

Electricité Du Cambodge
Department of Rural Electrification Fund

Report
on
Transferring the Benefits Resulting
from the Development of Electricity to the
Population in Rural Area
for the Year 2016

Compiled by Department of the Rural Electrification Fund
2017

Preface

This report on Transferring the Benefits Resulting from the Development of Electricity to the Population in Rural Area of the Department of Rural Electrification Fund of Electricité Du Cambodge (herein after called “REF”) for the Year 2016 is compiled from the data and information related to Strategy and Plan for Development of Rural Electrification, Policy on Renewable Energy of the Royal Government of Cambodia (RGC), mission, activities, and the achievements on Transferring the Benefits Resulting from the Development of Electricity to the Population in Rural Area of REF. This report is for dissemination to the RGC, donors, investors and public desirous to know about the activities of the REF in Transferring the Benefits Resulting from the Development of Electricity to the Population in Rural Area in the Kingdom of Cambodia.

This report is compiled, in Khmer and English.

REF plans to publish the report annually on its achievements so that the data and relevant information on activities of REF is updated regularly to reflect the actual situation. Any comments or suggestions from the RGC, donors, investors or public are welcome and will be considered by REF to publish more useful reports in future.

REF expects that this report will be a valuable document for the information on activities of REF.

**Royal Government of Cambodia Delegate
in Charge of Managing Electricité du Cambodge**



KEO ROTTANAK

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Chapter 1

Strategy and Plan for Development of Rural Electrification and Policy on Renewable Energy of the Royal Government of Cambodia

1.1 Strategy and Plan for Development of Rural Electrification

RGC, in its pursuit to reduce poverty, improve the standard of living and foster economic development of the rural areas, takes cognizance of the need to meet the basic infrastructure requirements of its marginalized rural people. Creating access to reliable electricity services at an affordable cost in rural areas is thus an integral part of the governmental agenda of economic development and social uplift.

To implement the above agenda, RGC through the Ministry of Mines and Energy (MME), which is the expertise ministry, has set a two-step target in rural electrification:

- (i) by the year 2020, all the villages of the Kingdom of Cambodia will have electricity of some type; and
- (ii) by the year 2030, at least 70% of households will have access to grid-quality electricity.

The main stages of the development on power sector in the Kingdom of Cambodia consists of 4 main aspects as follow:

- i. Have enough sources for supplying electricity to meet the demand in a sustainable and secure manner.
- ii. To allow consumer to have easy access to electricity, the network has to cover all areas having demand of electricity throughout the country.
- iii. To have enough capacity to supply electricity with sustainability and security.
- iv. The tariff should be reasonable, affordable and promote investment and development of national economy.

Based on the 4 main aspects stated above, the Ministry of Mines and Energy has set the target of the development of energy sector on the Kingdom of Cambodia as follows:

- Target 1:** From 2015, the National Grid will have enough electricity sources to be able to supply to all electricity demand connected to the National Grid, and in 2018 the National Grid will have a reserve capacity of 25%.
- Target 2:** In 2020, High Voltage (HV) grid system will cover all Provinces/Cities and all provinces and cities will have at least one substation for receiving the electricity supply from the National Grid.
- Target 3:** By the year 2020, 80% of villages will receive electricity supply from the National Grid. Whereas the remaining 20% of villages will access the electricity supply from different sources such as import from neighboring countries or isolated system. By the year 2030, 95% of all villages throughout the Kingdom of Cambodia will receive electricity supply from the National Grid and the remaining 5% will receive electricity supply from the isolated system with grid-quality electricity.
- Target 4:** By the year 2020, at least 50% of all households throughout the Kingdom of Cambodia will have access to grid-quality electricity and by the year 2030, at least 70% of all households throughout the Kingdom of Cambodia will have

access to electricity having quality similar to electricity from the National Grid.

Target 5: By the year 2020, reduce the gap of electricity tariff in the rural areas and cities getting electricity from the National Grid so that the gap will not be over 15%.

In the above perspective, the vision of the Ministry of Mines and Energy in energy sector is “**to achieve enough electricity supply of proper quality to be able to meet the demand in a sustainable, stable manner and at a reasonable prices throughout the Kingdom of Cambodia**”.

The strategy outlined to achieve the above target consists of (i) - Electricité du Cambodge (EDC) to undertake expansion of the High Voltage (HV) grid system to more provinces and Medium Voltage (MV) supply into rural areas, (ii) - the expansion of the area of supply of the licensees supplying in rural areas, and (iii) - the private investors in power sector to provide power supply to new areas.

1.2 Policy on Renewable Energy

The RGC has issued six policy statements embracing the rural electrification by renewable energy sources as follows¹:

1. Striving to provide reliable electricity service that is safe and resulted in minimum negative impacts on the environment at a cost acceptable to the rural communities.
2. Offering legal framework, effective directions, a variety of encouragement, and fostering private sector participation to supply electricity services by using renewable energy to the rural communities.
3. Acting as facilitator in the market by using a variety of encouragement apparatus conducive to electricity service that is equitable, reliable, and safe, with minimum negative impacts on the environment at an affordable price to the rural communities.
4. Fostering the generation, transmission, and distribution of electricity with renewable energy technologies by setting electricity rates that are in accordance to the principle of Cambodia's electricity law.
5. Promoting the electricity system that uses the cheapest renewable energy system for the rural communities; research, trial and error, and developing model are ones of the Government's duties related to grid extension and off grid extension.
6. Guarantying to provide sufficient fund, appropriate mechanism, and various training to allow participation in the rural electrification effort by financially disadvantage people.

¹ Policy on Rural Electrification by Renewable Energy, January 2007.

Chapter 2

Information on Rural Electrification Fund

2.1 Establishment of REF

REF was first established by the Royal Decree No. NS/RKT/1204/048 on 4th December 2004 to accelerate the development of rural electrification. In the initial year, REF utilized the funds provided by the World Bank under the Rural Electrification and Transmission Project (RETP) and RGC's counterpart fund. After RETP was closed on 31st January 2012 and funds were not made available to meet the operation expenses of REF. On 22nd August 2012, a new Royal Decree No. NS/RKT/0812/734 has amended some articles of the old Royal Decree on formation of REF, to integrate REF with Electricité du Cambodge (EDC) so that REF can continue to perform its works independently with Cambodian funding, grant and donations from external funding to assist in development of rural electrification in Cambodia. In accordance with this new Royal Decree, EDC has established a new department² known as **“Department of Rural Electrification Fund (REF)”**.

This is a big step of the RGC to attract and encourage the private sector to invest in electric power infrastructure in rural areas in order to accelerate the development of electricity in rural areas so that more poor people in the rural areas can access electricity for lighting, commercial use, handicraft and other purposes for improving their standard of living and for the general interest of the society.

2.2 Organization Structure

REF operates in accordance with the Statute of EDC and functions as a non-profit organization and has separate account.

2.3 Library

REF has also its own library for public who wishes to understand about REF's activities, report and the development of rural electrification in the Kingdom of Cambodia.



² Decision No. 0898 dated September 12, 2012 on the integration of REF institution in the management structure and organization of EDC.

2.4 Address

REF's office is located at Building # 205, National road No. 5, Sangkat Kilometer No. 6, Khan Russeykeo, Phnom Penh, Cambodia. REF's website is www.ref.gov.kh.





2.5 The Sources of Fund

The sources of fund for REF³ are as follows:

1. Social budget package provided in electricity tariff of EDC and other donations of EDC, if any.
2. Donations and grants whose sources and terms are acceptable to the Ministry of Mines and Energy (MME) and the Ministry of Economy and Finance (MEF).
3. Other sources from RGC.

2.6 REF's Funding and the Use of Fund

In 2016, REF's funding is from EDC and Kreditanstalt für Wiederaufbau (KfW). During this year, EDC has provided a fund of \$40 million and KfW has provided a fund of \$2.6 million, totaling \$42.6 million, for extending the benefits of electrification to the population in rural area. The fund provided by EDC is also for operation of REF.

³ Royal Decree No. NS/RKT/0812/734 dated August 22, 2012 on amendment of Article 2, Article 5, and Article 7 of the Royal Decree No. NS/RKT/1204/048 dated December 4, 2004 on the Establishment of REF, and Article 4 new of the Royal Decree No. NS/RKT/0108/064 dated January 28, 2008 on Revision of Article 4 of the Royal Decree No. NS/RKT/1204/048 dated December 4, 2004 on the Establishment of REF.

REF used the fund for the implementation of the following programs:

1. Program for Power to the Poor (P2P),
2. Program for Solar Home System (SHS),
3. Program for Providing Assistance to Improve Existing and Develop Electricity Infrastructure in Rural Areas,
4. Program for providing subsidy, under the framework of Strategic Planning for Reduction the Rate and Gap of the tariff for sale of the electricity in the Kingdom of Cambodia for the year 2015 to 2020 in provinces and cities, to the licensees connected to the grid system for reduction of tariff for sale of electricity in rural areas. and
5. Program for providing electricity for pumping for agricultural irrigation uses.

Chapter 3

Information on Objectives, Mission and Program for Transferring the Benefits Resulting from the Development of Electricity to the Population in Rural Area of REF

3.1 Objectives

The objectives of REF are as follows⁴:

1. To promote 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.
2. To promote and encourage private sector to participate in providing sustainable rural electrification services; in particular the exploitation of and economic application of technically and commercially well proven new and renewable energy technologies.

3.2 Missions

REF has the following missions:

1. Promoting equitable rural electrification coverage by facilitating the population's access to electricity at affordable price for economic, social and household uses.
2. Providing support for the preparation and implementation of rural electrification projects.
3. Promoting and facilitating the poor households in rural areas to have access to electricity for their houses from grid supply by providing interest free loan.
4. Promoting and facilitating the remote rural household, which may not have access to the electricity network for a long period, access electricity through Solar Home System.
5. Promoting and facilitating the private electricity supplier in rural areas having legal license to access fund for investing on expansion of electricity supply infrastructure to fully cover its authorized distribution area in order to allow all rural households have access to electricity for use.
6. Providing subsidy, under the framework of Strategic Planning for Reduction the Rate and Gap of the tariff for sale of the electricity in the Kingdom of Cambodia for the year 2015 to 2020 in provinces and cities, to the licensees connected to the grid system for reduction of tariff for sale of electricity in rural areas.
7. Promoting and facilitating to access electricity from the grid system for agricultural irrigation uses at concessional tariff rate for use during night time from 9:00 p.m. to 7:00 a.m and normal rate for use during day time from 7:00 a.m. to 9:00 p.m.
8. Promoting the use of well proven, technically and commercially viable new and renewable energy technologies.

REF will use its resources to achieve the above missions depending on the conditions for which fund are made available by different sources.

⁴ Provision 3 of the Royal Decree No. NS/RKT/1204/048 dated 4 December 2004 on the establishment of REF.

3.3 Program for Transferring the Benefits Resulting from the Development of Electricity to the Population in Rural Area

In 2016, REF is implementing the following programs:

3.3.1 Power to the Poor (P2P) Program

The purpose of this program is to facilitate the poor households in rural areas to have access to electricity for their houses from grid supply by providing interest free loan to meet (i)- costs for the connection fees of the electricity supplier, (ii)- costs for deposit to be deposited with the electricity supplier, (iii)- costs for purchase of materials and labor for the installation of wires from the connection point to its house, and (iv)- costs for purchase of materials and labor for the installation of in-house wiring.

3.3.2 Solar Home System (SHS) Program

The purpose of this program is to facilitate the remote rural household, which may not have access to the electricity network for a long period, access electricity through SHS.

3.3.3 Program for Providing Assistance to Improve Existing and Develop Electricity Infrastructure in Rural Areas

The purpose of this program is to facilitate the private electricity licensee in rural areas having legal license to access fund for investing on construction of electricity supply infrastructure to fully cover its authorized distribution area in order to allow all rural households have access to electricity for use.

3.3.4 Program for providing subsidy, under the framework of Strategic Planning for Reduction the Rate and Gap of the tariff for sale of the electricity in the Kingdom of Cambodia for the year 2015 to 2020 in provinces and cities, to the licensees connected to the grid system for reduction of tariff for sale of electricity in rural areas

The purpose of this program is to provide subsidy, under the framework of Strategic Planning for Reduction the Rate and Gap of the tariff for sale of the electricity in the Kingdom of Cambodia for the year 2015 to 2020 in provinces and cities, to the licensees connected to the grid system for reduction of tariff for sale of electricity in rural areas.

3.3.5 Program for Providing Electricity for Pumping for Agricultural Irrigation Uses

The purpose of this program is to facilitating to access electricity from the grid system for agricultural irrigation uses at concessional tariff rate for use during night time from 9:00 p.m. to 7:00 a.m and normal rate for use during day time from 7:00 a.m. to 9:00 p.m.

3.4 Criterion for Implementation of Each Program

3.4.1 Criterion for P2P Program

Criterion for Rural Electricity Enterprises (REEs) and rural HH are as follows:

A. Criterion for REEs

Criterion for REEs are as follows:

- Having license for providing electric power from Electricity Authority of Cambodia (EAC) and license term is at least 5 years.
- Operating in rural area which get grid supply.
- Maintaining correct accounting statement to show the viability of their operation.
- Responsible to collect back the payment in installments from the rural household (HH) and transfer to REF's account on time.
- Responsible to any losses caused by non-payment by rural HH except if REF agrees to eliminate the debt.
- Agree to execute contract: (i) - Contract for Soft Loan from REF for Connection of Electricity Supply, (ii) - Contract between REF and REE for utilizing soft loan under P2P Program, (iii) - Principles for implementation of P2P Program by providing soft loan to poor households in rural areas for connection of electricity supply, and other concerning documents under P2P Program.

B. Criterion for rural Household (HH)

Criterion for rural HH are as follows:

- Rural HH not yet connected to the supply system.
- Living in the existing electrified rural areas.
- Have a stable house for safety of electrification.
- Agree to payback in monthly installment within maximum period of 36 months.
- The Amount of this loan shall not exceed 480,000 Riels per household.
- Agree to execute contract: (i) - Contract for Soft Loan from REF for Connection of Electricity Supply, (ii) - Principles for implementation of P2P Program by providing soft loan to poor households in rural areas for connection of electricity supply, and other concerning documents under P2P Program.

3.4.2 Criterion for SHS Program

Criterion for SHS are as follows:

A. For SHS-50Wp materials are for sale to and installation at remote rural households

- The remote rural area, which may not have access to the electricity network for a long period and the area which may not have access to the electricity network for at least 5 years.
- Sale and installation at rural households and pagoda in rural area throughout the Kingdom of Cambodia. One HH and one pagoda are eligible for one SHS.
- Provide a subsidy of \$100 per SHS to rural households, as assistance to reduce the cost of the SHS and the cost of installation.
- The purchaser agrees to repay the remaining cost without interest of the SHS (remaining cost is the cost after deducting the subsidy of \$100 per SHS)

in installments to REF within the period of 48 months. The pagoda agrees to pay the full remaining cost after deducting the subsidy at the time of installation. After the purchaser has paid the remaining cost in full, the SHS will become the property of the purchaser.

- The household can choose, the pay back of the remaining cost by any one of the 3 options: option (i) - payoff the remaining cost at the time of installation or option (ii) - payment of half-yearly installments in the beginning of each half-year within a period of 4 years or option (iii) - every two months instalments within a period of 4 years.
- No down payment. The first installment is to be paid on the date of commissioning of the SHS. Subsequent installments of payment are to be paid until the amount is paid back in full. Payments are to be made to the seller or its authorized representative.
- No interest is chargeable for payment in installments.
- The transportation, installation, collection of repayment and maintenance of the SHS is through a local private firm.
- The fees for transportation, installation, collection of repayment and maintenance of the SHS are born by REF.
- The purchaser shall agree to execute the contract and other legal documents with REF.

B. For SHS-5Wp materials are for donation to rural HHs at remote areas.

3.4.3 Criterion for Program for Providing Assistance to Improve Existing and Develop Electricity Infrastructure in Rural Areas

The criterion for implementation of this program is formulated for three different types of area considering the density of population as follows:

Area No. 1: Area with high density of population having economic efficiency

REF will provide the guarantee on loan borrowed by the licensee in rural areas from the local banks for investment on development of electricity infrastructure in rural areas to fully cover its authorized distribution area.

Criterion for area No. 1 is as follows:

1. The licensee shall have valid license for providing electricity service issued by Electricity Authority of Cambodia (EAC) and the term of the license shall be for at least 5 years from the date of application for loan.
2. The licensee shall have proper accounting record of its electricity business.
3. This loan will be only for investment in electricity supply infrastructure in rural areas connected from the grid or supplying power through isolated system.
4. The licensee can use this loan for investment on Medium Voltage (MV) and Low Voltage (LV) electricity supply infrastructure in its authorized licensed area, both for the development of new electricity infrastructure and for improving the existing electricity infrastructure in its authorized licensed area.
5. The licensee shall agree to execute a contract and other legal documents with EDC for the guarantee on the loan from bank and with bank for getting the loan.

