



Electricité Du Cambodge

Department of Rural Electrification

Report on Transferring the Real Benefits to the Rural Population for the Year 2019



Compiled by Department of the Rural Electrification Fund
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Message from Minister attached to the Prime Minister Managing Director of Electricité du Cambodge (EDC)



It gives me great pride to present the annual report of Department of Rural Electrification Fund of EDC (hereinafter called "REF") titled "Transferring the Real Benefits to the Rural Population for the year 2019" REF was established to accelerate the development of rural electrification with the aim to assist the rural population in the Kingdom of Cambodia to have access to electricity for their use.

In 2019, EDC provided REF a fund of \$84 million for extending the benefits of electrification to the population in rural area.

This fund was used by REF for providing benefit to the rural population throughout the Kingdom of Cambodia through implementation of the following 6 programs:

- 1st - **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 the costs for connection fees, deposit, equipment and the installation of wires from the connection point to its house and costs for purchase of materials and labor for the installation of in-house wiring. During 2019, 460 rural families equivalent to 2,111 persons have directly benefited from this program.
- 2nd - **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, to access electricity through SHS. REF provides a subsidy of USD 100 per SHS-80Wp and of USD 200 per SHS-200Wp with 3L DC rice cooker to rural households, as assistance to reduce the cost of the SHS and the purchaser shall pay back the amount in monthly installment without interest, in a period of four years. After the purchaser has paid the remaining cost in full, the SHS will become the property of the purchaser. during 2019, 18,000 rural families' equivalent to 82,800 persons have directly benefited from this program.
- 3rd - **Program for Providing Assistance to Improve Existing and Develop new Electricity Infrastructure in Rural Areas:** The purpose of this program is to facilitate 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 in the authorized distribution area to have access to electricity for their use. During 2019, 144 licensees have directly benefited from this program by constructing 2,036.98 km long lines.
- 4th - **Program for providing subsidy to the licensees connected to the grid system under the framework of Strategic Planning for Reduction of tariff for sale of electricity in the Kingdom of Cambodia during the years 2015 to 2020 in provinces and cities:** The purpose of this program is to provide subsidy to the licensees connected to the grid system under the framework of Strategic planning for reduction of the tariff for sale of the

electricity in the Kingdom of Cambodia during the years 2015 to 2020 in provinces and cities. During 2019, out of 316 licensees in rural areas, REF has provided subsidy to 315 licensees (1 licensee has not furnished the required data and application for subsidy yet), and out of the 49 licensees supplying electricity in the markets, REF has provided subsidy to 27 licensees (22 licensee have not furnished the required data and application for subsidy yet).

- 5th - **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 in rural areas to have access to electricity for their house from grid supply by providing a subsidy of USD 100 per household through the electricity suppliers to meet costs for the equipment and the installation of wires from the connection point to its house and costs for purchase of materials and labor for the installation of in-house wiring. During 2019, 2,019 rural families' equivalent to 8,287 persons have directly benefited from this program.
- 6th - **Program for Providing Electricity for Pumping for Agricultural Irrigation Uses:** The purpose of this program is to facilitate access to electricity from the grid system for agricultural irrigation uses at concessional rate of 480 riels per kWh for use during night time from 9:00 p.m. to 7:00 a.m. and normal rate per kWh for use during day time from 7:00 a.m. to 9:00 p.m. During 2019, REF has constructed MV and LV electricity infrastructures for giving power supply to pumping for agricultural irrigation equivalent to the line length of 76.295 km.

The above efforts have resulted in many direct and indirect benefits for millions of households across the country. This is clearly, a concrete and real progress in helping Cambodia build a stronger foundation for a sustainable economy and for social development of the country.

This report "Transferring the Real Benefits to the Rural Population for the year 2019" is compiled, in Khmer and English.

We are also grateful to the Board of Directors of EDC for their valuable input, support and guidance in transferring the real benefits to the rural population through development of electricity in Cambodia by EDC.

Minister attached to the Prime Minister
Managing Director of Electricité du Cambodge *Fo*



KEO ROTTANAK

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Chapter 1

Policies and Development Strategies of Electrical Energy Sector and Policies Concerning Rural Development and Utilization of Renewable Energy

1.1 Policies of Electrical Energy Sector of RGC of the Sixth Mandate of the National Assembly

Electrical energy is a vital need for the society and economy. Electrical energy, not only provides livelihood to the people engaged in its generation and/or supply, but also is an essential product to drive development of various other sectors of the nation. Therefore, development of the electrical energy sector is a crucial key to power economic growth, develop other sectors including rural sector and improve the living standards of the citizens of Cambodia. During the sixth mandate of the National Assembly, the Royal Government of Cambodia has the ambition to manage and strengthen the development of electrical energy sector in order to “reach and achieve the supply of sufficient, sustainable, reliable, quality and affordable electrical energy for all categories of consumers throughout the Kingdom of Cambodia.”

In the sixth mandate of the National Assembly within the framework of the fourth stage of Rectangular Strategies regarding the development of electrical energy sector, the Royal Government prioritizes over:

- Priority 1 - Continue to reduce the electricity price for the consumers, expand coverage of the national electricity network system to cover the whole country, increase stability and quality of electricity supply (Rectangular Strategy 2 – Angle 1);
- Priority 2 - Continue to expand the connectivity of electricity networks with low electricity price to workers, employees, students at rented accommodations (Rectangular Strategy 3 – Angle 1);
- Priority 3 - Continue to strengthen the development of the rural areas to be vibrant by continuing to invest for the expansion of affordable, sustainable and quality electricity supply to rural areas (Rectangular Strategy 4 – Angle 1);
- Priority 4 - Continue to motivate and increase the investment on sources of clean energy and renewable energy, especially solar energy, while reducing the production of energy from unclean sources in order to ensure long-term energy security (Rectangular Strategy 4 – Angle 4).

1.2 Developmental Strategies of Electrical Energy Sector of RGC as stated in the Sixth Mandate of the National Assembly

With the aim to “reach and achieve the supply of sufficient, sustainable, reliable, quality and affordable electrical energy for consumers of all types throughout the Kingdom of Cambodia,” the Ministry of Mines and Energy, an entity in charge of electrical sector of the Royal Government, has set out 9 items of strategies as follows:

1. Update the development of master plan of electricity sector in the Kingdom of Cambodia;
2. Continue the development of generation, transmission and distribution capacity of electricity to enable Cambodia to have sufficient electricity sources to meet the consumption demand, allow supply of electricity from national networks to cover all parts of the country including rural areas, and allow distribution of electricity to cover every village countrywide. With the aim of reducing poverty, promoting the level of livelihood and boosting development of economy of citizens at the rural

areas during the sixth mandate of the National Assembly, the Royal Government of Cambodia will continue to strengthen the development at the rural areas to be vibrant by continuing to invest on expansion of coverage of affordable, sustainable and quality electricity to the rural areas countrywide;

3. Strengthen the connectivity of electricity supply to premises that require electricity, especially those residences that are yet to have electricity for consumption, both at the urban and rural areas, in order to achieve the target of making electricity available to 90% of households by 2023;
4. Improve the provision of electricity supply services with the aim of enabling sufficient, round the clock, quality, safe, reliable, affordable electricity supply and having proper metering in both urban and rural areas;
5. Prepare and implement the plan to reduce electricity prices as well as study the possibility to reduce electricity price further, aiming to facilitate the citizen livelihood and promote investment in Cambodia;
6. Consolidate the mechanisms of the institutions to enable articulate and effective functioning of communications, roles, responsibilities, duties, hierarchies and independence amongst institutions and units in energy sector;
7. Attract the private [sectors] to join in the investment with Electricite du Cambodge so that there are sufficient investments in the electricity businesses but maintaining the management of Electricite du Cambodge over national networks which are core to the entire business;
8. Use Rural Electrification Fund in cross-subsidy, reduction of price discrepancy and transfer of capital to help development of remote rural areas in order to ensure equity in the access to electricity services between urban and rural areas;
9. Reduce the impact on natural and societal environments to a minimum by promoting the use of clean and sustainable energy sources to an extent that does not induce significant effect [and] join in the cooperation of energy sector in regional and internal frameworks.

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 department¹ 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.



¹ 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 REF² 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 2019, EDC provided REF a fund of \$84 million for extending the benefits of electrification to the population in rural area and for operation of REF.

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

1. Program for Power to the Poor (P2P),

² 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.

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,
5. Program for Promoting Access to Grid Electricity for ID Poor Households (P2P for ID Poor HH) under Output Based Aid (OBA), and
6. Program for Providing Electricity for Pumping for Agricultural Irrigation Uses.

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 follows³:

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.

3.3 Program for Transferring the Real Benefits to the Rural Population

In 2019, REF is implementing the following programs:

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

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 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 to ID Poor house, and (ii)- costs of materials and labor for the installation of in-house wiring.

Electricité Du Cambodge (EDC) has provided a fund of USD 150,000 for implementation in target provinces of Pursat, Kampong Chhnang and other provivinces. The target number of the ID Poor HH beneficiaries under this OBA program is 1,500 HHs.

3.3.6 Program for Providing Electricity for Pumping for Agricultural Irrigation Uses

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

3.4 Criterion for Implementation of Each Program

3.4.1 Criterion for P2P Program

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

A. Criterion for REEs

Criterion for REEs are as follows:

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

B. Criterion for rural Household (HH)

Criterion for rural HH are as follows:

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

3.4.2 Criterion for SHS Program

Criterion for SHS are as follows:

A. For SHS-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-325Wp 4L AC 220V Solar Cooker materials and SHS-200Wp 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 \$200 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 \$200 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.

C. 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 EAC⁴ from time to time.

3.4.5 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 target provinces of Pursat, Kampong Chhnang and other provinces, 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

⁴ 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.

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.

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 target provinces of Pursat, Kampong Chhnang and other provinces.
- 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 for 5A or 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.

3.4.6 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 Uses⁵ of EDC and EAC from time to time.

3.5 Appoitment of REF as Independent Engineer for Monotoring and Inspection of installation and commissioning of Solar Photovoltaic (PV) Power Plant

In 2019, REF was appointed as an Independent Engineer for monitoring and inspection of the installation and commissioning of the 80MW Solar Photovoltaic Power Plant in Kanpong Speu Province.

⁵ Procedure for Providing Electricity for Pumping for Agricultural Irrigation Uses in 2016.

Chapter 4
Information on the Progress, Achievements and Analysis of Each
Program Implemented by REF

Information on the progress, achievements and analysis of each program implemented by REF in 2019 are as follow:

4.1 Program for Power to the Poor (P2P)

4.1.1 Progress, Achievement and Analysis of P2P Program

One contract with one licensee for providing new connections in rural areas under Power to the Poor (P2P) was signed in 2018 and the work continued in 2019. The contract is funded by KfW. The total target number of connections under this contract is 500 rural households (HH) and the achievement by end of 2019 is 460 HH.

The licensee achieved only 460 HH within the contract period and this contract has 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 2019 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 2019

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	-	500	-	460
	Total	-	500	-	460

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 2019 is given in **Annex 1**.

In 2019, 460 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 2,116 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 2019 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 2019

No.	Province	Total number of villages (Census)	Number of villages in which P2P Program was implemented	
			funded by EDC	funded by KfW
1	Kratie	253	-	17
Total		253	-	17

List of villages covered, under funding by EDC and KfW, by P2P Program in 2019 is given in **Annex 2**.

Map showing the provinces in which P2P Program under funding by EDC and KfW, is implemented in 2019 is given in **Annex 3**.

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.

Heang Pov Enterprise (Project 4) , license No. 217L for providing electricity service at Some part of Preaek Prasab District, Kratie Province





4.2 Program for Solar Home System (SHS)

To implement SHS Program, REF uses two entities for providing the service for REF (i)- firm for supplying the SHS materials and (ii)- firm for providing services of transportation, installation, collection of payback in installment and maintenance of SHS.

4.2.1 Progress, Achievement and Analysis of SHS Program

Four types of SHS, (i)- 5,000 SHS-80Wp, (ii)- 2,000 SHS-10Wp, (iii)- 1,850 SHS-200Wp and (iv)- 1,000 SHS-325Wp 4L AC 220V Rice Cooker, has been implemented in 2019. For SHS-80Wp, SHS-200Wp and SHS-325Wp 4L AC 220V Rice Cooker materials are for sale to and installation at remote rural households. Whereas, SHS-10Wp materials are for donation to rural HHs at remote areas.

Three types of SHS, (i)- 12,000 SHS-80Wp, (ii)- 5,000 SHS-10Wp and (iii)- 1,000 SHS-200Wp 3L DC Rice Cooker, totaling 18,000 SHS was initially planned to be implemented in 2018, but due to delay in the procurement process, installation of SHS under this program was carried out in 2019.

- **Program for 12,000 SHS-80Wp, 5,000 SHS-10Wp and 1,000 SHS-200Wp 3L DC Rice Cooker, totaling 18,000 SHS (Program for implementation in 2018)**

Program for 12,000 SHS-80Wp, 5,000 SHS-10Wp and 1,000 SHS-200Wp 3L DC Rice Cooker, totaling 18,000 SHS was initially planned to be implemented in 2018, but due to delay in the procurement process, installation of SHS under this program was carried out in 2019.

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) Co., Ltd for providing services of transportation, installation, and maintenance of 12,000 SHS-80Wp and 1,000 SHS-200Wp 3L DC Rice Cooker including collection of payback in installment, and transportation and installation of 5,000 SHS-10Wp.

Provincewise information on 18,000 SHS installed to rural HHs in 2019 is given in **Table 3** below.

Table 3: Provincewise information on 18,000 SHS installed to rural HHs in 2019

No.	Province	Number of SHS installed
SHS-80Wp		
1	Battambang	1,638

2	Kampong Chhnang	616
3	Siem Reap	68
4	Stung Treng	2,543
5	Otdar Meanchey	7,135
Total SHS-80Wp		<u>12,000</u>
SHS-200Wp with 3L DC Rice Cooker		
1	Battambang	211
2	Kampong Chhnang	224
3	Preah Vihear	6
4	Siem Reap	234
5	Otdar Meanchey	325
Total SHS-200Wp		<u>1,000</u>
SHS-10Wp		
1	Battambang	1,500
2	Kampong Chhnang	500
3	Kampong Speu	500
4	Kampot	500
5	Pursat	1,500
6	Stung Treng	500
Total SHS-10Wp		<u>5,000</u>
Grand Total		<u>18,000</u>

18,000 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 82,800 persons.

Provincewise total number of villages and villages were the 18,000 SHS were installed in 2019 is given in **Table 4** below.

Table 4: Provincewise total number of villages and villages were the 18,000 SHS were installed in 2019

No.	Province	Total number of villages (Census)	Number of villages access electricity through SHS
1	Battambang	799	67
2	Kampong Chhnang	562	34
3	Preah Vihear	128	1
4	Siem Reap	923	7
5	Stung Treng	229	43
6	Otdar Meanchey	245	134
Total		2,886	286

List of villages in which 18,000 SHS have been installed in 2019 is given in **Annex 4**.

Map showing the provinces in which 18,000 SHS have been installed in 2019 is given in **Annex 5**.

- **Program for 5,000 SHS-80Wp, 2,000 SHS-10Wp and 1,850 SHS-200Wp and 1,000 SHS-325Wp 4L AC 220V Rice Cooker, totaling 9,850 SHS including 12,000 LED 5W Lamps, (Program for implementation in 2019)**

In 2019, EDC has undertaken the procurement process of firms for (i) - supplying the 5,000 SHS-80Wp, 2,000 SHS-10Wp and 1,850 SHS-200Wp and 1,000 SHS-325Wp 4L AC 220V Rice Cooker, totaling 9,850 SHS including 12,000 LED 5W Lamps (ii) - a local firm for providing services of transportation, installation, collection of payback in installment and maintenance of 5,000 SHS-80Wp, 1,850 SHS-200Wp and 1,000 SHS-325Wp 4L AC 220V Rice Cooker and transportation and installation of 2,000 SHS-10Wp, totaling 9,850 SHS.

After the procurement process is completed, EDC will implement the scheme in 2020.

4.2.2 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 their 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.

Pictures of Solar Home Systems (SHS) installed under REF Program





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

In 2019, REF has executed 162 contracts for providing assistance to improve existing and develop electricity infrastructure in rural areas with 144 licensees (16 licensees have executed 2 contracts and 1 licensee has executed 3 contracts). Out of these, 119 contracts with 105 licensees are funded by EDC and 43 contracts with 39 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 2019 is given in **Annex 6**.

Out of the 162 contracts, 100% target was achieved within the contract period for 100 contracts, whereas 62 contracts have been continued to implement in 2020.

