



Electricité Du Cambodge
Department of Rural Electrification Fund



Report on
Transferring the Real Benefits to the Rural
Population for the Year 2017

Compiled by Department of the Rural Electrification Fund
2018

Preface

The Annual Report on Transferring the Real Benefits to the Rural Population of the Department of Rural Electrification Fund of Electricité Du Cambodge (herein after called “REF”) 2018 Edition is compiled from information for the Year 2017 available with REF related to mission, activities, licensees, other organizations and the achievements on Transferring the Real Benefits to the Rural Population of REF and information received from the Ministry of Mines and Energy (MME) related to Strategy and Plan for Development of Rural Electrification, Policy on Renewable Energy of the Royal Government of Cambodia (RGC) in the power sector.

This report is for dissemination to the RGC, institutions, donors, investors and public desirous to know about the activities of the REF in Transferring the Real Benefits to the Rural Population 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, institutions, donors, investors or public to improve this report 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:

- Have enough sources for supplying electricity to meet the demand in a sustainable and secure manner.
- To allow consumer to have easy access to electricity, the network has to cover all areas having demand of electricity throughout the country.
- To have enough capacity to supply electricity with sustainability and security.
- 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.

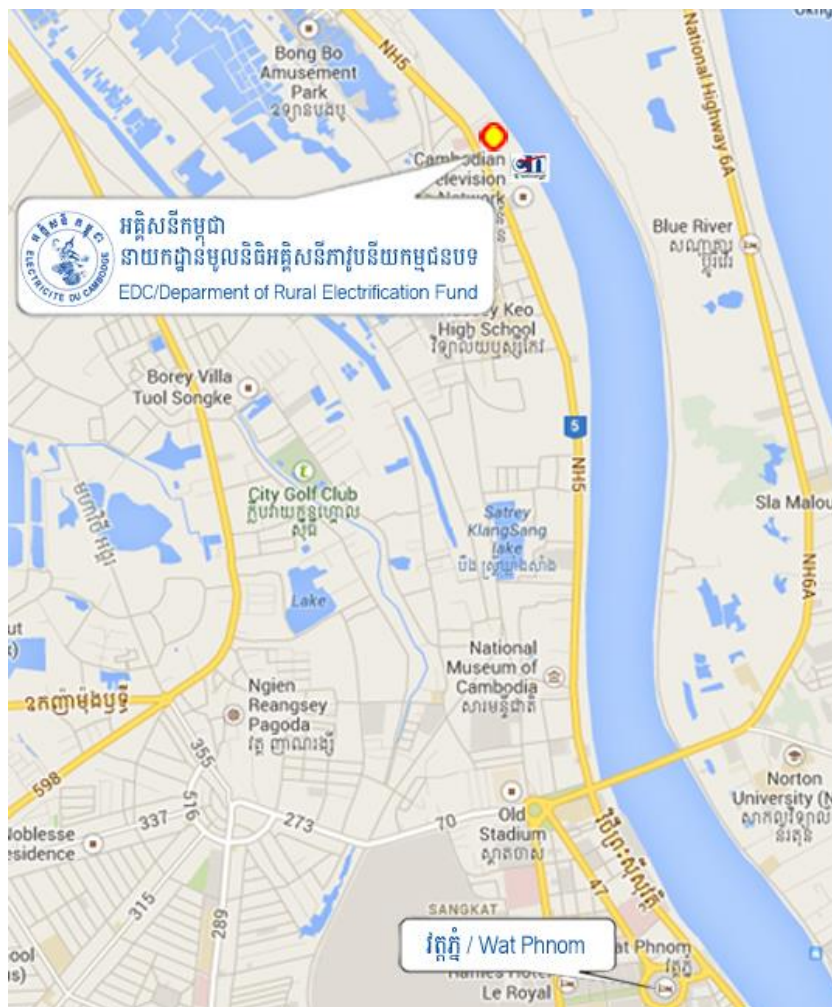


² Decision No. 0898 dated September 12, 2012 on the integration of REF institution in the management structure and organization of EDC.

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 2017, REF's funding is from EDC and Kreditanstalt für Wiederaufbau (KfW). During this year, EDC has provided a fund of \$52 million and KfW has provided a fund of \$2.6 million, totaling \$54.6 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.
6. Program for Promoting Access to Grid Electricity for ID Poor Households (P2P for ID Poor HH) under Output Based Aid (OBA)

Chapter 3

Information on Objectives, Mission and Program for Transferring the Real Benefits to the Rural Population 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 Real Benefits to the Rural Population

In 2017, REF is implementing the following programs:

3.3.1 Program for Power to the Poor (P2P)

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 Program for Solar Home System (SHS)

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.

3.3.6 Program for Promoting Access to Grid Electricity for ID Poor Households (P2P for ID Poor HH) under Output Based Aid (OBA)

The purpose of OBA Program is to facilitate the ID Poor Households (the eligible beneficiary) in rural areas by helping eligible low-income and vulnerable households to have access to electricity for their houses from grid supply by providing subsidy of USD 100 per household through the electricity suppliers to meet (i)- costs of materials and labor for the installation of

service wires for service line within a length of 150m from the connection point (meter on the pole) to its house, and (ii)- costs of materials and labor for the installation of in-house wiring.

Asian Development Bank (ADB) has provided a fund of \$1 million for implementation in six target provinces of Kandal, Kampong Cham, Tboung Khmum, Kampong Thom, Siem Reap, and Banteay Meanchey. The target number of the ID Poor HH beneficiaries under this OBA program is 10,000 HHs.

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-80Wp 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 installments 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-10Wp 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.

⁵ Decision 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.

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.

3.4.6 Criteria for Program for Promoting Access to Grid Electricity for ID Poor Households (P2P for ID Poor HH) under Output Based Aid (OBA)

Criterion for implementing the program is as follows:

A. Criterion for REEs

Criterion for REEs are as follows:

- Having license for providing electric power from Electricity Authority of Cambodia (EAC).
- Project is implemented in six target provinces of Kandal, Kampong Cham, Tboung Khmum, Kampong Thom, Siem Reap, and Banteay Meanchey, and hence REEs operating in rural area with grid supply in these provinces.
- Agree to provide connection only for 5A or 10A to the beneficiary.
- Agree to provide and install in-house wiring as follows:
 - 1 distribution board + DIN rail or wooden board.
 - Miniature Circuit Breaker (MCB): double pole rated at 10A.
 - 1 outlet socket: rated 10A.
 - 2 lamp/ sockets.
 - 2 switches.
 - 2 Energy efficient light bulbs (LED): min 5W, min 70 lumen per Watt
 - 20 metres of PVC copper cable 2x1.5mm²: 110 °C
 - Cable clips.
- Agree to provide and install service line as follows:
 - Provide and install PVC copper cable 2x2.5 mm² or PVC aluminium cable 2x25 mm² (below 100 meters aluminium cable is 2x10 mm² accepted).
 - Install wooden poles of minimum 4-5 metres height supplied by the beneficiary, and separated at a maximum length of 20-30 metres. Poles will be firmly founded in the ground.
- Guarantee that all materials provided and installed are new. The used materials will not be eligible to receive the subsidy for the connections.
- Agree to execute contract: (i)- two parties contract (REF and REE) for Subsidized Connections to Grid Electricity Supply for ID Poor Households under ADB-REF Output Based Aid Electricity Access Program; (ii) - three parties contract (REF, REE and Eligible beneficiary) for Subsidized Connections to Grid Electricity Supply for ID Poor Households under ADB-REF Output Based Aid Electricity Access Program, and (iii)- Related documents required by REF.

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

B. Criterion for ID Poor Household (Eligible beneficiary)

Criterion for ID Poor Household (HH) are as follows:

- ID Poor Household based on the Identification of Poor Households identified by the Ministry of Planning.
- HH not yet connected to the supply system.
- Living in the existing electrified rural areas in six target provinces of Kandal, Kampong Cham, Tboung Khmum, Kampong Thom, Siem Reap, and Banteay Meanchey.
- Households requiring service wires within a length of 150m from the connection point (meter on the pole) to its house.
- Have a stable house for safety of electrification.
- Agree to pay connection fee and deposit of an amount of 61,000 Riels for 5A or 122,000 Riels for 10A only.
- Agree to provide wooden poles of minimum 4-5 metres height erected, and separated at a maximum length of 20-30 metres.
- Agree to execute three parties contract (REF, REE and Eligible beneficiary) for Subsidized Connections to Grid Electricity Supply for ID Poor Households under ADB-REF Output Based Aid Electricity Access Program, and (iii)- Related documents required by REF.

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 2017 are as follow:

4.1 Program for Power to the Poor (P2P)

4.1.1 Progress, Achievement and Analysis of P2P Program

In 2017, 1 contract with one (1) licensee for providing new connections in rural areas under P2P program has been executed by REF are funded by KfW. The total target number of connections under this contract is 97 rural households (HH) and the achievement during 2017 is 134 HH (37 HH, the contract has been continued to execut by REF in 2016).

Provincewise summary information on execution of contracts funded by EDC and KfW under P2P Program in 2017 is given in **Annex 1**.

Above contracts 100% 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 2017 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 2017

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	Kratie	-	97	-	97
2	Svay Rieng	-	-	-	37
	Total	-	97	-	134

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 2017 is given in **Annex 2**.

In 2017, 134 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 616 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 2017 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 2017

No.	Province	Total number of villages (Census)	Number of villages in which P2P program was implemented	
			funded by EDC	funded by KfW
1	Kratie	250	-	5
2	Svay Rieng	690	-	6
Total		940	-	11

List of villages covered, under funding by EDC and KfW, by P2P Program in 2017 is given in **Annex 3**.

Map showing the provinces in which P2P Program under funding by EDC and KfW, is implemented in 2017 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.

Mrs. Chea Sokeng, license No. 346L for providing electricity service at some parts of Sambour District, Kratie Province





4.2 Program for Solar Home System (SHS)

Two types of SHS, (i)- SHS-80Wp and (ii)- SHS-10Wp, has been implemented in 2017. For SHS-80Wp materials are for sale to and installation at remote rural households. Whereas, SHS-10Wp materials are for donation to rural HHs at remote areas.

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

Program for 12,500 SHS-50Wp and 7,800 SHS-5Wp, totaling 20,300 SHS was initially planned to be implemented in 2016, but due to delay in the procurement process, installation of SHS under this program was carried out in 2017.

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 12,500 SHS-50Wp including collection of payback in installment and transportation and installation of 7,800 SHS-5Wp.

Provincewise information on 20,300 SHS installed to rural HHs in 2017 is given in **Table 3** below.

Table 3: Provincewise information on 20,300 SHS installed to rural HHs in 2017

No.	Province	Number of SHS installed
SHS-50Wp		
1	Battambang	1,804
2	Kampong Chhnang	2,554
3	Kampong Thom	1,083
4	Pursat	15
5	Siem Reap	2,142
6	Stung Treng	957
7	Preah Vihear	3,945
Total SHS-50Wp		<u>12,500</u>
SHS-5Wp		
1	Battambang	1,500
2	Pursat	5,800
3	Otdar Meanchey	500
Total SHS-5Wp		<u>7,800</u>
Grand Total		<u>20,300</u>

20,300 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 93,380 persons.

Provincewise total number of villages and villages where the 20,300 SHS were installed in 2017 is given in **Table 4** below.

Table 4: Provincewise total number of villages and villages where the 20,300 SHS were installed in 2017

No.	Province	Total number of villages (Census)	Number of villages access electricity through SHS
1	Battambang	799	38
2	Kampong Chhnang	562	36
3	Kampong Thom	737	25
4	Pursat	501	1
5	Siem Reap	923	25
6	Stung Treng	229	17
7	Preah Vihear	128	81
Total		3,879	223

List of villages in which 20,300 SHS have been installed in 2017 is given in **Annex 5**.

Map showing the provinces in which 20,300 SHS have been installed in 2017 is given in **Annex 6**.

Some photos of rural households with 20,300 SHS installation and Dissemination in 2017



4.2.2 Program for 10,000 SHS-80Wp and 4,000 SHS-10Wp, totaling 14,000 SHS (Program for implementation in 2017)

In 2017, EDC has executed a contract with Schneitec Co., Ltd, the successful firm in international competitive bidding, for supply of 7,000 SHS-80Wp, 2,500 SHS-10Wp and 3,500 battery 55Ah (funded by EDC) and these SHS materials are delivered to EDC in 2017. In 2017, EDC has executed another contract with Richgrid Technology Co., Ltd, the successful firm in international competitive bidding, for supply of 3,000 SHS-80Wp, 1,500 SHS-10Wp and 1,500 battery 55Ah (funded by KfW) and these SHS are delivered to EDC in 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 10,000 SHS-80Wp and transportation and installation of 4,000 SHS-10Wp, totaling 14,000 SHS. B.N.P. firm has also started its assignments under its contract in 2017.

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.

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 2017, REF has executed 90 contracts for providing assistance to improve existing and develop electricity infrastructure in rural areas with 87 licensees (3 licensees have executed 2 contracts). Out of these, 76 contracts with 73 licensees are funded by EDC and 14 contracts with 14 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 2017 is given in **Annex 7**.

Out of the 90 contracts, 100% target was achieved within the contract period for 69 contracts, whereas 19 contracts have been continued to implement in 2018 and 2 contract have 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 2017 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 2017

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	30.10	1.20	2.00	1.20
2	Battambang	20.80	19.20	20.80	19.20
3	Kampong Cham	145.91	37.40	100.10	21.09
4	Kampong Chhnang	67.47	42.90	51.29	42.90
5	Kampong Speu	89.034	58.401	83.674	42.151
6	Kampong Thom	18.70	-	-	-
7	Kampot	35.76	79.96	15.37	76.69
8	Kandal	52.245	7.14	38.34	12.91
9	Koh Kong	28.29	4.72	22.29	2.12
10	Kratie	25.00	-	10.00	-
11	Preah Vihear	26.30	3.00	-	-
12	Prey Veng	144.605	4.10	110.10	4.10
13	Pursat	103.00	1.50	99.13	1.50
14	Siem Reap	151.23	16.70	56.00	8.20
15	Preah Sihanouk	8.30	3.30	2.50	1.60
16	Svay Rieng	48.50	44.10	29.10	38.90
17	Takeo	147.35	50.42	98.40	23.05
18	Tboung Khmum	-	-	-	-
Total I		1,142.594	374.041	739.094	295.611
		1,516.635		1,034.705	
Funded by Kreditanstalt für Wiederaufbau (KfW)					
1	Kampong Chhnang	25.20	29.78	8.20	1.78
2	Kampong Speu	13.79	3.25	13.79	3.25
3	Kampong Thom	112.35	-	48.80	-
4	Kandal	21.51	6.08	16.70	6.08
5	Kratie	5.00	29.00	5.00	29.00
6	Preah Vihear	63.00	9.00	47.00	-
7	Prey Veng	57.89	18.00	2.89	-
8	Siem Reap	14.00	10.50	14.00	10.50
9	Stueng Treng	-	-	-	-
10	Otdar Meanchey	14.95	-	-	-
Total II		327.69	105.61	156.38	50.61
		433.30		206.99	
Grand total		1,949.935		1,241.659	

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 2017 is given in **Annex 8**.

In 2017, 87 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 in 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 2017 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 2017

No.	Province/city	Total number of villages (Census)	Number of villages access electricity	
			Funded by EDC	Funded by KfW
1	Banteay Meanchey	661	2	-
2	Battambang	799	13	-
3	Kampong Cham	916	56	-
4	Kampong Chhnang	562	32	7
5	Kampong Speu	1,358	33	12
6	Kampong Thom	738	-	26
7	Kampot	488	41	-
8	Kandal	912	59	26
9	Koh Kong	117	8	-
10	Kratie	250	1	1
11	Preah Vihear	229	-	20
12	Prey Veng	1,137	48	7
13	Pursat	501	26	-
14	Siem Reap	924	31	4
15	Preah Sihanouk	111	2	-
16	Stung Treng	128	-	-
17	Svay Rieng	690	32	-
18	Takeo	1,118	58	-
Total		11,639	442	103
Grant total			545	

Remark: Out of 545, there are 8 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 2017 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 2017 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.