6. The licensee shall obtain no-objection from EAC on the conditions of transfer of license to EDC in case the borrower fails to pay back on time as agreed with the bank, in the guarantee contract for loan which the licensee shall execute with EDC.
7. Source of funds for this implementation is from local banks.

Area No. 2: Area with medium density of population, where doing electricity business may not be profitable if the licensee has to pay interest on the investment capital

REF will provide interest free assistance for investment on electricity infrastructure in rural areas with medium density of population.

Criterion for area No. 2 is as follows:

1. The licensee shall have valid license for providing electricity service issued by EAC and the term of the license shall be for at least 5 years from the date of application for loan.
2. The licensee shall have proper accounting record of its electricity business.
3. This budget is for investment on construction of electricity infrastructure in rural areas connected from the grid only.
4. The licensee can use this loan for investment on MV and LV electricity supply infrastructure in its authorized licensed area, both for the development of new electricity infrastructure and for improving the existing electricity infrastructure in its authorized licensed area.
5. The licensee applies for interest free assistance from REF with (i) - a detailed of the project development plan, (ii) - an estimated cost of electricity materials for the project development, (iii) - the copies of the license with all revisions, (iv) - an accounting record of its electricity business, costing of existing infrastructures, (v) - the letter address to EAC seeking no-objection of EAC to transfer the licensed business to EDC in case of failure to repay the installment as provided in the contract between REF and licensee, and (vi) - any other documents required by REF to examine the proposal.
6. REF examines the application in consultation with EAC and sanctions the appropriate amount of interest free assistance to be provided in installment and sign contract for disbursement and repayment. The amount of interest free assistance shall not exceed \$300,000 (three hundred thousand). The licensee is required to contribute at least 20% of the project costs. REF shall obtain no-objection from EAC on the conditions of transfer of license to EDC in case the borrower fails to pay back on time as agreed with REF, in the contract for interest free assistance.
7. The licensee applies to REF for disbursement of interest free assistance along with progress report. REF verifies the progress and makes disbursements in installment depending on the work progress. REF will acknowledge the repayment of the full amount of the interest free assistance when the full amount of interest free assistance is repaid back in installment by the licensee.
8. The interest free assistance provided under this scheme will be interest free.
9. The amount of the interest free assistance will not exceed \$300,000 per project. The licensee may request for other new project for consideration of REF when required.

10. In the case of existing licensee, the amount of the interest free assistance will not exceed 50% of the cost of the existing electricity infrastructure of the licensee as assessed by EAC. In the case of new licensee, the amount of the interest free assistance will not exceed 60% of the cost of the proposed electricity infrastructure of the licensee as assessed by EAC.
11. The repayment period shall not exceed 8 years or the validity of license on the date of application for assistance whichever is earlier.
12. The licensee shall agree to execute the contract and other legal documents with REF.
13. Source of funds is from EDC and KfW.

Area No. 3: Area with low density of population, where doing electricity business is not viable unless part of the infrastructure cost is provided as grant

REF will provide part of the infrastructure cost as grant and part of the cost as interest free assistance for investment on electricity infrastructure in rural areas. The total amount, both grant and interest free assistance, hereafter is called “budget assistance”.

Criterion for area No. 3 is as follows:

1. The licensee shall have valid license for providing electricity service issued by EAC and the term of the license shall be for at least 5 years from the date of application for loan.
2. The licensee shall have proper accounting record of its electricity business.
3. This budget assistance is for investment on construction of electricity infrastructure in rural areas connected from the grid only and which is evaluated by REF as area eligible for grant.
4. The licensee can use this budget assistance for investment on MV and LV electricity supply infrastructure in its authorized licensed area.
5. The licensee applies for interest free assistance from REF with (i)- a detailed of the project development plan, (ii)- an estimated cost of electricity materials for the project development, (iii)- the copies of the license with all revisions, (iv)- an accounting record of its electricity business, costing of existing infrastructures, (v)- the letter address to EAC seeking no-objection of EAC to transfer the licensed business to EDC in case of failure to repay the installment as provided in the contract between REF and licensee, and (vi)- any other documents required by REF to examine the proposal.
6. REF examines the application in consultation with EAC and sanctions the appropriate amount of the budget assistance to be provided in installment and sign contract for disbursement and repayment. The amount of interest free assistance shall not exceed USD 300,000 (three hundred thousand). The licensee is required to contribute at least 20% of the project costs. REF shall obtain no-objection from EAC on the conditions of transfer of license to EDC in case the borrower fails to pay back on time as agreed with REF, in the contract for budget assistance.
7. The licensee applies to REF for disbursement of budget assistance along with progress report. REF verifies the work progress and makes disbursements in installment depending on the work progress. REF will acknowledge the repayment of the full amount of the interest free assistance when the full amount of interest free assistance is repaid back by the

licensee. The amount, provided as grant in this budget assistance by REF, is not required to be paid back.

8. The interest free assistance provided under this scheme will be interest free.
9. The amount of budget assistance will not exceed USD 300,000 per project. The licensee may request for other new project for consideration of REF when required.
10. In the case of existing licensee, the amount of the grant will not exceed 30% of the cost of the project and the amount of the interest free assistance will not exceed 50% of the cost of the existing electricity infrastructure of the licensee as assessed by EAC. In the case of new licensee, the amount of the grant will not exceed 30% of the price of the project and the amount of the interest free assistance will not exceed 50% of the cost of the proposed electricity infrastructure of the licensee as assessed by EAC.
11. The repayment period shall not exceed 8 years or the validity of license on the date of application for assistance whichever is earlier.
12. The licensee shall agree to execute the contract and other legal documents with REF.
13. Source of funds is from EDC and KfW.

3.4.4 Criterion for program for providing subsidy, under the framework of Strategic Planning for Reduction the Rate and Gap of the tariff for sale of the electricity in the Kingdom of Cambodia for the year 2015 to 2020 in provinces and cities, to the licensees connected to the grid system for reduction of tariff for sale of electricity in rural areas

The program is applicable for grid supply only so that the criterion is as per decision of EAC⁵ from time to time.

3.4.5 Criterion for program for Providing Electricity for Pumping for Agricultural Irrigation Uses

The program is applicable for grid supply only so that the criterion is as per decision and the Procedure for Providing Electricity for Pumping for Agricultural Irrigation Uses⁶ of EDC and EAC from time to time.

⁵ Decesion between EDC and EAC (No. 011.16EAC dated February 26, 2016) on the determination of Procedure for Providing Subsidy for Reduction in Rate and Gap of the Tariff for sale of the electricity.

⁶ Procedure for Providing Electricity for Pumping for Agricultural Irrigation Uses in 2016.

Chapter 4

Information on the Progress, Achievements and Analysis of Each Program Implemented by REF

Information on the progress, achievements and analysis of each program implemented by REF in 2016 are as follow:

4.1 Program for Power to the Poor (P2P)

4.1.1 Progress, Achievement and Analysis of P2P Program

In 2016, 5 contracts with 5 licensees for providing new connections in rural areas under P2P program have been executed by REF are funded by KfW. The total target number of connections under these 5 contracts is 1,663 rural households (HH) and the achievement during 2016 is 1,065 HH.

Provincewise summary information on execution of contracts funded by EDC and KfW under P2P Program in 2016 is given in **Annex 1**.

Out of the 5 contracts, for some contracts 100% target was achieved within the contract period, whereas for some contracts part target was achieved within the contract period and such contracts have been terminated on the expiration of the contracts period. Provincewise summary information on contracted target number of rural households to be connected to supply system, number of rural household connected to supply system and target number of new connections, funded by EDC and KfW under P2P Program in 2016 is given in **Table 1** below.

Table 1: Provincewise summary information on contracted target number of rural households to be connected to supply system, number of rural household connected to supply system and target number of new connections, funded by EDC and KfW under P2P Program in 2016

No.	Province	Contracted target number of rural HH to be connected to supply system, (HH)		Number of rural HH connected to supply system, (HH)	
		funded by EDC	funded by KfW	funded by EDC	funded by KfW
1	Battambang	-	361	-	361
2	Prey Veng	-	620	-	620
3	Pursat	-	162	-	84
4	Svay Rieng	-	520	-	-
	Total	-	1,663	-	1,065

Provincewise summary information on contracted target number of rural households to be connected to supply system, number of rural household connected to supply system and present position funded by EDC and KfW under P2P Program in 2016 is given in **Annex 2**.

In 2016, 1,065 rural consumers have got direct benefit of this program. According to Cambodia Inter-Censal Population Survey 2013 Final Report, the average household size in rural area is 4.6 persons. Hence the number of population directly benefited from this program is 4,899 persons.

P2P program has provided the much needed impetus to rural HH in getting electricity for use in the rural HHs.

The challenges in implementation of P2P program are migration of borrowers abandoning the HH connected to electricity and non payment by the borrowers resulting in the unwillingness of the licensee to payback.

Provincewise total number of villages and villages in which P2P program was implemented funded by EDC and KfW under P2P Program in 2016 is given in **Table 2** below.

Table 2: Provincewise total number of villages and villages in which P2P program was implemented funded by EDC and KfW under P2P Program in 2016

No.	Province	Total number of villages (Census)	Number of villages in which P2P program was implemented	
			funded by EDC	funded by KfW
1	Battambang	799	-	10
2	Prey Veng	1,137	-	28
3	Pursat	501	-	16
4	Svay Rieng	690	-	-
Total		3,127	-	54

List of villages covered, under funding by EDC and KfW, by P2P Program in 2016 is given in **Annex 3**.

Map showing the provinces in which P2P Program under funding by EDC and KfW, is implemented in 2016 is given in **Annex 4**.

4.1.2 Site Inspection Activities on Implementation of P2P Program

To ensure that the implementation of P2P program is implemented in a transparent and proper manner, REF staff verified the new connection to rural consumers under P2P program for all licensees who implemented this program. Some physical activities of new connection verification are shown pictorially below.

Mr. Lonh Sovan license No. 330L for providing electricity service at some parts of Chen Meanchey, Banan District, Battambang Province





4.2 Program for Solar Home System (SHS)

Two types of SHS, (i)- SHS-50Wp and (ii)- SHS-5Wp, has been implemented in 2016. For SHS-50Wp materials are for sale to and installation at remote rural households. Whereas, SHS-5Wp materials are for donation to rural HHs at remote areas.

4.2.1 Program for 10,500 SHS-50Wp and 2,000 SHS-5Wp, totaling 12,500 SHS (Program for implementation in 2015)

Program for 10,500 SHS-50Wp and 2,000 SHS-5Wp, totaling 12,500 SHS was initially planned to be implemented in 2015, but due to delay in the procurement process, installation of SHS under this program was carried out in 2016.

To facilitate the purchasers and ensure that the SHS installed at rural HHs, operates well and to collect the payback amount in instalments from the purchasers, EDC has executed a contract with B.N.P. Power Green (Cambodia) for providing services of transportation, installation, and maintenance of 10,500 SHS-50Wp including collection of payback in installment and transportation and installation of 2,000 SHS-5Wp.

Provincewise information on 12,500 SHS installed to rural HHs in 2016 is given in **Table 3** below.

Table 3: Provincewise information on 12,500 SHS installed to rural HHs in 2016

No.	Province	Number of SHS installed
SHS-50Wp		
1	Kampong Chhnang	2,026
2	Kampong Thom	2,107
3	Pursat	1,222
4	Siem Reap	5,145
Total SHS-50Wp		<u>10,500</u>
SHS-5Wp		
1	Pursat	1,000
2	Otdar Meanchey	1,000
Total SHS-5Wp		<u>2,000</u>
Grand Total		<u>12,500</u>

12,500 rural HHs are directly benefited by this program (one SHS per HH). According to Cambodia Inter-Censal Population Survey 2013 Final Report, the average household size in rural

area is 4.6 persons. Hence the number of population directly benefited from this program is 57,500 persons.

Provincewise total number of villages and villages were the 12,500 SHS were installed in 2016 is given in **Table 4** below.

Table 4: Provincewise total number of villages and villages were the 12,500 SHS were installed in 2016

No.	Province	Total number of villages (Census)	Number of villages access electricity through SHS
1	Kampong Chhnang	562	76
2	Kampong Thom	737	50
3	Pursat	501	49
4	Siem Reap	923	111
Total			286

List of villages in which 12,500 SHS have been installed in 2016 is given in **Annex 5**.

Map showing the provinces in which 12,500 SHS have been installed in 2016 is given in **Annex 6**.

Some photos of rural households with 12,500 SHS installation and Dissemination in 2016



4.2.2 Program for 12,500 SHS-50Wp and 7,800 SHS-5Wp, totaling 20,300 SHS (Program for implementation in 2016)

In 2016, EDC has executed a contract with Schneitec Co., Ltd, the successful firm in international competitive bidding, for supply of 8,600 SHS-50Wp and 1,447 SHS-5Wp, totaling

10,047 SHS (funded by EDC) and these SHS are delivered in 2016. In 2016, EDC has executed an other contract with Richgrid Technology Co., Ltd, the successful firm in international competitive bidding, for supply of 3,900 SHS-50Wp and 6,353 SHS-5Wp, totaling 10,253 SHS, (funded by KfW) and these 10,253 SHS are expected to be received in early 2017.

To facilitate the rural HHs and ensure installation, smooth operation of the SHS and to collect the payback amount in instalments from the rural HHs, EDC has executed a contract with B.N.P. Power Green (Cambodia) Co., Ltd, the successful firm in local competitive bidding, for providing services of transportation, installation, collection of payback in installment and maintenance of 12,500 SHS-50Wp and transportation and installation of 7,800 SHS-5Wp, totaling 20,300 SHS.

4.2.3 The challenges Faced in the Implementation of SHS Program

The challenges faced in the implementation of SHS program are as follows:

- Purchaser requests to delay the payment due to not having money to repay.
- Purchaser can afford payment but unwilling to pay on the ground that another purchaser has not paid.
- Purchaser mishandles the SHS resulting in improper operation of the SHS and avoid payment on the ground that SHS is not operating.
- Purchaser migrates leaving behind very old or/and young person to look after the house who has no money for payment.
- Purchaser removes SHS unauthorizedly and take it to new in accessible place like farm, forest and mountain hence cannot be contacted to get payment.
- Purchaser go to the rice field by locking the house and theif steal the system (some agree to pay and some disagree to pay the remaining cost of the system),
- Purchaser leave the house when the Operator arrives or on the way to collect the money.
- Purchaser take some excuse to delay the payment to another day.
- The SHS is damaged by fires or lightning etc. and the purchaser refuses to pay the balance instalments.

To resolve the challenges, REF has gone to the site for resolution through friendly mutual discussion basis.

Pictures of activities in resolution with the SHS purchaser, who have not paid back in Pursat Province



In spite of the above challenges, the implementation of this program can be considered satisfactory.

4.3 Program for Providing Assistance to Improve Existing and Develop Electricity Infrastructure in Rural Areas

4.3.1 Progress, Achievement and Analysis of Program for Providing Assistance to Improve Existing and Develop Electricity Infrastructure in Rural Areas

In 2016, REF has executed 112 contracts for providing assistance to improve existing and develop electricity infrastructure in rural areas with 90 licensees (some licensees have executed more than one contract). Out of these, 96 contracts with 75 licensees are funded by EDC and 16 contracts with 15 licensees are funded by KfW.

Provincewise information on licensees who have executed contracts, funded by EDC and KfW, with REF for getting assistance to improve existing and develop electricity infrastructure in rural areas in 2016 is given in **Annex 7**.

Out of the 112 contracts, 100% target was achieved within the contract period for 111 contracts. One contract has been terminated as no achievement has been made within the contract period.

Provincewise information on contracted target length of network, constructed length of network, funded by EDC and KfW, under Program for Providing Assistance to Improve Existing and Develop Electricity Infrastructure in Rural Areas in 2016 is given in **Table 5** below.