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 2019 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 2019

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	10.20	14.10	11.50	22.40
2	Battambang	115.11	109.11	80.24	68.70
3	Kampong Cham	180.93	46.99	115.64	33.89
4	Kampong Chhnang	111.37	103.41	51.13	56.13
5	Kampong Speu	54.53	42.70	30.22	22.55
6	Kampong Thom	78.16	29.13	88.39	30.13
7	Kampot	51.51	44.61	35.63	21.21
8	Kandal	67.29	89.81	12.05	11.87
9	Kratie	62.37	12.70	32.51	12.70
10	Preah Vihear	67.47	10.40	21.67	2.40
11	Prey Veng	83.93	38.71	88.17	34.81
12	Pursat	126.50	16.34	75.97	10.30
13	Siem Reap	91.33	49.47	68.88	30.07
14	Stung Treng	-	-	10.99	7.02
15	Svay Rieng	73.78	44.34	43.66	24.48
16	Takeo	176.27	117.44	123.08	63.43
17	Otdar Meanchey	75.30	41.74	42.87	26.14
18	Kep	20.00	26.00	20.00	26.00
19	Pailin	38.84	50.86	-	-
20	Tboung Khmum	-	-	17.31	-
Total I		1,484.89	887.86	969.91	504.23
		2,372.75		1,474.14	
Funded by Kreditanstalt für Wiederaufbau (KfW)					
1	Banteay Meanchey	22.87	0.60	28.47	9.60
2	Battambang	-	-	23.07	25.10
3	Kampong Cham	19.27	9.43	24.28	6.89
4	Kampong Chhnang	32.97	46.08	24.50	59.46
5	Kampong Speu	30.22	34.05	16.00	22.00
6	Kampong Thom	14.94	4.70	8.50	-
7	Kandal	36.73	19.19	24.35	15.76
8	Koh Kong	-	-	1.00	9.00
9	Preah Vihear	-	-	15.11	6.50
10	Prey Veng	27.08	22.32	22.14	19.30
11	Pursat	-	-	4.00	-
12	Ratanak Kiri	24.47	0.24	-	-
13	Siem Reap	118.30	6.80	40.92	6.80

14	Stung Treng	30.00	-	30.00	-
15	Takeo	23.58	5.50	32.65	11.57
16	Kep	24.00	16.60	-	-
17	Pailin	-	-	10.00	-
18	Tboung Khmum	7.50	-	45.18	7.55
Total II		463.06	172.51	357.44	205.40
		635.57		562.84	
Grand total		3,008.32		2,036.98	

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 2019 is given in **Annex 7**.

In 2019, 144 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 2019 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 2019

No.	Province/city	Total number of villages (Census)	Number of villages access electricity	
			Funded by EDC	Funded by EDC
1	Banteay Meanchey	661	9	20
2	Battambang	799	32	6
3	Kampong Cham	916	107	17
4	Kampong Chhnang	562	30	22
5	Kampong Speu	1,358	27	10
6	Kampong Thom	738	69	6
7	Kampot	488	23	-
8	Kandal	912	19	33
9	Koh Kong	117	-	1
10	Kratie	250	30	1
11	Preah Vihear	229	11	3
12	Prey Veng	1,137	51	33
13	Pursat	501	65	1
14	Siem Reap	924	37	20
15	Preah Sihanouk	111	-	10
16	Stung Treng	128	3	2
17	Svay Rieng	690	26	-
18	Takeo	1,118	83	22
19	Otdar Meanchey	286	18	-
20	Kep	18	7	-

21	Pailin	79	-	1
22	Tboung Khmum	865	-	27
Total		12,887	647	235
Grant total			882	

Remark: Out of 882, 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 2019 is given in **Annex 8**.

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 2019 is given in **Annex 9**.

4.3.2 Site Inspection Activities on Implementation of Program

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.

Mr. Chhun Ly having license No. 170L for Providing Electricity Service at Khum Kokythom, Kien Svay District, Kandal 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 2019, REF has provided subsidy to licensees for reduction of the rate and gap of tariff for sale of electricity in rural areas and the in the markets as below:

1. Out of 316 licensees in rural areas, REF has provided subsidy to 315 licensees and 1 licensee has not furnished the required data and application for subsidy yet,
2. Out of the 49 licensees in the markets, REF has provided subsidy to 27 licensees and 22 licensee have not furnished the required data and application for subsidy yet.

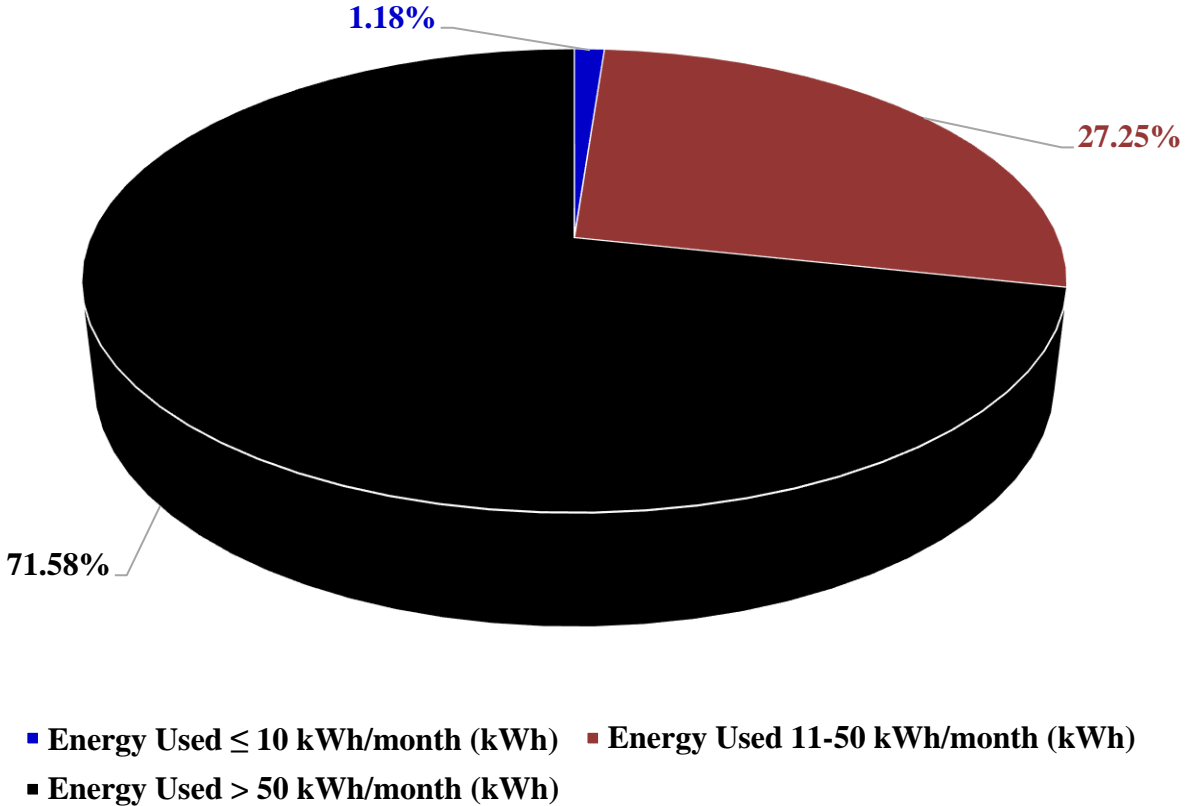
Provincewise summary information on number of customer and quantity of energy for which REF has disbursed subsidy to the licensees in 2019 for the cycle 2018 is given in **Table 7** and for the cycle 2019 is given in **Table 8** below.

Table 7: Provincewise summary information on number of customer and quantity of energy for which REF has disbursed subsidy to the licensees in 2019 (Cycle 2018)

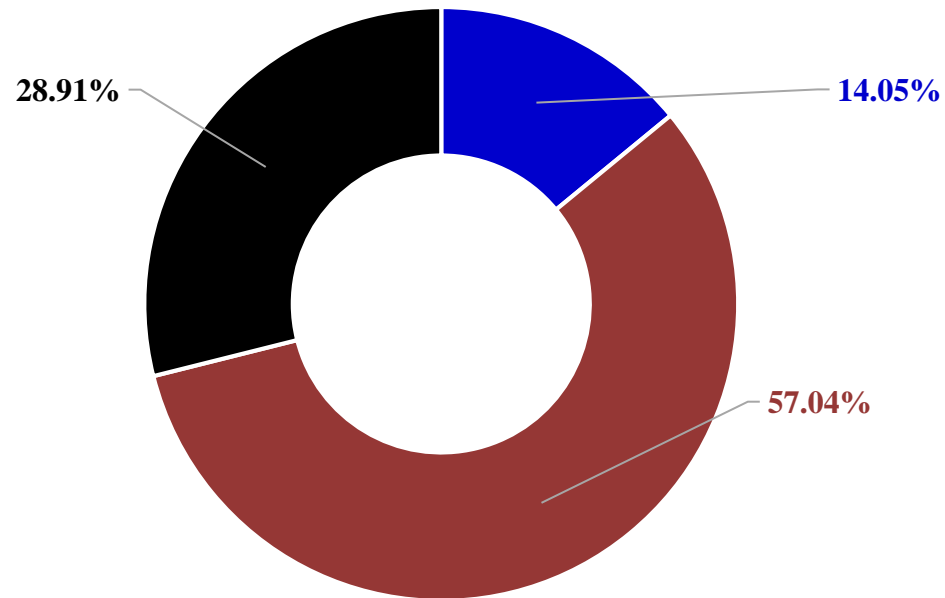
No.	Province/City	Number of customer and quantity of energy for which subsidy disbursed by REF						Total	
		Customer			Energy (kWh)			Customer	Energy (kWh)
		≤10 kWh/month	11-50 kWh/month	>50 kWh/month	≤10 kWh/month	11-50 kWh/month	>50 kWh/month		
1	Banteay Meanchey	13,329	46,191	19,761	63,983	1,256,307	2,460,251	79,281	3,780,541
2	Battambang	13,197	53,665	27,854	65,851	1,662,340	3,650,793	94,716	5,378,984
3	Kampong Cham	20,341	83,335	35,506	117,071	2,406,527	4,871,209	139,182	7,394,807
4	Kampong Chhnang	9,700	43,765	20,128	56,732	1,217,066	2,889,634	73,593	4,163,432
5	Kampong Speu	9,617	55,180	29,541	70,795	2,518,225	5,840,310	94,338	8,429,330
6	Kampong Thom	15,661	46,202	18,661	90,001	1,347,289	3,253,574	80,524	4,690,864
7	Kampot	14,459	50,090	21,165	108,102	1,990,255	3,558,723	85,714	5,657,080
8	Kandal	17,070	87,080	78,793	95,218	3,693,215	16,663,490	182,943	20,451,923
9	Koh Kong	1,282	4,703	3,458	5,780	136,910	711,626	9,443	854,316
10	Kratie	3,596	11,063	4,547	20,071	286,546	616,382	19,206	922,999
11	Phnom Penh	259	1,364	2,456	743	44,036	417,022	4,079	461,801
12	Preah Vihear	3,645	9,503	5,478	155,918	304,562	1,089,571	18,626	1,550,051
13	Prey Veng	21,384	87,664	25,115	156,897	3,602,172	7,929,214	134,163	11,688,283
14	Pursat	11,026	39,517	18,095	60,865	1,170,774	2,920,178	68,638	4,151,817
15	Ratanak Kiri	509	2,566	2,576	2,387	74,203	467,702	5,651	544,292
16	Siem Reap	12,400	46,843	16,753	131,268	2,700,996	5,233,417	75,996	8,065,681
17	Preah Sihanouk	1,650	7,740	9,989	5,522	244,598	1,656,516	19,379	1,906,636
18	Stung Treng	404	1,246	1,207	1,963	42,369	283,018	2,857	327,350

19	Svay Rieng	1,926	9,524	3,799	11,210	272,260	408,973	15,249	692,443
20	Takeo	16,423	81,332	40,407	81,383	2,548,412	6,132,401	138,162	8,762,196
21	Otdar Meanchey	2,927	9,613	6,245	25,242	371,467	1,729,496	18,785	2,126,205
22	Kep	705	3,324	3,901	3,024	104,005	770,289	7,930	877,318
23	Pailin	589	2,464	2,466	2,351	78,533	520,368	5,519	601,252
24	Tboung Khmum	15,165	57,335	28,506	81,469	1,568,506	3,660,595	101,006	5,310,570
Total		207,264	841,309	426,407	1,278,884	29,641,573	77,869,714	1,474,980	108,790,171

Graphic show on Quantity of Energy Used ≤ 10 kWh/month, 11-50 kWh/month and > 50 kWh/month Which Disbursed by REF in 2019 (Cycle 2018), (%)



Graphic show Customer Used Energy ≤ 10 kWh/month, 11-50 kWh/month and > 50 kWh/month Which Disbursed by REF in 2019 (Cycle 2018), (%)



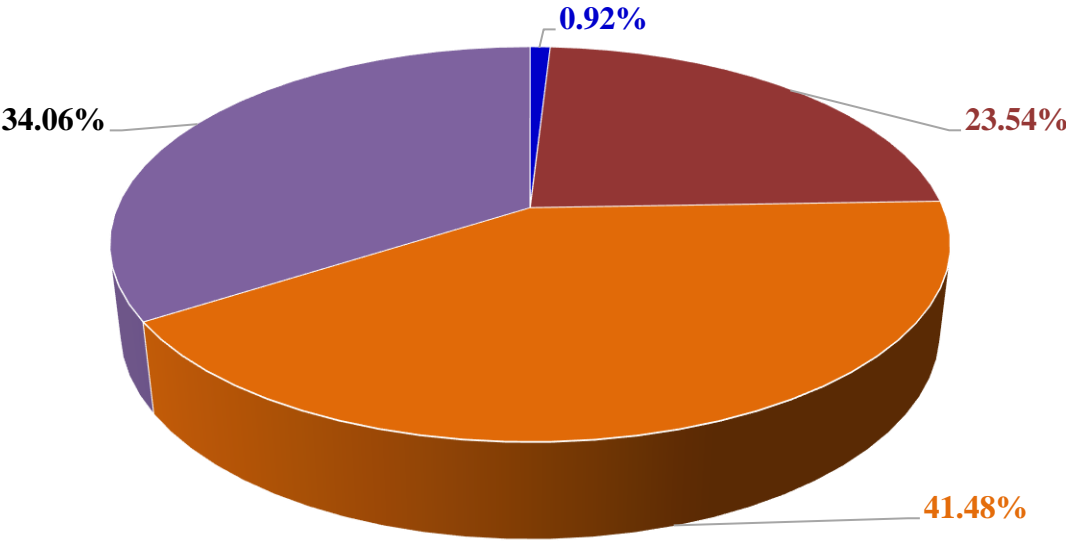
- Customer Used Energy ≤ 10 kWh/month (kWh)
- Customer Used Energy 11-50 kWh/month (kWh)
- Customer Used Energy > 50 kWh/month (kWh)

Table 8: Provincewise summary information on number of customer and quantity of energy for which REF has disbursed subsidy to the licensees in 2019 (Cycle 2019)

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	51-200 kWh/month	>200 kWh/month	≤10 kWh/month	11-50 kWh/month	51-200 kWh/month	>200 kWh/month		
1	Banteay Meanchey	11,932	45,767	23,620	3,641	530,170	13,726,280	23,639,502	13,224,155	84,960	51,120,107
2	Battambang	12,693	52,062	31,401	7,050	612,067	16,181,110	30,119,034	19,270,814	103,206	66,183,025
3	Kampong Cham	19,362	85,900	40,684	8,502	1,095,869	25,501,892	36,314,453	25,406,842	154,448	88,319,056
4	Kampong Chhnang	8,690	46,427	23,615	5,083	556,126	13,775,322	21,151,770	16,805,917	83,815	52,289,135
5	Kampong Speu	9,205	51,424	39,392	6,419	427,178	15,948,718	31,753,060	22,072,260	106,440	70,201,216
6	Kampong Thom	15,143	53,911	21,387	6,631	831,758	14,679,909	19,424,083	20,676,435	97,072	55,612,185
7	Kampot	13,143	49,091	26,486	5,578	710,372	14,345,079	22,478,409	13,737,971	94,298	51,271,831
8	Kandal	18,981	86,995	86,096	26,075	705,930	27,448,526	78,564,280	72,673,022	218,147	179,391,758
9	Koh Kong	1,080	4,348	4,081	1,729	46,501	1,434,247	3,998,365	5,246,430	11,238	10,725,543
10	Kratie	3,710	12,928	6,088	943	208,723	3,599,034	5,797,000	3,465,825	23,669	13,070,582
11	Phnom Penh	593	1,431	2,123	14,379	48,933	1,184,812	3,310,516	10,136,306	18,526	14,680,567
12	Preah Vihear	3,887	11,439	6,152	1,077	136,079	2,433,493	5,356,267	7,622,917	22,555	15,548,756
13	Prey Veng	18,927	93,845	37,221	6,678	1,080,793	27,032,923	29,983,661	20,920,531	156,671	79,017,908
14	Pursat	9,139	40,025	20,532	7,073	492,405	11,549,691	18,346,005	20,409,455	76,769	50,797,556
15	Ratanak Kiri	614	2,702	2,224	1,327	26,744	821,500	2,406,477	3,047,936	6,867	6,302,657