Mrs. Men Chansokol (Project 3) having license No. 389L for Providing Electricity Service at Some parts of Thma Puok, Svay Chek, Phnum Srok and Preah Netr Preah District, Banteay Meanchey 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

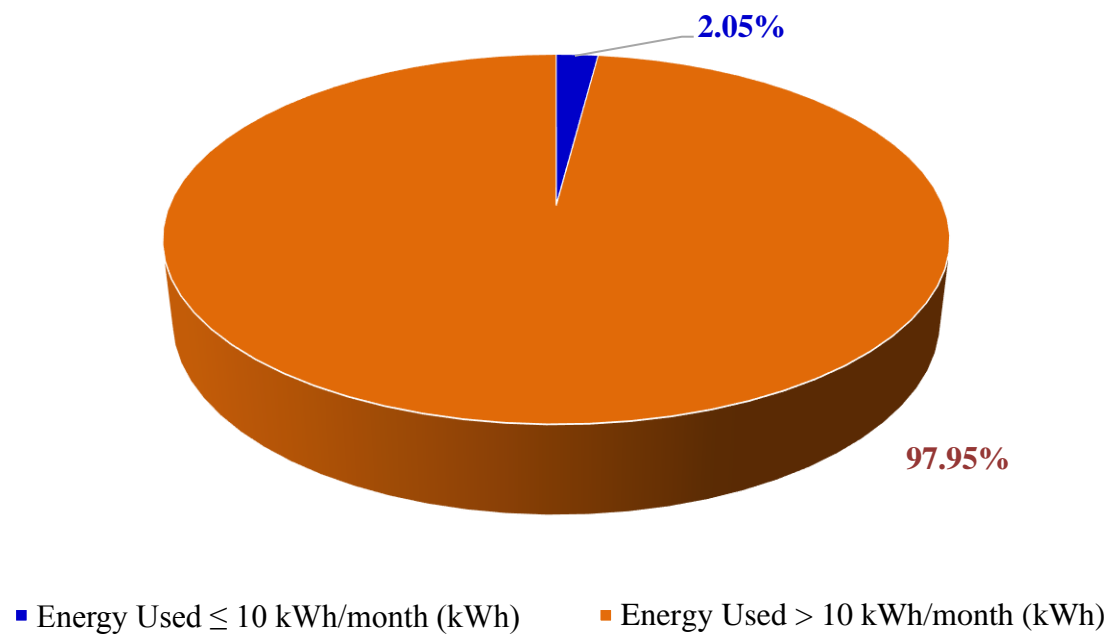
In 2017, out of the 252 licensees connected to the grid system, REF has provided subsidy to 285 licensees for reduction of tariff for sale of electricity in rural areas. 4 licensees have not furnished the required data and application for subsidy yet.

Provincewise summary information on number of customer and quantity of energy for which REF has disbursed subsidy to the licensees in 2017 for the cycle 2016 is given in **Table 7** and for the cycle 2017 is given in **Table 8** below.

Table 7: Provincewise summary information on number of customer and quantity of energy for which REF has disbursed subsidy to the licensees in 2017 (Cycle 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	15,889	54,892	303,054	8,727,034	70,781	9,030,088
2	Battambang	13,746	71,523	257,649	11,648,712	85,269	11,906,361
3	Kampong Cham	21,754	91,817	434,016	15,678,358	113,571	6,112,374
4	Kampong Chhnang	7,405	45,048	146,789	7,865,585	52,453	8,012,374
5	Kampong Speu	12,001	86,001	278,797	16,017,321	98,002	16,296,118
6	Kampong Thom	6,848	33,974	131,453	7,326,936	40,822	7,458,389
7	Kampot	15,444	54,866	380,610	10,187,836	70,310	10,568,446
8	Kandal	13,590	137,350	325,112	34,818,597	150,940	35,143,709
9	Koh Kong	809	4,834	16,248	1,063,221	5,643	1,079,469
10	Kratie	1,561	3,913	29,926	458,754	5,474	488,680
11	Phnom Penh	421	9,538	20,426	10,245,597	9,959	10,266,023
12	Preah Sihanouk	1,439	15,319	24,542	4,853,793	16,758	4,878,335
13	Prey Veng	17,634	74,931	385,341	8,937,370	92,565	9,322,711
14	Pursat	9,401	46,498	184,409	8,050,729	55,899	8,235,138
15	Siem Reap	10,590	41,475	223,400	7,473,773	52,065	7,697,173
16	Takeo	14,999	108,136	323,348	19,100,503	123,135	19,423,851
17	Otdar Meanchey	1,012	3,528	37,012	914,802	4,773	951,814
18	Tboung Khmum	7,873	20,752	175,915	2,599,375	28,625	2,775,290
Total		172,506	904,395	3,678,047	175,968,296	1,076,901	179,646,343

Graphic Show on Quantity of Energy Used ≤ 10 kWh/month and > 10 kWh/month Which Disbursed by REF in 2017 (Cycle 2016)



Graphic Show Customer Used Energy ≤ 10 kWh/month and > 10 kWh/month Which Disbursed by REF in 2017 (Cycle 2016)

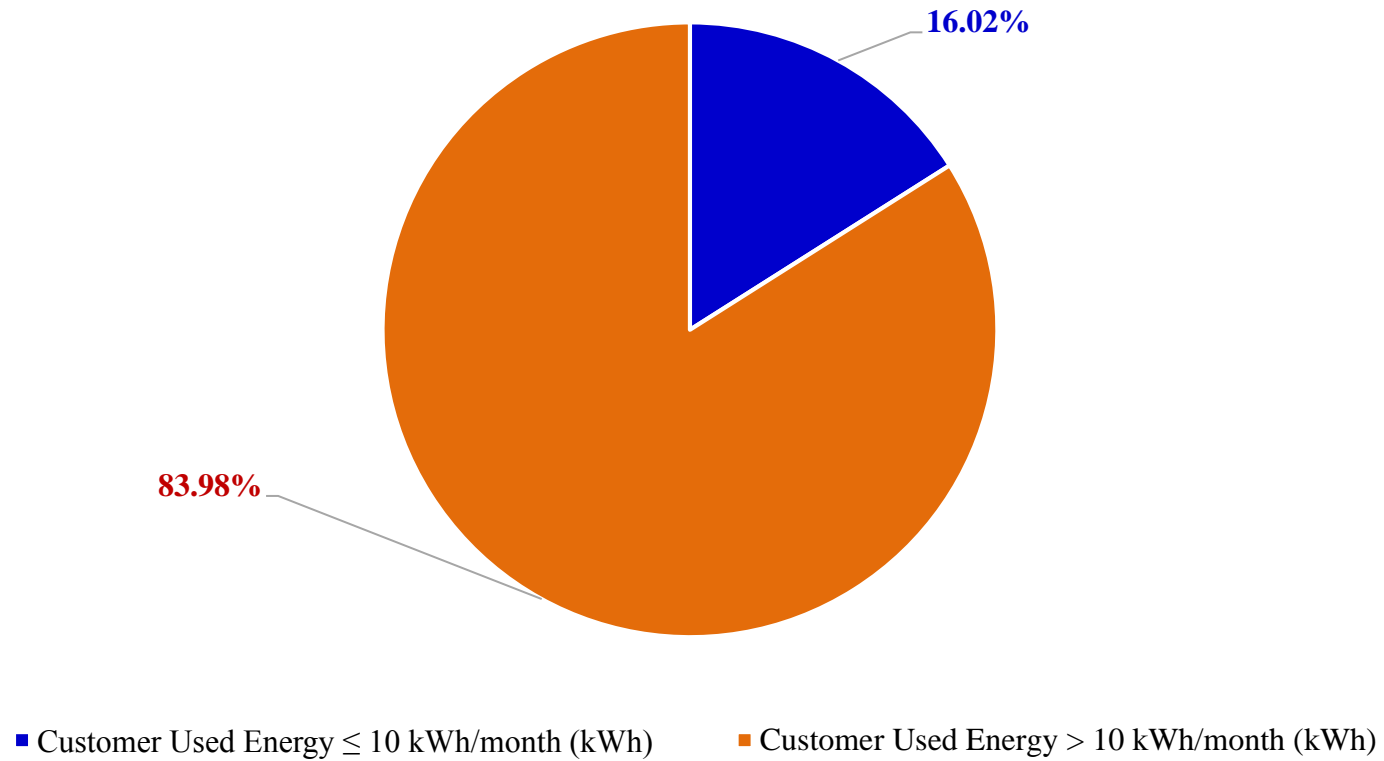
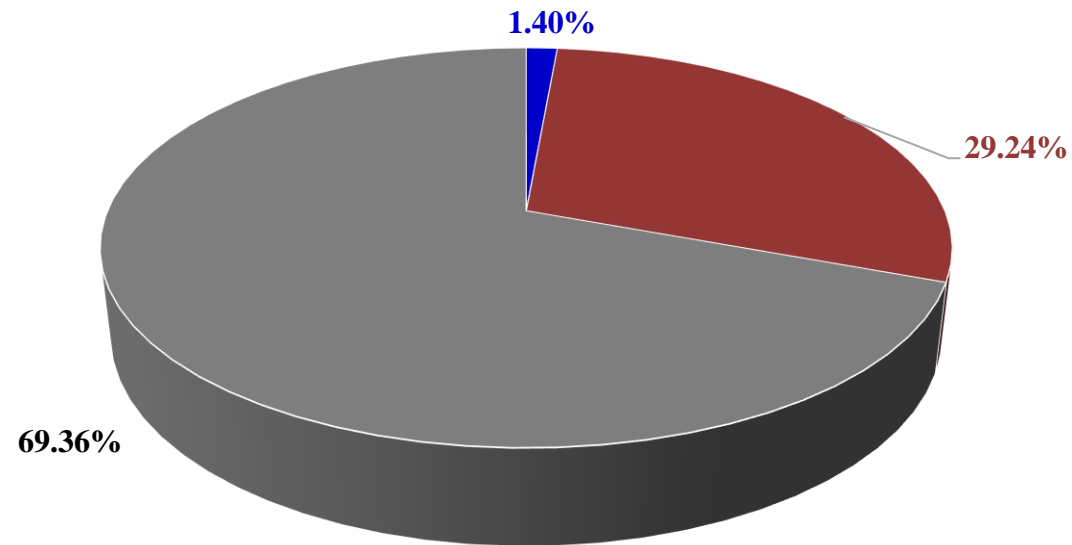


Table 8: Provincewise summary information on number of customer and quantity of energy for which REF has disbursed subsidy to the licensees in 2017 (Cycle 2017)

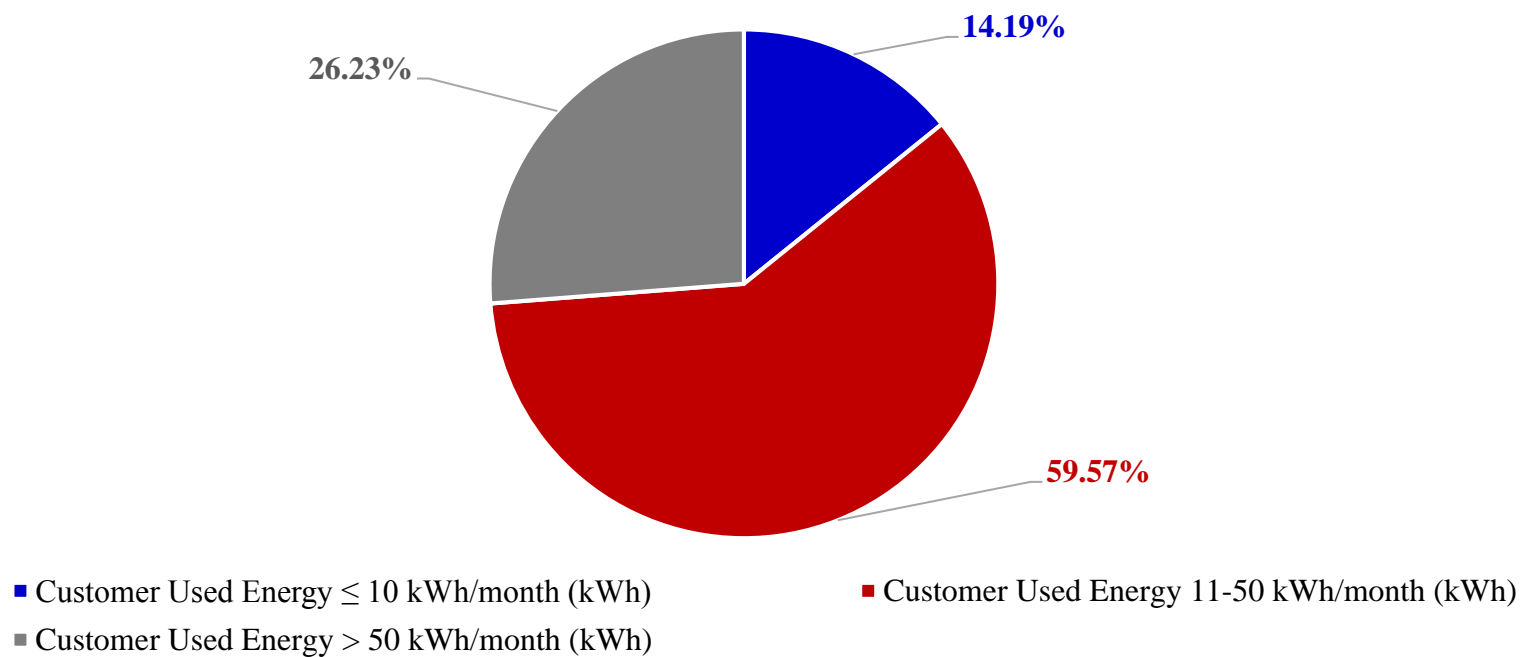
No.	Province/City	Number of customer and quantity of energy for which subsidy disbursed by REF						Total	
		Customer			Energy (kWh)			Customer	Energy (kWh)
		≤10 kWh/month	11-50 kWh/month	>50 kWh/month	≤10 kWh/month	11-50 kWh/month	>50 kWh/month		
1	Banteay Meanchey	12,968	43,636	16,048	553,275	9,807,200	17,170,942	72,652	27,531,417
2	Battambang	13,417	52,044	21,010	561,471	12,198,878	26,846,937	86,471	39,607,286
3	Kampong Cham	18,400	72,060	27,878	901,707	16,564,473	33,506,975	118,338	50,973,155
4	Kampong Chhnang	8,346	37,548	14,478	434,054	8,606,507	19,435,168	60,372	28,475,729
5	Kampong Speu	11,657	64,092	32,347	432,479	12,399,722	24,039,537	108,096	36,871,738
6	Kampong Thom	9,786	34,237	13,925	380,397	7,536,264	20,568,694	57,948	28,485,355
7	Kampot	16,136	45,159	15,413	693,643	10,125,433	20,257,205	76,708	31,076,281
8	Kandal	14,989	79,259	58,561	630,673	22,143,595	83,741,043	152,809	106,515,311
9	Koh Kong	1,069	4,283	2,575	45,744	1,034,809	3,927,672	7,927	5,008,225
10	Kep	522	2,530	3,401	14,575	536,780	4,335,590	6,453	4,886,945
11	Kratie	2,196	6,931	1,977	105,299	1,224,118	1,645,937	11,104	2,975,354
12	Pailin	565	2,264	2,197	18,145	633,207	4,735,121	5,026	5,386,473
13	Phnom Penh	129	1,132	943	4,984	285,066	2,126,634	2,204	2,416,684
14	Preah Sihanouk	1,741	8,224	7,840	65,449	2,228,749	10,192,158	17,805	12,486,356
15	Prey Veng	11,707	85,495	23,478	889,425	17,358,542	27,936,964	120,680	46,184,931
16	Pursat	9,264	35,554	15,415	433,837	7,922,926	21,854,063	60,233	30,210,826
17	Siem Reap	10,411	38,042	13,731	450,624	8,079,887	17,345,902	62,184	25,876,413
18	Svay Rieng	1,702	8,205	2,458	82,536	1,917,759	2,481,458	12,365	4,481,753
19	Takeo	15,358	78,580	34,113	650,587	18,852,917	38,428,650	128,051	57,932,154
20	Otdar Meanchey	1,551	4,329	1,109	61,723	815,946	1,524,423	6,989	2,402,092
21	Tboung Khmum	15,103	39,347	18,278	665,749	7,976,963	17,056,354	72,728	25,699,066
Total		177,017	742,951	327,175	8,076,376	168,249,741	399,157,427	1,247,143	575,483,544

**Graphic show on Quantity of Energy Used ≤ 10 kWh/month, 11-50 kWh/month and > 50 kWh/month
Which Disbursed by REF in 2017 (Cycle 2017)**



■ Energy Used ≤ 10 kWh/month (kWh) ■ Energy Used 11-50 kWh/month (kWh) ■ Energy Used > 50 kWh/month (kWh)

Graphic show Customer Used Energy ≤ 10 kWh/month, 11-50 kWh/month and > 50 kWh/month Which Disbursed by REF in 2017 (Cycle 2017)



4.5 Program for Providing Electricity for Pumping for Agricultural Irrigation Uses

The Royal Government of Cambodia (RGC) has the policy to provide electricity for pumping for agricultural irrigation at the concessional rate during night time for consumer given supply from the grid system. This program covers the supply of electricity for pumping for agricultural irrigation both during day time and during night time. The tariff will be time of use tariff. The tariff will be normal rate per kWh for use during day time from 7:00 a.m. to 9:00 p.m. and concessional rate per kWh for use during night time from 9:00 p.m. to 7:00 a.m.