Table 5: Provincewise information on contracted target length of network, constructed length of network, funded by EDC and KfW, under Program for Providing Assistance to Improve Existing and Develop Electricity Infrastructure in Rural Areas in 2016

No.	Province/City	Contracted target length of network, (km)		Constructed length of network, (km)	
		Low Voltage (LV)	Medium Voltage (MV)	Low Voltage (LV)	Medium Voltage (MV)
Funded by Electricité du Cambodge (EDC)					
1	Banteay Meanchey	87.20	15.70	87.20	15.70
2	Battambang	73.00	35.00	73.00	35.00
3	Kampong Cham	127.04	32.10	120.04	32.10
4	Kampong Chhnang	197.50	134.82	186.50	128.32
5	Kampong Speu	198.54	111.55	198.54	111.55
6	Kampong Thom	162.10	12.10	162.10	12.10
7	Kampot	44.80	67.38	44.80	67.38
8	Kandal	83.25	20.00	93.25	28.00
9	Koh Kong	34.36	26.00	34.36	26.00
10	Kratie	68.15	-	68.15	-
11	Preah Vihear	48.50	3.00	44.50	3.00
12	Prey Veng	229.77	45.05	228.62	45.05
13	Pursat	296.50	15.30	296.50	15.30
14	Rattanak Kiri	20.50	11.70	11.60	11.70
15	Siem Reap	54.91	15.55	38.41	12.85
16	Preah Sihanouk	37.70	-	37.70	-
17	Stueng Treng	8.00	-	8.00	-
18	Svay Rieng	48.00	18.20	48.00	18.20

19	Takeo	14.70	2.00	9.70	2.00
20	Tboung Khmum	51.37	2.62	51.37	2.62
Total I		1,885.89	568.07	1,832.34	558.87
		2,453.96		2,391.21	
Funded by Kreditanstalt für Wiederaufbau (KfW)					
1	Banteay Meanchey	22.50	-	10.00	-
2	Battambang	12.50	-	12.50	-
3	Kampong Cham	47.00	15.00	47.00	15.00
4	Kampong Chhnang	21.80	-	17.80	-
5	Kampong Speu	80.00	36.00	80.00	36.00
6	Kampong Thom	-	-	-	-
7	Koh Kong	-	-	-	-
8	Kandal	45.40	-	45.40	-
9	Kratie	20.00	34.00	20.00	34.00
10	Preah Vihear	18.00	-	18.00	-
11	Prey Veng	23.00	10.00	23.00	10.00
12	Siem Reap	10.90	-	10.90	-
13	Preah Sihanouk	9.50	16.70	9.50	16.70
14	Stueng Treng	-	-	-	-
15	Otdar Meanchey	14.50	-	14.50	-
16	Tboung Khmum	32.00	-	32.00	-
Total II		344.60	111.70	340.60	111.70
		456.30		452.30	
Grand total		2,910.26		2,843.51	

Provincewise summary information on contracted target length of network, constructed length of network and present position under Program for Providing Assistance to Improve Existing and Develop Electricity Infrastructure in Rural Areas, funded by EDC and KfW, in 2016 is given in **Annex 8**.

In 2016, 90 licensees have been directly benefited by this program.

This program has provided the much needed impetus to REEs to expand electricity supply to cover fully and quickly its authorized license area so that more rural household can access grid quality electricity supply from the REEs.

Provincewise total number of villages and number of villages electrified under Program for Providing Assistance to Improve Existing and Develop Electricity Infrastructure in Rural Areas, funded by EDC and KfW, in 2016 is given in **Table 6** below.

Table 6: Provincewise total number of villages and number of villages electrified under Program for Providing Assistance to Improve Existing and Develop Electricity Infrastructure in Rural Areas, funded by EDC and KfW, in 2016

No.	Province/city	Total number of villages (Census)	Number of villages access electricity	
			Funded by EDC	Funded by KfW
1	Banteay Meanchey	661	49	20
2	Battambang	799	22	-
3	Kampong Cham	916	71	16
4	Kampong Chhnang	562	71	7
5	Kampong Speu	1,358	104	35
6	Kampong Thom	738	113	-
7	Kampot	488	37	-
8	Kandal	912	58	40
9	Koh Kong	117	13	-
10	Kratie	250	12	2
11	Preah Vihear	229	24	4
12	Prey Veng	1,137	97	9
13	Pursat	501	80	-
14	Rattanak Kiri	240	10	-
15	Siem Reap	924	22	8
16	Preah Sihanouk	111	14	5
17	Stung Treng	128	1	-
18	Svay Rieng	690	22	-
19	Takeo	1,118	22	-
20	Otdar Meanchey	254	-	6
21	Tboung Khmum	853	38	19
Total		12,986	880	171
Grant total			1,051 (Out of 1,051 there are 23 villages in which program with funding from both EDC and KfW were implemented)	

List of villages covered under Program for Providing Assistance to Improve Existing and Develop Electricity Infrastructure in Rural Areas, funded by EDC and KfW, in 2016 is given in **Annex 9**.

Map showing the provinces for which REF provided assistance to improve existing and develop electricity infrastructure in rural areas, funded by EDC and KfW, in 2016 is given in **Annex 10**.

4.3.2 Site Inspection Activities on Implementation of Program for Providing Assistance to Improve Existing and Develop Electricity Infrastructure in Rural Areas

To ensure that the implementation of Program for Providing Assistance to Improve Existing and Develop Electricity Infrastructure in Rural Areas is implemented in a transparent and proper manner, REF staff verified the construction of networks for all licensees who implemented this program. Some physical activities of new network construction verification, before construction and after construction of electricity network, are shown pictorially below.

Yen Youlay Electricity (Project 5) having license No. 034L for providing electricity service at some parts of Bakan, Phnum Kravanh Districts and Pursat City, Pursat Province

Before construction of electricity network site



After construction of electricity network site



4.4 Program for Providing Subsidy, under the framework of Strategic Planning for Reduction the Rate and Gap of the Tariff for Sale of the Electricity in the Kingdom of Cambodia for the year 2015 to 2020 in Provinces and Cities, to the Licensees connected to the Grid System for Reduction of Tariff for Sale of Electricity in Rural Areas

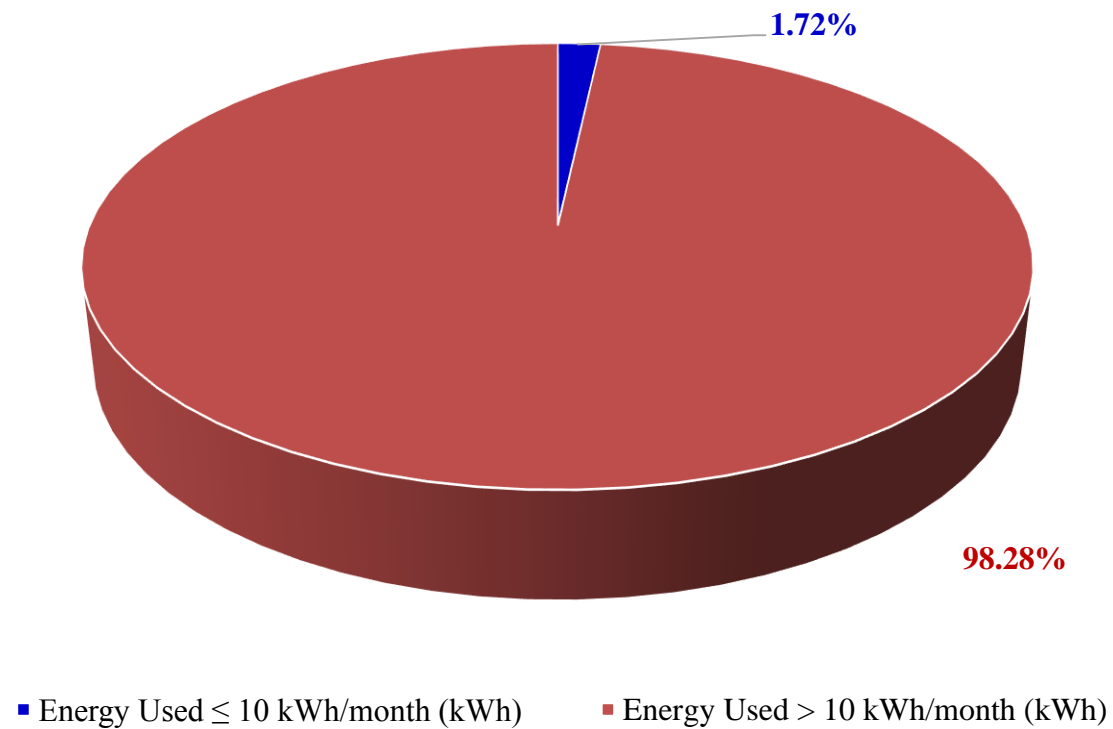
In 2016, out of the 252 licensees connected to the grid system, REF has provided subsidy to 247 licensees for reduction of tariff for sale of electricity in rural areas. 5 licensees have not furnished the required data and application for subsidy yet.

Provincewise summary information on number of customer and quantity of energy for which REF has disbursed subsidy to the licensees in 2016 is given in **Table 7**.

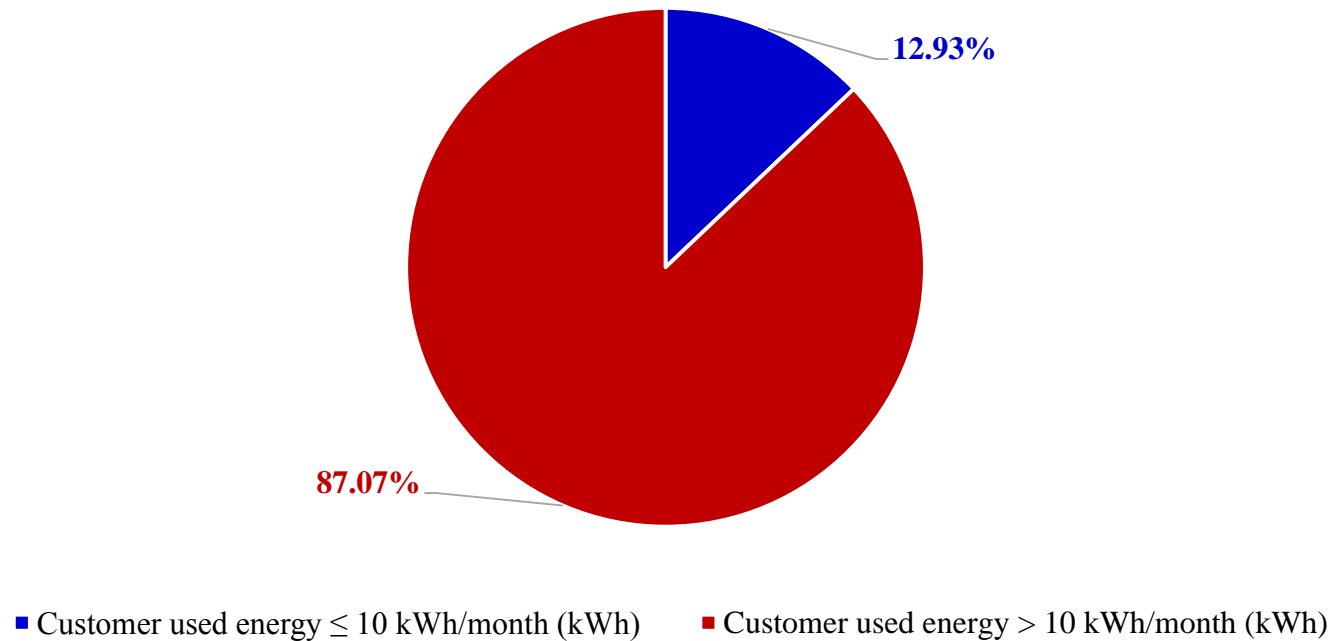
Table 7: Provincewise summary information on number of customer and quantity of energy for which REF has disbursed subsidy to the licensees in 2016

No.	Province/City	Number of customer and quantity of energy for which subsidy disbursed by REF				Total	
		Customer		Energy (kWh)		Customer	Energy (kWh)
		≤10 kWh/month	>10 kWh/month	≤10 kWh/month	>10 kWh/month		
1	Banteay Meanchey	12,999	69,678	621,360	23,567,028	82,677	24,188,388
2	Battambang	11,534	80,161	615,164	34,626,593	91,695	35,241,757
3	Kampong Cham	17,876	109,725	892,858	41,575,281	127,601	42,468,139
4	Kampong Chhnang	6,360	50,941	370,345	24,259,970	57,301	24,630,315
5	Kampong Speu	9,442	93,962	494,717	37,682,502	103,404	38,177,219
6	Kampong Thom	5,631	39,696	308,367	21,679,918	45,327	21,988,285
7	Kampot	12,913	67,559	569,221	21,264,495	80,472	21,833,716
8	Kandal	9,686	120,877	634,769	80,144,004	130,563	80,778,773
9	Koh Kong	723	5,526	41,188	3,040,788	6,249	3,081,976
10	Kratie	1,402	5,361	79,813	1,376,864	6,763	1,456,677
11	Phnom Penh	126	2,034	16,101	3,576,896	2,160	3,592,997
12	Prey Veng	17,332	89,997	886,628	25,782,148	107,329	26,668,776
13	Pursat	8,177	53,070	442,081	27,301,734	61,247	27,743,815
14	Siem Reap	8,405	50,266	436,566	20,289,470	58,671	20,726,036
15	Preah Sihanouk	1,180	16,352	70,276	13,340,326	17,532	13,410,602
16	Takeo	18,260	120,437	778,784	53,297,185	138,697	54,075,969
17	Otdar Meanchey	933	4,187	31,429	1,163,826	5,120	1,195,255
18	Tboung Khmum	6,735	28,243	532,403	13,136,236	34,978	13,668,639
Total		149,714	1,008,072	7,822,070	447,105,264	1,157,786	454,927,334

Graphic show the Quantity of Energy Used $\leq 10\text{kWh/month}$ and $>10\text{kWh/month}$ for which Subsidy Disbursed by REF in 2016, (%)



Graphic show Percentage of Customer Used Energy ≤ 10 kWh/month and > 10 kWh/month for which Subsidy Disbursed by REF in 2016



4.5 Program for Providing Electricity for Pumping for Agricultural Irrigation Uses

REF has not received any application from the licensee for payment of subsidy for construction of infrastructure and Providing Electricity for Pumping for Agricultural Irrigation Uses in 2016.

Annex 1

Provincewise summary information on execution of contracts funded by EDC and KfW under P2P Program in 2016

Province	Area of supply	License No.	Name of Licensee	Source of Supply
Funded by Electricité Du Cambodge (EDC)				
-	-	-	-	-
Funded by Kreditanstalt für Wiederaufbau (KfW)				
Battambang	Some parts of Khum Chheuteal, Banan District	117L	Mr. Dong Ly	EDC
	Some parts of Chen Meanchey, Banan District	330L	Mr. Lonh Sovan	EDC
Prey Veng	Some parts of Me Sang and Ba Phnum Districts	336L	Mr. Heang Phally (Project 2)	EDC
Pursat	Krakor District Town and some parts of Khum Kanhchor, Kandieng District	125L	SVVT Electricity (Project 3)	EDC
Svay Rieng	Some part of Kampong Rou and Chantrea District	268L	Mr. Khan Siden (Project 4)	EDC

Annex 2

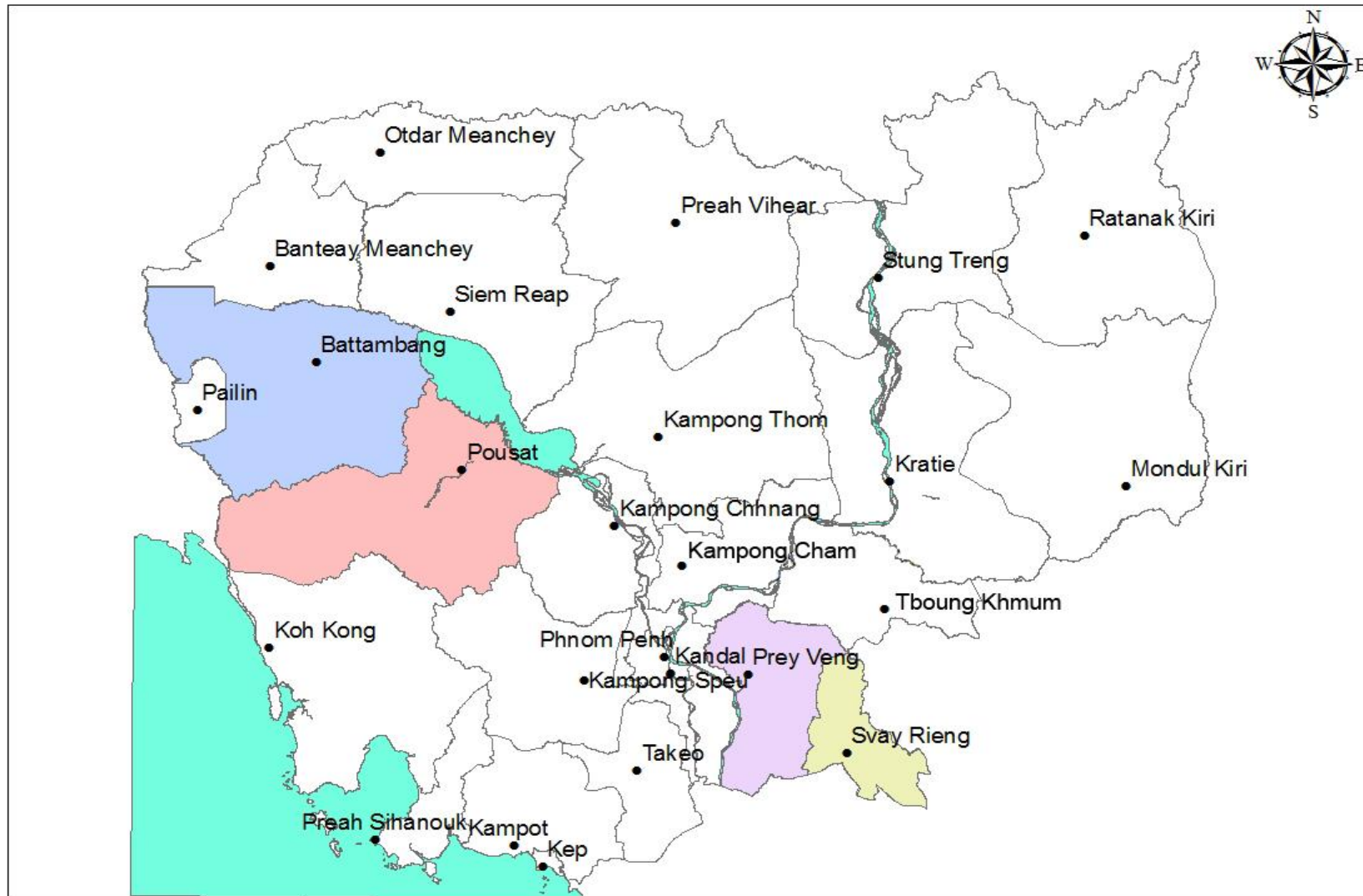
Provincewise summary information on contracted target number of rural households to be connected to supply system, number of rural household connected to supply system and present position funded by EDC and KfW under P2P Program in 2016