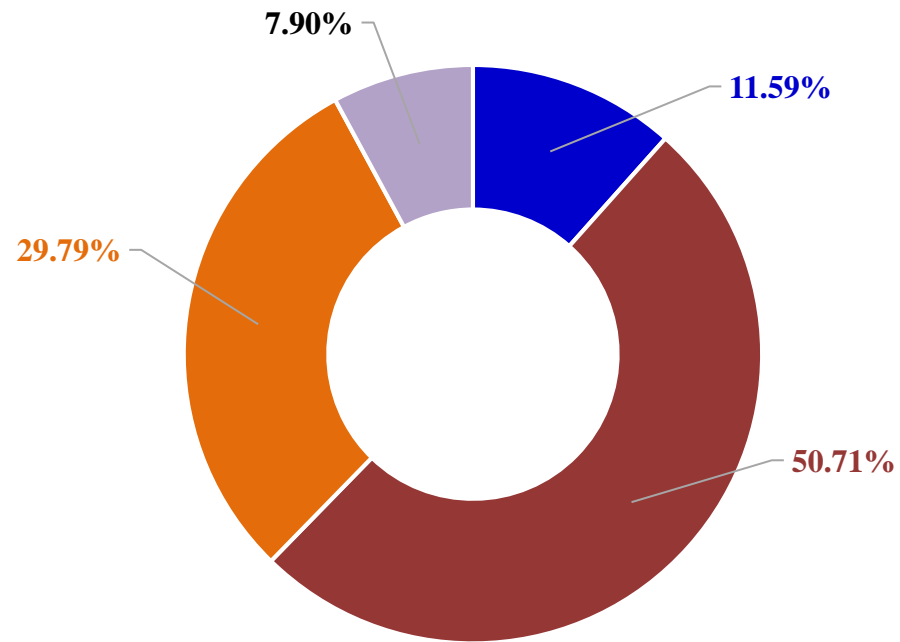
16	Siem Reap	11,639	51,365	22,639	5,264	625,271	14,246,671	20,156,935	16,169,017	90,907	51,197,894
17	Preah Sihanouk	1,803	6,736	9,716	3,484	59,826	2,512,853	9,611,965	10,851,768	21,739	23,036,412
18	Stung Treng	373	1,401	1,189	352	15,236	399,142	1,227,283	1,523,175	3,315	3,164,836
19	Svay Rieng	1,690	10,114	5,104	429	113,276	3,091,242	4,213,358	1,405,082	17,337	8,822,958
20	Takeo	14,468	74,650	51,652	10,826	725,395	25,109,525	44,495,492	26,902,784	151,596	97,233,196
21	Otdar Meanchey	2,822	10,850	6,459	2,493	144,387	3,104,633	6,591,110	10,384,172	22,624	20,224,302
22	Kep	692	3,361	4,316	1,337	26,515	1,127,943	4,218,586	6,034,759	9,706	11,407,803
23	Pailin	659	2,330	2,575	1,042	23,385	766,179	2,863,347	3,992,218	6,606	7,645,129
24	Tboung Khmum	14,963	59,121	29,353	6,344	800,577	16,615,441	26,327,055	19,396,364	109,781	63,139,437
Total		196,208	858,223	504,105	133,756	10,043,516	256,636,165	452,348,013	371,376,155	1,692,292	1,090,403,849

Graphic show on Quantity of Energy Used ≤ 10 kWh/month, 11-50 kWh/month, 51-200 kWh/month and > 200 kWh/month Which Disbursed by REF in 2019 (Cycle 2019), (%)



- Energy Used ≤ 10 kWh/month (kWh)
- Energy Used 11-50 kWh/month (kWh)
- Energy Used 51-200 kWh/month (kWh)
- Energy Used > 200 kWh/month (kWh)

Graphic show Customer Esed Energy \leq 10 kWh/month, 11-50 kWh/month, 51-200 kWh/month and $>$ 200 kWh/month Which Disbursed by REF in 2019 (Cycle 2019), (%)



- Customer Used Energy \leq 10 kWh/month (kWh)
- Customer Used Energy 11-50 kWh/month (kWh)
- Customer Used Energy 51-200 kWh/month (kWh)
- Customer Used Energy $>$ 200 kWh/month (kWh)

4.5 Program for Promoting Access to Grid Electricity for ID Poor Households (P2P for ID Poor HH)

4.5.1 Progress, Achievement and Analysis of Program

In 2019, 23 contracts with 19 licensees (4 licensee has 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 EDC. The total target number of connections under these 23 contracts is 2,111 ID-Poor HH and the achievement during 2019 is 2,019 ID-Poor HH.

Provincewise information on licensees who have executed contracts, funded by EDC, with REF for getting grant assistance to Promote Access to Grid Electricity for ID Poor Households in rural areas in 2019 is given in **Annex 10**.

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 under OBA Program to Promote Access to Grid Electricity for ID Poor HH in 2019 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 EDC under OBA Program to Promote Access to Grid Electricity for ID Poor HH in 2019

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	Battambang	78	35
2	Kampong Cham	462	100
3	Kampong Chhnang	100	179
4	Kampong Thom	581	576
5	Kandal	48	-
6	Kratie	200	100
7	Preah Vihear	80	39
8	Pursat	156	709
9	Siem Reap	286	161
10	Takeo	120	120
Total		2,111	2,019

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 under OBA Program to Promote Access to Grid Electricity for ID Poor HH in 2019 is given in **Annex 11**.

In 2019, 2,019 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 9,287 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 under funding by EDC, was implemented in 2019 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 under funding by EDC, was implemented in 2019

No.	Province	Total number of villages (Census)	Number of villages in which OBA program was implemented
1	Battambang	799	7
2	Kampong Cham	916	4
3	Kampong Chhnang	562	26
4	Kampong Thom	738	60
5	Kampot	488	2
6	Kratie	250	15
7	Preah Vihear	229	8
8	Pursat	501	129
9	Siem Reap	924	24
10	Takeo	1,118	27
11	Otdar Meanchey	254	1
Total		6,779	303

List of villages covered, under funding by EDC, by OBA Program to Promote Access to Grid Electricity for ID Poor HH was implemented in 2019 is given in **Annex 12**.

Map showing the provinces in which OBA Program under funding by EDC, is implemented in 2019 is given in **Annex 13**.

4.5.2 Site Inspection Activities on Implementation of this 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.

Mr. Hong Sengkry (Project 3) having license No. 400L for Providing Electricity Service at Some part of Kampong Tralach District, Kampong Chhnang Province and Khum Batheay, Batheay District, Kampong Cham Province





4.6 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 480 riel per kWh for use during night time from 9:00 p.m. to 7:00 a.m.

4.6.1 Progress, Achievement and Analysis of Program

In 2019, E.M Construction has been supplying materials and doing construction of electricity infrastructures for giving power supply to pumping for agricultural irrigation in the licensed area of licensee Mrs. Kim Siphah having license No. 382L. The licensed area of the licensee is some part of Kandeang, Bakan Districts and Krong Pursat, Pursat Province. The constructed electricity infrastructure is as follow:

- Medium Voltage (MV): AAC, 3x70 mm² and accessories with the quantity of 27.38km;
- Low Voltage (LV): ABC, 4x70 mm² and accessories with the quacity of 48.925km;
- Installed transformers and accesories with the quantity of 22 Sets;
- Installed Prepaid Time of Use (TOU) Meter with the quantity of 22 Sets.

4.6.2 Site Inspection Activities on Implementation of this Program

To ensure that the implementation of this program is implemented in a transparent and proper manner, REF staff verified the material and quantity of the infrastructures constructed. Some physical activities of material and quantity of the electricity infrastructures for pumping for agricultural irrigation verification are shown pictorially below.

Mrs. Kim Siphil having license No. 382L for Providing Electricity Service at some part of Kandeang, Bakan Districts and Krong Pursat, Pursat Province



Chapter 5
Information on the Appoitment of REF as Independent Engineer for
Monitoring and Inspection of the installation and commissioning of 80MW Solar
Photovoltaic Power Plant

In 2019, REF was appointed as an independent engineer for monitoring and inspection of the installation and commissioning of 80MW Solar Photovoltaic (PV) power plant in Kampong Speu Province.

In 2019, REF has monitored and inspected of the installation and commissioning of 80MW Solar Photovoltaic (PV) power plant in Kampong Speu Province. Some physical activities of the mornitoring and inspection of the development of 80MW Solar Photovoltaic (PV) power plant in Kampong Speu Province are shown pictorially below.

Some physical activities of the mornitoring and inspection of the development of 80MW Solar Photovoltaic (PV) power plant in Kampong Speu Province



Annex 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 present position funded by EDC and KfW under P2P Program in 2019

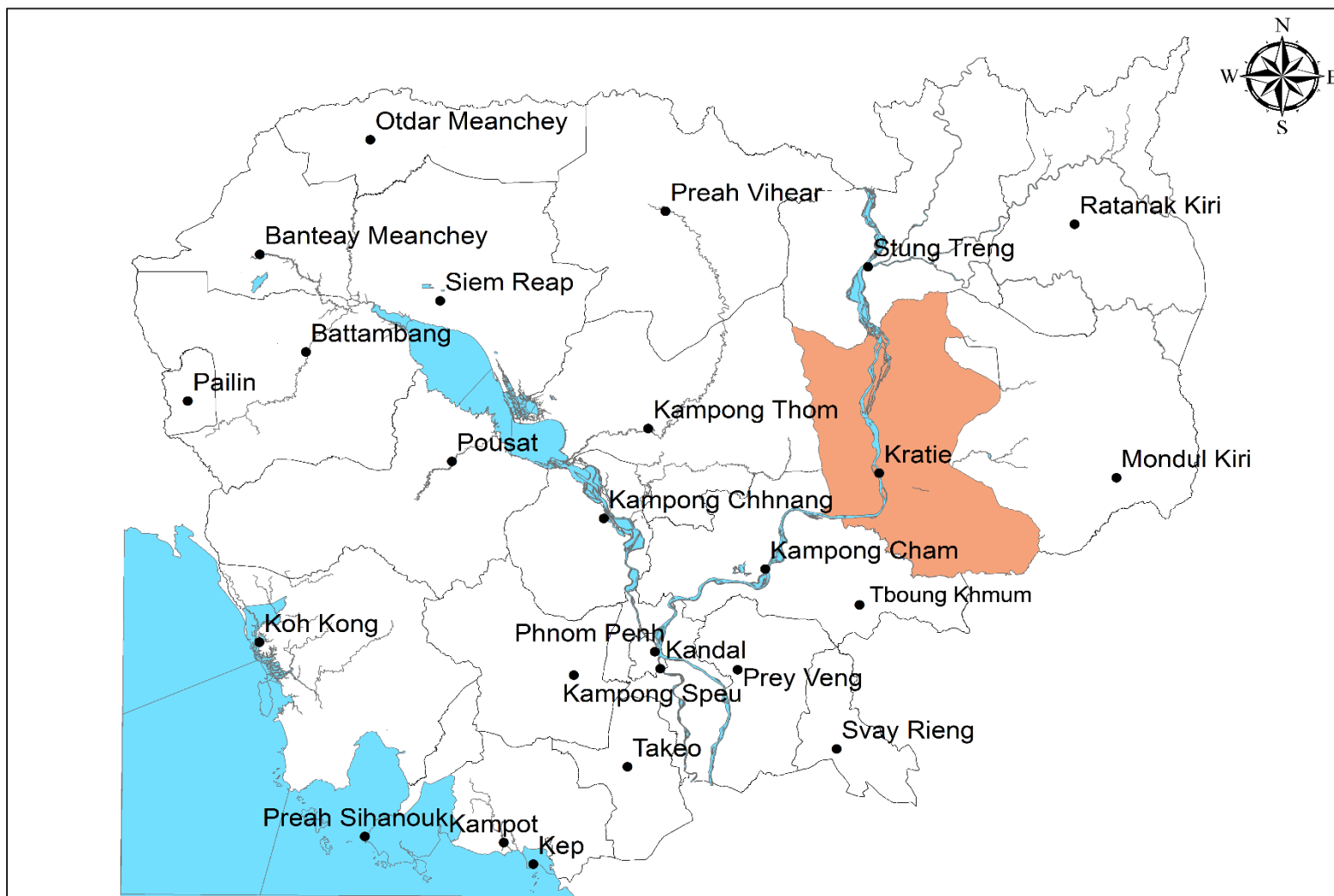
Province	License No.	Name of Licensee	Contracted target number of rural HH to be connected to supply system, (HH)	Number of rural HH connected to supply system, (HH)	Remark
Funded by Electricité Du Cambodge (EDC)					
-	-	-	-	-	-
Funded by Kreditanstalt für Wiederaufbau (KfW)					
Kratie	217L	Heang Pov Enterprise (Project 4)	500	460	Disbursed and Closed
Total			500	460	

Annex 2
List of villages covered, under funding by EDC and KfW, by P2P Program in 2019

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	Chambak 1, Chambak 2, Chrouy Ampil 1, Chrouy Ampil 2, Chrouy Thmar, Stung Thum	Chambak	Preaek Prasab	217L	Heang Pov Enterprise (Project 4)
		Preaek Svay, Kraham Kor Kraom, Kraham Kor Leu, Ta Mau Kraom, Stung Tro, Ta Mau Kandal, Khsath	Ta Mau			
		Ruessei Kaev, Svay Chrum, Sralav Damank, Boeng Rey	Ruessei Kaev			
	Total	17 Villages	3 Communes	1 District		

Annex 3

Map showing the provinces in which P2P Program under funding by EDC and KfW, is implemented in 2019



Annex 4
List of villages in which 18,000 SHS have been installed in 2019

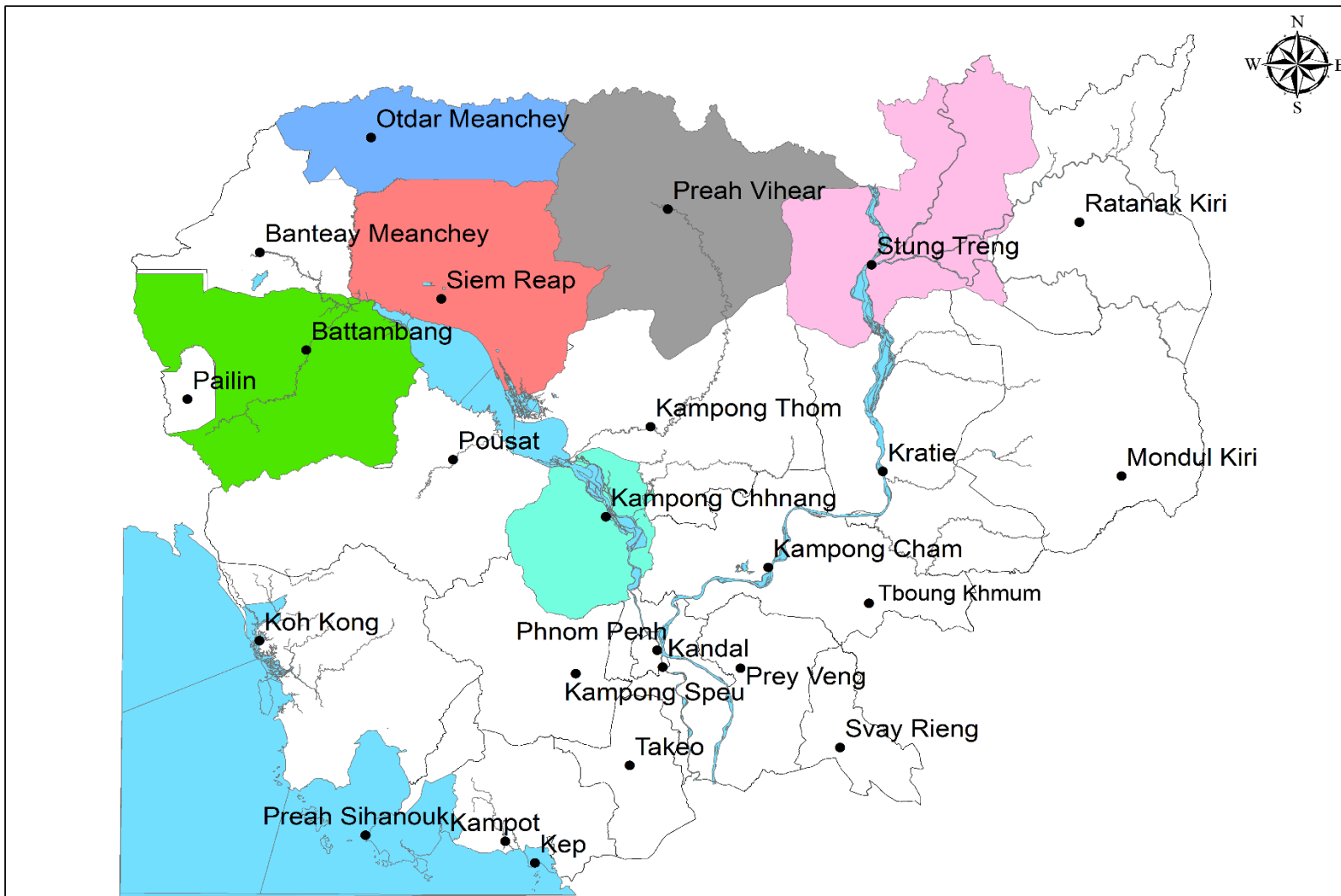
No.	Province	Number of villages access electricity through SHS	Commune	District
1	Battambang	Ta Khor, Kouy Veng, Boeng Preah Kralanch	Preas Phos	Koas Krala
		Kouk Roka, Anlong Mien, Ballangk Meanchey	Doun Ba	
		Prey Sen, Prey Totoeng, Samraong,	Chhnal Mean	
		Ta Pung Tboung	Ta Pung	Thma Koul
		Thmei	Bansay Traeng	
		Sophy	Anlong Run	
		Boeng Krala, Boeng Thoung	Boeng Pram	Bavel
		Thmei, Boeng Popoul	Ampil Pram Daeum	
		Thmei	Kantueu Muoy	Banan
		Ou Slab Pang	Ta Kream	
		Chamkar Samraong Muoy	Chamkar Samraong	Krong Bat Dambang
		Brasoeng	Prey Touch	
		Tuol Prum Pir	Kakaoh	Moung Ruessei
		Bos Pouy	Moung Ruessei	
		Anlong Trach	Robas Mongkol	
		Ta Krouk	Traeng	Rotonak Mondol
		Kandal Stung	Andaek Haeb	
		Resmay Sangha, Ou Khmum	Rasmey Sangha	
		Sambok Aok	Kampong Prieng	Sangkae
		Kampong Preah	Kampong Preah	
		Boeng Toem	Ta Pun	
		Chhouk Tradork	Roka	
		Damnak Dang Kor	Reang Kesei	
		Prey Thom, Stung Toch, Ou Choam Krom, Ou Deum Chek	Kampong Lpov	Samlout
		Ou Totoem	Ta Sanh	
		Chamlor Meang Leu	Ou Samrel	
		Veal Roleum, Ou Traeng	Ta Taok	