In 2017, EDC, under this program, has been recruiting: (i) - the contractor for supplying and construction of electricity infrastructures and (ii) - the contractor for supplying the the prepaid Time of Uses (TOU) meter.

4.6 Program for Promoting Access to Grid Electricity for ID Poor Households (P2P for ID Poor HH) under Output Based Aid (OBA)

4.6.1 Progress, Achievement and Analysis of Program for Promoting Access to Grid Electricity for ID Poor Households under OBA

In 2017, 47 contracts with 39 licensees (1 licensee has executed 3 contracts and 6 licensees have executed 2 contracts) for providing new connections in rural areas under OBA Program to Promote Access to Grid Electricity for ID Poor Households (ID-Poor HH) have been executed by REF are funded by ADB. The total target number of connections under these 47 contracts is 9,454 ID-Poor HH and the achievement during 2017 is 2,791 ID-Poor HH.

Provincewise information on licensees who have executed contracts, funded by ADB, with REF for getting grant assistance to Promote Access to Grid Electricity for ID Poor Households in rural areas in 2017 is given in **Annex 11**.

The implementation of this OBA program had a late start. The 1st contract for providing new connection in rural areas between REF and REE was signed in April 2017. 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 ADB under OBA Program to Promote Access to Grid Electricity for ID Poor HH in 2017 is given in **Table 9** below.

Table 9: 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 ADB under OBA Program to Promote Access to Grid Electricity for ID Poor HH in 2017

No.	Province	Contracted target number of rural HH to be connected to supply system,)HH(Number of rural HH connected to supply system,)HH(
1	Banteay Meanchey	225	27
2	Kampong Cham	1,839	554
3	Kampong Thom	4,110	1,620
4	Kandal	205	200
5	Siem Reap	1,313	305
6	Tboung Khmom	1,762	85
	Total	9,454	2,791

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 ADB under OBA Program to Promote Access to Grid Electricity for ID Poor HH in 2017 is given in **Annex 12**.

In 2017, 2,791 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 12,839 persons.

This OBA Program to Promote Access to Grid Electricity for ID Poor HH has provided the much needed impetus to rural HH in getting electricity for use in the rural HHs.

Provincewise total number of villages and villages in which OBA Program to Promote Access to Grid Electricity for ID Poor HH was implemented in 2017 is given in **Table 10** below.

Table 10: Provincewise total number of villages and villages in which OBA Program to Promote Access to Grid Electricity for ID Poor HH was implemented in 2017

No.	Province	Total number of villages (Census)	Number of villages in which OBA program was implemented
1	Banteay Meanchey	661	7
2	Kampong Cham	916	51
3	Kampong Thom	738	149
4	Kandal	912	20
5	Siem Reap	924	56
6	Tboung Khmom	853	17
	Total	5,004	300

List of villages covered, under funding by ADB, by OBA Program to Promote Access to Grid Electricity for ID Poor HH was implemented in 2017 is given in **Annex 13**.

Map showing the provinces in which OBA Program under funding by ADB, is implemented in 2017 is given in **Annex 14**.

4.6.2 Site Inspection Activities on Implementation of OBA Program

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

**Mrs. Pen Channa having license No. 387L for Providing
Electricity Service at Some part of Kampong Svay and Prasat Balang Districts,
Kampong Thom Province**



Annex 1

Provincewise summary information on execution of contracts funded by EDC and KfW under P2P Program in 2017

Province	Area of supply	License No.	Name of Licensee	Source of Supply
Funded by Electricité Du Cambodge (EDC)				
-	-	-	-	-
Funded by Kreditanstalt für Wiederaufbau (KfW)				
Kratie	Some parts of Sambour District	346L	Mrs. Chea Sokeng	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 2017

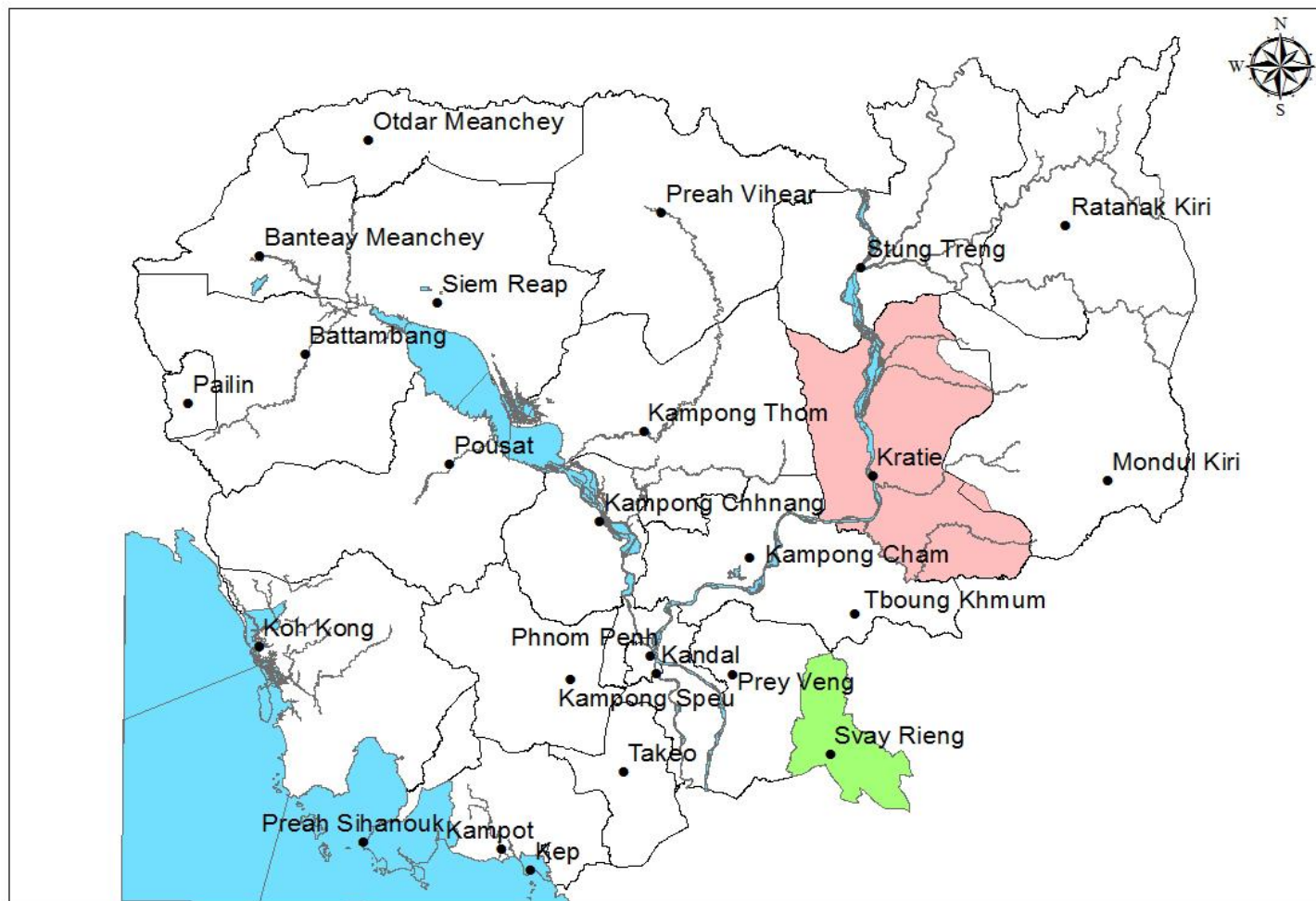
Province	License No.	Name of Licensee	Contracted target number of rural HH to be connected to supply system, (HH)	Number of rural HH connected to supply system, (HH)	Remark
Funded by Electricité Du Cambodge (EDC)					
-	-	-	-	-	-
Funded by Kreditanstalt für Wiederaufbau (KfW)					
Kratie	346L	Mrs. Chea Sokeng	97	97	Disbursed and Project Closed
Svay Rieng	268L	Mr. Khan Siden (Project 4)	-	37	Disbursed and Project Closed
Total			97	134	

Annex 3
List of villages covered, under funding by EDC and KfW, by P2P Program in 2017

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	Kratie	Srae Treng, O-Po, Bang Horb, O Ta Neung, Srae Sbov	Kbal Damrey	Sambour	346L	Mrs. Chea Sokeng
2	Svay Rieng	Prey Khnas, Samlei Khang Tboung	Samlei	Kampong Rou	268L	Mr. Khan Siden (Project 4)
		Teng Mao, Sen Tor, Kouk Taek, Chantrea	Chantrea	Chantrea		
	Total	11 Villages	3 Communes	3 Districts		

Annex 4

Map showing the provinces in which P2P Program under funding by EDC and KfW, is implemented in 2017



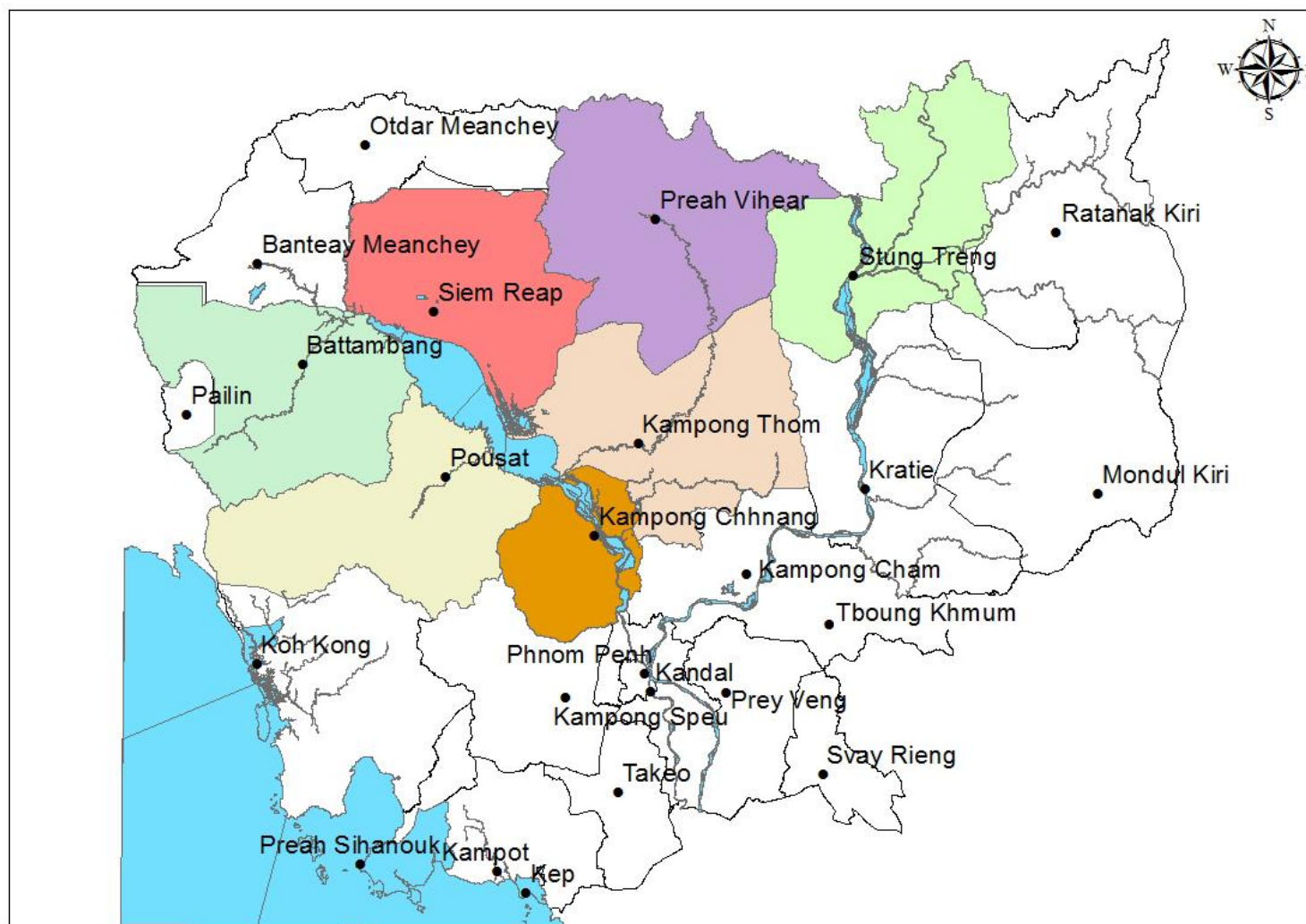
Annex 5
List of villages in which 20,300 SHS have been installed in 2017