Province	License No.	Name of Licensee	Contracted target number of rural HH to be connected to supply system, (HH)	Number of rural HH connected to supply system, (HH)	Remark
Funded by Electricité Du Cambodge (EDC)					
-	-	-	-	-	-
Funded by Kreditanstalt für Wiederaufbau (KfW)					
Battambang	117L	Mr. Dong Ly	101	101	Disbursed
	330L	Mr. Lonh Sovan	260	260	Disbursed
Prey Veng	336L	Mr. Heang Phally (Project 2)	620	620	Disbursed
Pursat	125L	SVVT Electricity (Project 3)	162	84	Disbursed and Project Closed
Svay Rieng	268L	Mr. Khan Siden (Project 4)	520	-	On going
Total			1,663	1,065	

Annex 3
List of villages covered, under funding by EDC and KfW, by P2P Program in 2016

No.	Province	Number of villages in which P2P program was implemented	Commune	District	License No.	Licensee
Funded by Electricité Du Cambodge (EDC)						
-	-	-	-	-	-	-
Funded by Kreditanstalt für Wiederaufbau (KfW)						
1	Battambang	Anlong Tamei, Chamkar Svay, Chhok Po	Chheuteal	Banan	117L	Mr. Dong Ly
		Sambour Meas	Snoeng	Banan	330L	Mr. Lonh Sovan
		Bos Knol, Thor, ROUNg, Chong Ou Svay, Kampong Koul, Cheng	Cheng Meanchey			
2	Prey Veng	Thmei, Kro Saing	Chi Phoch	Ma Sang	336L	Mr. Heang Phally (Project 2)
		Trapeaek Phlong, Trapeaek Phreah 2, Bareach, Sonnloung Leab, O-Sang Ke, Russei Chochork, Kros, Robos Phchet, Lpov, Sanlong, Ta Mao, Russei Tvea, Keo Sna, Svay Cho, Prey Khnes(b)	Prey Khnes			
		Chanra(a), Chanra(b), Prey Prorng, Prey Sva, Thlork	Speu (b)	Ba Phnum		
		Kandal, Dei Thoy, Ta Ma, Svay Tani, Ang Krorng, Ta Mao	Beung Pheah			
3	Pursat	Puth Tream, Ou Ach Kok, Kraing Thom, Ou Sandan, Daong Chour, Kneung, Ou Tabrok, Chongklorn	Ou Sandan	Krokor	125L	SVVT Electricity (Project 3)
		Chi Ches, Veal Vong, Savoan, Svar Sor, Sna Ansa, Ansor Kdam, Kraing Veng	Sna Ansa			
		Kampong Leu	Kbal Trach			
	Total	54 Villages	10 Communes	4 Districts		

Annex 4
Map showing the provinces in which P2P Program under funding by EDC and KfW, is implemented in 2016



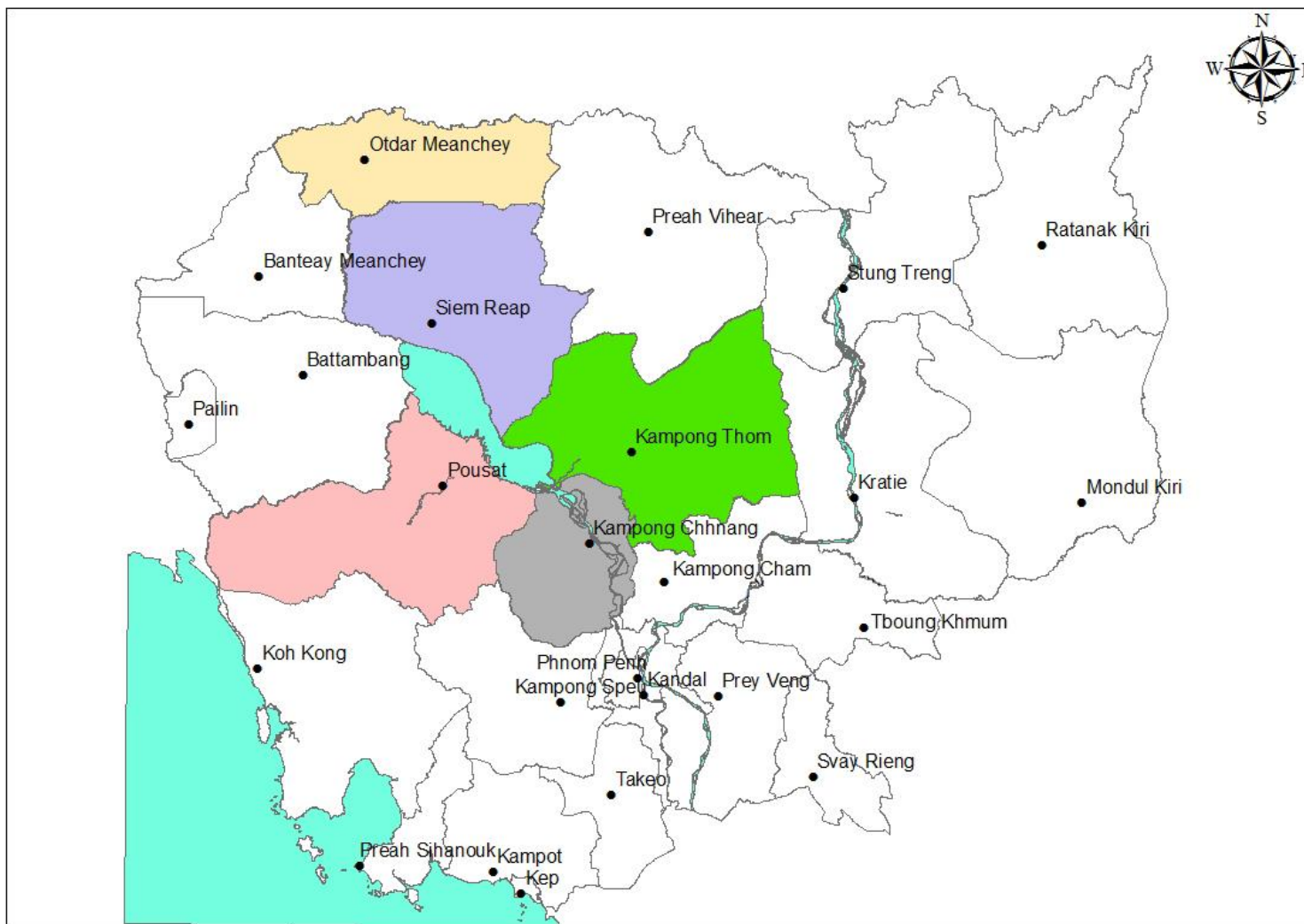
Annex 5
List of villages in which 12,500 SHS have been installed in 2016

No.	Province	Number of villages access electricity through SHS	Commune	District
1	Kampong Chhnang	Mean Ka Keut, Mean Ka Lech, Thmei Khmerek, Srae Sa	Tbaeng Khpos	Sameakki Mean Chey
		Kraing Siem, Knay, Boeng Leach, Peareach, Vat Sedthei, Brachum Kous	Sedthei	
		Khmar Chhmar, Chrey Kong Lech, Trapeang Sraeng	Khmar Chhmar	
		Braklout, Spean Dek	Thlok Vien	
		Kraing Saraong, Kiri Akphivoadth, Chhak Tnaot, Chouch Chit, Trapeang Thmar, Royeas, Anlong Pring, Srae Ruessei	Chhean Laeung	
		Chhak Sangkae, Taing Kley	Svay Chuk	
		Khmar Teimoung, Ksach Sa, Tramoung Chrum, Sambok Kril, Taing Krous Lech	Krang Lvea	
		Kraing Doung, Kraing Beng, Taing Poun, Sok Saen Chey	Peam	
		Peam Popech	Kaoh Thkov	Chol Kiri
		Kraing Skear, Kraing Skear Tboung, Chan Trak, Chambak Prasat, Trapeang Mlou, Tuol Samraong, Phnum Ta Sam	Krang Skear	Tuek Phos
		Damrib, Trapeang Chum, Tuek Chum, Bekchak, Srae Prech	Akphivoadth	
		Khvit Tuol Klaeng, Ngouy, Chi Pouk, Doung Sla, Taing Ksach, Taing Sya, Prey Chrov, Moung	Kbal Tuek	
		Yout	Khlong Popok	
		Kouk Naing, Thmei, Veal Sbov	Tang Krasang	
		Trapeang Smach	Tuol Khpos	
		Kandal, Thlok, Ea' Lech	Chranouk	Kampong Leaeng
		Trapeang Meas, Tumnuh, Trangil	Trangil	
		Kampong Ba Chen, Damank Kokoah, Thmei, Peam Tunla, Po	Pou	
		Ta Lat, Knong, Chambak Kous	Svay Rumpear	
		Pobrak, Saraong Saen	Samraong Saen	
2	Kampong Thom	Trapeang Prey, Ou Saom, Boeng Lvea, Phnum Reang, Trapeang Pdau, Sangkrou, Tbeaeng, Kampong Ambil	Boeng Lvea	Santuk
		Chhouk Rumdoul, Samraong	Ti Pou	
		Ta Peam, Ou Ambeang, Boeng Andaet, Tramkla, Chheu Teal, Ta Am, Prey Brasob,	Tbaeng	Kampong Svay

		Ploung, Ruessei Cheas, Sra Ngae, Trach, Tbaeng Ka, Tbaeng Kar, Pou		
		Prey Toub, Trapeang Areak, Mohor, Lvea	Chey	
		Nipech Ka, Doun Chhouk	Nipechr	
		Peab Kreng, Sleng	Kdei Doung	
		Kouk Ngoun, Trapeang Prolit, Trapeang Ruessei, Snor, Samraong, Ou Rumdeng	Trapeang Ruessei	
		Tamom, Krabau	Doung	Prasat Ballangk
		Kampeut	Sameakki	
		Thum	Tuol Kreul	
		Ruessei Doch	Sala Visai	
		Poun, Anlong Veng	Kokir Thum	Baray
		Kampong Krabei	Bak Sna	
		Chey Sampov, Chhouk Stoeng	Sambour	Prasar Sambour
		Ou Kanthor Cheung, Ou Kanthor Tbound	Ou Kanthor	Stueng Saen
3	Pursat	Kapas Leu, Cham Thmei, Dang Kieb Kdam, Tien Prey, Bamnak	Chheu Tom	Krakor
		Dambouk 100, Bangkong Khmum	Tnaot Chum	
		Kla Krapeu, Chrou Long, Thkoul Thum	Anlog Tnot	
		Trapeang Rumdech, Doung, Totoeng, Brachak, Spean Rir, Srae Ruessei	Kbal Trach	
		Kampong Thkoul, Kbal Damrei, Ksach La'eth, San Sa	Ansa Chakbak	
		Veal Vong, Prey Klong, Rokan, Reamrai	Rokat	Phnum Kravanh
		Preaek Pir, Vil, Angkrong, Ou Heng	Samraong	
		Santreae, Raeng Kvau, Srae Popeay, Chamkar Phnum	Santreae	
		Samraong Yea, Kampeng	Prongil	
		Trapoung Pong, Pramaoy, Tak Lak	Pramaoy	Veal Veaeng
		Kandal, Ckamkar Chrey Khang Cheung, Dei Krahorm	Anlong Reab	
		Smaeat, Krasang Phnov, Ou Rumchek, Boeng Rumlech	Krapeu Pir	
		Reang Til, Preaek, Koah Kaev	Reang Til	Kandieng
		Porlor, Me Tuek	Me Tuek	Bakan
4	Siem Reap	Kouk Vat, Prey Khnol, Srae Samot, Knar Phtoul, Rolum Runthmei	Srae Nouy	Varin
		Ou, Kambor	Svay Sa	
		Kabday, Tumneab Svay, Prasat	Prasat	
		Sanday, Prey, Knar	Khmar Sanday	Banteay Srei

		Sras Khvav, Chambak Beidaem	Tbaeng	
		Tnol Bandaoy, Tnol Totoeng, Tatay, Ou Totoeng, Preah Dak	Preah Dak	
		Sala Kravan	Rumchek	
		Run, Chey, Thmat Pong, Ta Aek, Ta Ni	Run Ta Aek	
		Knar Rongvoas, Chhouk Sa, Tuol Krous	Khun Ream	
		Phchek Chum, Kantout, Kramom Boul, Knar Krau, Chub Rumdeng	Kantuot	Svay Leu
		Damboul Kpous, Ta Siem, Trapeang Tim, Rohal, Kranhoung, Trapeang Thmar, Trapeang Popel, Ou Rung	Ta Siem	
		Chanhear, Trapeang Ruessei, Tuek Lech, Taop Chey, Boeng Mealea, Sakda, Srae Rodang	Boeng Mealea	
		Chhes Chan, Chub Kraom, Chub Leu, Trapeang Kteas, Trapeang Knar, Trapeang Svay, Thmei, Bitpka, Rolum Touk, Rumchek, Rumdeng, Angkach, Ou Meanchey, Trapeang Angkrong	Svay Leu	
		Anlong Thum, Ta Hean, Thmei, Popel, Preah Ang Thom	Khnanng Phnum	
		Samraong, Ta Brouk	Leang Dai	Angkor Thum
		Choukchrey, Khcheay	Sasar Sdam	Puok
		Kouk Thmei, Kouk Pou, Kouk Pnov, Doun Kaev, Doun Un, Ta Kam, Ta Snae, Tnaot Chrum, Prasat Char, Peam, Rohal, Lbaeuk, An Ngoun	Doun Kaev	
		Kbal Krapeu, Trapeang Thum, Trapeang Svay, Rumdoul, Sras	Reul	
		Kouk Ruessei, Trach, Prumkot	Ballangk	Prasat Bakong
		Kvau, Kol, Ta Kouy, Prey Ar	Koul	Angkor Chum
		Roka, Rumdoul Thmei	Doun Peng	
		Kouk Chas, Chum Numreay, Tuek Tla, Ronas, Srae Praing	Srae Khvar	
		Kraing, Kambou Or, Chung Spean, Pou Ring, Rovieng, Srong, Ou	Khvav	Chi Kraeng
	4 Provinces	286 Villages	72 Communes	23 Districts

Annex 6
Map showing the provinces in which 12,500 SHS have been installed in 2016



Annex 7

Provincewise information on licensees who have executed contracts, funded by EDC and KfW, with REF for getting assistance to improve Existing and develop electricity infrastructure in rural areas in 2016

Province/ city	Area of supply	License No.	Name of Licensee	Source of supply
Funded by Electricité Du Cambodge (EDC)				
Banteay Meanchey	Some parts of O-Chrov and Svay Chek Districts and Krong Poipet	276L	Mr. Chun Rithy (Project 2)	EDC
	Some parts of Krong Sereysophorn, Mongkultborey District	324L	Mrs. Khiev Sokha* (Project 2)	EDC
			Mrs. Khiev Sokha* (Project 3)	
	Some parts of Preah Netr Preah and Phnum Srok Districts	351L	Mr. Tep Makara (Project 2)	EDC
	Some parts of Svay Chek and Thma Puok Districts	379L	Mrs. Keo Chhorvy (Project 2)	EDC
	Some parts of Thma Puok, Svay Chek, Phnum Srok and Preah Netr Preah District	389L	Mrs. Men Chansokol (Project 2)	EDC
Battambang	Some parts of Rotonak Mondol and Banan Districts	069L	Mr. Nob Bin (Project 2)	EDC
			Mr. Nob Bin (Project 3)	
	Some parts of Khum Chheuteal, Danan District	117L	Mr. Dong Ly	EDC
	Some parts of Thmarkol District	201L	Mr. Ou Chanrat (Project 2)	EDC
	Some parts of Khum Chrey, Thmarkol District	202L	Mrs. Kong Samon (Project 2)	EDC
	Some parts of Sangke and Aek Phnum District	262L	Mr. Tin Savet (Project 2)	EDC
	Some parts of Snoeng, Banan District	275L	Mr. Koy Mach (Project 2)	EDC
	Some parts of Moung Reuessei and Rukhak Kiri District	303L	SVRA Electricity Service Enterprise * (Project 6)	EDC
	Some parts of Bovil and Thmarkol Districts	324L	Mrs. Khiev Sokha* (Project 2)	EDC
			Mrs. Khiev Sokha* (Project 3)	
	Some parts of Khum Cheng Meanchey, Banan District	330L	Mr. Lonh Savan (Project 3)	EDC
Kampong Cham	Some parts of Prey Chhor, Kang Meas, Chamkar Leu, Stung Trang and Kampong Siem Districts	023L	Mekong Smart Power* (Project 4)	Electricity Skon-Chamkarleu