		Damnak Ampil, Tuol Kokos, Tuol Khvav, Ou Koul Samyong	Barang Thleak	Phnom Proek	
		Damnak Beng, Bos Sa'om, Buor, Phnum Pram Pir, Spean Tumnaeb, Anlong Kroch	Bour		
		Ou Thom	Phnom Proek		
		Dei L'aor	Ou Rumduol		
		Ou, Phnom Toch	Pech Chenda		
		Chamkar Ta Pun, Sralau Chrum, Ou Kach, Tnal Bort, Tuol Chrey	Chrey Seima		Sampov Lun
		Kumnou Beng, Tuol Krasang, Ou Kokir, Ou Krous, Ou Trav Chou	Serei Mean Chey		
		Tnal Bort, Tuol Chrey	Sampov Lun		
2	Kampong Chhnang	Kaoh Sleng, Kou Chrum, Bort Trang, Kaoh Lout	Kaoh Thkov	Chol Kiri	
		Kien Ta Ma, Kampong Aos	Kampong Aos		
		Kampong Khlach, Tunle Krau, Ruessei Dang Kouch, Phlong	Chol Sar		
			Peam Chhkaok		
		Kang Meas, Kaoh Keo, Kampong Rang	Svay Chrum	Rolea B'ier	
		Kanleng Phe	Kouk Banteay		
			Prasnoeb		
		Chun Leav, Prey Sampov, Chaou	Chhuk Sa	Kampong Tralach	
		Prey Pear, Chroulong Kay Sna	Krang Skear	Tuek Phos	
		Phnom Ta Sam, Trapeang Mlou	Kbal Tuek		
		Prey Chrov, Khveut Tuol Kleang	Chhnok Tru	Baribour	
		Chhnok Tru, Seas Slab, Kanthor			
		Kaoh Ta Mov, Preaek Spean, Stoeng Chrouv	Kampong Preah Kokir		
		Krang Samraong, Kiri Akphivoadth, Royeas	Chhean Laeung	Sameakki Mean Chey	
Chrok Kov	Peam				
3	Preah Vihear	Phnom Tael	Srayang	Kuleaen	
4	Siem Reap	Rolum Run Thmei	Srae Nouy	Varin	
		Ta Peur	Ta Siem	Svay Leu	
		Srae Robang	Boeng Mealea		
		Kramom Boul, Rong Reung, Phchik Chrum, Akphivoath	Kantout		
5	Stung Treng	Koah Praeh	Kaoh Preah	Siem Bouk	
		Sma Kaoh	Kaoh Sralay		
		Kaoh Chrim	Ou Mreah		

		Tun Saong, Siem Bouk, Ou Leng	Siem Bouk	Thala Barivat	
		Srae Beng	Ou Ruessei Kandal		
		Kang Ka'Ork, Kang Cham, Kaes, Kampong Pang, Doung	Kang Cham		
		Anlong Kramoun, Chaeng Maeng	Srae Ruessei		
		Pong Tuek, Trapeang Thum, Ou Rai	Ou Rai		
		Kamphlang, Chamkar Leu, Run, Hang, Rumdeng, Anlong Thmar	Chamkar Leu		
		Chhvang, Sam Ang	Sam Ang		
		Mon, Anlong Chrey, Anlong Sa'Am	Anlong Chrey		
		Ph'av	Anlong Phe		
		Kbal Romeas Chas, Krabei Chrum	Kbal Romeas		Sesan
		Ksach Thmei, Ta Lat, Rum Port, Svay Rieng	Ta Lat		
		Nheun	Sdau		
		Katout, Sesan	Kamphun		
		Kaoh La'ou, Krala Peas	Preah Rumkeul		Borey Ou Svay Saen Chey
		I'bouk	Ou Svay		
		Praek, Spen Thmar	Stueng Traeng		Krong Stueng Traeng
		6	Otdar Meanchey		Ta Dev, Tuol Svay Saen Chey, Tun Nob, Ou Sramor, Thmei, Trapeang Tav, Ou Ang'rae, Tuol Prasat, Trapeang Tav Chas, Slaeng Por
Chaom, Cheung Phnum, Tuek Chum, Tumnub Leu, Boeng, Santhipheap, Sammakki, Ou Kra'Nhong, Tuek Chub, Sras Chhouk, Khleang Kandal	Trapeang Prei				
Chheu Teal Chrum, Thmei, Tuol Kralach, Tuol Prasat, Tuol Prich, Ou Run, Ou Sralav	Thlat				
Kouk Sampor, Char, Rohal, Chub Ta Mouk Saen Chey, Trapeang Thum, Tnal Dach, Lumtong Chas, Sralav Sroung, Ou Kokir Kandal, Ou Kokir Kraom, Ou Kokir Leu	Lumtong				
Kaoh Thmei, Prolean, Yeang Kang Tboung, Rum Chek, Kandal Kraom, Rum Chek Keut, Rum Chek Lech, Ou Ta Maeng	Anlong Veng				
Peam Knong	Ou Svay			Trapeang Prasat	
Khnorng Tuol Meanchey	Ph'av				
Dei Kraham, Pean Meas, Srae Krasang, Tnal Keng, Ou Rumdeng, Ou Trach	Trapeang Prasat				
		Kouk Chhouk, Chroeng Kang Keut, Chroeng Kang Lech, Dang Tong,	Koun Kriel	Krong Samraong	

	Trapeang Toung, Rumdoul Cheung Phnum, Sras Prich, Ou Ruessei, Koun Kriel, Kdol, Kouk Chanry, Kouk Prasat, Kouk Plouk, Kouk Ampil, Chhouk Meas, Trapeang Sleng, Bos, Sok'kdom Rum'near, Samraong Saen Chey Mouy, Samraong Saen Chey Pir, Trapeang Veng, Prasat Rovieng, Tnal Bort, Kirivaon, Cham Saen Chey		
	Khnach Ruessei, Tnot, Pou Vong, Rumdoul Veasna, Ou Bat Dav, Trapeang Trav, Trapeang Ma'orm Saen Chey, Bansay Reak	Bansay Reak	
	Bak Toem	Samraong	
	Daeum Chrey, Sras Tuek, Ou Kla Khmum	Ou Smach	
	Tunle Sar, Chheu Slab, Bos Thum, Saenmonorom Mouy, Saenmonorom Pir	Kouk Khpos	
	Kanchreab, Kouk Mon, Ta Mon Saen Chey, Thmar Doun, Neak'reach, Rumchong, Sithserey Chas, Haknook Man, Tuol Thum	Kouk Mon	
	Kantuy Choun, Koun Sek Techo, Krasang Thmei, Kralor Saen Chey, Kouk Kei, Chang Kran Yeak Akphivaoth, Dangkor Ta Pun, Pou Saen Chey, Maly Sraong, Saen Chey, Samraong Ta Hai, Samraong Teab, Trapeang Svay	Beng	Banteay Ampil
	Daun Tear, Pong Tuek, Rumdoul Saen Chey, Haleam Saen Chey	Ampil	
	Khnar, Kouk Thum, Chek Kbour, Rolum Veng	Krasang	
	Bak Veng, Bak Veng Thmei	Chong Kal	Chong Kal
	Kouk Sangkae, Sras Keo	Pongro	
	286 Villages	93 Communes	30 Districts

Annex 5
Map showing the provinces in which 18,000 SHS have been installed in 2019



Annex 6

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 2019

Province/ city	Area of supply	License No.	Name of Licensee	Source of Supply
Funded by Electricité Du Cambodge (EDC)				
Banteay Meanchey	Some part of Khum Svay Chek and Khum Rolous, Svay Chek District	190L	Mr. Mak Van	EDC
	Some parts of O-Chrov and Svay Chek Districts and Krong Poipet	276L	Mr. Chun Rithy (Project 3)	EDC
	Some part of Preah Netr Preah and Phnum Srok District	351L	Mr. Tep Makara (Project 3)	EDC
Battambang	Some part of Rotonak Mondol and Banan District	069L	Mr. Nob Bin (Project 5)	EDC
	Khum Ruessei Krang, Moug Ruessei District	072L	Mr. Ya Sambat*	EDC
	Some part of Thmarkol District	201L	Mr. Ou Chanrat (Project 3)	EDC
			Mr. Ou Chanrat (Project 4)	EDC
	Some part of Lhum Lvea and Khum Prey Khpos, Bavel District	242L	Mrs. San Chhan (Project 4)	EDC
	Some part of Sangkae and Moug Reussey Districts	246L	Mr. Samnang Sathia (Project 3)	EDC
	Some part of Sangkae District and Khum Samraong Knong, Aek Phnum District	262L	Mrs. Tin Tong (Project 3)	EDC
	Some part of Banan, Thmarkol and Bavel Districts	270L	Electrical Otaki Trading (EOT) (Project 4)	EDC
	Some part of Bovel and Thmarkol Districts	282L	Mrs. Soeurn Sophornnara (Project 4)	EDC
	Some part of Moug Reussey and Rukha Kiri Districts	303L	SVRA Electricity Service Enterprise* (Project 8)	EDC
	Some part of Rotanak Mondol District	309L	Mr. Ngov Lyhour	EDC
	Some part of Khum Cheng Meanchey, Banan District	330L	Mr. Lonh Savan (Project 6)	EDC
Mr. Lonh Savan (Project 7)			EDC	
Kampong Cham	Some part of Prey Chhor, Kang Meas, Chamkar Leu, Stung Trang and Kampong Siem Districts	023L	Mekong Smart Power* (Project 8)	Electricity Skon- Chamkarleu

	Some part of Chamkar Leu District	038L	Tnal Bek Chamkar Leu Electricity (Project 4)	Electricity Skon-Chamkarleu
	Some part of Cheung Prey District	047L	Sor Malis Electricity Enterprise (Project 4)	Electricity Skon-Chamkarleu
	Some part of Stung Trang District	060L	Mrs. Eam Sreng (Project 3)	Electricity Skon-Chamkarleu
	Some part of Chamkar Leu and Stung Trang Districts	075L	Mr. Chhay Kimhuor (Project 3)	Electricity Skon-Chamkarleu
	Some part of Khum Mepring and Khum Batheay, Batheay District	159L	Khun Sopheap Co., Ltd (Project 5)	Electricity Skon-Chamkarleu
	Some part of Srei Santhor District	207L	Mr. Lay Veng Kheang	Kampong Som Electrictry
	Some parts of Khum Sambor and Khum Chealea, Batheay District	216L	Sambo Electricity (Project 3)	TPLC Holdings
	Some part of Cheung Prey District	286L	Mrs. Sou Rong (Project 4)	Electricity Skon-Chamkarleu
	Some part of Steung Trang District	292L	Mr. Seng Kry (Project 3)	EDC
	Some part of Kampong Siem District	340L	Mr. Luon Sopheap	EDC
	Khum Koh Sotin, Koh Sotin District and Khum Koh Mit, Kampong Siem District	363L	Mr. Leang Phalla (Project 2)	EDC
	Some part of Steung Trang District	369L	Mr. Dy Piseth (Project 2)	EDC
			Mr. Dy Piseth (Project 3)	EDC
	Some part of Khum Batheay, Batheay District	400L	Mr. Hong Sengkry* (Project 3)	EDC
	Some part of Khum Ta Prok and Khum Chamkar Andoung, Chamkar Leu District	447L	Mrs. Nhek Sokon	BVC Power Development
Kampong Chhnang	Some part of Kampong Tralach, Sameakki Mean Chey and Tuek Phos Districts	041L	Ty Sokun (TSK) Electricity (Project 3)	OSVR Trading
	Some part of Rolea B'ier District and Krong Kampong Chhnang	051L	Oung Sovanny Electricity Development	OSVR Trading
	Khum Chhean Leung, Samaki Meanchey District	393L	Mr. Touch Kakada* (Project 2)	EDC
	Some part of Kampong Tralach District	400L	Mr. Hong Sengkry* (Project 3)	EDC

	Some part of Kampong Tralach and Sameakki Mean Chey Districts	415L	Mrs. Ker Varin* (Project 4)	OSVR Trading
	Some part of Khum Koh Thkov, Cholkiri District, Kampong Tralach, Tuek Phos, Rolea B'ier and Sameakki Mean Chey Districts	416L	Mr. Or Joly (Project 4)	OSVR Trading
		421L	Mrs. Live Sok Hourng (Project 2)	OSVR Trading
	Khum Peam Chhkaok, Chol Kiri District	424L	Mr. Suon Sophanith	EDC
	Khum Prasnoeb, Rolea B'ier District and some part of Krang Skear, Tuek Phos and Baribour District	429L	Mrs. En Chantha	OSVR Trading
	Some part of Khum Khnar Chhmar, Sameakki Mean Chey and Kampong Tralach Districts	448L	Mr. Or Chamroeun	OSVR Trading
Kampong Speu	Some parts of Phnum Sruoch District	082L	AKISNY PICHNIL L.S.K Enterprise* (Project 5)	EDC
	Some part of Kong Pisei and Basedth Districts	101L	Tov Chhinseng ** (Project 4)	EDC
			Tov Chhinseng ** (Project 5)	EDC
	Some part of Phnum Sruoch and Samraong Tong Districts	385L	Chan Kim Eng Electricity (Project 3)	Sokha Electricity
	Some part of Basedth and Kong Pisei Districts	386L	Khnum Vathanak Electricity (Project 5)	EDC
	Some part of Thpong District, Khum Yutsamaki, Udong District	393L	Mr. Touch Kakada* (Project 2)	EDC
Some part of Oral District	435L	Mrs. Keo Ceda**	EDC	
Kampong Thom	Some part of Baray and Santuk District	006L	Pheng Keang Electricity Pte (Project 3)	BVC Power Development
	Some parts of Baray District	023L	Mekong Smart Power* (Project 8)	Electricity Skon-Chamkarleu
	Khum Baray and Some part of Khum Chhouk Khsach District	039L	Mr. Kim Chantara (Project 4)	BVC Power Development
	Some part of Stong District	063L	Mr. Ong Hoksins (Project 4)	BVC Power Development
	Some part of Sandan District	199L	Some Lai Y Electricity Enterprise	EDC
	Some part of Prasat Sambour and Sandan District	326L	Vanna Layhim Electricity Enterprise	EDC