No.	Province	Number of villages access electricity through SHS	Commune	District
1	Battambang	Prey Totung	Chhnal Mean	Koas Krala
		Kouk Roka	Doun Ba	
		Thmey	Kantueu Mouy	Banan
		Kampong Korl, Chaeng, Toul Thnong, Thoar, Boss Khnol, ROUNG	Chaeng Mean Chey	
		Ta Ngaen, O Slab Pang	Ta Kream	
		Boeng Krosal	Snoeng	Samlout
		Kandal, Kampong Lpov, Prey Thom, Stung Toch, Svay Chrum, Ou Chaom, Kandal, Ou Chaom Krom, Ou Chaom Leu, Ou Daum Chek	Kampong Lpov	
		Ou Ta Teak, Phnom Rey, Ta Taok, Peam, Peam Ta, Vil Rolim, Ou Nounong, Ou Treng, Ou Kroch	Ta Taok	
		Chamlong Romaing Krom, Chamlong Romaing Leu	Ou Samrel	
		Daun Treuk, Anlong Pork, Ou Tonteum	Ta Sanh	
		Kanchaing, Kandal	Sung	
		Samlout	Samlout	
2	Kampong Chhnang	Prey Ngam	Svay Chuk	Sameakki Mean Chey
		Kampong Boeng, Koah Khaek, Doun Viet, Thou Rolum	Kampong Hau	Kampong Leaeng
		Dar	Dar	
		Kampong Ous, Kien Ta Mar, Thmey, Kampong Ous Tbound, Kampong Ous Cheung, Prek Chdor	Kampong Ous	Chol Kiri
		Kampong Klach, Tonle Krav, Ruessei Dangouch	Chol Sar	
		Plorng	Peam Chhkaok	
		Koah Luot, Koah Sleng, Baot Trang, Kou Chrum	Kaoh Thkov	
		Chun Leav, Chor, Prey Sampov	Prasoeb	Rolea B'ier
		Kangmeas, Kanleng Phe	Kouk Banteay	
		Koah Kaev, Kampong Reang	Svay Chrum	
		Damrei Khoun, Andaong Rovieng, Anhchanh Rung	Anhchanh Rung	Baribour
		Kraing Kokoah, Tnol, Tuek Chraeb	Pech Changvar	
		Koah Ta Mov, Stung Chrouv	Kampong Preah Kokir	

		Thaom Yut	B'er	Krong Kampong Chhnang
3	Kampong Thom	Kampong Kou Krom, Khsach Chi Ros	Kampong Kou	Kampong Svay
		Serei Vong, Prey Preal (Kor), Prey Preal (Khor), Prasat, Snou, Lvea Chaom, Trapaing Thmor, Lvei, Krasaing	Trapeang Ruessei	
		Sambour	Prey Kuy	
		Kdei Doung	Kdei Doung	
		Prey Tub, Ta Theav	Chey	
		Ta Lek Chas, Ta Lek	Sala Visai	Prasat Ballangk
		Touk Pir	Kokir Thum	Baray
		Bak Sna Leu, Anduot	Bak Sna	
		Boeng Leas	Ou Kanthor	Krong Stueng Saen
		Rolous	Srayov	
		Anlong Thmar	Boeng Lvea	Santuk
		Trapaing Trum	Ti Pou	
		Trapaing Ruessei	Kraya	
		Chambak Chum	Prasat	
4	Preah Vihear	Thmea, Srae Vil, Pheak Roluek	Thmea	Chey Saen
		Chrach, Phluot, Phak Dei Wat, Chamreung, Pramol Pdom, Damnak Trach	Chrach	
		Tasu, Thmey, Samrong	Tasu	
		Peuk, Vil Bor	Putrea	
		Kuok, Tuek Lech	S'ang	
		Bos, Preus Khaork	Mlu Prey Pir	Chhaeb
		Sambour, Kaoluot, Choukchey	Sangkae Pir	
		Krasaing, Chhaeb Keut	Chhaeb Mouy	
		Kork Poun, Doun Ma, Polakam, Pril, Rumdaoh, Sanlong Chey, Sralav Srong, Samraong	Raksa	Rovieng
		Srae	Rieb Roy	
		Trapaing Tunteum, Ou Troulok, Rumdaeng, Toul Vieng	Romtum	
		Kuok Ampil, Tnal Kaong, Svay Pat, Aov Luek	Rumdaoh	
		Kraing Daong, Phnom Raeb, Anlong Svay	Preah Khleang	Tbaeng Mean Chey
		Pou, Pou Kheun, Sralav Toung	Pou	

		Bos Tom, Prame, Srae Praeng	Prame	Choam Khsant
		Sangkum Thmey, Saen Rung Roeung Pram	Tuek Kraham	
		Dechchor Morkaot, Robaouch, Saen DeckChes, Saen Rung Roeung Pir, Saen Rung Roeung Bei, Saen Rung Roeung Bourn	Morkaot	
		Kampech, Korng Yak, Cham Anteal, Yeang, Cham Srae, Raksmei, Anteal	Yeang	
		Kantuot, Char, Anlong Veng, Sok Saen Chey, Morkaot Dechchor	Kantuot	
		Choam Khsant, Veal Thom, Veal Por, An Ses, Chheu Teal Korng	Choam Khsant	
		Chambak Saen Chey, Deamcheat, Bangkol Prambei, Saen Chey, Bos Sbov, Stung Khiv, Stung Khiv Dechchor	Sra Em	
5	Pursat	Kampong Leu	Kbal Trach	Krakor
6	Siem Reap	Ta Yin, Ta Saeng	Snoul	Kralanh
		Veal, Kanhchon Roun	Prasat	Varin
		Kuok Krous, Rumdoul, Kuok Srok, Kuok Phnom, Varin	Varin	
		Lvea	Srae Nouy	
		Ruessei Thom, Ruessei Toch	Svay Sa	
		Saen Chey, Ou Ta Kok	Kantuot	Svay Leu
		Baot	Doun Peng	Angkor Chum
		Kuok Knang, Rovieng Thmey, Reach Chuntaol, Srae Kvao, Slat	Srae Khvar	
		Lbeuk, Ta Kam	Doun Kaev	Puok
		Chan Ta Say	Sasar Sdam	
		Skun	Tbaeng	Banteay Srei
7	Stung Treng	Koah Preah, Srae Krasaing	Kaoh Preah	Siem Bouk
		Kaing Daek, Sma Koah, Phuol, Svay	Kaoh Sralay	
		Siem Bouk, Ou Lang, Tun Saong	Siem Bouk	
		Koah Chrem, Tbong Kla, Ou Chalorng, Ampil Pir, Ou Mreas	Ou Mreah	
		Srae Daeng, Ou Ruessei Kandal	Ou Ruessei Kandal	
		Koah Kroch	Srae Krasang	
Total	7 Provinces	223 Villages	79 Communes	27 Districts

Annex 6
Map showing the provinces in which 20,300 SHS have been installed in 2017



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 2017

Province/ city	Area of supply	License No.	Name of Licensee	Source of Supply
Funded by Electricité Du Cambodge (EDC)				
Banteay Meanchey	Some parts of Preah Net Preah, Phnom Srok Districts	164L	Vattanak N.T. Angkor* (Project 2)	EDC
	Some parts of Krong Sereysophorn, Mongkultborey District	324L	Mrs. Khiev Sokha* (Project 4)	EDC
	Some parts of Thma Puok, Svay Chek, Phnum Srok and Preah Netr Preah District	389L	Mrs. Men Chansokol (Project 3)	EDC
	Khum Nam Tao, Phnom Srok District	401L	Mr. Tan Leang Sreng (Project 2)	EDC
Battambang	Some parts of Rotonak Mondol and Banan Districts	069L	Mr. Nob Bin (Project 4)	EDC
	Some parts of Banan, Thmarkol and Bavel Districts	270L	Electrical Otaki Trading (EOT) (Project 2)	EDC
	Some parts of Snoeng, Banan District	275L	Mr. Koy Mach (Project 3)	EDC
	Some parts of Khum Bansay Treng and Khum ROUNG Chrey, Thmar Kol District	283L	Mr. Srey Oun	EDC
	Some parts of Bovil and Thmarkol Districts	324L	Mrs. Khiev Sokha* (Project 4)	EDC
	Some parts of Khum Cheng Meanchey, Banan District	330L	Mr. Lonh Savan (Project 4)	EDC
Kampong Cham	Some parts of Prey Chhor, Kang Meas, Chamkar Leu, Stung Trang and Kampong Siem Districts	023L	Mekong Smart Power* (Project 6)	Electricity Skon-Chamkarleu
	Some parts of Chamkar Leu District	038L	Tnal Bek Chamkar Leu Electricity (Project 2)	Electricity Skon-Chamkarleu
	Some part of Cheung Prey District	047L	Sor Malis Electricity Enterprise	Electricity Skon-Chamkarleu
	Some parts of Stung Trang and Kampong Seam Districts	057L	Mr. Chin Sohin (Project 2)	EDC
	Khum Mesorchrey and Khum Sopheas, Stung Trang District	060L	Mrs. Eam Sreng	Electricity Skon-Chamkarleu
	Some parts of Chamkar Leu and Stung Trang Districts	075L	Mr. Chhay Kimhuor	Electricity Skon-Chamkarleu

	Some parts of Khum Sambor and Khum Chealea, Batheay District	216L	Sambo Electricity	TPLC Holdings
	Some parts of Cheung Prey District	286L	Mrs. Sou Rong (Project 2)	Electricity Skon-Chamkarleu
			Mrs. Sou Rong (Project 3)	
	Some part of Khum Araktnot and Khum Prek Kok, Steung Trang District	292L	Mr. Seng Kry	EDC
Kampong Chhnang	Some parts of Khum Lver, Koh Sotin District	295L	Branch of Sun-EEE PTE., LTD*	EDC
	Some parts of Boribou District	040L	M.H Electyricity (Project 4)	OSVR Trading
	Some parts of Chulkiri District	298L	Mr. Ke Saroeun	EDC
	Some parts of Kampong Tralach, Sameakki Mean Chey, Tuek Phos, Rolea B'ier and Baribour Districts	300L	OSVR Trading (Project 9)	EDC
	Khum Ampil Teuk and some parts of Khum Kampong Tralach, Kampong Tralach District	400L	Mr. Hong Sengkry (Project 2)	EDC
	Some parts of Kampong Tralach and Sameakki Mean Chey Districts	415L	Mrs. Ker Varin* (Project 3)	OSVR Trading
	Some parts of Kampong Tralach, Tuek Phos, Rolea B'ier and Sameakki Mean Chey Districts	416L	Mr. Or Joly (Project 3)	OSVR Trading
Kampong Speu	Some parts of Phnum Sruoch District	082L	AKISNY PICHNIL L.S.K Enterprise* (Project 3)	EDC
	Some parts of Odong District	099L	Lim Mov* (Project 2)	EDC
	Some parts of Kong Pisey and Basedth Districts	101L	Tov Chhinseng ** (Project 4)	EDC
	Some parts of Samraong Tong and Odongk Districts	137L	Meng Sok Leng Construction and Electric* (Project 5)	EDC
	Some parts of Samrong Tong and Kong Pisey Districts	154L	Mr. Uy Sophat*	EDC
	Some parts of Kongpisey District	219L	Mr. Phoeurn Saroeurn*	LMK
	Some parts of Phnum Sruoch and Oral Districts	237L	Mr. An Saman (Project 2)	EDC
	Some parts of Odongk District	278L	Mr. Ou Bunly* (Project 2)	Meng Sok Leng Construction and Electric
Kampong Thom	Some parts of Baray District	023L	Mekong Smart Power* (Project 6)	Electricity Skon-Chamkarleu
	Some parts of Santuk and Baray District and Krong Stoeng Saen	073L	Mr. Treung San (Project 2)	BVC Power Development

	Some parts of Stoung District	111L	Mr. Kong Vun* (Project 3)	KTC Cable
Kampot	Some parts of Chhouk, Chumkiri, Angkor Chey, Banteay Meas, Dorn Tong, Toek Chhou and Kampong Trach Districts	044L	Akisani Toek Chhou (Project 2) Akisani Toek Chhou (Project 3)	EDC
	Some parts of Chum Kiri District	082L	AKISNY PICHNIL L.S.K Enterprise* (Project 3)	EDC
	Some parts of Chum Kiri District	197L	Electricity Ang Roka Enterprise* Electricity Ang Roka Enterprise* (Project 2)	EDC
	Some parts of Dorn Tong and Kampong Trach Districts	225L	Mrs. Chann Sokim (Project 2)	Akissni Touk Meas Enterprise
Kandal	Some parts of Ang Snoul District	061L	Electricity Ang Snoul Enterprise	EDC
	Some parts of Ponhealeu and Ang Snoul Districts	099L	Lim Mov* (Project 2)	EDC
	Some parts of Kandal Stung District	101L	Tov Chhinseng ** (Project 4)	EDC
	Some parts of Angsnoul District	137L	Meng Sok Leng Construction and Electric* (Project 5)	EDC
	Some parts of Keansvay, Sa-Ang and Lvea Em Districts	150L	Akissni Keansvay (Project 3)	EDC
	Some parts of Kandal Stung District	154L	Mr. Uy Sophat*	EDC
	Khum Prek Ampil, and Khum Pukruessei, Khsach Kandal District	209L	Mr. Sok Pin	TPLC Holdings
	Some parts of Kandal Stung District	219L	Mr. Phoeurn Saroeurn*	LMK
	Some parts of Khum Prek Tamak, Khsach Kandal District	230L	Mrs. Thauv Vorun (Project 2)	TPLC Holdings
	Some parts of Popnhea Leu District	278L	Mr. Ou Bunly* (Project 2)	Meng Sok Leng Construction and Electric
	Some parts of Lvea Em District	355L	Mr. Chhor Veng Ngoun* (Project 3)	EDC
	Khum Kampong Luong, Ponhea Leur	415L	Mrs. Ker Varin* (Project 3)	OSVR Trading
Koh Kong	Some parts of Srae Ambel District	028L	Samreth Sothy Enterprise (Project 3)	EDC
	Khum Koh Sdech, Kirsakor District	106L	Mrs. Ann Samlan	EDC
	Some parts of Khum Boeng Phreav, Sre Ambil District	358L	Mrs. Pheav Chhaysory*(Project 2)	EDC
	Some parts of Thmar Baing District, Khum Chkhor Leu, Sre Ambel District and Khum Trapaing Rong,	418L	Mrs. Chheng Touch	EDC

	Koh Kong District			
Kratie	Some parts of Sambour District	346L	Mrs. Chea Sokeng (Project 2)	EDC
Preah Vihear	Some parts of Tbeng Mean Chey District and Krong Preah Vihear	031L	Akisni Preah Vihear	EDC
Prey Veng	Some parts of Kampong Trobek District	247L	Akisni Kraul Kou Company*	EDC
	Some parts of Sithor Kandal	295L	Branch of Sun-EEE PTE., LTD*	EDC
	Some parts of Kanhchriech	310L	Mr. Srin Chhorn* (Project 3)	EDC
	Some parts of Me Sang and Ba Phnum Districts	336L	Mr. Heang Phally (Project 4)	EDC
	Some parts of Kampong Trabaek, Ba Phnum, and Me Sang Districts	343L	Nhem Horn Electrical (Project 4)	Vietnam
	Some parts of Porieng and Pearaing Districts	355L	Mr. Chhor Veng Ngoun* (Project 3)	EDC
Pursat	Some parts of Phnum Kravanh District and Pursat City	124L	Ear Laysean Krovanh Electricity Enterprise (Project 3)	EDC
	Khum Pramouy and Khum Anlong Reap, Veal Veng District	281L	Mr. Vong Sombo (Project 2)	EDC
	Khum Ta Lou, Bakan District	332L	Mr. Nhean Vatana (Project 3)	EDC
	Some parts of Khum Svay Sa, Khum Chheu Tom, Krakor District	383L	Mrs. Khim Heang (Project 5)	EDC
Siem Reap	Some parts of Pourk, Angkor Chum and Angkor Thom Districts	035L	Vonn Vireak Service	EDC
	Some parts of Sotnikum District	083L	Mr. Yim Rithy	KTC Cable
	Some parts of Chikreng District	111L	Mr. Kong Vun* (Project 3)	KTC Cable
	Some parts of Chikreng and Sotnikum Districts	129L	Mr. Chan Sok (Project 2)	KTC Cable
	Some parts of Pouk, Kralanh Districts	164L	Vattanak N.T. Angkor* (Project 2)	EDC
	Some parts of Sotnikum, Chikreng and Svay Leu Districts	183L	Mrs. Meas Keav	KTC Cable
	Some parts of Banteay Srey District, Khum Sre Nouy, Varin District, Some parts of Khum Kantuot, Svay Leu District	240L	Mrs. Long Kimheng*	EDC
	Khum Khvav, Chikreng District and some parts of Svay Leu District	426L	Mr. Laing Neang	EDC
Preah	Some parts of Preynob District	029L	Mr. Sok Thy (Project 3)	EDC