	Some parts of Chamkar Leu District	038L	Tnal Bek Chamkar Leu Electricity	Electricity Skon-Chamkarleu
	Some parts of Stung Trang and Kampong Seam Districts	057L	Mr. Chin Sohin	EDC
	Khum Thmar Poun, Preychhor District	241L	Mr. Ung Kimsean	BVC Power Development
	Some parts of Khum Chamkar Andoung, Chamkar Leu District	256L	Mr. Te Kimsong	Mr. Te Kok Eng
	Some parts of Cheung Prey District	286L	Mrs. Sou Rong	Electricity Skon-Chamkarleu
	Some parts of Srei Santhor	335L	Mrs. Khun Naykieng* (Project 3)	TPLC Holdings
	Some parts of Khum Ta Ong, Chamkar Leu District	376L	Mr. Lay Bunthoeun	BVC Power Development
Kampong Chhnang	Some parts of Boribou District	040L	Mr. Mak Heat (Project 3)	OSVR Trading
	Some parts of Rolea B'ier District	096L	Mr. Un Sophal (Project 4)	OSVR Trading
	Some parts of Tuek Phos District	119L	Mr. Un Sothea (Project 4)	OSVR Trading
			Mr. Un Sothea (Project 5)	
	Some parts of Kampong Tralach, Sameakki Mean Chey, Tuek Phos, Rolea B'ier and Baribour Districts	300L	OSVR Trading (Project 7)	EDC
			OSVR Trading (Project 8)	
	Some parts of Kampong Tralach and Sameakki Mean Chey Districts	415L	Mrs. Ker Varin*	OSVR Trading
			Mrs. Ker Varin* (Project 2)	
Kampong Speu	Some parts of Kampong Tralach, Tuek Phos, Rolea B'ier and Sameakki Mean Chey Districts	416L	Mr. Or Joly	OSVR Trading
			Mr. Or Joly (Project 2)	
	Some parts of Khum Pou Angkrang and Khum Nitean, Basedth District	101L	Phsar Thnal Bort Electricity Enterprise* (Project 3)	EDC
	Some parts of Phnum Srouch District	136L	Mr. Men Kunthea (Project 4)	EDC
	Some parts of Samraong Tong and Odongk Districts	137L	Meng Sok Leng Construction and Electric* (Project 2)	EDC
	Some parts of Odongk, Thpong and Samraong Tong District	155L	Sahakreas Aphivath Akisni Samrethkiry (Project 3)	EDC

	Some parts of Korng Pisey and Samraong Tong Districts	224L	Sokha Electricity Co., Ltd** (Project 5)	EDC
	Some parts of Basedth District	386L	Mr. Ung Khunvathanak (Project 4)	Sokha Electricity
	Some parts of Kong Pisey District	411L	Mr. Ung Khunvathana*	Sokha Electricity
Kampong Thom	Kampong Thom Provincial Town	012L	Cam Chilbo Electric Power	BVC Power Development
	Some parts of Baray District	019L	Mr. Te Kok Eng (Project 2)	BVC Power Development
	Some parts of Baray District	023L	Mekong Smart Power* (Project 4)	Electricity Skon-Chamkarleu
	Some parts of Stong District	063L	Mr. Ong Hoksini (Project 2)	BVC Power Development
			Mr. Ong Hoksini (Project 3)	
	Khum Sankor and Khum Tbeng, Kampong Svay District	228L	Mr. Saeu Tienkok (Project 2)	BVC Power Development
	Some parts of Stoung and Prasat Balaing Districts	354L	Mrs. Khun Nay Heak	BVC Power Development
	Khum Krava, Khum Chaeung Daeung, Khum Bak Sna and Khum Kokir Thum, Baray District	367L	Mr. Soeun Sophal (Project 3)	BVC Power Development
Kampot	Some parts of Chhouk, Chumkiri, Angkor Chey, Banteay Meas, Dorng Tong, Toek Chhou and Kampong Trach Districts	044L	Akisani Toek Chhou	EDC
	Some parts of Banteay Meas, Kampong Trach and Angkor Chey District	093L	Akissni Touk Meas Enterprise* (Project 4)	Vietnam
	Khum Tani and Khum Phnum Kong, Angkor Chey District	097L	Mr. Yin Ech (Project 2)	Akissni Touk Meas Enterprise
	Some parts of Dorng Tong and Kampong Trach Districts	225L	Mrs. Chann Sokim	Akissni Touk Meas Enterprise
Kandal	Some parts of S'ang and Kaoh Thum District	049L	Eastern Power Supply Enterprise (EPOSE) (Project 5)	Akissini Keansvay
			Eastern Power Supply Enterprise (EPOSE) (Project 6)	

	Some parts of Angsnuol District	137L	Meng Sok Leng Construction and Electric Co., Ltd* (Project 2)	EDC
	Special Purpose Transmission and Distribution Service at Khum Prek Kompoeus and Khum Cheung Keub, Kandal Stoeung District	223L	LMK	EDC
	Some parts of Kandal Stueng and Angk Snuol Districts	224L	Sokha Electricity Co., Ltd** (Project 5)	EDC
	Some parts of Lvea Em District	355L	Mr. Chhor Veng Ngoun*	EDC
	Some parts of Kandal Stueng District	411L	Mr. Ung Khunvathana*	Sokha Electricity
	Khum Kampong Luong, Ponhea Leur	415L	Mrs. Ker Varin* Mrs. Ker Varin* (Project 2)	OSVR Trading
	Some parts of Khsach Kandal District	335L	Mrs. Khun Naykieng* (Project 3)	TPLC Holdings
Koh Kong	Some parts of Srae Ambel District	028L	Mr. Samrith Sothy (Project 2)	EDC
	Some parts of Botumsakor, Sre Ambel, Koh Kong and Kirisakor Districts	371L	Mr. Heng Huy	EDC
Kratie	Khum Kohtasuy, Khum Tamao and some parts of Khum Chambork, Khum Russeykeo, PreyBrasorb District.	217L	Mr. Heang Pov (Project 2)	EDC
	Some parts of Sambour District	346L	Mrs. Chea Sokeng	EDC
	Some parts of Sambour District	395L	Mrs. Khun Sokgach* (Project 3)	EDC
Preah Vihear	Some parts of Rovieng District	128L	Mr. Eang Khun (Project 2)	BVC Power Development
	Some parts of Kulen District	334L	Mr. Chak Sean	BVC Power Development
Prey Veng	Some parts Khum Prasat and Khum Angsornk Kampong Trabek District	036L	Mrs. Pauch Kim	Nhem Horn Electrical
	Some parts of Khum Chi Phoch, and Khum Trapeang Srae, Me Sang District	239L	Mr. Chan Sothea (Project 2)	EDC
			Mr. Chan Sothea (Project 3)	
	Special Purpose Transssmission Service at Along the National Road No. 8 from Border of Cambodia-Vietnam to Kamchay Mear, Svay Antor and Pearaing Districts	259L	Inter BP Solution Corporation	EDC

	Some parts of Me Sang District	269L	Mr. Kong Yorn (Project 2)	EDC
	Khum Prey Phnou, Pearaing District	299L	Mr. Ei Lihour	Genich Stall
	Some parts of Me Sang and Ba Phnum Districts	336L	Mr. Heang Phally (Project 2)	EDC
			Mr. Heang Phally (Project 3)	
	Some parts of Kampong Trabaek, Ba Phnum, and Me Sang Districts	343L	Nhem Horn Electrical (Project 2)	Vietnam
			Nhem Horn Electrical (Project 3)	
	Some parts of Porieng and Pearaing Districts	355L	Mr. Chhor Veng Ngoun*	EDC
Pursat	Some parts of Khums Beung Khnar, Khum Khnatoteung and Khum Metek, Bakan District	033L	Chhuor Nguon Electricity Enterprise (Project 3)	EDC
	Some parts of Bakan, Phnum Kravanh Districts and Pursat City	034L	Yen Youlay Electricity Enterprise (Project 5)	EDC
			Yen Youlay Electricity Enterprise (Project 6)	
	Some parts of Bakan, Kandieng Districts and Krong Pursat	052L	Nareth Electricity Development Enterprise	EDC
	Krakor District Town and some parts of Khum Kanhchor, Kandieng District	125L	SVVT Electricity (Project 4)	EDC
	Khum Pramouy and Khum Anlong Reap, Veal Veng District	281L	Mr. Vong Sombo	EDC
	Some parts of Veal Veang District	303L	SVRA Electricity Service Enterprise * (Project 6)	EDC
	Some parts of Phnum Kravanh District and Pursat City	331L	Mr. Lim Pak (Project 3)	EDC
	Some parts of Khum Svay Sa, Khum Chheu Tom, Krakor District	383L	Mrs. Khim Heang (Project 3)	EDC
			Mrs. Khim Heang (Project 4)	
	Khum O-Som, Vealveng District	397L	Mr. Pav Vuthea	EDC
Rattanak Kiri	Some parts of Borkeo District	291L	Mr. Samrith Horn	EDC
Siem Reap	Some parts of Sotnikum District	083L	Mr. Yim Rithy	KTC Cable
	Some parts of Chikreng and Sotnikum Districts	129L	Mr. Chan Sok	KTC Cable
	Some parts of Srei Snam District	311L	Mrs. Heng Symuy (Project 2)	EDC
Preah Sihanouk	Some parts of Preynob District	029L	Mr. Sok Thy (Project 2)	EDC
	Some parts of Khum O-Tresh, Steung Hav District	120L	Mr. Chan Keat	EDC
	Khum Ou Chrov, Khum Boeng Ta Prum, Prey Nob District	271L	Mr. Hung Huy (Project 3)	EDC
			Mr. Hung Huy (Project 4)	

Stung Treng	Some parts of Siem Bouk, Sesan District and Stung Treng City	395L	Mrs. Khun Sokgach* (Project 3)	EDC
Svay Rieng	Some parts of Kampong Rou and Chantrea District	268L	Mr. Khan Siden (Project 3)	EDC
	Some parts of Romeas Haek District	319L	Khmer Utility Trading (KUT) Company	EDC
Takeo	Some parts of Kiri Vong District	093L	Akissni Touk Meas Enterprise* (Project 4)	Vietnam
	Some parts of Khum Boeng Tranh Khang Cheung and Khum Boeng Tranh Khang Tboung, Samraong District	101L	Phsar Thnal Bort Electricity Enterprise* (Project 3)	EDC
	Some parts of Prey Kabas District	212L	Mr. Ngeth Meng (Project 2)	LMK
	Some parts of Baty District	224L	Sokha Electricity** (Project 5)	EDC
	Some parts of Khum Kampeng, Prey Kabas District and Khum Ponley, Angkor Borey District	238L	Mr. Hou Veasna	LMK
Tboung Khmum	Some parts of Tboung Khmum and Ou Reang Ov Districts	085L	Electricity Tbong Khmum Enterprise (Project 6)	EDC
	Some parts of Dambe District and Khum Popel, Ponheakrek District	308L	Mrs. Phin Thai	EDC
Funded by Kreditanstalt für Wiederaufbau (KfW)				
Banteay Meanchey	Some parts of Mongkul Borei, Phreahnet Phreah Districts	105L	TNNT Electricity* (Project 3)	EDC
	Khum Nam Tao, Phnom Srok District	401L	Mr. Tan Leang Sreng	EDC
Battambang	Some parts of Thmar Kol District	105L	TNNT Electricity* (Project 3)	EDC
Kampong Cham	Some parts of Prey Chhor, Kang Meas, Chamkar Leu, Stung Trang and Kampong Siem Districts	023L	Mekong Smart Power* (Project 5)	Electricity Skon-Chamkarleu
	Some parts of Srei Santhor	335L	Mrs. Khun Naykieng* (Project 4)	TPLC Holdings
Kampong Chhnang	Khum Ampil Teuk and some parts of Khum Kampong Tralach, Kampong Tralach District	400L	Mr. Hong Sengkry	EDC
Kampong Speu	Some parts of Samraong Tong and Odongk Districts	137L	Meng Sok Leng Construction and Electric* (Project 3)	EDC
			Meng Sok Leng Construction and Electric* (Project 4)	
Kampong Thom	Some parts of Baray District	023L	Mekong Smart Power* (Project 5)	Electricity Skon-Chamkarleu
	Some parts of Stoung District	111L	Mr. Kong Vun* (Project 2)	KTC Cable

Kandal	Some parts of Angsnuol District	137L	Meng Sok Leng Construction and Electric* (Project 3)	EDC
			Meng Sok Leng Construction and Electric* (Project 4)	
	Some parts of Keansvay, Sa-Ang and Lvea Em Districts	150L	Akissni Keansvay (Project 2)	EDC
	Special Purpose Transmission and Distribution Service at Khum Prek Kompoeus and Khum Cheung Keub, Kandal Stoeung District	223L	LMK (Project 2)	EDC
	Some parts of Khsach Kandal District	335L	Mrs. Khun Naykieng* (Project 4)	TPLC Holdings
	Some parts of Lvea Em District	355L	Mr. Chhor Veng Ngoun* (Project 2)	EDC
Koh Kong	Some parts of Khum Boeung Phreav, Sre Ambil District	279L	Mr. Khun Chantharith*	EDC
Kratie	Some parts of Sambour District	395L	Mrs. Khun Sokgach* (Project 4)	EDC
Preah Vihear	Some parts of Chheb, Chey Sen, and Roveing Districts	409L	Mr. Eng Sotheavatana	EDC
Prey Veng	Some parts of Porieng and Pearaing Districts	355L	Mr. Chhor Veng Ngoun* (Project 2)	EDC
Preah Sihanouk	Some parts of Kampong Sela	279L	Mr. Khun Chantharith*	EDC
Stung Treng	Some parts of Siem Bouk, Sesan District and Stung Treng City	395L	Mrs. Khun Sokgach* (Project 4)	EDC
Siem Reap	Some parts of Chikreng District	111L	Mr. Kong Vun* (Project 2)	KTC Cable
Otdar Meanchey	Some parts of Chong Kal District and Krong Samraong	388L	Mrs. Khiev Sophal (Project 2)	EDC
Tboung Khmum	Some parts of Tboung Khmum and Ou Reang Ov Districts	085L	Electricity Tbong Khmum Enterprise (Project 7)	EDC

Note: * Area of supply in 2 provinces and ** area of supply in 3 provinces.