	Some part of Khum Sala Visai and Khum Tuol Kreul, Prasat Ballangk District	327L	Mr. Koeut Chathy	BVC Power Development
	Some part of Baray District	367L	Mr. Soeun Sophal (Project 5)	BVC Power Development
	Some part of Khum Chheu Teal, Sandan District	425L	Mr. Hou Than	EDC
Kampot	Some part of Chhouk, Chumkiri, Angkor Chey, Banteay Meas, Dorn Tong, Toek Chhou and Kampong Trach Disriects	044L	Akisani Toek Chhou (Project 5)	EDC
	Some part of Chum Kiri District	082L	AKISNY PICHNIL L.S.K Enterprise* (Project 5)	EDC
	Some part of Banteay Meas, Kampong Trach, Dorn Tong, and Angkor Chey District	093L	Akissni Touk Meas Enterprise* (Project 5)	Vietnam
	Khum Tani and Khum Phnum Kong, Angkor Chey District	097L	Mr. Yin Ech (Project 3)	Akissni Touk Meas Enterprise
	Some part of Chum Kiri District	197L	Electricity Ang Roka Enterprise* (Project 4)	EDC
	Some part og Tuek Chhou, Kampong Trach and Dong Tong Districts	180L	Kep Power Supply* (Project 2)	EDC
	Some part of Dorn Tong and Kampong Trach Districts	225L	Mrs. Chann Sokim (Project 2)	Akissni Touk Meas Enterprise
Kandal	Some part of Khum Preaek Tonloab and Khum Kampong Phnum, Leuk Daek Districts	021L	Mrs. Nov Sreypich	EDC
	Some part of Sa'Ang and Koh Thom Districts	049L	Eastern Power Supply Enterprise (EAPOSE) (Project 8)	Akissni Keansvay
	Some part of Kandal Stung District	101L	Tov Chhinseng ** (Project 4)	EDC
			Tov Chhinseng ** (Project 5)	EDC
	Some parts of Keansvay, Sa'Ang and Lvea Em Districts	150L	Akissni Keansvay (Project 5)	EDC
	Khum Kokir Thum, Kien Svay District and some part of Khum Kampong Phnum, Leuk Daek District	170L	Mr. Chhun Ly	EDC
			Mr. Chhun Ly (Project 2)	EDC
Some part of Sa'Ang District	179L	Akisni Nhoek My Enterprise* (Project 2)	LMK	
		Akisni Nhoek My Enterprise* (Project 3)	LMK	
		Akisni Nhoek My Enterprise* (Project 4)	LMK	

	Some parts of Khum Prek Tamak, Khsach Kandal District	230L	Mrs. Thauv Vorun (Project 3)	TPLC Holdings
			Mrs. Thauv Vorun (Project 4)	TPLC Holdings
	Some part of Loekdek District	316L	Kaam Samnor Development (Project 2)	EDC
	Khum Kampong Luong, Ponhea Leur	415L	Mrs. Ker Varin* (Project 4)	OSVR Trading
Koh Kong	Khum Dong Peng, Sre Ambil District	435L	Mrs. Keo Ceda**	EDC
Kratie	Some part of Chhloung and Chetborey Districts, Khum Svay Chreah, Snuol District And Sangkat Roka Kandal, Krong Kratie	191L	Mrs. Pin Vipheavy*	EDC
	Some part of Preaek Prasab District	217L	Heang Pov Enterprise (Project 3)	EDC
	Some part of Preaek Prasab District	227L	Mr. Yon Pagharoth	EDC
	Some parts of Snuol and Chitr Borie	342L	Yonsophearith Trading (Project 2)	EDC
	Some parts of Sambour District	346L	Mrs. Chea Sokeng (Project 4)	EDC
Preah Vihear	Some part of Khum Choam Khsan, Khum Romdah Sre and Khum Teuk Krahar, Choam Khsan District	162L	Mrs. Leap Srey Orng (Project 2)	EDC
	Some part of Choam District	163L	MLP Electricity Trapeang Prasat*	EDC
	Some part of Khum Kantout and Khum Yeang, Choam Khsan District	307L	Mr. Keo Nguon (Project 2)	EDC
	Some part of Khum Sra Em and Khum Kantuot, Choam Khsan District	312L	Mr. Phom Pheak*	EDC
			Mr. Phom Pheak* (Project 2)	EDC
	Some part of Choam Khsan District	405L	Mrs. Keo Sovanny (Project 2)	EDC
			Mrs. Keo Sovanny (Project 3)	EDC
Some part of Chheab, Chey Saen and Rovieng District	409L	Mr. Eng Sothea Vatana (Project 2)	EDC	
Prey Veng	Some part of Khum Prasat and Khum Ansong Kampong Trabek District	036L	Mrs. Pauch Kim (Project 3)	Nhem Horn Electrical
	Some parts of Khum Chi Phoch, and Khum Trapeang Srae, Me Sang District	239L	Mr. Chan Sothea (Project 4)	EDC
	Some part of Kampong Trobek District	247L	Akisni Kraul Kou Company* (Project 3)	EDC
	Some part of Khum Chheu Kach and Khum Cheung Phnum, Ba Phnum District	267L	Mrs. Nov Sophea	EDC
	Some part of Kampong Trabaek, Ba Phnum, and Me Sang Districts	343L	Nhem Horn Electrical (Project 6)	Vietnam

	Some part of Porieng and Pearaing Districts	355L	Mr. Chhor Veng Ngoun* (Project 5)	EDC
	Khum Svay Chrum, Me Sang District	438L	Mr. Run Sovann (Project 2)	EDC
Pursat	Some part of Bakan District	033L	Chhuo Nguon Electricity Enterprise (Project 5)	EDC
	Some part of Bakan and Phnom Kravanh Districts	034L	Yen Youlay Electricity Enterprise (Project 9)	EDC
	Some part of Khum Svay Doun Keo, Bakan District	072L	Mr. Ya Sambat*	EDC
	Some part of Khum Rumlech and Ou Ta Paong, Bakan District	102L	Mr. Preab Vannaret	EDC
	Some parts of Phnum Kravanh District and Pursat City	124L	Ear Laysean Krovanh Electricity Enterprise (Project 5)	EDC
	Some part of Krakor and Kandeang Districts	125L	SVVT Electricity (Project 5)	EDC
	Some part of Veal Veng District	303L	SVRA Electricity Service Enterprise* (Project 8)	EDC
	Some part of Phnum Kravanh District and Krong Pursat	331L	Mr. Lim Pak (Project 4)	EDC
	Khum Talo, Bakan District	332L	Mr. Nhean Vatana (Project 4)	EDC
	Some part of Kandeang, Bakan Districts and Krong Pursat	382L	Mrs. Kim Siphah (Project 3)	EDC
	Siem Reap	Some part of Pourk, Angkor Chum and Angkor Thom Districts	035L	Vonn Vireak Service (Project 3)
Vonn Vireak Service (Project 4)				EDC
Some part of Chikreng and Sotnikum Districts		129L	Mr. Chan Sok (Project 4)	KTC Cable
			Mr. Chan Sok (Project 5)	KTC Cable
Some part of Angkor Chum District		139L	Mr. Duong Narin (Project 3)	EDC
Some parts of Khum Kantuot, Svay Leu District, Banteay Srey District, Varin District		240L	Mrs. Long Kimheng* (Project 4)	EDC
Some part of Srey Snam and Kralanh District		311L	Mrs. Heng Symuy (Project 4)	EDC
Some part of Angkor Chum and Varin Districts	359L	Akisani Warin Angkor*	EDC	
Preah Sihanouk	Khum Ou Bak Rotes, Kampong Seila District	435L	Mrs. Keo Ceda**	EDC
Svay Rieng	Some part of Svay Chrum District	247L	Akisni Kraul Kou Company* (Project 3)	EDC
	Some part of Kampong Rou and Chantrea District	268L	Mr. Khan Siden (Project 6)	EDC
	Some part of Romeas Haek District	319L	Khmer Utility Trading Company (Project 4)	EDC

Takeo	Some part of Krong Daunkeo, Koh Andet, Treang, Borey Cholsar and Kirivong Districts	013L	Electricity Kirivong Enterprise (Project 2)	Mr. Mak Khom
	Khum Smorng and Treang District	016L	Mr. Ke Kuyhuoy	EDC
	Some part of Krong Daunkeo, Koh Andet, Treang and Kirivong Districts	055L	Mr. Mak Khom (Project 2)	EDC
	Some part of Kirivong and Treang Districts	093L	Akissni Touk Meas Enterprise* (Project 5)	EDC
	Some part of Bati District	101L	Tov Chhinseng ** (Project 4)	EDC
			Tov Chhinseng ** (Project 5)	EDC
	Some part of Tramkork District	121L	Mr. Nget Soda (Project 2)	EDC
	Baty and Preykabas Districts	179L	Akisni Nhoek My Enterprise* (Project 2)	LMK
			Akisni Nhoek My Enterprise* (Project 3)	LMK
			Akisni Nhoek My Enterprise* (Project 4)	LMK
	Some part of Samraong District and Tramkork District	188L	Mr. Lim Sisophon (Project 5)	EDC
	Some part of Prey Kabas and Angkor Borey Districts	195L	Mr. Ouch Kea	LMK
	Some part of Tramkork District	197L	Electricity Ang Roka Enterprise* (Project 4)	EDC
	Some part of Prey Kabas District	212L	Mr. Ngeth Meng (Project 5)	LMK
Some part of Angkor Borey District	265L	Mr. Keo Sarade (Project 2)	LMK	
Otdar Meanchey	Some part of Trapeang Prasat District	163L	MLP Electricity Trapeang Prasat*	EDC
	Some part of Khum Chongkal, Chongkal District, Anloug Veng District	240L	Mrs. Long Kimheng* (Project 4)	EDC
			Mr. Phom Pheak*	EDC
	Some part of Trapeang Prasat District	312L	Mr. Phom Pheak* (Project 2)	EDC
	Some part of Khum Chongkal and Khum Cheung Tean, Chongkal District	313L	Mr. Chhim Saro	EDC
	Some part of Khum Chongkal, Chongkal District, Khum Lum Torng, Anlong Veng District	359L	Akisani Warin Angkor*	EDC
	Some part of Chongkal District and Krong Samrong	388L	Mrs. Khiv Sophal (Project 3)	EDC
Mrs. Khiv Sophal (Project 4)			EDC	

	Some part of Khum Pongro, Chongkal District and Krong Samrong	444L	Mrs. Kong Chanda	EDC
Kep	Damnak Chang Eu District, Krong Kep	180L	Kep Power Supply*	EDC
Pailin	Some part of Salakrao District and Krong Pailin	009L	M.S.P Development (Project 2)	EDC
	Some part of Krong Pailin	089L	Vannakpheap Development	EDC
Tboung Khmum	Khum Chumnik, Krouch Chhmar District	191L	Mrs. Pin Vipheavy*	EDC
Funded by Kreditanstalt für Wiederaufbau (KfW)				
Banteay Meanchey	Some part of Mongkul Borei District, Preahnet Preah District	105L	TNNT Electricity* (Project 5)	EDC
Battambang	Some part of Thmar Kol District	105L	TNNT Electricity* (Project 5)	EDC
Kampong Cham	Some part of Cheung Prey District	047L	Sor Malis Electricity Enterprise (Project 5)	Electricity Skon-Chamkarleu
	Khum Ta Ong, Ckamkar Leu District	256L	Mr. Te Kimsong (Project 2)	BVC Power Development
	Some part of Bateay District	400L	Mr. Hong Sengkry* (Project 4)	EDC
Kampong Chhnang	Some part of Boribou District	040L	M.H Electyricity (Project 7)	OSVR Trading
	Some parts of Rolea B'ier District	095L	Mrs. Chan Simoly (Project 4)	OSVR Trading
	Some part of Tuek Phos District	119L	Mr. Un Sothea (Project 7)	OSVR Trading
			Mr. Un Sothea (Project 8)	OSVR Trading
Some part of Kampong Tralach District	400L	Mr. Hong Sengkry* (Project 4)	EDC	
Kampong Speu	Some part of Phnum Srouch District	136L	Mr. Men Kunthea (Project 5)	EDC
	Some part of Samrong Tong and Kong Pisey Districts	154L	Mr. Uy Sophat* (Project 2)	EDC
	Some part of Phnum Srouch and Oral District	237L	Akisani Prey Rumduol (Project 3)	EDC
Kampong Thom	Stoung District	111L	Mr. Kong Vun* (Project 5)	KTC Cable
			Mr. Kong Vun* (Project 6)	KTC Cable
	Khum San Kor and Khum Tbeng, Kampong Svay District	228L	T.K.T.D Electricity Enterprise (Project 4)	BVC Power Development
	Some part of Prasat Balaink and Kampong Svay Districts	368L	Miss. Tan Kimbouy (Project 3)	BVC Power Development

Kampot	Some part of Tuek Chhou, Kampong Trach and Dong Tong Districts	180L	Kep Power Supply* (Project 2)	EDC
Kandal	Some part of Sa'ang District	086L	Electricity Sa'ang Enterprise	EDC
	Some part of Kandal Stung District	153L	Boeng Khyang Electricity Enterprise	LMK
			Boeng Khyang Electricity Enterprise (Project 2)	LMK
	Some part of Kandal Stung District	154L	Mr. Uy Sophat* (Project 2)	EDC
	Some part of Kandal Steung District	174L	Electricity Pout Sor Enterprise* (Project 3)	LMK
	Some part of Angsnoul District	261L	Sahakreas Aphivath Akisni Chunabot * (Project 2)	EDC
	Some part of Khsach Kandal and Lvea Em District	272L	Sahakreas Akisani Kampong Chamlong Bakdav* (Project 2)	TPLC Holdings
Some part of Lvea Em and Khsach Kandal District	347L	7NG Group	Electricity Kien Svay	
Kratie	Some part of Chhloung District	342L	Yonsophearith Trading (Project 3)	EDC
	Some part of Sambour District	395L	Mrs. Khun Sokgach* (Project 6)	EDC
Prey Veng	Special Purpose Transmission 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 4)	EDC
	Some part of Khum Chheu Kach and Khum Cheung Phnum, Ba Phnum District	267L	Mrs. Nov Sophea (Project 2)	EDC
	Pearang District	272L	Sahakreas Akisani Kampong Chamlong Bakdav* (Project 2)	TPLC Holdings
	Khum Svay Chrum, Mesang District	438L	Mr. Run Sovann (Project 3)	EDC
Ratanak Kiri	Some part of Andoung Meas District	372L	Mr. Seav Pisith	EDC
	Some part of Khum Trapeang Kraham and Khum Chres, Koun Mom District	380L	Mrs. Soeurkim Nareth	EDC
Siem Reap	Some parts of Chikreng District	111L	Mr. Kong Vun* (Project 5)	KTC Cable
			Mr. Kong Vun* (Project 6)	KTC Cable
	Some part of Sotnikum, Chikreng and Svay Leu Districts	183L	Mrs. Meas Keav (Project 4)	KTC Cable
			Mrs. Meas Keav (Project 5)	KTC Cable
Some part of Svay Leu District	229L	Mr. Khean Kev (Project 3)	EDC	

	Khum Khvav, Chikreng District and some part of Svay Leu District	426L	Mr. Laing Neang (Project 3)	EDC
Preah Sihanouk	Khum Boeng Ta Prum and Khum Ou Chrov, Prey Nob District	271L	Mr. Hung Huy (Project 5)	EDC
Stung Treng	Some parts of Siem Bouk, Sesan District and Stung Treng City	395L	Mrs. Khun Sokgach* (Project 6)	EDC
Takeo	Some part of Bati and Prey Kabas District	118L	Bati Electricity Enterprise (Project 3)	LMK
	Some part of Bati District	174L	Electricity Pout Sor Enterprise* (Project 3)	LMK
Kep	Damnak Chang Eu District, Krong Kep	180L	Kep Power Supply* (Project 2)	EDC
Tboung Khmum	Khum Popel, Ponheakrek District and Some part of Danbe District	308L	Mrs. Phin Thai (Project 3)	EDC

