampong Tralach	167	Or Joly
40509	Ta Ches	Kampong Tralach	167	Or Joly
40503	Chres	Kampong Tralach	167	Or Joly
40611	Srae Thmei	Roleapaear	173	Ke Varin
Kampong Speu				
50201	Chbar Mon	Chbarmon	1	EDC
50203	Roka Thum	Chbarmon	1	EDC
50204	Sopoar Tep	Chbarmon	1	EDC
50202	Kandaol Dom	Chbarmon	1	EDC

Electricity Authority of Cambodia

50205	Svay Kravan	Chbarmon	1	EDC
50703	Khtum Krang	Samrong Tong	1	EDC
50715	Voa Sa	Samrong Tong	1	EDC
50701	Roleang Chak	Samrong Tong	1	EDC
50702	Kahaeng	Samrong Tong	1	EDC
50708	Sambour	Samrong Tong	53	Nget Hong
50713	Trapeang Kong	Samrong Tong	53	Nget Hong
50302	Chongruk	Kong Pisey	64	Chhin Seng
50310	Snam Krapeu	Kong Pisey	64	Chhin Seng
50611	Tang Sya	Phnom Sruoch	67	Sok Hoy
50604	Kiri Voan	Phnom Sruoch	67	Sok Hoy
50511	Veang Chas	Oudong	76	Quach Edward
50507	Preah Srae	Oudong	76	Quach Edward
50613	Traeng Trayueng	Phnom Sruoch	82	Ly Sokry
50111	Tuol Ampil	Borseth	84	Mok Chen
50307	Prey Vihear	Kong Pisey	84	Mok Chen
50107	Pou Angkrang	Borseth	101	Chhin Song
50607	Ou	Phnom Sruoch	136	Men Kunthear
50308	Roka Kaoh	Kong Pisey	154	Uy Sophat
50706	Roleang Kreul	Samrong Tong	154	Uy Sophat
50505	Krang Chek	Oudong	155	Samrith Kiri
50114	Svay Rumpea	Borseth	175	Teung Samov
50105	Pheari Mean Chey	Borseth	175	Teung Samov
50309	Sdok	Kong Pisey	175	Teung Samov
Kampong Thom				
60105	Chaeung Daeung	Baray	6	Huor Pheng
60102	Ballangk	Baray	6	Huor Pheng
60108	Chong Doung	Baray	6	Huor Pheng
60107	Chhuk Khsach	Baray	6	Huor Pheng
60703	Kampong Thma	Santok	6	Huor Pheng
60309	achar Leak	Steung Sen	12	Sunjing & Chilbo Industrial
60308	Prey Ta Hu	Steung Sen	12	Sunjing & Chilbo Industrial
60306	Kampong Krabau	Steung Sen	12	Sunjing & Chilbo

Electricity Authority of Cambodia

				Industrial
60303	Kampong Roteh	Steung Sen	12	Sunjing & Chilbo Industrial
60301	Damrei Choan Khla	Steung Sen	12	Sunjing & Chilbo Industrial
60302	Kampong Thum	Steung Sen	12	Sunjing & Chilbo Industrial
60310	Srayov	Steung Sen	12	Sunjing & Chilbo Industrial
60118	Treal	Baray	19	Te Kok Eng
60115	Sralau	Baray	19	Te Kok Eng
60109	Chrolong	Baray	32	Ngen Kong
60106	Chranieng	Baray	32	Ngen Kong
60114	Sou Young	Baray	32	Ngen Kong
60103	Baray	Baray	39	Kim Chantara
60813	Trea	Stoung	63	Ong Hoksin
60804	Kampong Chen Cheung	Stoung	63	Ong Hoksin
60805	Kampong Chen Tboung	Stoung	63	Ong Hoksin
60812	Samprouch	Stoung	63	Ong Hoksin
60708	Tang Krasang	Santok	73	Treung San
60707	Prasat	Santok	73	Treung San
Kampot				
70606	Kampong Trach Khang Lech	Kampong Trach	1	EDC
70604	Damnak Kantuot Khang Tboung	Kampong Trach	1	EDC
70609	Kanthaor Khang Lech	Kampong Trach	1	EDC
70608	Kanthaor Khang kaeut	Kampong Trach	1	EDC
70605	Kampong Trach Khang Kaeut	Kampong Trach	1	EDC
70601	Boeng Sala Khang Cheung	Kampong Trach	1	EDC
70615	Svay Tong Khang Cheung	Kampong Trach	1	EDC
70613	Ruessei srok Khang Kaeut	Kampong Trach	1	EDC
70614	Ruessei Srok Khang Lech	Kampong Trach	1	EDC
70616	Svay Tong Khang Tboung	Kampong Trach	1	EDC
70709	Meakprang	Kampot	1	EDC
70712	Prey Khmum	Kampot	1	EDC
70703	Kampong Kraeng	Kampot	1	EDC
70704	Kampong Samraong	Kampot	1	EDC