Annex 8

Provincewise summary information on contracted target length of network, constructed length of network and present position under Program for Providing Assistance to Improve Existing and Develop Electricity Infrastructure in Rural Areas, funded by EDC and KfW, in 2016

Province/city	License No.	Name of licensee	Contracted target length of network (km)		Constructed length of network (km)		Remark
			LV	MV	LV	MV	
Funded by Electricité Du Cambodge (EDC)							
Banteay Meanchey	276L	Mr. Chun Rithy (Project 2)	10.00	10.00	10.00	10.00	Disbursed
	324L	Mrs. Khiev Sokha* (Project 2)	12.00	-	12.00	-	Disbursed
		Mrs. Khiev Sokha* (Project 3)	9.00	-	9.00	-	Disbursed
	351L	Mr. Tep Makara (Project 2)	12.20	5.70	12.20	5.70	Disbursed
	379L	Mrs. Keo Chhorvy (Project 2)	20.00	-	20.00	-	Disbursed
	389L	Mrs. Men Chansokol (Project 2)	24.00	-	24.00	-	Disbursed
Battambang	069L	Mr. Nob Bin (Project 2)	16.00	8.00	16.00	8.00	Disbursed
		Mr. Nob Bin (Project 3)	14.00	6.00	14.00	6.00	Disbursed
	117L	Mr. Dong Ly	4.00	-	4.00	-	Disbursed
	201L	Mr. Ou Chanrat (Project 2)	13.00	2.00	13.00	2.00	Disbursed
	202L	Mrs. Kong Samon (Project 2)	5.00	-	5.00	-	Disbursed
	262L	Mr. Tin Savet (Project 2)	6.00	12.00	6.00	12.00	Disbursed
	275L	Mr. Koy Mach (Project 2)	7.00	-	7.00	-	Disbursed
	303L	SVRA Electricity Service Enterprise* (Project 6)	4.00	7.00	4.00	7.00	Disbursed
	324L	Mrs. Khiev Sokha* (Project 2)	-	-	-	-	-
		Mrs. Khiev Sokha* (Project 3)	-	-	-	-	-
	330L	Mr. Lonh Savan (Project 3)	4.00	-	4.00	-	Disbursed
Kampong Cham	023L	Mekong Smart Power* (Project 4)	28.50	-	28.50	-	Disbursed
	038L	Tnal Bek Chamkar Leu Electricity	22.00	-	15.00	-	Disbursed and Project Closed

	057L	Mr. Chin Sohin	9.50	5.50	9.50	5.50	Disbursed
	241L	Mr. Ung Kimsean	10.29	2.70	10.29	2.70	Disbursed
	256L	Mr. Te Kimsong	3.00	-	3.00	-	Disbursed
	286L	Mrs. Sou Rong	29.50	20.00	29.50	20.00	Disbursed
	335L	Mrs. Khun Naykieng* (Project 3)	15.00	-	15.00	-	Disbursed
	376L	Mr. Lay Bunthoeun	9.25	3.9	9.25	3.90	Disbursed
Kampong Chhnang	040L	Mr. Mak Heat (Project 3)	11.00	2.82	11.00	2.82	Disbursed
	096L	Mr. Un Sophal (Project 4)	14.50	-	14.50	-	Disbursed
	119L	Mr. Un Sothea (Project 4)	24.00	27.00	24.00	27.00	Disbursed
		Mr. Un Sothea (Project 5)	19.00	4.00	19.00	4.00	Disbursed
	300L	OSVR Trading (Project 7)	27.00	30.00	27.00	30.00	Disbursed
		OSVR Trading (Project 8)	24.00	25.00	24.00	25.00	Disbursed
	415L	Mrs. Ker Varin*	22.00	23.00	22.00	23.00	Disbursed
		Mrs. Ker Varin* (Project 2)	24.00	-	24.00	-	Disbursed
	416L	Mr. Or Joly	19.00	13.00	19.00	13.00	Disbursed
		Mr. Or Joly (Project 2)	13.00	10.00	2.00	3.50	Disbursed
Kampong Speu	101L	Phsar Thnal Bort Electricity Enterprise* (Project 3)	40.84	12.45	40.84	12.45	Disbursed
	136L	Mr. Men Kunthea (Project 4)	8.50	6.70	8.50	6.70	Disbursed
	137L	Meng Sok Leng Construction and Electric* (Project 2)	39.00	20.00	39.00	20.00	Disbursed
	155L	Sahakreas Aphivath Akisni Samrethkiry (Project 3)	21.20	11.60	21.20	11.60	Disbursed
	224L	Sokha Electricity** (Project 5)	20.00	30.00	20.00	30.00	Disbursed
	386L	Mr. Ung Khunvathanak (Project 4)	29.00	19.20	29.00	19.20	Disbursed
	411L	Mr. Ung Khunvathana*	40.00	11.60	40.00	11.60	Disbursed
Kampong Thom	012L	Cam Chilbo Electric Power	10.00	-	10.00	-	Disbursed
	019L	Mr. Te Kok Eng (Project 2)	25.80	3.50	25.80	3.50	-
	023L	Mekong Smart Power* (Project 4)	-	-	-	-	Disbursed
	063L	Mr. Ong Hoksini (Project 2)	32.80	-	32.80	-	Disbursed
		Mr. Ong Hoksini (Project 3)	4.50	8.60	4.50	8.60	Disbursed

	228L	Mr. Saeu Tienkok (Project 2)	23.50	-	23.50	-	Disbursed
	354L	Mrs. Khun Nay Heak	52.00	-	52.00	-	Disbursed
	367L	Mr. Soeun Sophal (Project 3)	13.50	-	13.50	-	Disbursed
Kampot	044L	Akisani Toek Chhou	3.00	66.08	3.00	66.08	Disbursed
	093L	Akissni Touk Meas Enterprise* (Project 4)	25.40	-	25.40	-	Disbursed
	097L	Mr. Yin Ech (Project 2)	5.40	1.30	5.40	1.30	Disbursed
	225L	Mrs. Chann Sokim	11.00	-	11.00	-	Disbursed
Kandal	049L	Eastern Power Supply Enterprise (EPOSE) (Project 5)	20.75	-	20.75	-	Disbursed
		EPOSE (Project 6)	27.00	-	27.00	-	Disbursed
	137L	Meng Sok Leng Construction and Electric* (Project 2)	-	-	-	-	-
	223L	LMK	35.50	20.00	35.50	20.00	Disbursed
	224L	Sokha Electricity** (Project 5)	-	-	-	-	-
	335L	Mrs. Khun Naykieng* (Project 3)	-	-	-	-	-
	355L	Mr. Chhor Veng Ngoun*	-	-	-	-	-
	411L	Mr. Ung Khunvathana*	-	-	-	-	-
		Mrs. Ker Varin*	-	-	-	-	-
Koh Kong	028L	Mr. Samrith Sothy (Project 2)	6.00	26.00	6.00	26.00	Disbursed
	371L	Mr. Heng Huy	28.36	-	28.36	-	Disbursed
Kratie	217L	Mr. Heang Pov (Project 2)	11.15	-	11.15	-	Disbursed
	346L	Mrs. Chea Sokeng	15.00	-	15.00	-	Disbursed
	395L	Mrs. Khun Sokgach* (Project 3)	42.00	-	42.00	-	Disbursed
Preah Vihear	128L	Mr. Eang Khun (Project 2)	29.50	3.00	29.50	3.00	Disbursed
	334L	Mr. Chak Sean	19.00	-	15.00	-	Disbursed
Prey Veng	036L	Mrs. Pauch Kim	21.00	2.70	21.00	2.70	Disbursed
	239L	Mr. Chan Sothea (Project 2)	12.00	-	12.00	-	Disbursed
		Mr. Chan Sothea (Project 3)	5.00	-	5.00	-	Disbursed
	259L	Inter BP Solution Corporation	39.00	21.00	39.00	21.00	Disbursed

	269L	Mr. Kong Yorn (Project 2)	17.47	-	16.32	-	Disbursed
	299L	Mr. Ei Lihour	4.25	6.30	4.25	6.30	Disbursed
	336L	Mr. Heang Phally (Project 2)	36.55	-	36.55	-	Disbursed
		Mr. Heang Phally (Project 3)	23.25	-	23.25	-	Disbursed
	343L	Nhem Horn Electrical (Project 2)	29.30	7.05	29.30	7.05	Disbursed
		Nhem Horn Electrical (Project 3)	31.95	-	31.95	-	Disbursed
	355L	Mr. Chhor Veng Ngoun*	10.00	8.00	10.00	8.00	Disbursed
Pursat	033L	Chhuor Nguon Electricity Enterprise (Project 3)	15.00	-	15.00	-	Disbursed
	034L	Yen Youlay Electricity Enterprise (Project 5)	13.00	6.00	13.00	6.00	Disbursed
		Yen Youlay Electricity Enterprise (Project 6)	33.00	-	33.00	-	Disbursed
	052L	Nareth Electricity Development Enterprise	40.50	8.30	40.50	8.30	Disbursed
	125L	SVVT Electricity (Project 4)	20.00	1.00	20.00	1.00	Disbursed
	281L	Mr. Vong Sombo	22.00	-	22.00	-	Disbursed
	303L	SVRA Electricity Service Enterprise * (Project 6)	-	-	-	-	-
	331L	Mr. Lim Pak (Project 3)	24.00	-	24.00	-	Disbursed
	383L	Mrs. Khim Heang (Project 3)	36.00	-	36.00	-	Disbursed
		Mrs. Khim Heang (Project 4)	66.00	-	66.00	-	Disbursed
	397L	Mr. Pav Vuthea	27.00	-	27.00	-	Disbursed
Rattanak Kiri	291L	Mr. Samrith Horn	20.50	11.70	11.60	11.70	Disbursed
Siem Reap	083L	Mr. Yim Rithy	16.50	2.70	-	-	Project Closed
	129L	Mr. Chan Sok	19.91	12.85	19.91	12.85	Disbursed
	311L	Mrs. Heng Symuy (Project 2)	18.50	-	18.50	-	Disbursed
Preah Sihanouk	029L	Mr. Sok Thy (Project 2)	26.90	-	26.90		Disbursed
	120L	Mr. Chan Keat	1.80	-	1.80	-	Disbursed
	271L	Mr. Hung Huy (Project 3)	4.00	-	4.00	-	Disbursed
		Mr. Hung Huy (Project 4)	5.00	-	5.00	-	Disbursed
Stung Treng	395L	Mrs. Khun Sokgach* (Project 3)	8.00	-	8.00	-	Disbursed
Svay Rieng	268L	Mr. Khan Siden (Project 3)	32.00	18.20	32.00	18.20	Disbursed

	319L	Khmer Utility Trading (KUT) Company	16.00	-	16.00	-	Disbursed
Takeo	093L	Akissni Touk Meas Enterprise* (Project 4)	-	-	-	-	-
	101L	Phsar Thnal Bort Electricity Enterprise* (Project 3)	-	-	-	-	-
	212L	Mr. Ngeth Meng (Project 2)	9.70	-	9.70	-	Disbursed
	224L	Sokha Electricity** (Project 5)	-	-	-	-	-
	238L	Mr. Hou Veasna	5.00	2.00	-	2.00	Disbursed and Project Closed
Tboung Khmum	085L	Electricity Tbong Khmum Enterprise (Project 6)	33.00	-	33.00	-	Disbursed
	308L	Mrs. Phin Thai	18.37	2.62	18.37	2.62	Disbursed
	Total I		1,885.89	568.07	1,832.34	5,587.87	
			2,453.96		2,391.21		
Funded by Kreditanstalt für Wiederaufbau (KfW)							
Banteay Meanchey	105L	TNNT Electricity* (Project 3)	12.50	-	12.50	-	Disbursed
	401L	Mr. Tan Leang Sreng	10.00	-	10.00	-	Disbursed
Battambang	105L	TNNT Electricity* (Project 3)	-	-	-	-	-
Kampong Cham	023L	Mekong Smart Power* (Project 5)	35.00	-	35.00	-	Disbursed
	335L	Mrs. Khun Naykieng* (Project 4)	12.00	15.00	12.00	15.00	Disbursed
Kampong Chhnang	400L	Mr. Hong Sengkry	21.80	-	17.80	-	Disbursed
Kampong Speu	137L	Meng Sok Leng Construction and Electric* (Project 3)	37.00	20.00	37.00	20.00	Disbursed
		Meng Sok Leng Construction and Electric* (Project 4)	43.00	16.00	43.00	16.00	Disbursed
Kampong Thom	023L	Mekong Smart Power* (Project 5)	-	-	-	-	-
	111L	Mr. Kong Vun* (Project 2)	-	-	-	-	-
Koh Kong	279L	Mr. Khun Chantharith*	-	-	-	-	-
Kandal	137L	Meng Sok Leng Construction and Electric Co., Ltd* (Project 3)	-	-	-	-	-
		Meng Sok Leng Construction and Electric Co., Ltd* (Project 4)	-	-	-	-	-
	150L	Akissni Keansvay (Project 2)	21.00	-	21.00	-	Disbursed

	223L	L.M.K (Project 2)	24.40	-	24.40	-	Disbursed
	335L	Mrs. Khun Naykieng* (Project 4)	-	-	-	-	-
	355L	Mr. Chhor Veng Ngoun* (Project 2)	-	-	-	-	-
Kratie	395L	Mrs. Khun Sokgach* (Project 4)	20.00	34.00	20.00	34.00	Disbursed
Preah Vihear	409L	Mr. Eng Sotheavatana	18.00	-	18.00	-	Disbursed
Prey Veng	355L	Mr. Chhor Veng Ngoun* (Project 2)	23.00	10.00	23.00	10.00	Disbursed
Siem Reap	111L	Mr. Kong Vun* (Project 2)	10.90	-	10.90	-	Disbursed
Preah Sihanouk	279L	Mr. Khun Chantharith*	9.50	16.70	9.50	16.70	Disbursed
Stung Treng	395L	Mrs. Khun Sokgach* (Project 4)	-	-	-	-	-
Otdar Meanchey	388L	Mrs. Khiev Sophal (Project 2)	14.50	-	14.50	-	Disbursed
Tboung Khmum	085L	Electricity Tbong Khmum Enterprise (Project 7)	32.00	-	32.00	-	Disbursed
	Total II		344.60	111.70	340.60	111.70	
			456.30		452.30		
	Grand total		2,910.26		2,843.51		

Note: * Area of supply in 2 provinces and ** area of supply in 3 provinces.

Annex 9
List of villages covered under Program for Providing Assistance to Improve Existing and Develop Electricity
Infrastructure in Rural Areas, funded by EDC and KfW, in 2016

No.	Province/City	Village	Commune	District	License No.	Licensee
Funded by Electricité Du Cambodge (EDC)						
1	Banteay Meanchey	Preav Chas	Ou Beichaon	Ou Chrov	276L	Mr. Chun Rithy (Project 2)
		Beung Kchum	Souphi			
		Ansaom Chek, Tnot, Bour, Boslok, Soea	Soea			
		Ta Sorl, Peam Rong Po, Rong Ko Chong, Rong Ko Kandal, Rong Ko Daeum, Chamnaom Keut, Chamnaom Lech, Rongvien Lech, Rongvien Keut	Chamnaom	Mongkul Borei	324L	Mrs. Khiev Sokha* (Project 2)
		Praek Samrong, Daoun Mul, Chok Lech, Chok Keut, Kchum Chum, Kromaol, Tnol Bort, Rohat Tuek, Po Pir Daeum	Rohat Tuek			
		Ou Ruessei Kandal	Soea			
		Ou Preah	Chamnaom	Mongkul Borei	324L	Mrs. Khiev Sokha* (Project 3)
		Kantrab, Tnaot, Anlong Sar, Trolak Cheung	Phnum Lieb	Preah Netr Preah	351L	Mr. Tep Makara (Project 2)
		Pouy Cha	Teuk Chor			
		Kouk Rumchek	Srah Chik	Phnum Srok		
		Chamkar Kor, Kvay Lech, Thmei, Sleng, Bekchan Chas, Samrong	Svay Chek	Svay Chek	379L	Mrs. Keo Chhorvy (Project 2)
		Treas, Kouk Kakthen	Kouk Kakthen	Thma Puok	389L	Mrs. Men Chansokol (Project 2)
		Sras Chey, Trapeang Thlok, Banteay Chhmar Khang Tboung, Banteay Chhmar Khang Cheung, Kouk Samrong Keut, Kouk Samrong Lech, Pongro Ta Ley, Kouk Rith	Banteay Chhmar			
2	Battambang	Andaeuk Haeb, Svay Chour, Prey Ampo, Serei Vaon, Tvak	Andaeuk Haeb	Rotonak Mondol	069L	Mr. Nob Bin (Project 2)

		Kilo 38	Traeng					
		Boeng Sangkae, Ou Khmum	Sdau	Rotonak Mondol	069L	Mr. Nob Bin (Project 3)		
		Ou Day Kla	Snoeng	Banan				
		Anlong Svay	Ta Kream					
		Anlong Tamei, Chhork Po	Chheu Teal	Banan	117L	Mr. Dong Ly		
		Chrouy Sdau, Nikum Khnong, Nikum Khrav	Chrouy Sdau	Thma Koul	201L	Mr. Ou Chanrat (Project 2)		
		Chrey Thmei, Hay San	Chrey	Thma Koul	202L	Mrs. Kong Samon (Project 2)		
		Dambouk Bun	Ta Pun	Sangkae	262L	Mr. Tin Savet (Project 2)		
		Boeng Krosal, Peak Sbenk	Snoeng	Banan	275L	Mr. Koy Mach (Project 2)		
		Prolay 18	Prey Tralach	Rukhak Kiri	303L	SVRA Electricity Service Enterprise* (Project 6)		
		-	-	-	324L	Mrs. Khiev Sokha* (Project 2)		
		-	-	-	324L	Mrs. Khiev Sokha* (Project 3)		
		Sambour Meas	Snoeng	Banan	330L	Mr. Lonh Savan (Project 3)		
		3	Kampong Cham	Svay Reak, Trapeang Reang	Sour Saen	Prey Chhor	023L	Mekong Smart Power* (Project 4)
				Sragnae Tboung, Sen Sun Tboung	Sragnae			
Trapeang Thum, Svay Prey, Samraong, Ta Krith, Kandal Kaong, Vil, Sme	Samraong							
Klouk 4, Kes, Tuol Prech, Dei Krahaom	Mien							
Prey Srolav, Doung	Trapeang Preah							
Samnak Tboung	Baray							
Chrey Vien, Ou Kombot	Chrey Vien							
Krouy vat	Kor							
Andoung Ta Ong, Tuek Chegn, Andoung Day, Kleng Por	Preaek Krabau			Kang Meas	038L	Tnal Bek Chamkar Leu Electricity		
Mpey Pit, Samsib Bei, Ta Pum	Chamkar Andoung			Chamkar Leu				
Tnal Bek Keut, Tnal Bek Lech, Prormat Dei, Srae Pril, Chet Sib Pram Pir, Proenk	Svay Teab							
Srae Preang	Ta Prok							
Ou Pram Pir, Ou Pram, Meak 1, Meak 2, Meak 3	Preak Kok			Stueng Trang			057L	Mr. Chin Sohin