Sihanouk	Some parts of Khum Ream, Prey Nob District	098L	Mr. San Ke	EDC
	Some parts of Khum Chamkar Luong, Khum Stung Chhay and Kampong Sela District	358L	Mrs. Pheav Chhaysory*(Project 2)	EDC
Svay Rieng	Some parts of Kampong Rou and Chantrea District	247L	Akisni Kraul Kou Company*	EDC
	Some parts of Svay Chrum District	268L	Mr. Khan Siden (Project 4)	EDC
	Some parts of Romeas Haek District	319L	Khmer Utility Trading KUT) Company (Project 2)	EDC
Takeo	Some parts of Bati and Samraong Districts	101L	Tov Chhinseng ** (Project 4)	EDC
	Some parts of Samraong and Angkor Borei Districts	178L	Seng Vuthy Electricity Enterprise (Project 2)	LMK
	Some parts of Samraong District and Tramkork District	188L	Mr. Lim Sisophorn (Project 4)	EDC
	Khum Kampong Krasaing, Boreycholsar District	194L	Mr. Rov Trorhuot	Mr. Mak Khom
	Some parts of Tramkork District	197L	Electricity Ang Roka Enterprise*	EDC
			Electricity Ang Roka Enterprise* (Project 2)	
	Some parts of Prey Kabas District	212L	Mr. Ngeth Meng (Project 3)	LMK
	Some parts of Angkor Borei District	265L	Mr. Keo Sarade	LMK
	Khum Prey Yutka, Kaoh Andet District and Khum Chouk Chey, Borey Cholsa District	373L	Mr. Chuon Tom (Project 3)	Electricity Kirivong Enterprise
Otdar Meanchey	Some parts of Anlong Veng	240L	Mrs. Long Kimheng*	EDC
Tboung Khmum	Some parts of Ou Reang Ov, Tboung Khmum and Ponhea Kraek District	310L	Mr. Srin Chhorn* (Project 3)	EDC
Funded by Kreditanstalt für Wiederaufbau (KfW)				
Kampong Chhnang	Some parts of Rolea B'ier District	095L	Mrs. Chan Simoly (Project 2)	OSVR Trading
	Some parts of Tuek Phos District	119L	Mr. Un Sothea (Project 6)	OSVR Trading
Kampong Speu	Some parts of Odongk, Thpong and Samraong Tong District	155L	Sahakreas Aphivath Akisni Samrethkiry (Project 4)	EDC
	Some parts of Odongk District	278L	Akisny Chrey Loas** (Project 3)	Meng Sok Leng Construction and Electric
Kampong Thom	Khum San Kor and Khum Tbeng, Kampong Svay District	228L	T.K.T.D Electricity Enterprise (Project 3)	BVC Power Development

	Khum Kroya, Khum Sakream ang Khum Phan Nheum, Balang District	368L	Miss. Tan Kimbouy	BVC Power Development
	Some part of Kampong Svay and Prasat Balang Districts	387L	Mrs. Pen Channa (Project 2)	BVC Power Development
Kandal	Some parts of Kandal Stung	266L	Mrs. Sor Sa Un	LMK
	Some parts of Khsach Kandal and Lvea Em District	272L	Sahakreas Akisani Kampong Chamlong Bakdav*	TPLC Holdings
	Some parts of Ponhealeu and Ang Snuol Districts	278L	Akisny Chrey Loas** (Project 3)	Meng Sok Leng Construction and Electric
Kratie	Some parts of Sambour District	395L	Mrs. Khun Sokgach* (Project 5)	EDC
Phnom Penh	Khan Prek Pnov	278L	Akisny Chrey Loas** (Project 3)	Meng Sok Leng Construction and Electric
Preah Vihear	Some parts of Sangkum Thmey, Roveang, Tbeng Meanchey, Chey Saen Districts and Krong Preah Vihear	329L	Mrs. Teang Bonika	BVC Power Development
Prey Veng	Special Purpose Transsmission 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 (Project 2)	EDC
	Pearang District	272L	Sahakreas Akisani Kampong Chamlong Bakdav*	TPLC Holdings
Siem Reap	Some parts of Banteay Srey District, Khum Sre Nouy, Varin District, Some parts of Khum Kantuot, Svay Leu District	240L	Mrs. Long Kimheng* (Project 2)	EDC
Stung Treng	Some parts of Siem Bouk, Sesan District and Stung Treng City	395L	Mrs. Khun Sokgach* (Project 5)	EDC
Takeo	Some parts of Tramkork District	121L	Mr. Nget Soda	EDC
Otdar Meanchey	Some parts of Anlong Veng	240L	Mrs. Long Kimheng* (Project 2)	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 2017

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	164L	Vattanak N.T. Angkor* (Project 2)	-	-	-	-	-	
	324L	Mrs. Khiev Sokha* (Project 4)	2.00	1.20	2.00	1.20	Disbursed	
	389L	Mrs. Men Chansokol (Project 3)	17.00	-	-	-	On going	
	401L	Mr. Tan Leang Sreng (Project 2)	11.10	-	-	-	On going	
Battambang	069L	Mr. Nob Bin (Project 4)	9.00	6.00	9.00	6.00	Disbursed	
	270L	Electrical Otaki Trading (EOT) (Project 2)	4.80	4.40	4.80	4.40	Disbursed	
	275L	Mr. Koy Mach (Project 3)	4.00	2.80	4.00	2.80	Disbursed	
	283L	Mr. Srey Oun	2.00	4.00	2.00	4.00	Disbursed	
	324L	Mrs. Khiev Sokha* (Project 4)	-	-	-	-	-	
	330L	Mr. Lonh Savan (Project 4)	1.00	2.00	1.00	2.00	Disbursed	
	Kampong Cham	023L	Mekong Smart Power* (Project 6)	38.00	-	38.00	-	Disbursed
		038L	Tnal Bek Chamkar Leu Electricity (Project 2)	16.40	-	16.40	-	Disbursed
047L		Sor Malis Electricity Enterprise	9.72	4.85	8.82	4.85	Disbursed	
057L		Mr. Chin Sohin (Project 2)	3.6	6.95	-	-	On going	
	060L	Mrs. Eam Sreng	8.66	1.10	-	-	On going	
	075L	Mr. Chhay Kimhuor	5.85	1.16	4.95	1.04	Disbursed	
	216L	Sambo Electricity	9.00	10.20	9.00	10.20	Disbursed	
	286L	Mrs. Sou Rong (Project 2)	12.90	5.00	11.90	5.00	Disbursed	
		Mrs. Sou Rong (Project 3)	29.53	8.14	-	-	On going	
	292L	Mr. Seng Kry	12.25	-	11.03	-	Disbursed	
	295L	Branch of Sun-EEE PTE., LTD*	-	-	-	-	-	
	Kampong Chhnang	040L	M.H Electyricity (Project 4)	11.02	3.90	1.44	3.90	Disbursed

	298L	Mr. Ke Saroeun	18.21	-	18.21	-	Disbursed
	300L	OSVR Trading (Project 9)	16.00	30.00	16.00	30.00	Disbursed
	400L	Mr. Hong Sengkry (Project 2)	10.24	-	10.24	-	Disbursed
	415L	Mrs. Ker Varin* (Project 3)	4.00	5.00	-	5.00	Disbursed
	416L	Mr. Or Joly (Project 3)	8.00	4.00	5.40	4.00	Disbursed
Kampong Speu	082L	AKISNY PICHNIL L.S.K Enterprise* (Project 3)	4.86	15.20	1.00	14.50	Disbursed
	099L	Lim Mov* (Project 2)	18.22	2.60	18.22	2.60	Disbursed
	101L	Tov Chhinseng ** (Project 4)	-	-	-	-	-
	137L	Meng Sok Leng Construction and Electric* (Project 5)	31.00	22.60	31.00	22.60	Disbursed
	154L	Mr. Uy Sophat*	4.364	2.451	4.364	2.451	Disbursed
	219L	Mr. Phoeurn Saroeurn*	-	-	-	-	-
	237L	Mr. An Saman (Project 2)	30.59	-	29.09	-	Disbursed
	278L	Mr. Ou Bunly* (Project 2)	-	-	-	-	-
Kampong Thom	023L	Mekong Smart Power* (Project 6)	-	-	-	-	-
	073L	Mr. Treung San (Project 2)	18.70	-	-	-	On going
	111L	Mr. Kong Vun* (Project 3)	-	-	-	-	-
Kampot	044L	Akisani Toek Chhou (Project 2)	18.11	35.65	13.22	32.38	Disbursed
		Akisani Toek Chhou (Project 3)	2.15	44.31	2.15	44.31	Disbursed
	082L	AKISNY PICHNIL L.S.K Enterprise* (Project 3)	-	-	-	-	-
	197L	Electricity Ang Roka Enterprise*	-	-	-	-	-
		Electricity Ang Roka Enterprise* (Project 2)	-	-	-	-	-
	225L	Mrs. Chann Sokim (Project 2)	15.50	-	-	-	On going
Kandal	061L	Electricity Ang Snoul Enterprise	8.09	2.44	8.09	2.44	Disbursed
	099L	Lim Mov* (Project 2)	-	-	-	-	-
	101L	Tov Chhinseng ** (Project 4)	-	-	-	-	-
	137L	Meng Sok Leng Construction and Electric* (Project 5)	17.42	-	16.32	-	Disbursed
	150L	Akissni Keansvay (Project 3)	14.115	-	12.63	-	Disbursed
	154L	Mr. Uy Sophat*	-	-	-	-	-
	209L	Mr. Sok Pin	3.08	4.70	1.30	4.70	Disbursed

	219L	Mr. Phoeurn Saroeurn*	8.84	-	-	-	On going
	230L	Mrs. Thauv Vorun (Project 2)	0.70	15.55	-	5.77	Disbursed
	278L	Mr. Ou Bunly* (Project 2)	-	-	-	-	-
	355L	Mr. Chhor Veng Ngoun* (Project 3)	-	-	-	-	-
Koh Kong	028L	Samreth Sothy Enterprise (Project 3)	1.80	3.60	0.80	1.00	Disbursed
	106L	Mrs. Ann Samlan	5.00	1.12	-	1.12	Disbursed
	358L	Mrs. Pheav Chhaysory*(Project 2)	-	-	-	-	-
	418L	Mrs. Chheng Touch	21.49	-	21.49	-	Disbursed
Kratie	346L	Mrs. Chea Sokeng (Project 2)	25.00	-	10.00	-	Disbursed and on going
Preah Vihear	031L	Akisni Preah Vihear	26.30	3.00	-	-	On going
Prey Veng	247L	Akisni Kraul Kou Company*	-	-	-	-	-
	295L	Branch of Sun-EEE PTE., LTD*	6.58	-	6.58	-	Disbursed
	310L	Mr. Srin Chhorn* (Project 3)	25.355	-	-	-	On going
	336L	Mr. Heang Phally (Project 4)	27.76	-	19.61	-	Disbursed
	343L	Nhem Horn Electrical (Project 4)	71.61	4.10	71.61	4.10	Disbursed
	355L	Mr. Chhor Veng Ngoun* (Project 3)	13.30	-	12.30	-	Disbursed
Pursat	124L	Ear Laysean Krovanh Electricity Enterprise (Project 3)	17.00	1.50	13.13	1.50	Disbursed
	281L	Mr. Vong Sombo (Project 2)	46.00	-	46.00	-	Disbursed
	332L	Mr. Nhean Vatana (Project 3)	17.00	-	17.00	-	Disbursed
	383L	Mrs. Khim Heang (Project 5)	23.00	-	23.00	-	Disbursed
Siem Reap	035L	Vonn Vireak Service	20.00	8.5	-	-	On going
	083L	Mr. Yim Rithy	13.60	2.70	13.60	2.70	Disbursed
	111L	Mr. Kong Vun* (Project 3)	29.50	-	-	-	On going
	129L	Mr. Chan Sok (Project 2)	17.00	-	16.00	-	Disbursed
	164L	Vattanak N.T. Angkor* (Project 2)	12.93	-	-	-	On going
	183L	Mrs. Meas Keav	20.90	-	11.40	-	Disbursed
	240L	Mrs. Long Kimheng*	16.00	5.50	15.00	5.50	Disbursed
	426L	Mr. Laing Neang	21.30	-	-	-	On going
Preah Sihanouk	029L	Mr. Sok Thy (Project 3)	1.00	1.70	-	-	On going

	098L	Mr. San Ke	3.60	1.60	2.50	1.60	Disbursed
	358L	Mrs. Pheav Chhaysory*(Project 2)	3.70	-	-	-	Project closed
Svay Rieng	247L	Akisni Kraul Kou Company*	11.10	12.3	8.40	9.00	Disbursed
	268L	Mr. Khan Siden (Project 4)	12.00	20.00	9.40	20.00	Disbursed
	319L	Khmer Utility Trading KUT) Company (Project 2)	25.40	11.80	11.30	9.90	Disbursed
Takeo	101L	Tov Chhinseng ** (Project 4)	42.87	21.47	-	-	On going
	178L	Seng Vuthy Electricity Enterprise (Project 2)	4.08	2.20	-	1.30	Disbursed
	188L	Mr. Lim Sisophorn (Project 4)	-	6.80	-	6.80	Disbursed
	194L	Mr. Rov Trorhuot	7.10	0.95	7.10	0.95	Disbursed
	197L	Electricity Ang Roka Enterprise*	54.25	-	54.25	-	Disbursed
		Electricity Ang Roka Enterprise* (Project 2)	23.40	14.00	23.40	14.00	Disbursed
	212L	Mr. Ngeth Meng (Project 3)	7.65	-	7.65	-	Disbursed
	265L	Mr. Keo Sarade	2.00	5.00	-	-	On going
	373L	Mr. Chuon Tom (Project 3)	6.00	-	6.00	-	Disbursed
	Otdar Meanchey	240L	Mrs. Long Kimheng*	-	-	-	-
Tboung Khmum	310L	Mr. Srin Chhorn* (Project 3)	-	-	-	-	-
	Total I		1,142.594	374.041	739.094	295.611	
			1,516.635		1,034.705		
Funded by Kreditanstalt für Wiederaufbau (KfW)							
Kampong Chhnang	095L	Mrs. Chan Simoly (Project 2)	8.20	1.78	8.20	1.78	Disbursed
	119L	Mr. Un Sothea (Project 6)	17.00	28.00	-	-	On going
Kampong Speu	155L	Sahakreas Aphivath Akisni Samrethkiry (Project 4)	13.79	3.25	13.79	3.25	Disbursed
	278L	Akisny Chrey Loas** (Project 3)	-	-	-	-	-
Kampong Thom	228L	T.K.T.D Electricity Enterprise (Project 3)	20.93	-	15.45	-	Disbursed
	368L	Miss. Tan Kimbouy	53.00	-	33.35	-	Disbursed
	387L	Mrs. Pen Channa (Project 2)	38.42	-	-	-	On going
Kandal	266L	Mrs. Sor Sa Un	5.87	-	5.87	-	Disbursed
	272L	Sahakreas Akisani Kampong Chamlong Bakdav*	-	-	-	-	-
	278L	Akisny Chrey Loas** (Project 3)	15.64	6.08	10.83	6.08	Disbursed
Kratie	395L	Mrs. Khun Sokgach* (Project 5)	5.00	29.00	5.00	29.00	Disbursed