Electricity Authority of Cambodia

70717	Trapeang Pring	Kampot	1	EDC
70719	Trapeang Thum	Kampot	1	EDC
70702	Chum Kriel	Kampot	1	EDC
70718	Trapeang sangkae	Kampot	1	EDC
70804	Andoung Khmaer	Kampong Bay	1	EDC
70802	Krang Ampil	Kampong Bay	1	EDC
70803	Kampong Bay	Kampong Bay	1	EDC
70801	Kampong Kandal	Kampong Bay	1	EDC
70805	Tracuy Kaoh	Kampong Bay	1	EDC
70711	Preaek Tnaot	Kampot	42	Kong Sopal
70304	Chhuk	Chhouk	44	Kong Puthy
70307	Krang Snay	Chhouk	44	Kong Puthy
70312	Satv Pong	Chhouk	44	Kong Puthy
70407	Trapeang Reang	Chumkiri	44	Kong Puthy
70402	Chumpu Voan	Chumkiri	44	Kong Puthy
70205	Samraong Leu	Banteay Meas	93	Khut Chenda
70204	Samraong Kraom	Banteay Meas	93	Khut Chenda
70215	Voat Angk Khang Tboung	Banteay Meas	93	Khut Chenda
70211	Trapeang Sala Khang Lech	Banteay Meas	93	Khut Chenda
70213	Tuk Meas Khang Lech	Banteay Meas	93	Khut Chenda
70111	Tani	Angkor Chey	97	Yin Each
70108	Phnum Kong	Angkor Chey	97	Yin Each
70616	Svay Tong Khang Tboung	Kampong Trach	180	Keb Power Sup
70708	Koun Sat	Kampot	180	Keb Power Sup
70718	Trapaing Sangke	Kampot	180	Keb Power Sup
Kandal				
80408	Pouthi Ban	Koh Thom	11	Anco Brothers Co.,Ltd
80405	Kaoh Thum Kha	Koh Thom	11	Anco Brothers Co.,Ltd
80404	Kaoh Thum Ka	Koh Thom	11	Anco Brothers Co.,Ltd
80403	Kampong Kong	Koh Thom	11	Anco Brothers Co.,Ltd
80411	Preaek Thmei	Koh Thom	11	Anco Brothers Co.,Ltd
80402	Chrouy Ta Kaev	Koh Thom	11	Anco Brothers Co.,Ltd

Electricity Authority of Cambodia

80410	Preaek Sdei	Koh Thom	11	Anco Brothers Co.,Ltd
80401	Chheu Khmau	Koh Thom	11	Anco Brothers Co.,Ltd
80412	Sampov Lun	Koh Thom	11	Anco Brothers Co.,Ltd
81004	Kaoh Khsach Tonlea	Saang	11	Anco Brothers Co.,Ltd
81016	Tuek Vil	Saang	11	Anco Brothers Co.,Ltd
81003	Kaoh Khael	Saang	11	Anco Brothers Co.,Ltd
81001	Khpos	Saang	11	Anco Brothers Co.,Ltd
81007	Preaek Ambel	Saang	11	Anco Brothers Co.,Ltd
80501	Kampong Phnum	Leuk Dek	21	Nov Sokha
80506	Preaek Tonloab	Leuk Dek	21	Nov Sokha
80707	Roka Kaong Muoy	Mokampol	37	Ieng Seng Hy
80708	Roka Kaong Pir	Mokampol	37	Ieng Seng Hy
80704	Preaek Dambang	Mokampol	37	Ieng Seng Hy
81014	Ta Lon	Saang	49	Khiev Nareth
80210	Preaek Thmei	Kiesvay	50	Reeco Company
80202	Chheu Teal	Kiesvay	50	Reeco Company
80804	Damnak Ampil	Angsnuol	53	Nget Hong
80808	Lumhach	Angsnuol	53	Nget Hong
80103	Barku	Kandal Steung	58	Chhay Neng
80102	Anlong Romiet	Kandal Steung	58	Chhay Neng
80803	Chhak Chheu Neang	Angsnuol	61	Khoeun Sambath
80811	Peuk	Angsnuol	61	Khoeun Sambath
80905	Kaoh Chen	Punnhea leur	62	Keb Borey
80703	Preaek Anhchanh	Mokampol	66	Pean Sokhalay
81010	S'ang Phnum	Saang	71	Heng Tray
80903	Kampong Luong	Punnhea leur	76	Quach Edward
80914	Vihear Luong	Punnhea leur	76	Quach Edward
80911	Phsar Daek	Punnhea leur	76	Quach Edward
80907	Ponhea Lueu	Punnhea leur	76	Quach Edward
81009	Roka Khpos	Saang	86	Koeung Rithy
81008	Preaek Koy	Saang	86	Koeung Rithy
80710	Sambuor Meas	Mokampol	90	Ven Veasna