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

Annex 7

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 2019

Province/city	License No.	Name of licensee	Contracted target length of network (km)		Constructed length of network (km)		Remark
			LV	MV	LV	MV	
I Funded by Electricité Du Cambodge (EDC)							
Banteay Meanchey	081L	Mr. Muon Han (Project 2)	-	-	1.30	9.90	Disbursed
	190L	Mr. Mak Van	3.70	1.70	3.70	1.70	Disbursed
	276L	Mr. Chun Rithy (Project 3)	6.50	4.40	6.50	4.40	Disbursed
	351L	Mr. Tep Makara (Project 3)	-	8.00	-	6.40	Disbursed and Closed
Battambang	069L	Mr. Nob Bin (Project 5)	21.00	23.60	21.00	23.60	Disbursed
	201L	Mr. Ou Chanrat (Project 3)	12.87	-	12.87	-	Disbursed
		Mr. Ou Chanrat (Project 4)	5.45	-	-	-	On going
	242L	Mrs. San Chhan (Project 4)	4.50	5.00	-	-	On going
	246L	Mr. Samnang Sathia (Project 3)	12.75	5.30	10.62	5.30	Disbursed and Closed
	262L	Mrs. Tin Tong (Project 3)	6.80	13.00	6.80	9.50	Disbursed and Closed
	270L	Electrical Otaki Trading (EOT) (Project 3)	-	-	10.30	15.40	Disbursed
		Electrical Otaki Trading (EOT) (Project 4)	17.24	27.11	-	-	On going
	282L	Mrs. Soeurn Sophornnara (Project 4)	7.85	-	7.85	-	Disbursed
	303L	SVRA Electricity Service Enterprise* (Project 8)	11.45	15.55	-	-	On going
	309L	Mr. Ngov Lyhour	8.80	12.90	8.80	12.90	Disbursed
	330L	Mr. Lonh Savan (Project 6)	2.00	2.00	2.00	2.00	Disbursed
Mr. Lonh Savan (Project 7)		4.40	4.65	-	-	On going	
Kampong Cham	023L	Mekong Smart Power* (Project 7)	-	-	13.93	-	Disbursed and Closed
		Mekong Smart Power* (Project 8)	42.72	1.00	0.30	1.00	Disbursed and on going

	038L	Tnal Bek Chamkar Leu Electricity (Project 4)	15.78	4.17	15.78	4.17	Disbursed
	047L	Sor Malis Electricity Enterprise (Project 4)	14.10	2.99	14.10	2.99	Disbursed
	060L	Mrs. Eam Sreng (Project 3)	5.57	3.40	-	-	On going
	075L	Mr. Chhay Kimhuor (Project 3)	8.97	1.73	8.97	1.73	Disbursed
	159L	Khun Sopheap Co., Ltd (Project 5)	4.30	2.40	4.30	2.40	Disbursed
	207L	Mr. Lay Veng Kheang	11.35	9.35	-	-	On going
	216L	Sambo Electricity (Project 3)	3.20	4.60	3.20	4.60	Disbursed
	286L	Mrs. Sou Rong (Project 4)	27.66	5.10	27.66	5.10	Disbursed
	292L	Mr. Seng Kry (Project 3)	9.44	-	9.44	-	Disbursed
	340L	Mr. Luon Sopheap	3.62	4.35	1.73	4.35	Disbursed and Closed
	363L	Mr. Leang Phalla (Project 2)	6.10	7.55	6.10	7.55	Disbursed
	369L	Mr. Dy Piseth (Project 2)	10.13	-	10.13	-	Disbursed
		Mr. Dy Piseth (Project 3)	15.15	-	-	-	On going
	447L	Mrs. Nhek Sokon	2.84	0.35	-	-	On going
Kampong Chhnang	041L	Ty Sokun (TSK) Electricity (Project 3)	21.96	14.10	21.96	14.10	Disbursed
	051L	Oung Sovanny Electricity Development	5.60	8.25	-	-	On going
	400L	Mr. Hong Sengkry* (Project 3)	7.75	3.53	7.75	3.53	Disbursed
	415L	Mrs. Ker Varin* (Project 4)	17.78	30.50	17.78	30.50	Disbursed
	416L	Mr. Or Joly (Project 4)	14.92	10.82	-	-	On going
	421L	Mrs. Live Sok Hourng (Project 2)	5.89	6.60	-	-	On going
	424L	Mr. Suon Sophanith	3.64	8.00	3.64	8.00	Disbursed
	429L	Mrs. En Chantha	14.80	8.05	-	-	On going
	448L	Mr. Or Chamroeun	19.03	13.56	-	-	On going
Kampong Speu	082L	AKISNY PICHNIL L.S.K Enterprise* (Project 5)	8.90	16.82	8.90	6.07	Disbursed and Closed
	385L	Chan Kim Eng Electricity (Project 3)	5.32	6.50	3.01	4.10	Disbursed and Closed
	386L	Khnum Vathanak Electricity (Project 5)	2.21	0.98	2.21	0.98	Disbursed
	393L	Mr. Touch Kakada* (Project 2)	16.10	11.40	16.10	11.40	Disbursed
	435L	Mrs. Keo Ceda**	22.00	7.00	-	-	On going

Kampong Thom	006L	Pheng Keang Electricity Pte (Project 3)	9.40	11.90	9.40	11.90	Disbursed
	039L	Mr. Kim Chantara (Project 4)	1.00	9.90	1.00	9.90	Disbursed
	063L	Mr. Ong Hoksins (Project 4)	11.40	0.85	9.55	0.85	Disbursed and Closed
	199L	Some Lai Y Electricity Enterprise	5.65	-	5.65	-	Disbursed
	245L	Mr. Chhea Sokhom	-	-	12.08	1.00	Disbursed
	326L	Vanna Layhim Electricity Enterprise	7.15	-	7.15	-	Disbursed
	327L	Mr. Koeut Chathy	20.83	-	20.83	-	Disbursed
	367L	Mr. Soeun Sophal (Project 5)	13.96	4.48	13.96	4.48	Disbursed
	425L	Mr. Hou Than	8.77	2.00	8.77	2.00	Disbursed
Kampot	044L	Akisan Toek Chhou (Project 5)	30.92	21.21	27.31	21.21	Disbursed
	093L	Akissni Touk Meas Enterprise* (Project 5)	3.95	16.25	-	-	On going
	097L	Mr. Yin Ech (Project 3)	8.32	-	8.32	-	Disbursed
	225L	Mrs. Chann Sokim (Project 3)	8.32	7.15	-	-	On going
Kandal	021L	Mrs. Nov Sreypich	8.37	0.57	7.67	-	Disbursed and Closed
	049L	Eastern Power Supply Enterprise (EAPOSE) (Project 8)	21.35	45.00	-	-	On going
	150L	Akissni Keansvay (Project 5)	12.10	16.90	-	-	On going
	170L	Mr. Chhun Ly	2.65	6.17	2.65	6.17	Disbursed
		Mr. Chhun Ly (Project 2)	0.87	0.77	-	-	On going
	230L	Mrs. Thauv Vorun (Project 3)	1.73	-	1.73	-	Disbursed
		Mrs. Thauv Vorun (Project 4)	2.85	-	-	-	On going
	316L	Kaam Samnor Development	-	-	-	5.70	Disbursed
Kaam Samnor Development (Project 2)		12.40	14.00	-	-	On going	
Kratie	191L	Mrs. Pin Vipheavy*	22.09	-	9.44	-	Disbursed and On going
	217L	Heang Pov Enterprise (Project 3)	5.35	5.70	5.35	5.70	Disbursed
	227L	Mr. Yon Pagharoth	11.31	-	11.31	-	Disbursed
	342L	Yonsophearith Trading (Project 2)	6.78	-	6.41	-	Disbursed and Closed

	346L	Mrs. Chea Sokeng (Project 4)	16.84	7.00	-	7.00	Disbursed and On going
Preah Vihear	162L	Mrs. Leap Srey Orng (Project 2)	2.67	1.80	2.67	1.80	Disbursed
	307L	Mr. Keo Nguon (Project 2)	3.00	0.60	3.00	0.60	Disbursed
		Mr. Keo Nguon (Project 3)	24.50	8.00	-	-	On going
	405L	Mrs. Keo Sovanny (Project 2)	12.30	-	-	-	On going
		Mrs. Keo Sovanny (Project 3)	9.00	-	-	-	On going
409L	Mr. Eng Sothea Vatana (Project 2)	16.00	-	16.00	-	Disbursed	
Prey Veng	036L	Mrs. Pauch Kim (Project 2)	-	-	9.23	-	Disbursed
		Mrs. Pauch Kim (Project 3)	4.58	3.90	-	-	On going
	239L	Mr. Chan Sothea (Project 4)	11.94	-	11.94	-	Disbursed
	267L	Mrs. Nov Sophea	16.80	4.95	16.39	4.95	Disbursed and Closed
	343L	Nhem Horn Electrical (Project 6)	29.75	29.86	29.75	29.86	Disbursed
	355L	Mr. Chhor Veng Ngoun* (Project 5)	8.00	-	8.00	-	Disbursed
	438L	Mr. Run Sovann (Project 2)	12.86	-	12.86	-	Disbursed
Pursat	033L	Chhuo Nguon Electricity Enterprise (Project 5)	12.45	-	12.45	-	Disbursed
	034L	Yen Youlay Electricity Enterprise (Project 9)	12.25	5.30	12.25	5.30	Disbursed
	072L	Mr. Ya Sambat*	4.62	-	1.02	-	Disbursed and Closed
	102L	Mr. Preab Vannaret	3.40	5.00	3.40	5.00	Disbursed
	124L	Ear Laysean Krovanh Electricity Enterprise (Project 5)	35.80	-	-	-	On going
	125L	SVVT Electricity (Project 5)	11.13	6.04	-	-	On going
	331L	Mr. Lim Pak (Project 4)	8.95	-	8.95	-	Disbursed
	332L	Mr. Nhean Vatana (Project 4)	37.90	-	37.90	-	Disbursed
	382L	Mrs. Kim Siphah (Project 3)	910 Poles	-	910 Poles	-	Disbursed
Siem Reap	035L	Vonn Vireak Service (Project 3)	11.57	10.00	11.57	10.00	Disbursed
		Vonn Vireak Service (Project 4)	16.70	17.40	-	-	On going
	129L	Mr. Chan Sok (Project 4)	12.65	2.60	12.65	2.60	Disbursed
		Mr. Chan Sok (Project 5)	2.20	2.00	-	-	On going

	139L	Mr. Duong Narin (Project 2)	-	-	8.62	-	Disbursed and Closed
		Mr. Duong Narin (Project 3)	6.02	-	6.02	-	Disbursed
	240L	Mrs. Long Kimheng* (Project 4)	11.75	10.47	-	10.47	Disbursed and On going
	311L	Mrs. Heng Symuy (Project 4)	10.44		10.02	-	Disbursed and Closed
	359L	Akisani Warin Angkor*	20.00	7.00	20.00	7.00	Disbursed
Stung Treng	296L	Mrs. Huy Cheng	-	-	10.99	7.02	Disbursed
Svay Rieng	247L	Akisni Kraul Kou Company* (Project 3)	28.91	16.56	-	-	On going
	268L	Mr. Khan Siden (Project 6)	14.90	6.68	14.90	6.68	Disbursed
	319L	Khmer Utility Trading Company (Project 4)	29.97	21.10	28.76	17.8	Disbursed and Closed
Takeo	013L	Electricity Kirivong Enterprise (Project 2)	6.19	35.02	-	-	On going
	016L	Mr. Ke Kuyhuoy	0.99	-	0.33	-	Disbursed and Closed
	055L	Mr. Mak Khom (Project 2)	5.10	4.16	-	-	On going
	101L	Tov Chhinseng ** (Project 4)	44.40	30.95	22.54	22.62	Disbursed and Closed
		Tov Chhinseng ** (Project 5)	21.92	10.21	16.50	10.21	Disbursed and Closed
	121L	Mr. Nget Soda (Project 2)	13.09	6.48	13.09	6.48	Disbursed
	179L	Akisni Nhoek My Enterprise* (Project 2)	4.97	1.95	4.97	1.95	Disbursed
		Akisni Nhoek My Enterprise* (Project 3)	13.94	4.00	13.94	4.00	Disbursed
		Akisni Nhoek My Enterprise* (Project 4)	7.90	5.00	-	-	On going
	188L	Mr. Lim Sisophorn (Project 5)	19.70	4.50	-	3.00	Disbursed and On going
	195L	Mr. Ouch Kea	7.25	1.49	7.25	1.49	Disbursed
	197L	Electricity Ang Roka Enterprise* (Project 4)	11.50	11.50	11.50	11.50	Disbursed
	212L	Mr. Ngeth Meng (Project 5)	4.96	-	4.96	-	Disbursed
	258L	Mr. Snguon Saran	-	-	13.64	-	Disbursed
	265L	Mr. Keo Sarade (Project 2)	14.36	2.18	14.36	2.18	Disbursed

Otdar Meanchey	163L	MLP Electricity Trapeang Prasat*	20.40	8.30	18.42	8.30	Disbursed and Closed
	312L	Mr. Phom Pheak*	15.87	6.54	14.77	6.54	Disbursed and Closed
		Mr. Phom Pheak* (Project 2)	12.85	5.20	-	-	On going
	313L	Mr. Chhim Saro	6.88		6.88	-	Disbursed
	388L	Mrs. Khiv Sophal (Project 3)	2.00	4.00	2.00	4.00	Disbursed
		Mrs. Khiv Sophal (Project 4)	16.50	10.40	-	-	On going
	444L	Mrs. Kong Chanda	0.80	7.30	0.80	7.30	Disbursed
Kep	180L	Kep Power Supply*	20.00	26.00	20.00	26.00	Disbursed
Pailin	009L	M.S.P Development (Project 2)	23.00	26.00	-	-	On going
	089L	Vannakpheap Development	15.84	24.86	-	-	On going
Tboung Khmum	321L	Mr. So Thavin* (Project 3)	-	-	17.31	-	Disbursed
	Total I		1,484.89	887.86	969.91	504.23	
			2,372.75		1,474.14		
II Funded by Kreditanstalt für Wiederaufbau (KfW)							
Banteay Meanchey	105L	TNNT Electricity* (Project 5)	22.87	0.60	22.87	0.60	Disbursed
	324L	Mrs. Khiev Sokha* (Project 5)	-	-	3.60	-	Disbursed
	379L	Mrs. Keo Chhorvy (Project 3)	-	-	2.00	9.00	Disbursed
Battambang	244L	K.R.Y Trading	-	-	7.60	8.00	Disbursed
	392L	ASDVM Co., Ltd (Project 3)	-	-	15.47	17.10	Disbursed
Kampong Cham	047L	Sor Malis Electricity Enterprise (Project 3)	-	-	24.28	6.89	Disbursed
		Sor Malis Electricity Enterprise (Project 5)	15.58	2.95	-	-	On going
	256L	Mr. Te Kimsong (Project 2)	3.69	6.48	-	-	On going
Kampong Chhnang	040L	M.H Electyricity (Project 6)	-	-	0.90	1.42	Disbursed
		M.H Electyricity (Project 7)	4.60	3.68	2.60	3.68	Disbursed and Closed
	095L	Mrs. Chan Simoly (Project 3)	-	-	7.08	0.96	Disbursed and Closed
		Mrs. Chan Simoly (Project 4)	6.22	2.90	4.92	2.90	Disbursed and Closed

Kampong Speu	119L	Mr. Un Sothea (Project 7)	3.00	20.50	3.00	20.50	Disbursed
		Mr. Un Sothea (Project 8)	16.40	18.40	-	-	On going
	300L	OSVR Trading (Project 11)	-	-	6.00	30.00	On going
	400L	Mr. Hong Sengkry* (Project 4)	2.75	0.60	-	-	On going
	136L	Mr. Men Kunthea (Project 5)	18.20	17.80	-	-	On going
	137L	Meng Sok Leng Construction and Electric* (Project 6)	-	-	16.00	22.00	Disbursed
	154L	Mr. Uy Sophat* (Project 2)	4.02	0.90	-	-	On going
Kampong Thom	237L	Akisani Prey Rumduol (Project 3)	8.00	15.35	-	-	On going
	228L	T.K.T.D Electricity Enterprise (Project 4)	6.44	4.70	-	-	On going
Kandal	368L	Miss. Tan Kimbouy (Project 3)	8.50	-	8.50	-	Disbursed
	086L	Electricity Sa'ang Enterprise	3.04	0.45	-	-	On going
	153L	Boeng Khyang Electricity Enterprise	14.21	3.60	14.21	3.60	Disbursed
		Boeng Khyang Electricity Enterprise (Project 2)	7.33	3.71	-	-	On going
	261L	Sahakreas Aphivath Akisni Chunabort *	-	-	5.71	9.02	Disbursed
		Sahakreas Aphivath Akisni Chunabort * (Project 2)	7.72	8.29	-	-	On going
	272L	Sahakreas Akisani Kampong Chamlong Bakdav* (Project 2)	4.43	3.14	4.43	3.14	Disbursed
347L	7NG Group	4.97	6.40	86 Poles	44 Poles	Disbursed and On going	
Koh Kong	418L	Mrs. Chheng Touch (Project 3)	-	-	1.00	9.00	Disbursed
Kratie	342L	Yonsophearith Trading (Project 3)	43.86	1.13	-	-	On going
Preah Vihear	329L	Mrs. Teang Bonika (Project 2)	-	-	2.50	6.50	Disbursed
	334L	Mr. Chak Sean (Project 3)	-	-	12.61	-	Disbursed
Prey Veng	259L	Inter BP Solution Corporation (Project 3)	-	-	19.10	19.30	Disbursed and On going
		Inter BP Solution Corporation (Project 4)	14.95	19.30	-	-	On going
	267L	Mrs. Nov Sophea (Project 2)	3.18	3.02	-	-	On going
	269L	Mr. Kong Yorn (Project 3)	-	-	3.04	-	Disbursed
	438L	Mr. Run Sovann (Project 3)	8.95	-	-	-	On going