		Trapeang Boeng, Lech Vat, Pun Kandal, Tuol Thmar, Andoung Ta Loeng, Ou Ta Thouk	Thma Pun	Prey Chhor	241L	Mr. Ung Kimsean
		Ou Krovan, Svay Chour, Sou Chey	Chamkar Andoung	Chamkar Leu	256L	Mr. Te Kimsong
		Knar, Pongro, Damnak Ampil, Kdol	Sdaeung Chey	Cheung Prey	286L	Mrs. Sou Rong
		Kandal, A-reak, Tnot Bak, Proten	Trapeang Kor			
		Trapeang Pha'Av, Trapreang Tim, Pring Chum	Pring Chum			
		Komar, Trapeang Trom, Kokaoh, Chambak	Sampong Chey	Srei Santhor	335L	Mrs. Khun Naykieng* (Project 3)
		Pou	Svay Pou			
		Treas	Khmar Sa			
		Cheung Doenk, Chi Pray	Pram Yam	Chamkar Leu	376L	Mr. Lay Bunthoeun
		Bos Tlan	Svay Teab			
		Trapeang Chhouk, Sampor	Ta Ong			
4	Kampong Chhnang	Ta Pang, Boeng Knar, Svay Kong	Ponley	Baribour	040L	Mr. Mak Heat (Project 3)
		Pou Preah	Chak			
		Dork Pong, Trapeang Po	Khon Rang			
		Sala Khum	Popel	Rolea B'ier	096L	Mr. Un Sophal (Project 4)
		Chen, Chamkar Kley, Knong, Svay Chrum Thmei, Kreang Svay	Svay Chrum			
		Thmei, Pram Bei Chhom, Chheu Neak	Pongro			
		<u>Ta Ney, Kaoh Khtum, Kouk Pegn, Chi Prok</u>	Chieb	Tuek Phos	119L	Mr. Un Sothea (Project 4)
		<u>Trapeang Smach, Rolung, Rokar Tong</u>	Tuol Khpos			
		<u>Chi Pouk, Ngouy, Teang Ksach, Khvet Tuol Kleang, Tnal Keng</u>	Kbal Tuek			
		Ta Ney, Kaoh Khtum, Kouk Pegn, Chi Prang	Chieb	Tuek Phos	119L	Mr. Un Sothea (Project 5)
		Trapeang Smach, Rolung, Rokar Tong	Tuol Khpos			
		Chi Pouk, Ngouy, Teang Ksach, Khvet Tuol Kleang, Tnal Keng	Kbal Tuek			

		Krang Skear, Damnak Ampil, <u>Kdol</u> , Ou Lpov, Damnak Thnong	Krang Skear	Tuek Phos	300L	OSVR Trading (Project 7)
		Kdol, Damnak Kluong	Krang Skear	Tuek Phos	300L	OSVR Trading (Project 8)
		Anhchanh Rung, Damrei Kon, Andoung Rovieng	Anhchanh Rung	Baribour		
		Taing Trapeang, Tlouk Chrov	Pech Changva			
		Angkrong, Vat Sedthei, Pea Reay, Knach	Sedthei	Sameakki Mean Chey	415L	Mrs. Ker Varin*
		Mean Kor Keut, Mean Kor Lech, Srae Mkak	Tbaeng Khpos			
		Prey Ngiem, Taing Kley, Chrok Sangkae, Trapeang Tum Luab	Svay Chuk			
		Svay Kambit, Kraing Beng, Kraing DOUNG	Peam			
		Leach, Thnong	Ou Ruessei	Kampong Tralach	415L	Mrs. Ker Varin* (Project 2)
		Vat, Trapeang Chambok, Chamkar Svay, Boeng Kork	Longveaek			
		Luong, Trapeang Poipel, Sophi, Damnak Kei	Cheung Kreav	Rolea B'ier	416L	Mr. Or Joly
		Ou Ta Nes, Tbeng, Pa Hi	Andoung Snay			
		Srae Sa	Chhuk Sa	Kampong Tralach		
		Chambak Phaem, Prek Raing Hout	Saeb	Kampong Tralach	416L	Mr. Or Joly (Project 2)
		Trapeang Krapeu, No Neam Totoeng, Tuek	Tuek Hout	Rolea B'ier		
5	Kampong Speu	Ankor Ngieng, Trapeang Kchong	Tuol Ampil	Basedth	101L	Phsar Thnal Bort Electricity Enterprise* (Project 3)
		Sach Trey, Prey Rong	Pheari Mean Chey			
		Angkor Meas, Krabei Tram, Baing Na, Chongruk, Ka Yav, Boeng Taob Pchous	Chongruk	Kong Pisei		
		Balangk Reay Chea, Trapeang Mean, Prey Pum Nouk, Prey Ta Mouch	Snam Krapeu			
		Ang Kchay	Prey Vihear			

	Talat Thmei	Ou	Phnum Sruoch	136L	Mr. Men Kunthea (Project 4)
	Ti 1	Traeng Trayueng			
	Trapeang Phlong, Ping Pong, Doeuk Pieng, Tumnum Bak, Angkrong, Tuol Sambour, Pong Tuek, Trapeang Run	Damnak Reang	Odongk	137L	Meng Sok Leng Construction and Electric* (Project 2)
	Stock Slat, Cha Ork, Trapeang Kraling, Kraing A Rei, Prey Pril, Ang Ta Ek, Prey Koub, Trapeang Kompos	Phnum Touch			
	Chen Thmei, Kongrut	Peang Lvea			
	Trapeang Rumchek, Sour Sdei, Kveat, Chhek, Trapeang Skun, Trapeang Andoung, Trabaing Po, Maot Ou, Kandal	Peang Lvea	Odongk	155L	Sahakreas Aphivath Akisni Samrethkiry (Project 3)
	Kraing Sleng, Kraing Krouch, Kouk Char, Svay Plous	Prey Krasang			
	Po	Pneay	Samraong Tong	224L	Sokha Electricity** (Project 5)
	Prey Sya, Moha Kampheng 1, Moha Kampheng 2, Phlov Chrouk, Prey Chreav	Saen Dei	Samraong Tong		
	Dou Tri Ti Mouy, Do Tri Ti Pir	Roleang Kreul			
	Pralay Sa’Eth, Moha Leab, Bak Thmegn	Roleang Chak			
	Kraing Me Trey, Kraing Krouch, Kraing Tralach, Prey Pongro, Daun Ath, Tvay Dang Kum	Skuh			
	Thloulk, Srae Pring, Kandieng, Tuol, Ou Pril	Svay Rumpear	Basedth	386L	Mr. Ung Khunvathanak (Project 4)
	Trapeang Thloulk, Andoung Lvea, Trapeang Klom, Char, Prey, Pongro, Knach Kantout, Sdok, Po Poul	Svay Chacheb			
	Daun Penh, Ta Tov, Tuol Sala, Ta Am, Ro Ngieng, Srae Kle, Ou, Ang Say, Thloulk	Tuol Sala			
	Dot Kambor, Trapeang Sla, Boeng Chrab Khang Cheung, Boeng Chrab Khang Tboung, Prey Tkov, Prey Kla, Tuol	Preah Nipean	Kong Pisei	411L	Mr. Ung Khunvathana*

		Tnoung, Krabaov, Dork Po, Kouk, Kor, Thlong Kril, Prey Lvea, Boeng Kork, Kanchrob				
		Ta Raong	Roka Kaoh			
6	Kampong Thom	Prey Pril (A), Brasat, Romeang Gnaob, Trapeang Ruessei, Snor	Trapeang Ruessei	Kampong Svay	012L	Cam Chilbo Electric Power
		Dar, Thmei, Tuol Ampil, Neang La'or, Veal Ampil, Kdei Ta Chen, Prey Veng, Kiri Andet	Triel	Baray	019L	Mr. Te Kok Eng (Project 2)
		Damrei Slab, Andoung Po, Chivphieb	Andoung Pou			
		Kreul, Veal Touch, Serei Champa, Tranal, Tuol Tumpung, Han Tvea, Chroneang, Thmar Andet, Thla	Chrolong			
		Toung, Nek Vaing, Serei Sameakki Kandal, Serei Sameakki Tboung, Kouk Andet	Sralau			
		-	-	-	023L	Mekong Smart Power* (Project 4)
		Kouk Trea, Ksar Kong Tboung, Sambour Tboung, Ou Doung, Boat Trang	Msar Krang	Stoung	063L	Mr. Ong Hoksine (Project 2)
		Sapan	Kampong Chen Cheung			
		Svay Sar, Chi Youk, Kampong Chen, Yeam Tong	Kampong Chen Tboung			
		Bos Ta Ek, Ta Chor, Trea, Chraing Sar	Trea			
		Samprouch, Lvea, Slak Krach, Chambak Khpos, Trach Chrum	Samprouch			
		Sam Por, Preah Neagkoal, Rolieb	Chamnara Kraom			
		Kouk Trea, Kampong Prodom, Baot Trang, Prokieb	Msar Krang	Stoung	063L	Mr. Ong Hoksine (Project 3)
		Krasaing (Ka), Lbech, San Kor(Ka), San Kor(Kha), Sari, Chey, Prasat, Taing Krouch, Sampov Meas, Veal	San Kor	Kampong Svay	228L	Mr. Saeu Tienkok (Project 2)

		Tbaeng (Ka), Tbaeng (Kha), Ballangk, Ba Kong, Sro Ngae, Trach, Ta Ream	Tbaeng			
		Ponlier Chey, Pou, Chonlos, Beng, Banteay Sroung, Srom Dek, Kok Krous, Kouk Sandek, Slaka	Banteay Stoung	Stoung	354L	Mrs. Khun Nay Heak
		Bos Ta Som, Botum Lech, Kanstong Rong, Botum Keut, Kanteub	Rung Roeang			
		Phlouk, Kor, Lhong, Andoung Trom, Khlen, Srang, Trapeang Chor, Sandan	Chamnar Leu			
		Rolous, Kandal Chas, Kandal Thmei, Sophi, Brasat, Loenk, Siem Peay	Preah Damrei			
		Krous, Dang Pheak, Krobav, Ta Mum, Dang Ta Ek, Krou, Doung	Doung	Prasat Ballangk		
		Ta Pov, Lbeuk, Poun, Veal Thom	Kokir Thum	Baray	367L	Mr. Soeun Sophal (Project 3)
7	Kampot	Damnak Traob Khang Cheung, Damnak Traob Khang Tbound, Lve, Krang Rolous	Krang Svay	Chhuk	044L	Akisani Toek Chhou
		Sat Pong	Satr Pong			
		Prey Chheu Neang, Ta Mum, Trapeang Ta Sek, Srae Tbaeng	Baniev			
		Krang Sbov	Krang Sbov			
		Trapeang Bei, Trapeang Lbeuk	Trapeang Bei			
		Damnak Ampil	L'ang	Dang Tong		
		Trapeang Neal	Totung			
		So Peng, Svay Pha'Em, Tnot Roling, Popnhea Angkor	Vaot Angk Khang Chheung	Banteay Meas		
		Phnum Toch, Mean Rith	Kandal	Tuek Chhou		
		Bos Trabek, Ang	Trapeang Pring			
		Prey Noub, Kaoh Mak Praing	Boeng Sala Khang Cheung	Kampong Trach	093L	Akissni Touk Meas Enterprise* (Project 4)
		Chres	Boeng Sala Khang Tbound			
		Kaoh Ta Kov, Preah Tum Hoeng, Kaoh	Preaek Kroes			

		Tnot, Daeum Svay, Leak Chea, Prey Prous				
		Pral, Trapeang Kva	Tani	Angkor Chey	097L	Mr. Yin Ech (Project 2)
		Damnak	Khcheay Kahng Cheung	Dang Tong	225L	Mrs. Chann Sokim
		Chhlit Kraom, Chhlit Leu, Damnak Trayoeng	Khcheay Kahng Cheung			
8	Kandal	Kaoh Kor, Pouthi Ban	Svay Prateal	S'ang	049L	Eastern Power Supply Enterprise (EPOSE) (Project 5)
		Tkol	Traeuy Sla			
		Kbal Kaoh Toch, Chong Kaoh Toch	Ta Lon			
		Ruessei Srok, Boeng Khpob, Khpob Leu, Roka Leu	Khpob			
		Preaek Mrech, Kveng Andoung, Kampong Kor	Pouthi Ban	Kaoh Thum		
		Kbal Damrei	Kampong Kong			
		Preaek Talach, Chrouy Takeo	Chrouy Ta Kaev			
		Trapeang Chrey	Chheu Kmau			
		Preaek Chrey	Preaek Chrey	S'ang	049L	EPOSE (Project 6)
		Balat Chhoeng	Traeuy Sla			
		Preaek Sleng	Ta Lon			
		Kaoh Thmei	Khpob			
		Chrouy Snor, Preaek Chrey, Knar Tam You	Preaek Chrey	Kaoh Thum		
		-	-	-	137L	Meng Sok Leng Construction and Electric* (Project 2)
		Kouk Ov Loenk, Spean Thma, Svay Mean Lek, Doung	Spean Thma	Kandal Stueng	223L	LMK
		Kandal	Roluos			
		Ambeus, Parsmart, Chha Pourk, Krasaing	Cheung Kaeub			
		Ampov Prey, Tourk Ma	Kandook			
		Kantouy Tuek, Thmar, Kraing	Tien			
		Damnak Sangkae	Preaek Kampues			

		-	-	-	224L	Sokha Electricity** (Project 5)
		Taing Ruessei, Roka Pir, Roka Mouy, Chonlueng, Trea	Roka Chonlueng	Khsach Kandal	335L	Mrs. Khun Naykieng* (Project 3)
		-	-	-	355L	Mr. Chhor Veng Ngoun*
		Boeng, Trach	Roka	Kandal Stueng	411L	Mr. Ung Khunvathana*
		Daeum Reus, Tumsay Keach, Samar, Kraing Chek, Ou, Ten, Anlong Pring, Rolous, Prey Sat, Bang, Krouch Seuch, Mkak	Daeum Rues			
		-	-	-	415L	Mrs. Ker Varin*
		Peam Longveak	Kampong Luoung	Ponhea Lueu	415L	Mrs. Ker Varin* (Project 2)
9	Koh Kong	Phloun, Saray, Chrouy Svay Leu, Chrouy Svay Khang Keut, Chheu Neang, Kampong Sdam, Nesat, Phnum Sralav	Chrouy Svay	Srae Ambel	028L	Mr. Samrith Sothy (Project 2)
		Chi Tres, Brateal	Andaung Tuek	Botum Sakor	371L	Mr. Heng Huy
		Chamkar Leu, Srae Thmei	Thma Sa			
		Ta Noun	Ta Noun			
10	Kratie	Boeng Rey, Sralav Damnak, Ruessei Keo, Svay Chrum	Ruessei Kaev	Preaek Prasab	217L	Mr. Heang Pov (Project 2)
		Ksat	Ta Mau	Sambour	346L	Mrs. Chea Sokeng
		Srae Treng, Chork Hob, Ou Ta Noeng, Srae Sbov	Kbal Damrei			
		Tuol Traing, Ou Krieng	Ou Krieng			
		Ou Preah	Ou Krieng	Sambour	395L	Mrs. Khun Sokgach* (Project 3)
11	Preah Vihear	Tnal Keng	Rung Raeung	Rovieng	128L	Mr. Eang Khun (Project 2)
		Rovieng Cheung, Taing Trak, Tnot Mlou, Bak Kdoung	Robieb			
		Kampot, Sangkea Rung, Thkeng, Kok Poun	Rohas			
		Ta Ong, Damnak Chen, Trapeang Ruessei, Chambak Pha'Em	Reaksmei			

		Bos, DOUNG, Pa Hal	Rik Reay			
		Phnour Chrouk, Kuleaen Cheung	Kuleaen Cheung	Kuleaen	334L	Mr. Chak Sean
		Kuleaen Tboundg, Krabav	Kuleaen Tboundg			
		Phnov, Bos, Srabal	Phnum Penh			
		Dan	Thmei			
12	Prey Veng	Chrou Long, Chambak, Prasat, Bei, Dong Tong, Phnounge	Prasat	Kampong Trabaek	036L	Mrs. Pauch Kim
		Ta Or, Sambour, Ta Pong, Ansaong	Ansaong			
		Puthi Poat, Yieng Toch, Sla, Chi Phoch, Thmei	Chi Phoch	Me Sang	239L	Mr. Chan Sothea (Project 2)
		Phleang, Trakeat, Tbaeng	Trapeang Srae	Me Sang	239L	Mr. Chan Sothea (Project 3)
		Krasaing, Thmei	Chi Phoch			
		Trakeat, Tbaeng	Trapeang Srae			
		Kranhung, Kamchay Mear Tboundg, Kamchay Mear Cheung, Angkrong Ti Mouy, Angkrong Ti Pir, Sameakki, Kravanh, Pongro	Kranhung	Kamchay Mear	259L	Inter BP Solution Corporation
		Prey Thum, La'ork, Trapeang Skun, Pray Stou, Poun	Smaong Khang Tboundg			
		Pouthi Proenk, Trapeang Thlanh Cheung, Trapeang Thlanh Tboundg, Tnot, Andoung Sala	Preal	Kanhchriech		
		Andoung Trach, Boeng, Chan Kreusna, Tuol Tari, Trapeang Skun, Chres, Prech, Poun	Ches	Me Sang	269L	Mr. Kong Yorn (Project 2)
		Prey Rumdeng	Prey Rumdeng			
		Kouk Chres	Angkor Sar			
		Prey Prum, Trapeang Cham	Pou Ti	Sithor Kandal	299L	Mr. Ei Lihour
		Prey Pnov, Angkes Dei	Prey Pnov	Pea Reang		
		Ruessei Chour, Lpeach	Boeng Preah	Ba Phnum	336L	Mr. Heang Phally (Project 2)
		Svay Pouk, Kaley Cheung, Kaley Tboundg	Spueu Ka			
		Chanra Ka, Prey Chamkar, Thlork,	Spueu Kha			