Phnom Penh	278L	Akisny Chrey Loas** (Project 3)	-	-	-	-	-
Preah Vihear	329L	Mrs. Teang Bonika	63.00	9.00	47.00	-	Disbursed
Prey Veng	259L	Inter BP Solution Corporation (Project 2)	55.00	18.00	-	-	On going
	272L	Sahakreas Akisani Kampong Chamlong Bakdav*	2.89	-	2.89	-	Disbursed
Siem Reap	240L	Mrs. Long Kimheng* (Project 2)	14.00	10.50	14.00	10.50	Disbursed
Stung Treng	395L	Mrs. Khun Sokgach* (Project 5)	-	-	-	-	-
Takeo	121L	Mr. Nget Soda	14.95	-	-	-	Project Closed
Otdar Meanchey	240L	Mrs. Long Kimheng* (Project 2)	-	-	-	-	-
	Total II		327.69	105.61	156.38	50.61	
			433.30		206.99		
	Grand total I+II		1,470.284	479.651	895.474	346.221	
			1,949.935		1,241.695		

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 2017

No.	Province/City	Village	Commune	District	License No.	Licensee
Funded by Electricité Du Cambodge (EDC)						
1	Banteay Meanchey	Boeng Toch, Boslok	Soea	Mongkul Borei	324L	Mrs. Khiev Sokha* (Project 4)
2	Battambang	Pech Changva	Reaksmey Sangha	Rotonak Mondol	069L	Mr. Nob Bin (Project 4)
		Boeng Brey	Snoeng	Banan		
		Sophy, Cha, Chobkab, Kraos	Anlong Run	Thma Koul	270L	Electrical Otaki Trading (EOT) (Project 2)
		Po Pea Khae	Ou Ta Ki			
		Snoeng Lecg, Snoeng Kheut, Preah Srae	Snoeng	Banan	275L	Mr. Koy Mach (Project 3)
		Spaen	Bansay Traeng	Thma Koul	283L	Mr. Srey Oun
		Bouy Rumchey	Rung Chrey	Thma Koul	324L	Mrs. Khiev Sokha* (Project 4)
		Rung	Chaeng Mean Chey	Banan	330L	Mr. Lonh Savan (Project 4)
3	Kampong Cham	Boeng Nay	Boeng Nay	Prey Chhor	023L	Mekong Smart Power* (Project 6)
		Andoung	Sour Saen			
		Trapeang Sangkae	Chrey Vien			
		Poun Pramat	Trapeang Preah			
		Klengpor, Andoung Day Tuek Chech	Preaek Krabau	Kang Meas		
		Anlong Snouk, Ou Svay, Trapeang Kouk	Ou Svay	Kampong Siem		
		Ampil Chrum, Trapeang Ruessei, Andoung Po	Krala			
		Trapeang Ta Sok	Trean			
		Doun Thy	Bos Khnaor	Chamkar Leu		
		Tuol Pen, Tuol Srov, Tuol Prak, Tuol Meas, Chamreun Phal	Ta Ong			
		Moha, Trapeang Beng	Svay Teab		Chamkar Leu	038L
		Kbal Hong Chas, Kbal Hong Thmei,	Lvea Leu			

		Lvea Tbong, Kraleng Lech				
		Sramor, Srang Cheung, Sangkea Bang, Trapeang Tnot, Pa Nam	Sramar	Cheung Prey	047L	Sor Malis Electricity Enterprise
		Ta Saen	Soutip			
		Phnov Lech	Prey Char			
		Chey Yo, Trapeang Ruessei	Cheyyou	Chamkar Leu	075L	Mr. Chhay Kimhuor
		Banteay Mean Chey, Spueu Lech, Peng Meas Tbong, Ou Veay	Spueu			
		Ta Pouy, Sang Keub	Chealea	Batheay	216L	Sambo Electricity
		Sambour	Sambour			
		Kandal, Areaks, Thmei, Khnork	Trapeang Kor	Cheung Prey	286L	Mrs. Sou Rong (Project 2)
		Ba Khorb, Sampong Chey, Por, Sandaek	Sampong Chey			
		Koah Champa, Pring Chrum	Pring Chrum			
		Baek Anloun, Kilo Dorb	Areaks Tnot	Stueng Trang	292L	Mr. Seng Kry
		Poun, Tuol Sambour	Tuol Sambour			
4	Kampong Chhnang	Svay Kouy, Kaev Lat	Ponley	Baribour	040L	M.H Electyricity (Project 4)
		Ta Morl Leu, Koah Thkov, Dang Toung, Ta Morl Krom, Koah Lout, Bort Trang	Kaoh Thkov	Chol Kiri	298L	Mr. Ke Saroeun
		Praek Trorb, Kampong Ba Srov	Chol Sar			
		Tuek La'ork, Pat Laang, Thmei, Krang Leav, Srae Veal, Chrou Long Kouk	Krang Leav	Rolea B'ier	300L	OSVR Trading (Project 9)
		Andoung Preng	Prey Mul			
		Plov Kouk, Thmar Reap	Banteay Preal			
		Trapeang Ampil, Prasnoeb	Prasnoeb			
		Kbal Koah, Spueu Banlech, Ampil Tuek	Ampil Tuek	Kampong Tralach	400L	Mr. Hong Sengkry (Project 2)
		Krang Samraong, Takeo, Srea Andoung, Changva Real, Krang Doung	Peam	Sameakki Mean Chey	415L	Mrs. Ker Varin* (Project 3)
		Trapeang Krapeu, Noneam Toteung, Tuek Hout	Tuek Hout	Rolea B'ier	416L	Mr. Or Joly (Project 3)
5	Kampong Speu	Thmei	Traeng Trayueng	Phnum Sruoch	082L	AKISNY PICHNIL L.S.K Enterprise* (Project 3), 1 st Payment

		Prey Toteung	Khsem Khsant	Odongk	099L	Lim Mov* (Project 2)
		Krang Tumnum, Sdouk Tau Chas, Tuol Vihear, Chant Saen, Thmei Tunloab	Chant Saen			
		Trapeang Lpeak	Trach Tong			
		Sdouk, Trapeang Chambaok, Prey Smit, Tumnub Angkaor Kandal, Pleung Chhes, Prae Chungruk	Mean Chey			
		Cha Oark	Phnum Touch	Odongk	137L	Meng Sok Leng Construction and Electric* (Project 5)
		Ang Ta Leuk	Sambour	Samraong Tong		
		Krang Svay	Roleang Kreul	Samraong Tong	154L	Mr. Uy Sophat*
		Prey Pongro	Roka Koah	Kong Pisei		
		Thmei	Tang Samraong	Phnum Sruoch	237L	Mr. An Saman (Project 2)
		Monorum, Dei Chhnang, Trang Robeng, Prey Toteung, Champey, Krang Koki, Krang Tava Krang	Haong Sannam	Aoral		
		Peam Ros, Ou Pdav, Sameakki, Reaksmey, Prey Mean	Reaksmey Sameakki			
		6	Kampot	Krang Sbov, Chor Duoum	Krang Sbov	Chhuk
Tuek Krahorm	Kandaol					
Chamkar Moun	Takaen					
Angknhear Khang Tbong, Angknhear Khang Cheung, Ta Kaor, Dan Kou, Sbov Andeat, Trapeang Trakeat, Trapeang Tnot, Robors Ktoun, Ou Mkak	Damboul Khpos			Angkor Chey		
Mononob	Chumpu Voan			Chum Kiri		
Doun Oav, Snay Anchet, Roka Thmei	Sae Samraong					
Srae Treng, Ponhea Angkaor	Wat Ang Khang Cheung			Angkor Chey	044L	Akisani Toek Chhou (Project 3)
Trapeang Tnot, Trapeang Run	Damboul Khpos					

		Trapeang Ta Meas	Sukrom	Dang Tong		
		Trapeang Ses	L'ang			
		Trapeang Ko Koah, Prey Khmum	Doun Yay	Chhuk		
		Trapeang Ta Sek	Baniev			
		Chrey	Satr Pong			
		Chheu Teal, Chrum Tramaeng	Tramaeng			
		Angkor Svay, Ta Prum	Mean Chey			
		Prey Peay	Trapeang Phleang			
		Bous Trabaek, Trapeang Pring Khang Tbong	Trapeang Pring	Tuek Chhou		
		Thmei, Tra Seak Kaong	Thmei			
		Bous Nhim	Koun Satr			
				Kpob Run, Kaom Norb, Prey Khley, Srae Cheng		
7	Kandal	Tuek Chou, Chamkar Chou	Peuk	Angk Snuol	061L	Electricity Ang Snoul Enterprise
		Krang Leav, Prey Krouy, Tumloab	Prey Puoch			
		Trapeang Veng	Chhak Chheu Neang			
		Tuol Serey, Tumloab, Ang Srae Po, Koul	Tuol Prech	Angk Snuol	137L	Meng Sok Leng Construction and Electric* (Project 5)
		Po Bourn	Mkak			
		Mongkul Borei, Prey Phneuk Ti Mouy, Trapeang Thmar, Prey Chheu Teal, Koah Kroub Bay	Samraong Leu	Kien Svay	150L	Akissni Keansvay (Project 3)
		Chheu Teal	Chheu Teal			
		Preaek Ta Nub, Kampong Svay	Kampong Svay			
		Koah Prak Chan, Koah Ma'Orm	Phum Thum			
		Ta Ream Doun Sar, Chornlouk, Tuol Tnot	Kokor			
		Sdav Kanlaeng	Dei Edth			
		Kchum, Kandal Krom	Banteay Daek			
Ruessei Chrouy	Svay Prateal	S'ang				

		Koah Reas Krom, Koah Reas Leu	Kaoh Reah	Lvea Aem		
		Preaek Khmeng	Preaek Khmeng			
		Krang Rolous, Roleang Kaen	Roleang Kaen	Kandal Stueng	154L	Mr. Uy Sophat*
		Kleang Meung Tbong, Kleang Meung Cheung, Preaek Doun Hem, Preaek Krabov Mouy, Preaek Krabov Pir	Preaek Ampil	Khsach Kandal	209L	Mr. Sok Pin
		Krouch Sheuch, Ancheng Krom, Ancheng Leu, Pouk Ruessei	Khsach Kandal			
		Prey Toteung	Trapeang Veang	Kandal Stueng	219L	Mr. Phoeurn Saroeurn*
		Trapeang Chek	Thmei			
		Trapeang Chrov, Anchach, Bek Thlang, Trapeang Rueseei, Kamnorb	Tumnob Thum	Ponhea Lueu	278L	Mr. Ou Bunly* (Project 2)
		Tuol Prech, Thmei, Ta Phai, Chrey Loas, Ta Peat, Ka Kou, Prey Robeng, Tbong Wat, Prey Sok Paor, Sleng	Chrey Loas			
8	Koh Kong	Veal Cheung	Srae Ambel	Srae Ambel	028L	Samreth Sothy Enterprise (Project 3)
		Sala Mnaeng	Boeng Preav			
		Koah Sdach	Kaoh Sdach	Kiri Sakor	106L	Mrs. Ann Samlan
		Prey Svay, Koah	Thma Daun Pov	Thma Bang	418L	Mrs. Chheng Touch
		Chi Phat	Chi Phat			
		Koki Chrum, Trabang Chheu Trav	Ruessei Chrum			
9	Kratie	Ou Krieng	Ou Krieng	Sambour	346L	Mrs. Chea Sokeng (Project 2)
10	Prey Veng	Tuol Sroeng	Phnov Ti Mouy	Sithor Kandal	295L	Branch of Sun-EEE PTE., LTD*
		Ta Ngaok Srae, Sdar Srok, Sdar Kdei	Phnov Ti Pir			
		Chrey Khmum	Chey Khmum			
		Svay Pouk, Sueu Keut	Spueu Ka	Ba Phnum	336L	Mr. Heang Phally (Project 4)
		Ruessei Keak, Ang Krorg, Ta Chey, Ruessei Chour, Svay Ta Ni, Ta Mar, Lpeach	Boeng Preah			
		Thmei, Robaos Phchaek, Tamao, Svay	Prey Khnes	Me Sang		

		Chou			343L	Nhem Horn Electrical (Project 4)		
		Prey Kanlang, Boeng Tra Bor, Tung Neaek, Trapeang Svay	Sdau Kaong	Ba Phnum				
		Trapeang Run, Prey Andoung, Prey Khmao, Taob Siem, Kouk Khchork, Prey Thom, Skea, Prey Kouy, Horb, Chamreas, Trapeang Trav, Romeas Chhor, Kral, Prey Snoul, Trav	Kou Khchak	Kampong Trabaek				
		Traork	Pratheat					
		Povong, Po	Thkov					
		Angkor Sar, Sambour	Angkor Sar	Me Sang				
		Sla, Lvea, Chrey Krouheum	Kampong Ruessei	Pea Reang			355L	Mr. Chhor Veng Ngoun* (Project 3)
		Angkor Yous, Tamor, Tamaeng	Me Bun	Pou Rieng				
11	Pursat	Srae Popeay	Santreae	Phnum Kravanh	124L	Ear Laysean Krovanh Electricity Enterprise (Project 3)		
		Veal	Rokat					
		Dei Krahaom, Chamkar Chrey Khang Cheung, Krang Ro Ngeaeng, Kandal	Anlong Reab	Veal Veang	281L	Mr. Vong Sombo (Project 2)		
		Pramouy, Stung Thmei, Tumpor	Pramouy					
		Baos Kou, Ta Lou, Prey Raong, Prey Tau, Prey Vaing, Tuol Toteung, Koah Wat, Seri Kontheay, Bour Chres	Ta Lou	Bakan	332L	Mr. Nhean Vatana (Project 3)		
		Kbal Teahien, Bamnak, Tien Prey, Phtesh Chek, Chheu Tep, Kandal	Chheu Tom	Krakor	383L	Mrs. Khim Heang (Project 5)		
		Tuol Andet, Boeng Smok, Kamraeng	Svay Sa					
		12	Siem Reap	Pka Rum Chek, Boeng Vien	Ta Yaek	Soutr Nikom	083L	Mr. Yim Rithy
Dum Deak Thmei	Dam Daek							
Preah Trapeang, Bous, Tnal Cheak,Kouk Ruessei Cheung, Chrey Khang Lech	Kien Sangkae							
Ou, Damrei Chhloang, Yieng, Ta Prum	Sangvaeuy			Chi Kraeng	129L	Mr. Chan Sok (Project 2)		
Krouch, Spean Toch, Ruessei Louk, Trapeang Run	Ruessei Lok							

		Kilo Ta Chhim	Kouk Thlok Kraom			
		Samraong Khang Cheung, Beth Meas	Samraong	Soutr Nikom	183L	Mrs. Meas Keav
		Pouy Smach, Ta Yaek, Cham Pey, Trav Bak	Ta Yaek			
		Tuek Lech	Boeng Mealea			
		Lvea Krang, Kouk Wat, Sakmout, Srae Po, Rolum Run Thmei	Srae Nouy	Varin	240L	Mrs. Long Kimheng*
		Khna Roves, Khun Ream	Khun Ream	Banteay Srei		
13	Preah Sihanouk	Smach Daek, Ream	Ream	Prey Nob	098L	Mr. San Ke
14	Svay Rieng	Kouk Kandal, Banla Sa’edth, Khouch, Boeng Rey Khang Tbong, Boeng Rey Khang Cheung, Ruessei Chour Tbong, Prey Kla	Kraol Kou	Svay Chrum	247L	Akisni Kraul Kou Company*
		Ta Por, Svay Chek	Samlei	Kampong Rou	268L	Mr. Khan Siden (Project 4)
		Tuol Sdei, Doun Tey, Koah Ruessei	Tuol Sdei	Chantrea		
		Banla Sa’edth, Trapeang Run, Trapeang Deaeng Krom, Tuol Spean, Tuol Ampil	Chres			
		Sras, Tnol	Chrey Thum	Romeas Haek	319L	Khmer Utility Trading KUT) Company (Project 2)
		Prey Kranhoung, Kralach Ti Mouy, Bedth Toeng, Lbeuk, Tuol Chey, Trapeang Skun	Sambatt Mean Chey			
		Romeat, Tuol Sukrom	Trapeang Sdau			
		Trapeang Phlong, Poun, Ta Sous, Svay Pouk, Ta Koub	Doung			
15	Takeo	Svay	Samraong	Samraong	178L	Seng Vuthy Electricity Enterprise (Project 2)
		Roung, Svay Prey, Rum Chong	Lumchang	Samraong	188L	Mr. Lim Sisophorn (Project 4)
		Ang Rang, Koun Meas	Boeng Tranh Khang Cheung			