Electricity Authority of Cambodia

80904	Kampong Os	Punnhea leur	90	Ven Veasna
80909	Preaek Pnov	Punnhea leur	90	Ven Veasna
80701	Bak Khaeng	Mokampol	103	Nhem Phany
80315	Svay Chrum	Khsach Kandal	114	Chear Taing
80601	Akreiy Ksatr	Lavear Em	114	Chear Taing
80305	Kaoh Oknha Tei	Khsach Kandal	143	Leang Chunny
80702	Kaoh Dach	Mokampol	143	Leang Chunny
80113	Preah Putth	Kandal Steung	144	Dok Liv
80122	Siem Reab	Kandal Steung	144	Dok Liv
80109	Kouk Trab	Kandal Steung	144	Dok Liv
80205	Kbal Kaoh	Kiesvay	150	Electricity Kien Svay
80208	Phum Thum	Kiesvay	150	Electricity Kien Svay
80206	Kokir	Kiesvay	150	Electricity Kien Svay
80203	Dei Edth	Kiesvay	150	Electricity Kien Svay
80201	Banteay Daek	Kiesvay	150	Electricity Kien Svay
80204	Kampong Svay	Kiesvay	150	Electricity Kien Svay
81002	Kaoh Anlong Chen	Saang	151	Khmer Electricity Service
81013	Svay Rolum	Saang	151	Khmer Electricity Service
81011	Setbou	Saang	151	Khmer Electricity Service
80101	Ampov Prey	Kandal Steung	153	Nguon Socheatey
80116	Preaek Slaeng	Kandal Steung	153	Nguon Socheatey
80104	Boeng Khyang	Kandal Steung	153	Nguon Socheatey
80118	Roleang Kaen	Kandal Steung	154	Uy Sophat
81012	Svay Prateal	Saang	168	Ou Kim Heng
81015	Traeuy Sla	Saang	168	Ou Kim Heng
80207	Kokir Thum	Kiesvay	170	Chhun Ly
Koh Kong				
90401	Smach Mean Chey	Smach Meanchey	14	Duty Free Shop
90402	Dang Tong	Smach Meanchey	14	Duty Free Shop
90403	Stueng Veaeng	Smach Meanchey	14	Duty Free Shop
90501	Bak Khlang	Mondol Siema	14	Duty Free Shop
90503	Tuol Kokir	Mondol Siema	14	Duty Free Shop