		Chanra Kar, Prey Sva, Prey Prong			336L	Mr. Heang Phally (Project 3)
		Krous, Sambour	Prey Khnes	Me Sang		
		Ta Laoun, Prech, Kraing, Snol	Spueu Ka	Ba Phnum		
		Trapeang Preah 2	Prey Khnes	Me Sang		
		Beng, Prey Samraong	Prey Poun	Kampong Trabaek	343L	Nhem Horn Electrical (Project 2)
		Traouk, Trapreang Re, Pnov, Chrey, Dak Pou, Chambak, Saraong, Svay Pak	Chrey			
		Ta MOUNG, Trapreang Krasaing	Thkov			
		Kou Krork	Kou Khchak	Kampong Trabaek	343L	Nhem Horn Electrical (Project 3)
		Kroch, Kansoam Ak, Ballangk, Chroul, Tataing	Kansoam Ak			
		Thnong, Prey Pdav, Choun Mear, Chrak Svay, Boeng Tra Bor	Sdau Kaong	Ba Phnum		
		Veal Prov, Bak Dork	Preaek Chrey	Pou Rieng	355L	Mr. Chhor Veng Ngoun*
13	Pursat	Khmar Totueng, Damnak Thnong, Kombak Koun, Tuol Angkrong, Koah Krabei, Koah Vat	Khmar Totueng	Bakan	033L	Chhuor Nguon Electricity Enterprise (Project 3)
		Preah Mlou, Trach Krork	Boeng Khmar			
		Trapeang Chong, Koah Svay, Snay Tol, Thmei, Kabkralab	Trapeang Chong	Bakan	034L	Yen Youlay Electricity Enterprise (Project 5)
		Svay	Boeng Bat Kandal			
		Kamdoeng Meas, Anglong Mien, Pnov, Sameakki, Kmar	Snam Preah	Bakan	034L	Yen Youlay Electricity Enterprise (Project 6)
		Srae Lvea, Boeng Prey, Bakan	Trapeang Chong			
		Bat Kandal, Tram Ses	Boeng Bat Kandal			
		Dang Rung, Spien, Anglong Hab	Kaoh Chum	Kandieng	052L	Nareth Electricity Development Enterprise
		Pouthi Damnak, Boeng Ya, Tasdei	Veal			
		Plov Krabei, Anglong Vil, Prek Takong	Anlong Vil			
		Pouthi Vong, Svay Chan, Raong Machine, Boeng Kranch	Svay Luong			
		Snani, Yous, Prey Kdei Leu, Prey Kdei Kandal	Kandieng			

		Porpit, Tunsay Kol, Ou Ach Kok, Tuol Mkak, Choulong	Anlong Tnot	Krakor	125L	SVVT Electricity (Project 4)
		Thloeng, Puttream, Kraing Thum, Doung Chour	Ou Sandan			
		Savaon, Veal Vong	Sna Ansa			
		Srae Ruessei	Kbal Trach			
		Khsach La'Ith, Thkoul Toch	Ansa Chambak			
		Chamkar Chrey Khang Cheung, Chamkar Chrey Khang Tboung, Kraing Ro Ngieng, Kandal	Anlong Reab	Veal Veang	281L	Mr. Vong Sombo
		Pramouy, Tum Por, Stoeng Thmei, Phchoenk Chrum	Pramouy			
		-	-	-	303L	SVRA Electricity Service Enterprise * (Project 6)
		Svay Pak, Ou Srav, Say, Baktra	Prongil	Phnum Kravanh	331L	Mr. Lim Pak (Project 3)
		Kbal Teahien, Bamnak, Tien Prey, Phtesh Chek, Chheu Tep, Kandal	Chheu Tom	Krakor	383L	Mrs. Khim Heang (Project 3)
		Tuol Andet, Boeng Smok, Kamraeng	Svay Sa			
		<u>Kbal Teahien, Bamnak, Tien Prey, Phtesh Chek, Chheu Tep, Kandal</u>	Chheu Tom	Krakor	383L	Mrs. Khim Heang (Project 4)
		<u>Tuol Andet, Boeng Smok, Kamraeng</u>	Svay Sa			
		Chhaylok, Kandal, Ou Saom, Kien Chongrouk	Ou Saom	Veal Veang	397L	Mr. Pav Vuthea
14	Rattanak Kiri	Chrung, Dal, Pa Or	Keh Chong	Bar Kaev	291L	Mr. Samrith Horn
		Lout, Sou, Ngorl	La Minh			
		Mouy, Lung Kung, Saeng	Lung Khung			
		Yorm	Saeng			
15	Siem Reap	-	-	-	083L	Mr. Yim Rithy
		Boeng, Totoeng Thnay, Ruessei Lok	Ruessei Lok	Chi Kraeng	129L	Mr. Chan Sok
		Ou, Peak Spa, Prey Pros	Sangvaeuy			
		Kouk Yieng, Smach, Ta Poug, Ta Sok, Damrei Slab, Ta Srey	Saen Sokh	Kralanh	311L	Mrs. Heng Symuy

		Rumdeng	Tram Sasar	Srei Snam		(Project 2)
		Sleng Kung, Lbeuk, Pongro Bat Chan, Samraong, Klang Hay, Prei Mouy, Prey Pir, Krabav, Kroch Chmar	Prei			
16	Preah Sihanouk	Trapeang Moul, Chamkar Kavsour	Cheung Kou	Prey Nob	029L	Mr. Sok Thy (Project 2)
		Veal Thom, Veal Meas, Boeng Veng	Veal Renh			
		Samrong Kandal, Samrong Leu, Chong Ou	Samrong			
		Banteay Preu, Ou Trav	Andoung Thma			
		Mondul Mouy	Ou Treh	Stueng Hav	120L	Mr. Chan Keat
		Boeng Ta Srey, Boeng Ta Prum	Boeng Ta Prum	Prey Nob	271L	Mr. Hung Huy (Project 3)
		<u>Boeng Ta Prum</u>	<u>Boeng Ta Prum</u>	Prey Nob	271L	Mr. Hung Huy (Project 4)
		Ou Chrov	Ou Chrov			
17	Stung Treng	Ou Ruessei Kandal	Ou Ruessei Kandal	Siem Bouk	395L	Mrs. Khun Sokgach* (Project 3)
18	Svay Rieng	Sramor, Thmei, Prey Cha, Trapeang Chhouk, Trapeang Kampeus, Prey Sangkae	Khsaetr	Kampong Rou	268L	Mr. Khan Siden (Project 3)
		Samley Khang Tbound, Samley Khang Cheung, Ta Por, Svay Chek	Samlei			
		Ream Chour	Svay Ta Yean			
		Thom	Tnaot			
		Trapeang Run	Chres	Chantrea		
		Trapeang Phlong, Doung, Trapeang Sla, Traeang Svay	Doung	Romeas Haek	319L	Khmer Utility Trading (KUT) Company
		Trapeang Tbal, Boskoki, Trapeang Banteay, Trapeang Bos, Areak Svay	Andoung Pou			
19	Takeo	-	-	-	093L	Akissni Touk Meas Enterprise* (Project 4)
		Phsar Kum Ruessei, Taing Doung, Samraong Chrey, Prey Kray	Tang Doung	Bati	101L	Phsar Thnal Bort Electricity Enterprise* (Project 3)
		Proheak, Samraong, Trapeang Ruessei	Sour Phi			

		Knar Tung, Sdok, Cbar Mon	Komar Reachea	Samraong		
		Sameakki	Krang Leav			
		Svay Tong, Tuol Ta Chen, Boeng	Khvav			
		Ruessei Thmei, Chum Pou Preuk, Dang Hit, Veal, Angkor Veay, Samdach Poun	Kdanh	Prey Kabbas	212L	Mr. Ngeth Meng (Project 2)
		Vat Chambak	Tang Yab			
		-	-	-	224L	Sokha Electricity** (Project 5)
		Thlork Yol	Ponley	Angkor Borei	238L	Mr. Hou Veasna
20	Tbong Khmum	Damboun, Slab Kdoung, Chrak Chambak, Chub Krav, Chub Ti Mouy, Vil Kamdieng, Tuol Tril Cheung, Tuol Tril Tboung, Tuol Sambour, Andoung Lvea, Yeaysar	Chob	Tboung Khmum	085L	Electricity Tbong Khmum Enterprise (Project 6)
		Poun, Trapeang Krapeu, Cheung Khal, Mang Ti Pram Pir, Mang Ti Pram Mouy, Thnoung, Chi Peang, Pring, Trapeang Snor, Riv	Mong Riev			
		Roka Khmouch Cheung, Roka Khmouch Tboung, Chrouy Changvar	Chikor			
		Chambak, Pongro, Khnol	Neang Teut	Dambae	308L	Mrs. Phin Thai
		Trabek	Tuek Chrov			
		Taream, Kouk Sralav, Svay Pak, Ta Meak Thmei, Ta Meak Chas, Punlieak	Chong Cheach			
		Chheu Teal Chrum, Sieng Khvieng, Koukchar, Kouk Srok	Kouk Srok			
	20 Provinces	880 Villages	260 Communes	77 Districts		84 Licensees
Funded by Kreditanstalt für Wiederaufbau (KfW)						
1	Banteay Meanchey	Chamkar Lok, Phnum Thom Thmei	Ou Prasat	Mongkol Borei	105L	TNNT Electricity* (Project 3)
		Ou Sngaout, Prey Changha Lech, Andoung Lech, Andoung Keut	Banteay Neang			
		Chum Teav	Ruessei Kraok			
		Preah Srae, Kla Kam Chhae	Ta Lam			

		Thnoung Khang Tboung, Samraong, Pongro, Nam Tau, Kantourt, Chrab, Kouk Yieng, Kouk Chas, Thmei Khang Cheung, Thmei Khang Tboung, Sleng	Nam Tau	Phnum Srok	401L	Mr. Tan Leang Sreng
2	Battambang	-	-	-	105L	TNNT Electricity* (Project 3)
3	Kampong Cham	Prey Totoeng	Chrey Vien	Prey Chhor	023L	Mekong Smart Power* (Project 5)
		Bravas, Vatchas, Koma Reach, Chheubak, Chounlaot Day, Traeung	Boeng Nay			
		Tonlesar	Trapeang Preah			
		Trapeang Beng, Vatchas, Raong Kou, Kouk Sralau	Baray			
		Ta Ong	Ta Ong	Chamkar Leu		
		Svay	Svay Pou	Srei Santhor	335L	Mrs. Khun Naykieng* (Project 4)
		Pram Yam, Cheung Deuk	Pram Yam			
4	Kampong Chhnang	Kbal Koah, Ka’Ek Pong, Bek Chan, Kla Krahim, Bak Phnum, Veal Sbov, Kien Khleangk	Ampil Tuek	Kampong Tralach	400L	Mr. Hong Sengkry
5	Kampong Speu	Kouk Phnov, Chak Kambit, Dak Pou	Vao Sa	Samraong Tong	137L	Meng Sok Leng Construction and Electric* (Project 3)
		Bak Chen Chien, Bach Kangkeb, Trakeat, Thmar Bang, Rumdoul, Tuol Prech	Trapeang Kong			
		Raong Kou, Changkrandek, Andoung	Samraong Tong			
		Trapeang Veng Mouy, Trapeang Veng Pit, Kor, Sdok Pring, Praek Ta Chab, Trapeang Kantourt, Ampil Tuek, Thmar Kol, Angkhmau, Ta Pou, Trapeang Ruessei, Kob Chen	Sambour			
		Pal Hal, Doeuk Pieng	Chant Saen	Odongk	137L	Meng Sok Leng Construction and Electric* (Project 4)
		Raong Damrei	Phnum Touch			
		Ou Kraing Ambil, Prey Pdau, Trapeang Kchong, Rumlong, Sour Kae, Chheu Teal Leu	Trapeang Kong	Samraong Tong		
		Lor Kchoung, Ampil Tuek	Sambour			

6	Kampong Thom	-	-	-	023L	Mekong Smart Power* (Project 5)
		-	-	-	111L	Mr. Kong Vun* (Project 2)
7	Koh Kong	-	-	-	279L	Mr. Khun Chantharith*
8	Kandal	Anlong Kraviek, Beng, Lumhach, Boeng Tnal, Trapeang Kark, Chamkar Chen, Trapeang Tnaot, Chheu Boun	Mkak	Angk Snuol	137L	Meng Sok Leng Construction and Electric* (Project 3)
		Rumdech, Angkor Meas	Mkak	Angk Snuol	137L	Meng Sok Leng Construction and Electric* (Project 4)
		Titouy Pong, Chantrea Thmei, Lvi	Tuol Prech			
		Sereipeab, Traing Trach, Trapeang Chhouk, Kdan Rouy	Damnak Ampil			
		Praek Doung, Kampong Svay	Kampong Svay	Kien Svay	150L	Akissni Keansvay (Project 2)
		Rotaeang	Phum Thum			
		Slab Ta Oun, Chunlok Krau	Kokir			
		Sdau Kanlaeng	Dei Edth			
		Kchom, Kandal Leu, Kandal Krom	Banteay Daek	S'ang		
		Ruessei Chrouy, Praek Ta Chou	Svay Prateal			
		Praek Kampues, Praek Tloeng, Krang Svay, Srey Snom, Damnak Sangkae	Praek Kampues	Kandal Stueng	223L	L.M.K (Project 2)
		Krapeu Troum, Preah Thieat	Roluos			
		Praek Prasab	Praek Prasab	Khsach Kandal	335L	Mrs. Khun Naykieng* (Project 4)
		Chey Toch, TaKeat Lech, Preaek Thmei	Chey Thum			
		-	-	-	355L	Mr. Chhor Veng Ngoun* (Project 2)
9	Kratie	Ou Preah	Ou Krieng	Sambour	395L	Mrs. Khun Sokgach* (Project 4)
		Srae Chhouk	Roluos Mean Chey			
10	Preah Vihear	Sangkae, Sra'Em	Sangkae Mouy	Chhaeb	409L	Mr. Eng Sotheavatana
		Chheb Lech	Chhaeb Mouy			
		Dong Phlit	Chhaeb Pir			
11	Prey Veng	Sla, Prey Meas, Tnaot, Lvea, Chrey Krahim	Kampong Ruessei	Pea Reang	355L	Mr. Chhor Veng Ngoun* (Project 2)
		Pou Rieng Cheung, Pou Rieng Tboung	Pou Rieng	Pou Rieng		

		Bakdork, Anlong Trea	Preaek Chrey			
12	Siem Reap	Tato, Doun Sok	Kouk Thlok Kraom	Chi Kraeng	111L	Mr. Kong Vun* (Project 2)
		Sandan	Chi Kraeng			
		Prey Totoeng, Kbal Kdouch, Ballangk, Kouk Pumpil, Rumchey Chous	Lveaeng Ruessei			
13	Preah Sihanouk	Cham Srey	Kampong Seila	Kampong Seila	279L	Mr. Khun Chantharith*
		Stoeng Chras, Prey Braseth	Ou Bak Roteh			
		Samdech Ta, Boeng Trach	Chamkar Luong			
14	Stung Treng	-	-	-	395L	Mrs. Khun Sokgach* (Project 4)
15	Otdar Meanchey	Taben, Kouk Samrech, Rolumveng, Koul	Pongro	Chong Kal	388L	Mrs. Khiev Sophal (Project 2)
		Kouk Trang, Tanouk	Cheung Tien			
16	Tboung Khmum	Tuol Vihear, Tuol Boeng Tral	Chirou Ti Pir	Tboung Khmum	085L	Electricity Tbong Khmum Enterprise (Project 7)
		Ta Uy, Chouy Sralau	Tonle Bet			
		Andoung Lve, Tuol Treal Cheung, Chrak Chambak, Veal Kandieng	Chob			
		Chrouy Changva, Trapeang Krapeur	Mong Riev			
		Tuol Mean Chey, Thmei Kandal, Thmei Leu, Tuol Sambour, Kbal Tuek, Basrey, Tnal Kaeng, Tuol Pnau, Phnum	Preah Theat	Ou Reang Ov		
	16 Provinces	171 Villages	53 Communes	22 Districts		14 Licensees

Remark: Out of 1,051 there are 23 villages in which program with funding from both EDC and KfW were implemented.

Annex 10

Map showing the provinces for which REF provided assistance to improve existing and develop electricity infrastructure in rural areas, funded by EDC and KfW, in 2016