Pursat	404L	Mr. Heng Chanthavy* (Project 2)	-	-	4.00	-	Disbursed and Closed
Ratanak Kiri	372L	Mr. Seav Pisith	15.08	-	-	-	On going
	380L	Mrs. Soeurkim Nareth	9.39	0.24	-	-	On going
Siem Reap	111L	Mr. Kong Vun* (Project 4)	-	-	15.27	-	Disbursed
		Mr. Kong Vun* (Project 5)	42.35	-	-	-	On going
		Mr. Kong Vun* (Project 6)	37.40	-	-	-	On going
	183L	Mrs. Meas Keav (Project 3)	-	-	12.00	-	Disbursed
		Mrs. Meas Keav (Project 4)	1.30	6.80	1.30	6.80	Disbursed
		Mrs. Meas Keav (Project 5)	12.90	-	-	-	On going
	229L	Mr. Khean Kev (Project 3)	12.35	-	12.35	-	Disbursed
426L	Mr. Laing Neang (Project 3)	12.00	-	-	-	On going	
Preah Sihanouk	271L	Mr. Hung Huy (Project 5)	7.27	5.87	7.27	5.87	Disbursed
Stung Treng	395L	Mrs. Khun Sokgach* (Project 6)	30.00	-	30.00	-	Disbursed
Takeo	118L	Bati Electricity Enterprise (Project 2)	-	-	15.48	2.78	Disbursed
		Bati Electricity Enterprise (Project 3)	15.62	-	-	-	On going
	121L	Mr. Nget Soda	-	-	6.61	-	Disbursed and Closed
	174L	Electricity Pout Sor Enterprise* (Project 3)	7.96	5.50	7.96	5.50	Disbursed
	238L	Mr. Hou Veasna (Project 2)	-	-	-	0.95	Disbursed
	273L	Mr. Chea Sovannara	-	-	2.60	2.34	Disbursed
Kep	180L	Kep Power Supply* (Project 2)	24.00	16.60	-	-	On going
Pailin	009L	M.S.P Development	-	-	10.00	-	Disbursed
Tboung Khmum	308L	Mrs. Phin Thai (Project 2)	-	-	19.16	7.55	Disbursed
		Mrs. Phin Thai (Project 3)	7.50	-	-	-	On going
	339L	Mr. Thov Ny (Project 3)	-	-	26.02	-	Disbursed
Total II			463.06	172.51	357.44	205.40	
			635.57		562.84		
Total I+II			1,947.95	1,060.37	1,327.35	709.63	
			3,008.32		2,036.98		

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

Annex 8
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 2019

No.	Province /City	Village	Commune	District	License No.	Licensee
Funded by Electricité Du Cambodge (EDC)						
1	Banteay Meanchey	Rourk, Mouk Chneang	Spean Sraeng	Phnum Srok	081L	Mr. Muon Han (Project 2)
		Kamping Pouy	Phnum Dei			
		Kloeng, Ta Ork Lech, Kouk Khvav	Svay Chek	Svay Chek	190L	Mr. Mak Van
		Ponsay Tboung	Rolous			
		Kandak	Soengh	Ou Chrov	276L	Mr. Chun Rithy (Project 3)
		Sres Keut	Preah Netr Preah	Preah Netr Preah	351L	Mr. Tep Makara (Project 3)
2	Battambang	Boeng Sangkae, Ou Khmum	Sdau	Rotonak Mondol	069L	Mr. Nob Bin (Project 5)
		Ou Dai Kla	Snoeng	Banan		
		Anlong Svay	Ta Kream			
		Chrouy Sdau, Nikom Krau	Chrouy Sdau	Thma Koul	201L	Mr. Ou Chanrat (Project 3)
		Ta Sey, Chrouy Mtes, Krasang	Ta Meun			
		Sambok Aok	Kampong Prieng	Sangkae	246L	Mr. Samnang Sathia (Project 3)
		Kbal Tnal, Wat Kandal	Reang Kessei			
		Andoung rach, Panh Nha	Kampong Preah			
		Ba Saeth, Svay Sar, Boeng Toem	Ta Pun	Sangkae	262L	Mrs. Tin Tong (Project 3)
		Ta Haen Mouy, Ta Haen Pir, Ambaeng Thngay	Roka			
		Ta Ngen, Andoung Neang	Ta Kream	Banan	270L	Electrical Otaki Trading (EOT) (Project 3)
		Sang Reang, Svay Chum, Doun Av	Bavel	Bavel	282L	Mrs. Soeurn Sophornara (Project 4)
		Khnach Romeas, Kaoh Ream, Rung Ampil, Svay Sor	Khnach Romeas			
		Prakieb	Rung Chrey	Thmar Koul	309L	Mr. Ngov Lyhour
		Chi Sang	Traeng	Rotonak Mondol		

		Kampong Kol Thmei	Chaeng Mean Chey	Banan	330L	Mr. Lonh Savan (Project 6)		
3	Kampong Cham	Trapeang Phnov	Chrey Vien	Prey Chhor	023L	Mekong Smart Power* (Project 7)		
		Tunle Sor	Trapeang Preah					
		Rorong Chrouk	Baray					
		Sek Yum	Prey Chhor					
		Andoung, Svay Reaks, Treuy Ou	Sour Sean					
		Chhouk Sor, Trapeang Anhchach, Kbal Damrei	Boeng Nay					
		Bor Prok, Sambour	Soupheas	Stueng Trang	023L	Mekong Smart Power* (Project 8) 1 st Payment		
		Tuol Meas, Tuol Prak, Chamreun Phal, Tuol Srov, Tuol Ben	Ta Ong	Chamkar Leu				
		Brasseur, Bos Khnaor, Thlok Kravan, Dam Makara, Samseub Pram, Chronaom	Bos Khnaor	Kampong Siem				
		Ou Thnong, Khae Chey	Ou Svay					
		Khvav, Koh Kaoh, Trapeang Krasang, Sbeng, Ou Dar, Dei Lou, Ta Lon, Aorng, Kour, Kaoh Ka Phem, Trapeang Laek	Trapeang Preah	Prey Chhor				
		Prey Toteung	Chrey Vien					
		Khlouy Ti Mouy, Khlouy Ti Pir, Khlouy Ti Boun, Ou Sangkae, Trapeang Chhuk, Damnak Pongro	Mien					
		Bei, Kbal Hong Chas	Lvea Leu	Chamkar Leu			038L	Tnal Bek Chamkar Leu Electricity (Project 4)
		Tnal Bek Keut, Tnal Bek Lech, Srae Preal, Preuk, Chet Seam Pram Pir	Svay Teab					
		Phlak, Ta Bok	Chamkar Andoung					
Srae Prang	Ta Prok							
Pratheath, Sangkae Pong, Sramar	Sramar	Cheung Prey	047L	Sor Malis Electricity Enterprise (Project 4)				
Pnov Lech	Prey Char							
Pa Nark, Ngon	Soutip							

		Paeng Mean Tbound, Speu Lech, Speu Keut, Veal	Spueu	Chamkar Leu	075L	Mr. Chhay Kimhuor (Project 3)
		Trapeang Ruessei, Speu Kor	Cheyyou			
		Bateay, Sras Pring	Batheay	Batheay	159L	Khun Sopheap Co., Ltd (Project 5)
		Tang Srei	Me Pring			
		Veal, Ta Pouy, Tau Bek, Bek	Sambour	Batheay	216L	Sambo Electricity (Project 3)
		Trapeang Ph'av, Pring Chum, Ta Ni	Pring Chrum	Cheung Prey	286L	Mrs. Sou Rong (Project 4)
		Svay Meas, Komar, Bakom, Pou	Sampong Chey			
		Kandal, Pongro, Ka Ngaork, Angk, Praten	Trapeang Kor	Stueng Trang	292L	Mr. Seng Kry (Project 3)
		Tuol Sambour, Pon, Sralau, Veal Preah	Tuol Sampour			
		Roliek, Banteay thmei	Ampil	Kampong Siem	340L	Mr. Luon Sopheap
		Kong Moha, Pongro, Prasat, Kdei Boeng	Vihear Thum			
		Muoy, Pir, Bei, Pram Pir, Pram Boun, Dab, Dab Pir	Kaoh Soutin	Kaoh Soutin	363L	Mr. Leang Phalla (Project 2)
		Srae Sangkae, Kaoh Kandal, Trapeang Chrey	Peam Kaoh Snar	Stueng Trang	369L	Mr. Dy Piseth (Project 2)
		Chheu Teu, Veal Bampong	Khprob Ta Nguon			
Srae Ampov, Veal Preah	Tuol Sampour					
4	Kampong Chhnang	Krous Lech, Tang Krous Keut, Krang Lvea	Krang Lvea	Sameakki Mean Chey	041L	Ty Sokun (TSK) Electricity (Project 3)
		Prey Sak	Peani	Kampong Tralach		
		Ou ruessei, Thnong, Chan Kien, Srae Prei, Chrok Rou Meart	Ou Ruessei			
		Kampong Kdar, Kien Roka	Kampong Tralach			
		Prob Phtes, Chror Mous Chrouk, Chok, Chum Teav	Chres			
		Chaong Maong	Chaong Maong	Tuek Phos		
		Chouch Chit, Anlong Pring	Chhean Laeung	Sameakki Mean Chey	393L	Mr. Touch Kakada* (Project 2)
		Preaek Kanlong, Kien Roka	Kampong Tralach	Kampong Tralach	400L	Mr. Hong Sengkry* (Project 3)
		Kla Krou Heum, Bak Phnum	Ampil Tuek			

		Krang Ta Ek	Peani	Kampong Tralach	415L	Mrs. Ker Varin* (Project 4)
		Boeng Leach, Krang Siem	Sedthei	Sameakki Mean Chey		
		Srae Mkak	Thaeng Khpos			
		Trapeang Mtes, Chrok Sangkae	Svay Chuk			
		Peam Chhkaok, Anlong Metrei, Kbal Anlong	Peam Chhkaok	Chol Kiri		
5	Kampong Speu	Preah Khae, Veal Thum	Traeng Trayueng	Phnum Sruoch	082L	AKISNY PICHNIL L.S.K Enterprise* (Project 5)
		Prey Ta Lim, Prey Sbov, Prey Kdei	Chongruk	Kong Pisei	101L	Tov Chhinseng ** (Project 4)
		Angk Sar Knay, Krang Sbov	Moha Ruessei			
		Sou Kong, Traok Trork, Prey Nouk, Angk Kantouch, Trapeang Krous	Snam Krapeu			
		Prey Peay	Tuol Ampil	Basedth	101L	Tov Chhinseng ** (Project 5)
		Krasang Chi Mae	Veal	Kong Pisei		
		Trapeang Mien	Snam Krapeu	Basedth		
		Phan	Tuol Ampil			
		Trapeang Trakiet	Pou Angkrang			
		Ta Nei, Prey Ruessei, Thmei	Choam Sangkae	Phnum Sruoch	385L	Chan Kim Eng Electricity (Project 3)
		Chrok Preal	Pheakdei	Basedth	386L	Khnum Vathanak Electricity (Project 5)
		Trapeang Baek, Rolaeng Baeng, Prich Khpos, Kraveaek	Yea Angk	Thpong	393L	Mr. Touch Kakada* (Project 2)
		Tuek Long Pir	Rung Roeang			
		Prey Veng	Prambei Mum			
6	Kampong Thom	Khvaek, L'aork	Kampong Thma	Santuk	006L	Pheng Keang Electricity Pte (Project 3)
		Trapeang Svay, Trapeang Chrey, Ta Douk, Yeay Tieng	Ballangk	Baray		
		Tuol Sala, Khsach La'ith, Chong Doung, Kou	Chong Doung			
		Trapeang Chhuk, Doun Ben	Boeng			
		Samraong	Baray	Baray	039L	Mr. Kim Chantara (Project 4)
		Bort Trang, Msar Krang, Sambour Tbound, Sambour Cheung	Msar Krang	Stoung	063L	Mr. Ong Hoksini (Project 4)

		Tnaot	Trea			
		Chok	Kampong Cheng Cheung			
		Kampong Chen	Kampong Chen Tboundg			
		Pey, Ngoun Laor, Tnaot Kom, Mou Chheay, Ampil, Pradith	Samprouch			
		Phtoul, Rum Pous, Poping	Mean Chey	Sandan	199L	Some Lai Y Electricity Enterprise
		Ou Tnaot	Ngan			
		Chhuk	Sandan			
		Svay	Baray	Baray	245L	Mr. Chhea Sokhom
		Kamngot, Prakhnay	Triel			
		Phlov Toteung, Sangkae Chrum, Prasat, Kdam Ha, Thlen, Chhuk Khsach	Chhuk Khsach			
		Prey Chor, Peam Kleng	Klaeng	Sandan	326L	Vanna Layhim Electricity Enterprise
		Tuol Char, Chamres, Banchea La	Koul	Prasat Sambour		
		Svay	Sraeung			
		Chraneang	Tang Krasau	Prasat Ballangk	327L	Mr. Koeut Chathy
		Khmak, Kokir, Trapeang Thmar, Sala Visai, Kvan Tieng, Srae, Ta Laek, Ou krouch	Sala Visai			
		Tnol, Thum, Mrak Kor, Mrak Khor	Tuol Kreul			
		Ponreay, Praneack, Tradedt	Chaeung Daeung	Baray	367L	Mr. Soeun Sophal (Project 5)
		Char, Leav, Slakaet	Krava			
		Andaok, Kampong Krabei	Bak Sna			
		Veal Pring Kraom, Kay Rang	Chheu Teal	Sandan	425L	Mr. Hou Than
7	Kampot	Phnum Toch	Kandal	Tuek Chhou	044L	Akisani Toek Chhou (Project 5)
		Trasaek Korng	Thmei			
		La'Ang, Krang Leav	Mean Rith	Dang Tong		
		Angkor Paek	Damnak Sokram			
		Snou Toch	Angk Romeas			

		Dambouk Khpos, Dang Tong	Dambouk Khpos	Angkor Chey				
		Toch	Krang Snay	Chhuk				
		Pous Pong, Knach Roumeas	Neareay					
		Krang Mdeng	Krang Sbov					
		Angk Klei	Tramaeng					
		Trapeang Ta Saek, Prey Phchum	Baniev					
		Pral, Trapeang Kva	Tani					
		Pou	Phnum Kong	Angkor Chey			097L	Mr. Yin Ech (Project 3)
		Trapeang Sangkae	Trapeang Sangkae	Tuek Chhou			180L	Kep Power Supply*
		Kampong Nong	Koun Satv					
		Pong Tuek, Khpoub Run, Srae Chaeng	Srae Chaeng	Chum Kiri			197L	Electricity Ang Roka Enterprise* (Project 4)
8	Kandal	Ampil Tuek	Kampong Phnum	Leuk Daek	021L	Mrs. Nov Sreypich		
		Kampong Chamlorng, Spean Daek	Preaek Tonloab					
		Rang Dek, Kaoh Techo	Kokir Thum	Kien Svay			170L	Mr. Chhun Ly
		Kor, Roka, Thum, Ta Kon, Samraong, Tuol Krang	Krang Yov	S'ang			179L	Akisni Nhoek My Enterprise* (Project 2)
		Vihear, Roka, Ping Pong, Ampil, Thum, Kor, Ta Kol, Kandal, Chek, Angk	Krang Yov	S'ang			179L	Akisni Nhoek My Enterprise* (Project 3)
		Preaek Ta Meak	Preaek Ta Meak	Khsach Kandal			230L	Mrs. Thauv Vorun (Project 3)
		Chrouy Snor	Preaek Chrey	Kaoh Thum			316L	Kaam Samnor Development
9	Kratie	Boeng Phieb	Damrei Phong	Chhloung	191L	Mrs. Pin Vipheavy* 1 st Payment		
		Chhok Kantong	Preaek Saman					
		Chheu Teal Phlous Kraom, Chheu Teal Phlous Leu, Kangchor	Kanhchor					
		Preaek Ta Ang, Bos Leav, Preah Konlong	Bos Leav	Chitr Borie				
		Kbal Kaoh, Kandal Kaoh, Chong Kaoh	Kaoh Ta Suy	Preaek Prasab			217L	Heang Pov Enterprise (Project 3)
		Preaek Prasab	Preaek Prasab	Preaek Prasab			227L	Mr. Yon Pagharoth