Electricity Authority of Cambodia

90502	Peam Krasaob	Mondol Siema	14	Duty Free Shop
90605	Dang Peaeng	Sre Ambil	28	Samrith Sothy
90607	Sre Ambil	Sre Ambil	28	Samrith Sothy
90201	Kaoh Sdach	Kirisakor	106	Ann Samlan
90201	Kaoh Sdach	Kirisakor	106	Ann Samlan
Kratie				
100208	Krakor	Kratie	59	Electricity of Kratie Province
100210	Ou Ruessei	Kratie	59	Electricity of Kratie Province
100209	Kracheh	Kratie	59	Electricity of Kratie Province
100211	Roka Kandal	Kratie	59	Electricity of Kratie Province
100201	Bos Leav	Kratie	59	Electricity of Kratie Province
100503	Snuol	Snoul	59	Electricity of Kratie Province
100504	Srae Char	Snoul	59	Electricity of Kratie Province
100502	Pir Thnu	Snoul	59	Electricity of Kratie Province
Phnom Penh				
120709	Preaek Ta Sek	Russeykeo	90	Ven Veasna
120708	Preaek Lieb	Russeykeo	90	Ven Veasna
120301	Ou Ruessei Muoy	Prampi Makara	138	Lim Heng Group
Preah Vihear				
130702	Pal Hal	Tbeng Meanchey	31	Chan Thon
130701	Kampong Pranak	Tbeng Meanchey	31	Chan Thon
130501	Robieb	Roveang	128	Eang Khon
130502	Reaksmei	Roveang	128	Eang Khon
130504	Rung Roeang	Roveang	128	Eang Khon
130301	Choam Ksant	Chaom Ksan	162	Hay Tina
130302	Tuek Kraham	Chaom Ksan	162	Hay Tina
130304	Rumdaoh Srae	Chaom Ksan	162	Hay Tina
Prey Veng				
141102	Cheung Tuek	Kampong Leav	1	EDC
141103	Kampong Leav	Kampong Leav	1	EDC
141101	Baray	Kampong Leav	1	EDC
140702	Banlich Prasat	Peamror	17	Bun Liv

Electricity Authority of Cambodia

140706	Preaek Khsay Ka	Peamror	17	Bun Liv
140703	Neak Loeang	Peamror	17	Bun Liv
140707	Preaek Khsay Kha	Peamror	17	Bun Liv
140811	Roka	Pearaing	18	Ky Sophea
140305	Kansaom Ak	Kampong Trabek	36	Pauch Kim
140309	Prasat	Kampong Trabek	36	Pauch Kim
140301	Ansaong	Kampong Trabek	36	Pauch Kim
140801	Kampong Popil	Pearaing	45	Lim Sokhoeun
141010	Svay Antor	Preyveng	46	Seng Sokun
140307	Kampong Trabaek	Kampong Trabek	187	Khem Rany
Pursat				
150102	Boeng Khnar	Bakan	33	Chhuor Nguon
150110	Trapeang Chong	Bakan	34	Toem Touch
150203	Kandieng	Kandeang	52	Nareth Elec.Devl.Co.,Ltd
150207	Svay Luong	Kandeang	52	Nareth Elec.Devl.Co.,Ltd
150201	Anlong Vil	Kandeang	52	Nareth Elec.Devl.Co.,Ltd
150209	Veal	Kandeang	52	Nareth Elec.Devl.Co.,Ltd
150202	Banteay Dei	Kandeang	52	Nareth Elec.Devl.Co.,Ltd
150502	Kaoh Chum	Sampov Meas	52	Nareth Elec.Devl.Co.,Ltd
150504	Phteah Prey	Sampov Meas	52	Nareth Elec.Devl.Co.,Ltd
150507	Svay at	Sampov Meas	52	Nareth Elec.Devl.Co.,Ltd
150505	Prey Nhi	Sampov Meas	52	Nareth Elec.Devl.Co.,Ltd
150503	Lolok Sa	Sampov Meas	52	Nareth Elec.Devl.Co.,Ltd
150506	Roleab	Sampov Meas	52	Nareth Elec.Devl.Co.,Ltd
150108	Svay Doun Kaev	Bakan	72	Ya Sambath
150105	Ou Ta Paong	Bakan	102	Preab Vannareth
150407	Samraong	Phnom Kravanh	124	Yeab Lav
150404	Prongil	Phnom Kravanh	124	Yeab Lav
150402	Leach	Phnom Kravanh	124	Yeab Lav
150406	Santreae	Phnom Kravanh	124	Yeab Lav
150405	Rokat	Phnom Kravanh	124	Yeab Lav
150307	Kbal Trach	Krakor	125	York Savong