		Kdol Chrum, Sangkum Meas Chey	Kampong Krasang	Borei Cholsar	194L	Mr. Rov Trorhuot
		Trapeang Plou, Sukrom, Trapeang Dang Tuek, Stung, Ruessei Mouy Kum, Tuol Klong, Damnak Klong, Trapeang Kralach	Ou Saray	Tram Kak	197L	Electricity Ang Roka Enterprise*
		Trapeang Lean	Kus			
		Neal, Koulkoum	Tram Kak			
		Trapeang Chrey	Trapeang Thum Khang Tbound			
		Ta Pen, Trapeang Cheng, Chanteab, Krabey Prey	Samraong			
		Trapeang Skear	Trapeang Kranhoung			
		Trapeang Chrey, Prey Rumdoul, Kouk Chen Leang	Trapeang Thum Khang Tbound	Tram Kak	197L	Electricity Ang Roka Enterprise* (Project 2)
		Trabang Kon, Ta Pen, Chanteab, Koah Nhea, Pen Meas, Krang Banteay, Ta Soam, Pong Tuek, Trapeang Chhouk, Trapeang Cheng, Krabey Prey	Samraong			
		Neal, Koulkoum	Tram Kak			
		Trapeang Lean, Krang Ta Chan, Prey Ta Khab, Trapeang Ampil, Trapeang Ta Sok, Chamkar Tieng	Kus			
		Trapeang Skear	Trapeang Kranhoung			
		Trapeang Plou, Sukrom, Trapeang Dang Tuek, Stung, Ruessei Mouy Kum, Tuol Klong, Damnak Klong, Trapeang Kralach, Trapeang Kchoaov, Boeng Sdouk	Ou Saray			
		Trapeang Tea, Rolous, Chraneang Khpos,	Tang Yab	Prey	212L	Mr. Ngeth Meng (Project 3)

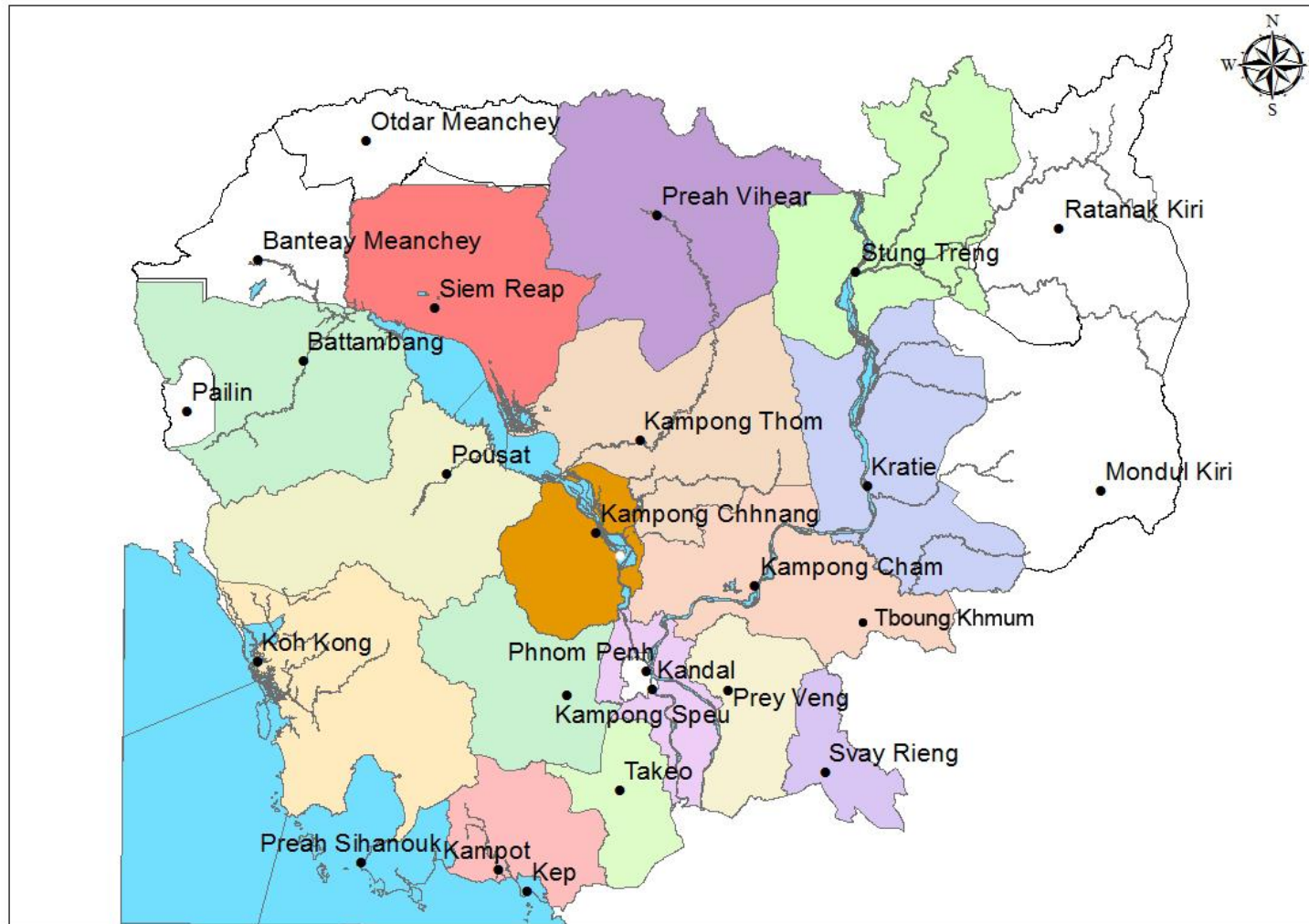
		Snoul Khpos, Krang Ampil		Kabbas		
		Ta Phan, Prey Bay, Ta Nheum	Prey Yuthka	Kaoh Andaet	373L	Mr. Chuon Tom (Project 3)
15 Provinces		442 Villages	152 Communes	61 Districts		
Funded by Kreditanstalt für Wiederaufbau (KfW)						
1	Kampong Chhnang	Andoung Chous, Trapeang Trach, Chearov, Prey Khmer	Rolea B'ier	Rolea B'ier	095L	Mrs. Chan Simoly (Project 2)
		Kouk Banteay, Spouk Reach	Kouk Banteay			
		Andoung Svay	Andoung Svay			
2	Kampong Speu	Lor Khpoub Khpos, Tuol, Chaork, Krang Doung, Trapeang Chouy, Kong Loeng	Prey Krasang	Odongk	155L	Sahakreas Aphivath Akisni Samrethkiry (Project 4)
		Saram	Peang Lvea			
		Yous Chea, Chres	Cheung Roas			
		Prey Tien	Yuth Sameakki			
		Chraok Popoul, Prey Tunsay	Chumpu Proeks			
3	Kampong Thom	Ampil	San Kor	Kampong Svay	228L	T.K.T.D Electricity Enterprise (Project 3)
		Chheu Teal, Sranhea, Ou Ambeng, Ta Am, Boeng Andeaeng, Phloulk, Po, Tram Kla	Tbaeng			
		Prohout, Kranhoung, Prey Mari, Phdeak, Sramar, Suchous	Phan Nheum	Prasat Ballangk	368L	Miss. Tan Kimbouy
		Anlong Chour, Kra Ya Tboung, Kra Ya Cheung, Bous Thom, Baray	Kraya			
		Ou Khchorng, Sakream Khang Tboung, Sakream Khang Cheung, Veal Tnal, Trapeang Pring, Bam Artith	Sakream			
4	Kandal	Ampov Prey Bei, Ta Dourk Mouy, Ta Dourk Pir, Ta Dourk Bei	Ampov Prey	Kandal Stueng	266L	Mrs. Sor Sa Un
		Chrey Young, Svay Prey	Kandal			
		Prey Kong Reach, Preaek Rey	Preaek Rey	Lvea Aem	272L	Sahakreas Akisani Kampong Chamlong Bakdav*
		Preaek Ta Prang	Phum Thum			
		Tuol Pongro	Sithor	Khsach		

		Tbong Damrei, Preaek Dambong	Kampong Chamlang	Kandal		
		Chrouy Khsach, Bak Dav Leu, Bak Dav Krom	Bak Dav			
		Tang Sdok, Chhveang, Kakab, Svay, Pongro, Sdok Ta Chan, Prasat, Sleng, Srae Ambil, Preaek Phcheuk, Ta Ork	Chhveang	Ponhea Lueu	278L	Akisny Chrey Loas** (Project 3)
5	Kratie	Ou Krieng	Ou Krieng	Sambour	395L	Mrs. Khun Sokgach* (Project 5)
6	Preah Vihear	Rumchek, Phnum Deaek, Srae Thnounge	Romoneiy	Rovieng	329L	Mrs. Teang Bonika
		Trapeang Toteum, Tuol Rovieng, Ou Trolouk	Romtum			
		Svay Pat, Tnot Kaong, Kouk Ampil, Dei Krahorm, Tuol Ampil	Rumdaoh			
		Kork Poun, Saraong	Raksa			
		Anlong Svay, Krang Daung	Preah Khleang	Tbaeng Mean Chey		
		Dar, Pratheath, Tbeng	Chamraeun	Sangkum Thmei		
		Ta Su	Tasu	Chey Saen		
		S'ang	S'ang			
7	Prey Veng	Preaek Chhous, Preaek Ta Sar	Preaek Ta Sar	Pea Reang	272L	Sahakreas Akisani Kampong Chamlong Bakdav*
		Kampong Prang, Ta Roath, Lvea Kaong, Sambour, Peak Sbeaek	Kampong Prang			
8	Siem Reap	Lvea Krang, Kouk Wat, Samot, Rolum Run Thmei	Srae Nouy	Varin	240L	Mrs. Long Kimheng* (Project 2)
8 Provinces		103 Villages	33 Communes	15 Districts		

Remark: Out of 545 villages, there are 8 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 2017



Annex 11

Provincewise information on licensees who have executed contracts, funded by ADB, with REF for getting grant assistance to Promote Access to Grid Electricity for ID Poor Households in rural areas in 2017

Province	Area of supply	License No.	Name of Licensee	Source of supply
Banteay Meanchey	Some parts of Mongkul Borei and Preahnet Preah District (Banteay Meanchey) and Thmar Kol District (Battambang)	105L	TNNT Electricity*	EDC
	Some parts of O-Chrov and Svay Chek Districts and Krong Poipet	276L	Mr. Chun Rithy	EDC
Kampong Cham	Some parts of Prey Chhor, Kang Meas, Chamkar Leu, Stung Trang and Kampong Siem Districts (Kampong Cham) and Some parts of Baray District (Kampong Thom)	023L	Mekong Smart Power*	Electricity Skon-Chamkarleu
	Some parts of Chamkar Leu District	038L	Tnal Bek Chamkar Leu Electricity Enterprise	Electricity Skon-Chamkarleu, BVC Power Development
	Some parts of Cheung Prey District	047L	Sor Malis Electricity Enterprise	Electricity Skon-Chamkarleu
	Khum Mesorchrey and Khum Sopheas, Stung Trang District	060L	Mrs. Eam Sreng	EDC
			Mrs. Eam Sreng (Project 2)	
	Some parts of O-Raing Ov District (Kampong Cham) and Sithor Kandal District (Prey Veng)	088L	Khun Sophal* Co., Ltd	EDC
	Some parts of Khum Mepring and Khun Batheay, Batheay District	159L	Mr. Khun Sopheap	Electricity Skon-Chamkarleu
	Khum Thmar Pou, Preychhor District	241L	Mr. Ung Kimsean	BVC Power Development
			Mr. Ung Kimsean (Project 2)	
	Some part of Chheung Prey District	286L	Mrs. Sou Rong	Electricity Skon-Chamkarleu
	Some part of Khum Araknot and Khum Prek Kok, Steung Trang District	292L	Mr. Seng Kry	EDC
			Mr. Seng Kry (Project 2)	
	Some parts of Stung Trang District	356L	Mrs. Eng Kal Yan	EDC
	Khum Dorngda, Stung Trang District	357L	Mr. Nhep Seng	EDC
	Some parts of Stung Trang District	369L	Mr. Dy Piseth	EDC
	Some parts of Khum Ta Ong, Chamkar Leu District	376L	Mr. Lay Bunthoeun	BVC Power Development

	Khum Toul Preah Khlaing, Stung Trang District, and some parts of Khum Srak, Kampong Seam District	394L	Mr. Vat Narun	EDC
Kampong Thom	Some parts of Baray and Santuk District	006L	Pheng Keang Electricity Pheng Keang Electricity (Project 2)	BVC Power Development
	Some parts of Baray District	019L	Mr. Te Kok Eng	BVC Power Development
	Some parts of Baray District (Kampong Thom) and Some parts of Chamkar Leu District (Kampong Cham)	032L	Mr. Nhen Kong*	BVC Power Development
			Mr. Nhen Kong* (Project 2)	
			Mr. Nhen Kong* (Project 3)	
	Some parts of Khum Baray and Khum Chhouk Khsach, Baray District.	039L	Mr. Kim Chantara	BVC Power Development
			Mr. Kim Chantara (Project 2)	
	Some parts of Stong District	063L	Mr. Ong Hoksine	BVC Power Development
	Some parts of Santuk, Baray Districts and Krong Stung Sen	073L	Mr. Treung San	BVC Power Development
	Some parts of Stoung District (Kampong Thom) and Chikreng District (Siem Reap)	111L	Mr. Kong Vun*	BVC Power Development
	Some parts of Baray District	245L	Mr. Chhea Sokhom	BVC Power Development
	Some part of Stoung and Prasat Balang Districts	354L	Mrs. Khun Nayheak	BVC Power Development
	Khum Krava, Khum Chaeung Daeung, Khum Bak Sna and Khum Kokir Thum, Baray District	367L	Mr. Soeun Sophal	BVC Power Development
			Mr. Soeun Sophal (Project 2)	
	Khum Kroya, Khum Sakream ang Khum Phan Nheum, Balang District	368L	Miss. Tan Kimbouy	BVC Power Development
	Some part of Kampong Svay and Prasat Balang Districts	387L	Mrs. Pen Channa	BVC Power Development
Kandal	Some parts of Saang District (Kandal Province), and Baty and Preykasas Districts (Takeo Province)	179L	Akisni Nhoek My Enterprise*	LMK Co., Ltd
Siem Reap	Some part of Khum Kampong Kleang, Sotnikum District	127L	Mr. Houv Savy	Koh Kong Utility Co., Ltd
	Some parts of Chikreng and Sotnikum Districts	129L	Mr. Chan Sok	KTC Cable
	Some parts of Angkor Chum District	139L	Mr. Duong Narin	Mr. Ung Bunthy
	Some part of Khum Anlong Samnor and Khum Chikreng, Chikreng District	161L	Mr. Orng Tainglai	Koh Kong Utility Co., Ltd
	Some parts of Pouk, Kralanh Districts (Seam Reap), and Preah Net Preah, Phnom Srok Districts (Banteay Meanchey)	164L	Vattanak N.T. Angkor*	EDC

	Some parts of Banteay Srey District, Khmum Sre Nouy, Varin District, some parts of Khmum Kantuot, Svay Leu District (Siem Reap) and some parts of Anlong Veng District (Otdor Meanchey)	240L	Mrs. Long Kimheng*	EDC
	Some parts of Srey Snam and Kralanh District	311L	Mrs. Heng Symuy	EDC
Tboung Khmum	Some parts of Ponhea Krek, Tboung Khmum, Krouch Chhmar and Tambe Districts (Tboung Khmum Province) and Kamchaymear District (Prey Veng Province)	122L	E.D.CON Co., Ltd	EDC
	Khum Popel, Ponheakrek District and some part of Dambe District	308L	Mrs. Phin Thai	EDC
	Some parts of Oraing Ov District, and Ponheakrek (Tboung Khmum Province) and Kanh Chreach District (Prey Veng Province)	310L	Mr. Srin Chhorn	EDC

Note: * Area of supply in 2 provinces.