Electricity Authority of Cambodia

150301	Anlong Tnaot	Krakor	1250	Bun Heang
Ratanak Kiri				
160203	Yeak Laom	Banlong	1	EDC
160202	Labansiek	Banlong	1	EDC
160201	Kachanh	Banlong	1	EDC
160605	Ou Chum	O-Chum	1	EDC
Siem Reap				
171003	Kouk Chak	Siemreap	1	EDC
171010	Srangae	Siemreap	1	EDC
171001	Sla Kram	Siemreap	1	EDC
171002	Svay Dangcum	Siemreap	1	EDC
171008	Sambuor	Siemreap	1	EDC
171004	Sala Kamraeuk	Siemreap	1	EDC
171006	Chreav	Siemreap	1	EDC
171009	Siem Reab	Siemreap	1	EDC
171102	Dam Daek	Sout Nikum	48	Chhom Sophay
171110	Ta Yaek	Sout Nikum	83	Toung Yeun
171105	Kien Sangkae	Sout Nikum	83	Toung Yeun
170405	Kouk Thlok Kraom	Chikrek	111	Kong Vun
170403	Kampong Kdei	Chikrek	111	Kong Vun
171104	Kampong Khleang	Sout Nikum	127	Te Hong Cheng
170107	Ta Saom	Angkor Chum	139	Doung Narin
170101	Char Chhuk	Angkor Chum	139	Doung Narin
170203	Peak Snaeng	Angkor Thom	145	Souching Electronic
170204	Svay Chek	Angkor Thom	145	Souching Electronic
170202	Leang Dai	Angkor Thom	145	Souching Electronic
170301	Khmar Sanday	Banteay Srey	145	Souching Electronic
170306	Tbaeng	Banteay Srey	145	Souching Electronic
170304	Rumchek	Banteay Srey	145	Souching Electronic
170303	Preak Dak	Banteay Srey	145	Souching Electronic
170305	Run Ta Aek	Banteay Srey	145	Souching Electronic
170702	Doun Kaev	Pouk	145	Souching Electronic

Electricity Authority of Cambodia

170710	Puok	Pouk	145	Souching Electronic
170705	Khnat	Pouk	145	Souching Electronic
170714	Tuek Vil	Pouk	145	Souching Electronic
170713	Samraong Yea	Pouk	145	Souching Electronic
170903	Ballangk	Prasat Bakong	145	Souching Electronic
170901	Ampil	Prasat Bakong	145	Souching Electronic
170902	Bakong	Prasat Bakong	145	Souching Electronic
170906	Kandaek	Prasat Bakong	145	Souching Electronic
170908	Roluos	Prasat Bakong	145	Souching Electronic
170907	Mean Chey	Prasat Bakong	145	Souching Electronic
171005	Nokor Thum	Siemreap	145	Souching Electronic
170610	Ta an	Kralanh	164	Teuk Sina
170602	Kampong Thkov	Kralanh	164	Teuk Sina
170603	Kralanh	Kralanh	164	Teuk Sina
Sihanoukville				
180101	Sangkat Muoy	Mitapheap	1	EDC
180103	Sangkat Bei	Mitapheap	1	EDC
180102	Sangkat Pir	Mitapheap	1	EDC
180104	Sangkat Buon	Mitapheap	1	EDC
180204	Cheung Kou	Preynob	29	Sok Thy
180210	Samrong	Preynob	29	Sok Thy
180214	Veal Renh	Preynob	29	Sok Thy
180303	Tumnob Rolok	Steung Hov	30	Ly Bunthy
180301	Kampenh	Steung Hov	30	Ly Bunthy
180302	Ou Treh	Steung Hov	30	Ly Bunthy
180212	Tuek Thla	Preynob	42	Kong Sopal
180203	Bet Trang	Preynob	98	Kun Sivanny
180208	Ream	Preynob	98	Kun Sivanny
Stueng Traeng				
190402	Sarh Ruessei	Steung Treng	1	EDC
190403	Preah Bat	Steung Treng	1	EDC
190401	Stueng Traeng	Steung Treng	1	EDC

Electricity Authority of Cambodia

Svay Rieng				
200102	Bavet	Chantrear	1	EDC
200210	Svay Toea	Kampong Ror	1	EDC
200204	Preah Ponlea	Kampong Ror	1	EDC
200205	Prey Thum	Kampong Ror	1	EDC
200202	Nhor	Kampong Ror	1	EDC
200203	Ksetr	Kampong Ror	1	EDC
200206	Reach Montir	Kampong Ror	1	EDC
200211	Thmei	Kampong Ror	1	EDC
200506	Chek	Svay Chrum	1	EDC
200504	Chamlang	Svay Chrum	1	EDC
200602	Prey Chhlak	Svay Rieng	1	EDC
200604	Pou Ta Hao	Svay Rieng	1	EDC
200601	Svay Rieng	Svay Rieng	1	EDC
200603	Koy Trabaek	Svay Rieng	1	EDC
200708	Romeang Thkaol	Svay Teab	1	EDC
200710	Sangkhoar	Svay Teab	1	EDC
200709	Sambuor	Svay Teab	1	EDC
200703	Kandieng Reay	Svay Teab	1	EDC
200707	Prasout	Svay Teab	1	EDC
Takeo				
210802	Roka Knong	Doun Keo	1	EDC
210801	Baray	Doun Keo	1	EDC
210803	Roka Krau	Doun Keo	1	EDC
210908	Otdam Souriya	Tramkok	1	EDC
210904	Leay Bour	Tramkok	1	EDC
210912	Ta Phem	Tramkok	1	EDC
210901	Angk Ta Saom	Tramkok	1	EDC
210911	Srae Ronoung	Tramkok	1	EDC
210402	Preah Bat Choan Chum	Kirivong	13	Mak Thorn
210408	Prey Ampok	Kirivong	13	Mak Thorn
210405	Kiri Chong Kaoh	Kirivong	13	Mak Thorn
210407	Phnum Den	Kirivong	13	Mak Thorn

Electricity Authority of Cambodia

210411	Saom	Kirivong	13	Mak Thorn
210204	Kandoeng	Bati	15	Srey Sokhom
210215	Trapeang Sab	Bati	15	Srey Sokhom
211011	Smaong	Traing	16	Ke Kuyhuoy
210610	Prey Lvea	Prey Kabas	20	Chhour Lay
210305	Kouk Pou	Borey Chulasa	22	Kong Phat
210303	Doung Khpos	Borey Chulasa	22	Kong Phat
210301	Bourei Cholsar	Borey Chulasa	22	Kong Phat
210607	Kdanh	Prey Kabas	54	Ouch Por
210613	Tang Yab	Prey Kabas	54	Ouch Por
210611	Prey Phdau	Prey Kabas	54	Ouch Por
210603	Champa	Prey Kabas	54	Ouch Por
211007	Prey Sloek	Traing	55	Park Hean
210212	Tang Doung	Bati	64	Chhin Seng
210211	Souphi	Bati	64	Chhin Seng
210705	Khvav	Samrong	84	Mok Chen
210701	Boeng Tranh Khang Cheung	Samrong	101	Chhin Song
210702	Boeng Tranh Khang Tbound	Samrong	101	Chhin Song
210102	Ba Srae	Angkor Borey	113	Nou Krui
210101	Angkor Borei	Angkor Borey	113	Nou Krui
210214	Trapeang Krasang	Bati	118	Sok Kheng
210201	Chambak	Bati	118	Sok Kheng
210913	Tram Kak	Tramkok	121	Kaing Gech Seam
210409	Prey Rumdeng	Kirivong	133	Hak Ly Seng
210505	Romenh	Koh Andet	134	Try Khlaik
210707	Rovieng	Samrong	141	Chaing Kun
210704	Chumreah Pen	Samrong	141	Chaing Kun
Oddor Meanchey				
220403	Kriel	Samrong	14	Duty Free Shop
220401	Bansay Reak	Samrong	14	Duty Free Shop
220404	Samraong	Samrong	14	Duty Free Shop
220506	Tranpaing Prasat	Trapaing Prasat	163	Phom Phal
Kep				

Electricity Authority of Cambodia

230101	Angkaol	Damnak Chang Eur	180	Keb Power Sup
230102	Okrasa	Damnak Chang Eur	180	Keb Power Sup
230103	Pong Teuk	Damnak Chang Eur	180	Keb Power Sup
230201	Kep	Keb	180	Keb Power Sup
230202	Chrey Thom	Keb	180	Keb Power Sup
Pailin				
240104	Bar Yakha	Pailin	9	MSP
240204	Ou Andoung	Salakrav	9	MSP
240201	Sala Krau	Salakrav	9	MSP
240203	Stueng Kach	Salakrav	9	MSP
240103	Tuol Lvea	Pailin	89	Vannak Peap Company
240101	Sankat Pai Lin	Pailin	89	Vannak Peap Company
240102	Ou Ta Vau	Pailin	89	Vannak Peap Company