Annex 12

**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 ADB under OBA Program to Promote Access to
Grid Electricity for ID Poor HH in 2017**

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
Banteay Meanchey	105L	TNNT Electricity* Co., Ltd	80	27	Disbursed and Project Closed
	276L	Mr. Chun Rithy	145	-	No achievement and Project Closed
Kampong Cham	023L	Mekong Smart Power*	60	-	On going
	038L	Tnal Bek Chamkar Leu Electricity Enterprise	238	-	On going
	047L	Sor Malis Electricity Enterprise	224	112	Disbursed and Project Closed
	060L	Mrs. Eam Sreng	46	46	Disbursed
		Mrs. Eam Sreng (Project 2)	156	-	On going
	088L	Khun Sophal* Co., Ltd	220	-	No achievement and Project Closed
	159L	Mr. Khun Sopheap	175	-	On going
	241L	Mr. Ung Kimsean	25	25	Disbursed
		Mr. Ung Kimsean (Project 2)	93	93	Disbursed
	286L	Mrs. Sou Rong	86	-	On going
	292L	Mr. Seng Kry	21	21	Disbursed
		Mr. Seng Kry (Project 2)	49	49	Disbursed
	356L	Mrs. Eng Kal Yan	45	45	Disbursed
	357L	Mr. Nhep Seng	43	43	Disbursed
	369L	Mr. Dy Piseth	346	-	No achievement and Project Closed

	376L	Mr. Lay Bunthoeun	123	56	Disbursed and Project Closed
	394L	Mr. Vat Narun	109	64	Disbursed and On going
Kampong Thom	006L	Pheng Keang Electricity Pte., Ltd	24	20	Disbursed and Project Closed
		Pheng Keang Electricity Pte., Ltd (Project 2)	124	103	Disbursed and Project Closed
	019L	Mr. Te Kok Eng	190	110	Disbursed and On going
	032L	Mr. Nhen Kong*	6	5	Disbursed and Project Closed
		Mr. Nhen Kong* (Project 2)	53	52	Disbursed and Project Closed
		Mr. Nhen Kong* (Project 3)	157	157	Disbursed
	039L	Mr. Kim Chantara	82	77	Disbursed and Project Closed
		Mr. Kim Chantara (Project 2)	107	51	Disbursed and On going
	063L	Mr. Ong Hoksins	930	532	Disbursed and On going
	073L	Mr. Treung San	1,000	-	On going
	111L	Mr. Kong Vun*	201	89	Disbursed and On going
	245L	Mr. Chhea Sokhom	87	-	On going
	354L	Mrs. Khun Nayheak	380	130	Disbursed and On going
	367L	Mr. Soeun Sophal	34	11	Disbursed and Project Closed
		Mr. Soeun Sophal (Project 2)	160	101	Disbursed and On going
	368L	Miss. Tan Kimbouy	321	93	Disbursed and On going
	387L	Mrs. Pen Channa	254	89	Disbursed and On going
Kandal	179L	Akisni Nhoek My Enterprise*	205	200	Disbursed and Project Closed
Siem Reap	127L	Mr. Houv Savy	148	-	On going
	129L	Mr. Chan Sok	53	51	Disbursed and Project Closed

	139L	Mr. Duoung Narin	74	52	Disbursed and Project Closed
	161L	Mr. Orng Tainglai	366	149	Disbursed and On going
	164L	Vattanak N.T. Angkor*	600	-	On going
	240L	Mrs. Long Kimheng*	36	19	Disbursed and Project Closed
	311L	Mrs. Heng Symuy	36	34	Disbursed and Project Closed
Tboung Khmum	122L	E.D.CON Co., Ltd	116	-	On going
	308L	Mrs. Phin Thai	1,200	85	Disbursed and On going
	310L	Mr. Srin Chhorn	226	-	No achievement and Project Closed
Total			9,454	2,791	

Annex 13
List of villages covered, under funding by ADB, by OBA Program to Promote Access to Grid Electricity for ID Poor HH was implemented in 2017

No.	Province	Number of villages in which OBA program was implemented	Commune	District	License No.	Licensee
1	Banteay Meanchey	Ou Chuob, Ka Svay, Ou Dangkao	Rohat Tuek	Mongkol Borei	105L	TNNT Electricity* Co., Ltd
		Ou Andoung Lech	Banteay Neang			
		Kouk Ponley, Bos Tonloab	Chamnaom			
		Thnal Bat	Phnum Touch			
		-	-	-	276L	Mr. Chun Rithy
2	Kampong Cham	-	-	-	023L	Mekong Smart Power*
		-	-	-	038L	Tnal Bek Chamkar Leu Electricity Enterprise
		Phdau Chum Lech, Phdau Chum Kaeut, Chheu Teal	Pdau Chum	Cheung Prey	047L	Sor Malis Electricity Enterprise
		Siem Bay, Prey Char Leu	Prey Char			
		Srab, Soupheas, Dei Kraham, Angkaol, Toap	Soupheas,	Stueng Trang	060L	Mrs. Eam Sreng
		Ou Leu	Me Sar Chrey			
		Srab, Soupheas, Dei Kraham, Angkaol, Pumtuob	Soupheas	Stueng Trang	060L	Mrs. Eam Sreng (Project 2)
		Ou Beng, Trapeangchhuk, Kbal Ou, Bos Pou, Ou Leu	Me Sar Chrey			
		Phnum Ampil	Preak Kak			
		-	-	-	088L	Khun Sophal* Co., Ltd
		-	-	-	159L	Mr. Khun Sopheap
		Tuol Thma, Andoung Pech, Lech Voat, Ou Ta thok	Thma Pun	Prey Chhor	241L	Mr. Ung Kimsean
		Trang, Andoung Pech, Trapeang Boeng, Tuol Thma, Lech Voat, Andoung Phdau, Thma Pun Kandal, Andoung Ta Loeng, Ou Ta thok	Thma Pun	Prey Chhor	241L	Mr. Ung Kimsean (Project 2)
		-	-	-	286L	Mrs. Sou Rong
		Areaks Tnot, Lvea, Beak Anlung	Areaks Tnot	Stueng Trang	292L	Mr. Seng Kry
		Areaks Tnot, Lvea, Beak Anlung	Areaks Tnot	Stueng Trang	292L	Mr. Seng Kry (Project 2)

		Khtuoy Ti Muoy, Khtuoy Ti Pir, Khtuoy Ti Bei, Stang Sakha Thmei, Stang Sakha, Ou Pralaoh	Ou Mlu	Stueng Trang	356L	Mrs. Eng Kal Yan
		Andoung Svay	Preak Kak			
		Santich Kandal, Santich Lech, Santich Kaeut, Chrey Hay, Ta Ream, Ou Pir	Dang Kdar	Stueng Trang	357L	Mr. Nhep Seng
		-	-	-	369L	Mr. Dy Piseth
		Sampoar, Trapeang Chhuk	Ta Ong	Chamkar Leu	376L	Mr. Lay Bunthoeun
		Srak	Srak	Kampong Siem	394L	Mr. Vat Narun
		Thum, Ta Meung, Voat, Doun Tor, Sam Piengleu, Sampiengkrom	Tuol Preah Khleang	Stueng Trang		
3	Kampong Thom	Tok	Kraya	Santuk	006L	Pheng Keang Electricity Pte., Ltd
		Ku	Chong Doung	Baray		
		Tok	Kraya	Santuk	006L	Pheng Keang Electricity Pte., Ltd (Project 2)
		Kampong Thma, Lak	Kampong Thma			
		Ku, Tuol Sala	Chong Doung	Baray		
		Tras, Balang, Ta Duk, Chey Mongko, Daun Daung	Ballangk			
		Bos Sbaeng, TuolTumpung, Han tvear, Trapeang Chuk, Serei Champa, Tranal	Chrolong	Baray	019L	Mr. Te Kok Eng
		Kiri Andaet, Chhuk, Tonle Voa, Sala Khum, Thmei, Neang L'a	Triel			
		Veal Touch, Kreul, Baek Chan, Ku Baraeng	Andoung Pou			
		Chranieng	Chranieng			
		Damrei Slab, Serei Sameakki Kandal, Neak Veang, Tuol Ampil, Kouk Andaet, Tuol Pophlea, Damnak, Serei Sameakki Khang Tboung	Sralau			
		Khloy Khang Kaeut	Sou Young	Baray	032L	Mr. Nhen Kong*
		Am Tong	Pongro			
		Trapeang veaeng, Poun, Chan	Chraneang	Baray	032L	Mr. Nhen Kong* (Project 2)
		Krouch, Paprak, Ruessei Lor	Svay Phleung			
		Katay, Khloy Khang Kaeut	Sou Young			

	Poun, Trapeang veaeng, Chan, Siem Rieng, Kanthum, Ou Rumchek	Chraneang,	Baray	032L	Mr. Nhen Kong* (Project 3)
	Prataong, Khnay Tong, Krouch, Trapeang Sangkae, Paprak, Ruessei Lor	Svay Phleung			
	Sangkom Mean Chey, Khnhaom	Sou Young			
	Tradak Pong, Thnal Kaeng	Pongro			
	Baray Touch, Baray Thum, Ou Suosdei, Chakto Louk, Samraong, Pou Pir	Baray	Baray	039L	Mr. Kim Chantara
	Serei Reach	Chhuk Khsach	Baray	039L	Mr. Kim Chantara (Project 2)
	Ou Suosdei, Chakto Louk, Pou Pir, Banak, Baray Thum, Samraong	Baray			
	Pradet, Ampil, Ampov Prey, Mochheay, Pophluk, Krasang Chrum Cheung, Kouk Snay, Doun L'a, Pey, Trach Chrum, Cham Bak Khpos, Lvea, Tnaot Kom, Slak Kranh, Ou Rumchek	Samprouch	Stoung	063L	Mr. Ong Hoksini
	Phteah Veal, Ta Char, Leab Tong, Chrang Sa, Bos Ta Aek, Totea, Sam K'aok, Trea, Hab	Trea			
	Pou, Chanloh, Ponlea Chey	Banteay Stoung			
	Preah Neangkoal, Sampoar, Srei Ronguet, Lieb	Chamna Kraom			
	Chheu Teal, Kampong Chen, Svay Sa, Nguon Siem	Kampong Chen Tbound			
				073L	Mr. Treung San
	Sla, Krasang, Koch Tituy, Popeay	Trea	Stoung	111L	Mr. Kong Vun*
	Trach	Kampong Chen Cheung			
	-	-	-	245L	Mr. Chhea Sokhom
	Roluos, Siem Peay, Samrang, Cheah, Luek, Prasat, Souphi, Kandaol Chas, Kandaol Thmei	Preah Damrei	Stoung	354L	Mrs. Khun Nayheak
	Beng, Banteay Stoung, Sraom Daek	Banteay Stoung			
	Pou, Botum Kaeut, Botum Lech, Bos Ta Saom	Rung Roeang			
	Bak Sna Leu	Bak Sna	Baray	367L	Mr. Soeun Sophal
	Poun, Ta Pov, Lbaeuk, Veal Spor	Kokir Thum	Baray	367L	Mr. Soeun Sophal

		Pong Tuek, Tradeat, Ponnareay, Prey Dom	Cheaung Deaung			(Project 2)
		Kroyea Choeung, Anlung Chour	Kroyea			
		Sa Kream khang Cheung, Sa Kream khang Tboung, Veal Thnal, Veal Chas, O Kasong	Sa Kream	Prasat Balang	368L	Miss. Tan Kimbouy
		Phdiek, Sochul, Prohut, Sromor	Phan Nheoum			
		Kraya Tboung, Kraya Cheung, Baray, Sangvat	Krayea			
		Prey Kuy, Bendei, Pren, Svay Khoulouk, Tiem Chas	Prey Kuy	Kampong Svay		
		Enteak Komar, Kampong Svay, Souchey, Tnaot	Kampong Svay		387L	Mrs. Pen Channa
		Balang Khang Lech	Damrei Choan Khla	Stueng Saen		
4	Kandal	Thum, Ping Pong, Kandal, Angk, Chek, Roka, Vihear, Samraong, Kor, Andoung, Ta Pech, Ampil, Ampil Los, Ta Kol, Kampong pou, Toul Krang, Svay Damnak	Krang Yov			
		Kouk Andaet	S'ang Phnum	S'ang	179L	Akisni Nhoek My Enterprise*
		Preaek Reang, Svay Damnak	Tuek Vil			
5	Siem Reap	Spean Veang, Ta Uor Sa, Phsar Khleang, Chamkar Yuon, Ta Chranieng, Ou Ta Puk, Cheay Chet, Mukh Voat, Roteang	Kampong Khleang	Soutr Nikom	127L	Mr. Houv Savy
		Peak Spea, Ou, Chak, Ta Prum, Thnal Dach, Damrei Chhlang, Prey Pros	Sangvaeuy	Chi Kraeng	129L	Mr. Chan Sok
		Ka Rolum, Ta Leav, Mkak, Pnov, Svay Chum, Trapeang Phluoh	Ta Saom	Angkor Chum	139L	Mr. Duoung Narin
		Thnal, Kbal Cham, Doun Sva, Kouk Kbat, Char Roka, Prey Totueng, Ta Toy	Char Chhuk			
		Anlong Pring Kraom, Anlong Pring Leu, Ta Kuem Kraom, Anlong Samnar, Anlong Ruessei, Samraong Thum, Chaek Khsach Leu, Chaek Khsach Kraom, Lbaeuk, Preaek Angkor Thmei	Anlong Samnar	Chi Kraeng	161L	Mr. Orng Tainglai
		Pring, Kampong, Srama, Anlong Tnaot, Ta Ream, Phniet, Kor	Chi Kraeng			

		-	-	-	164L	Vattanak N.T. Angkor*
		Rolum Run Thmey,Wat	Srae Nouy	Varin	240L	Mrs. Long Kimheng*
		Smach, Khsei, Krouch	Saen Sokh	Kralanh	311L	Mrs. Heng Symuy
		Slaeng Ta Vet	Klang Hay	Srei Snam		
		Thlok, Smach, Beng, Pongro	Tram Sasar			
6	Tboung Khmum	Ta Bang, Preaek Phdau, Kampong Chanloh Lech, Chheu Teal Ti Pir, Chheu Teal Touch, Chheu Teal Ti Muoy, Peam Knong, Pram Damleung	Peam Chileang	Tboung Khmum	122L	E.D.CON Co., Ltd
		Kouk Srok, Trapeang Srangae	Kouk Srok	Dambae	308L	Mrs. Phin Thai
		Cheach Thum, Cheach Cheung, Svay Pak, Cheach Kaeut, Char Krovan	Chong Cheach			
		Chambak, Pongro	Neang Teut			
		-	-	-	310L	Mr. Srin Chhorn
	Total	300 Villages	64 Communes	21 Districts		

Annex 14

Map showing the provinces in which Output Based Aid (OBA) Program to Promote Access to Grid Electricity for ID-Poor Households under funded by ADB, is implemented in 2017