		Pramar, Veal Kansaeng	Kampong Damrei	Chhloung	321L	Mr. So Thavin* (Project 3)
		Srae Teack, Bos, Srae Sdach	Damrei Phong			
		Dar, Anhchach, Serei Pheap, Ksar	Dar	Chitr Borie	342L	Yonsophearith Trading (Project 2)
		Anlong Vien, Kantout	Kantuot			
		Veal Sanbour, Tnaot, Krasang, Meanchey, Khlach, Chranaom	Thmei			
		Srae Sbov	Kbal Damrei	Sambour	346L	Mrs. Chea Sokeng (Project 4) 1st Payment
10	Preah Vihear	Veal Thum	Choam Khsant	Choam Khsant	162L	Mrs. Leap Srey Orng (Project 2)
		Thaom Cheat, Sra Em	Kantuot	Choam Khsant	307L	Mr. Keo Nguon (Project 2)
		Sleng	Khyang	Chey Saen	409L	Mr. Eng Sothea Vatana (Project 2)
		Damnak Trach, Pramoul Pdom, Pakdevaoth, Phlork, Chamreun, Chrach	Chrach			
		Thmea	Thmea			
11	Prey Veng	Dang Tong, Phlok, Tkov, Pan Wat	Prasat	Kampong Trabaek	036L	Mrs. Pauch Kim (Project 2)
		Pursat, Ruessei Sach, Yong Thum, Vaeng, Trapeang Skon, Snay Boun, Traok, Chi Phoch, Krasang	Chi Phoch	Me Sang	239L	Mr. Chan Sothea (Project 4)
		Chek Thlok, Phlang, Trakeat	Trapeang Srae			
		Svay Sam Soeb, Andoung, Boeng Roka, Phlov Rolous	Cheung Phnum	Ba Phnum	267L	Mrs. Nov Sophea
		Chheu Kach, Trapeang Sala, Kroul Kou	Chheu Kach			
		Pouvong, Tbaeng	Thkov	Kampong Trabaek	343L	Nhem Horn Electrical (Project 6)
		Beng	Prey Poun			
		Doung	Chrey			
		Takaev, Kachab kraom	Peam Montear			
		Romeas Chhor, Skaer, Trapeang Trav, Prey Snoul	Kou Khchak			
		Ballangk	Kansoam Ak			
		Angkor Sar, Ponley	Angkor Sar			
		Doun Mea, Trapeang Sekar	Sdau Kaong	Ba Phnum		

		Ta Pong, Ansaong	Ansaong	Pou Rieng	355L	Mr. Chhor Veng Ngoun* (Project 5)
		Sla, Tnaot	Preaek Ruessei			
		Pou Rieng Cheung, Veal Pnov	Pou Rieng			
		Ropeus	Prey Kanlaong			
		Bak Daok	Preaek Chrey			
		Tnal Keng, Chek, Prey Chamkar Cheung, Prey Chamkar Tboung, Phneat	Svay Chrum	Me Sang	438L	Mr. Run Sovann (Project 2)
12	Pursat	Phtes Sla	Trapeang Chornng	Bakan	033L	Chhuo Nguon Electricity Enterprise (Project 5)
		Damnak Thong, Kaoh Krabey	Khmar Totueng			
		Trang, Ou Preal, Ta Mum, Kdan	Me Tuek			
		Trach Kroul, Preah Mlou, Chamkar Leu, Wat Chrey	Boeng Khmar			
		Ruessei Ta Maon, Ou, Tram Ses	Boeng Bat Kandal	Bakan	034L	Yen Youlay Electricity Enterprise (Project 9)
		Kaoh Svay, Trapaeng Chong, Chamkar Ou, Srae Lvea	Trapeang Chornng			
		Andoung Krasang, Pnov, Kaoh Krasang, Ta Chab, Kandoeng Meas	Snam Preah			
		Svay Doun Kaev Mouy	Svay Doun Kaev	Bakan	072L	Mr. Ya Sambat*
		Prey Krabau, Tuol Rokang	Ou Ta Paong	Bakan	102L	Mr. Preab Vannaret
		Svay Bak, Kampaeng, Ou Srav	Prongil	Phnum Kravanh	331L	Mr. Lim Pak (Project 4)
		Chhnaorl Man, Prey Rong, Bous Kor, Thmei, Pral, Boeng Tnaot, Tang Kouk	Ta Lou	Bakan	332L	Mr. Nhean Vatana (Project 4)
		Anlong Vil, Kbal Romeas, Boeng Chhuk	Anlong Vil	Kandieng	382L	Mrs. Kim Siphah (Project 3)
		Plov Loung, Pou Andaet, Dang Ou, Boeng Krach, Koun Kray, Samraong, Preaek Trabaek, Kanhchor	Kanhchor			
		Prey Kdei Leu, Prey Kdei Kraom, Preaek ChheuTrav, Kampong Krasang Leu, Kampong Krasang Kraom, Bang Koul, Boeng Chhuk, Sya	Kandieng			

		Kbal Peam, Boeng Chok, Charuek, Wat Leab, Sya, Prey Srakum, Trapeang Thmar, Thlok, Kbal Chheu Pouk, Kampong Sambour	Sya			
13	Siem Reap	Trapeang Svay, Tum Roeng	Reul	Puok	035L	Vonn Vireak Service (Project 3)
		Chouch Krei, Svay	Trei Nhoar			
		Kumrou	Lvea			
		Roka Year, Kouk Ruessei	Kaev Poar			
		Spean Toch, Boeng, Kouk Dei	Ruessei Lok	Chi Kraeng	129L	Mr. Chan Sok (Project 4)
		Tnal Dach	Sangvaeuy			
		Bous Kour	Kouk Thlok Kraom			
		Doun Peng	Doun Peng	Angkor Chum	139L	Mr. Duong Narin (Project 2)
		Ta Saom, Rolum, Kouk Chan, Tumpung, Mkak, Phnov, Pram Damloeng	Ta Saom			
		Prey Toteung, Chhuk, Yeang	Char Chhuk	Angkor Chum	139L	Mr. Duong Narin (Project 3)
		Kouk Thmei	Ta Saom			
		Ksach Ampil. Chub Kom Phloeng	Srae Nouy	Varin	240L	Mrs. Long Kimheng* (Project 4) 1 st Payment
		Chraneang, Tram Kok, Thlok	Slaeng Spean	Srei Snam	311L	Mrs. Heng Symuy (Project 4)
		Ampov Dieb	Chrouy Neang Nguon			
		Snaeng Ta Vet	Klang Hay			
		Rumdoul, Varin, Kouk Phnum	Varin	Varin	359L	Akisani Warin Angkor*
Sar Tei	Lvea Krang					
Kanh Chon Run	Prasat					
Doun Eam	Kouk Doung					
14	Stung Treng	Pha Bang, Siem Pang, Pha Moug	Thma Kaev	Siem Pang	296L	Mrs. Huy Cheng
15	Svay Rieng	Traok, Prey Ta Ngay, Pou	Khsaetr	Kampong Rou	268L	Mr. Khan Siden (Project 6)
		Prey Robeus, Kbal Tnal	Tnaot			
		Prey Mnas	Samlei			

		Doun Nouy, Trapeang Run, Trapeang Dear Leu	Chres	Chantrea	319L	Khmer Utility Trading Company (Project 4)
		Doun Tei	Tuol Sdei			
		Bos, Wat, Popel, BBBBng, Ta Sous, Popoul	Tras	Romeas Kaek		
		Trapeang Popel, Trapeang Pikar	Ampil			
		Thmat Pong, Sambuor, Samphy, Traok	Sambuor			
		Thnong, Smach, Thlok Veay Ti Mouy, Trapeang Chrey	Krasang			
16	Takeo	Kampong Chrey, Banteay	Smaong	Treang	016L	Mr. Ke Kuyhuoy
		Kanhchang, Krang Pongro, Prey Kla, Thmei, Trapeang Phlong, Knar Tong	Komar Reachea	Bati	101L	Tov Chhinseng ** (Project 4)
		Bach Kla, Ta Pen, Tram Tbal, Prasat, Samakkir, Chheu Teal Chrum	Krang Leav			
		Tuol Lhong, Samraong Chrey, Phsar Kum Ruessei, Amper Tum, Prey Kray	Tang Doung			
		Trapeang Trabaek, Prey Ngek, Ou, Khvav	Khvav	Samraong	101L	Tov Chhinseng ** (Project 5)
		Prey Chor, Veas Pous	Khvav			
		Romon, Chheu Teal, Khnach Khang Tbound Pech Changva	Boeng Tranh Khang Cheung	Samraong	121L	Mr. Nget Soda (Project 2)
		Pong Tuek Tbound	Kus			
		Ruessei Srok	Nhaeng Nhang			
		Chrey Tnaot, Yeay Lor, Trapeang Rumpeaek, Thmar Kaev, Boeng Mkak, Trapeang Klout, Trapeang Chok	Tram Kak	Tram Kak	179L	Akisni Nhoek My Enterprise* (Project 2)
		Chek, Kandal	Doung			
		Angk Svay Chek	Char	Prey Kabbas	179L	Akisni Nhoek My Enterprise* (Project 3)
		Snao	Snao			
		Trapeang Prey	Soengh	Samraong	188L	Mr. Lim Sisophorn (Project 5) 1 st Payment
		Moha Reach, Boeng Tranh	Boeng Tranh Khang Tbound			
		Praseak, Khvav, Svay Prey, Tuol Trea, Kdol	Lumchang			

		Trapeang Krouch, Prey Kabbas Kor, Prey Kabbas Khor, Prey Kabbas Kou	Prey Kabbas	Prey Kabbas	195L	Mr. Ouch Kea
		Phsar Chrae, Ba Nouy, Svay Pear, Pring	Angkanh			
		Trapeang Kralach	Ou Saray	Tram Kak	197L	Electricity Ang Roka Enterprise* (Project 4)
		Prey Chheu Teal	Ta Phem			
		Ronean Pech, Chum Pou Pruek, Chrouy	Champa	Prey Kabbas	212L	Mr. Ngeth Meng (Project 5)
		Pong Tuek, Tuol Pongro, Srae Kaes, Preal, Thmei, Ping Pong, Saom, Daeum Rumdoul, Daeum Angkal, Tunlaob	Saom	Kiri Vong	258L	Mr. Snguon Saran
		Tuol Krasang Kor, Tuol Krasang Khor, Poun Kork	Angkor Borei			
		Prey Ba Suek, Svay Tboundg, Svay Cheung, Rumlong, Ta Ei	Ba Srae	Angkor Borei	265L	Mr. Keo Sarade (Project 2)
		Yea Ba'eu, Ta Moun	Prey Phkoam			
17	Otdar Meanchey	Ruessei, Ou Chik, Tnal Kaeng	Ph'av	Trapeang Prasat	163L	MLP Electricity Trapeang Prasat*
		Tuol Ta Sek, Ou Kroch, Chhuk Sar	Ou Svay			
		Tumnob Dach, Tuol Char, Chey Nivaodth, Tuol Pro, Preah Pralay	Tomnob Dach	Trapeang Prasat	312L	Mr. Phom Pheak*
		Banteay Chas, Kor, Prey Thum	Chong Kal	Chong Kal	313L	Mr. Chhim Saro
		Cheung Tien, Kouk Pongro	Cheung Tien			
		Ta Pen	Pongro	Chong Kal	388L	Mrs. Khiv Sophal (Project 3)
		Tnaot	Bansay Reak	Krong Samraong	444L	Mrs. Kong Chanda
18	Kep	Damnak Chambak	Sangkat Ou Krasar	Damnak Chang'aeur	180L	Kep Power Supply*
		Chamkar Bei, Ou Doung, Prey Ta Kouy, Phnum Leav	Pong Tuek			
		Tuol Sra Ngam	Sangkat Angkaol			
		Kaev Krasang	Kep	Krong Kep		
Total		647 Villages	236 Communes	74 Districts		
Funded by Kreditanstalt für Wiederaufbau (KfW)						
1	Banteay	Wat Thmei	Phnum Touch	Mongkol Borei	105L	TNNT Electricity* (Project 5)

	Meanchey	Srae Prey, Ta Pun	Chamnaom						
		Ph'av Thmei	Kouk Ballangk						
		Ou Snaout, Kouk Ampil	Ou Prasat						
		Kouk Tun Laob, Pongre, Trang, Ou Thum	Banteay Neang						
		Chum Teav	Ruessei Kraok						
		Preah Srae, Ta Lom Kandal, Ta Lom Chong, Chong Kork, Boeng Khleang Lech, Boeng Khleang Keut	Ta Lam						
		Say Samon	Chamnaom				Mongkol Borei	324L	Mrs. Khiev Sokha* (Project 5)
		Doun Nouy	Treas				Svay Chek	379L	Mrs. Keo Chhorvy (Project 3)
		Chamkar Kor	Svay Chek						
2	Battambang	Boeng Pring	Boeng Pring	Thma Koul	105L	TNNT Electricity* (Project 5)			
		Post Kantueu	Kantueu Pir	Banan	244L	K.R.Y Trading			
		Svay Bei Daeum	Kantueu Mouy						
		Prey Toteung	Bay Damram						
		Ou Rum Chek Kraom, Ou Rum Chek Leu	Ou Samrel	Samlout	392L	ASDVM Co., Ltd (Project 3)			
3	Kampong Cham	Trapeang Snor, Thmei	Trapeang Kor	Cheung Prey	047L	Sor Malis Electricity Enterprise (Project 3)			
		Sram Lech, Sram Keut, Praknaor, Kralach, Trapeang Thmat, Pratheart, Andoung Trang	Sramar						
		Phnov Lech, Bati, Prey Char Khnong	Prey Char						
		Chum Lech, Pdau Chum Keut, Cham Neang, Chheu Teal	Pdau Chum						
		Banak	Soutip						
4	Kampong Chhnang	Trapeang Pou, Dok Pou	Khon Rang	Baribour	040L	M.H Electyricity (Project 6)			
		Chhnok Tru	Chhnok Tru	Baribour	040L	M.H Electyricity (Project 7)			
		Trapeang Pou	Khon Rang						
		Andoung Chrous, Trapeang Trach, Chearov, Prey Khmer	Rolea B'ier	Rolea B'ier	095L	Mrs. Chan Simoly (Project 3)			
		Andoung Chrey	Andoung Snay						
		Mean Chey, Spok Reach	Kouk Banteay						

		Andoung Snay, Andoung Chrey	Andoung Snay	Rolea B'ier	095L	Mrs. Chan Simoly (Project 4)
		Trou Neam Pech, Mean Chey	Kouk Banteay			
		Damnak Ampil, Kdol, Lpov	Krang Skear	Tuek Phos	119L	Mr. Un Sothea (Project 7)
		Veal Sbov, Krang Ta Mum	Tang Krasang	Tuek Phos		
		Trapeang Ta Sok	Prey Mul	Rolea B'ier	300L	OSVR Trading (Project 11)
		Preah Ream Rang Sey, Ou ROUNG	Chrey Bak			
		Kol Kub	Srae Thmei			
		Phnum Touch	Pongro			
5	Kampong Speu	Pou	Damnak Reang	Odongk	137L	Meng Sok Leng Construction and Electric* (Project 6)
		Trapeang Sophy, Krabey Prey, Prey ROUNG, Wat Phnum	Phnum Touch			
		Angk Ta Loeng, Trapeang Veng, Angk Khmao, Trapeang Ruessei	Sambour	Samraong Tong		
		Prey Pdau	Trapeang Kong			
6	Kampong Thom	Tnal, Thum	Tuol Kreul	Prasat Ballangk	368L	Miss. Tan Kimbouy (Project 3)
		Srae Veal, Prech, Ou Khyang, Kien Teak	Sakream			
7	Kandal	Angk Ta Seth	Tuol Prech	Angk Snoul	137L	Meng Sok Leng Construction and Electric* (Project 6)
		Trapeang Tnaot	Mkak			
		Kdan Rouy	Damnak Ampil			
		Roung Kou, Kab Leav, Maot Boeng, Trapeang Snar, Damrei Slab, Trea, Tral	Trea	Kandal Stueng	153L	Boeng Khyang Electricity Enterprise
		Kaoh Khnaor, Prey Roka, Chambak Trab, Boeng Phneaek	Preaek Roka			
		Prey Ta Thok, Prey Ta Toch, Prey Prasat, Preaek Saleng, Pun Chann	Preaek Slaeng			
		Kaoh Khnaor	Preaek Roka	Kandal Stueng	174L	Electricity Pout Sor Enterprise* (Project 3)
		Trapeang Svay	Trea			
		Kok Teul, Chroulong	Tbaeng			
		Chambak Kaong, Tuol Knaorng	Tuol Prech	Angk Snoul	261L	Sahakreas Aphivath Akisni Chunabort*
		Trapeang Thlan	Ponsang			
Angkor Chey	Snaor					

		Prey Ta Pun, Trapeang Pou, Boeng Kambor, Thmar	Ovlaok					
		Preaek Kong Reach	Preaek Rey	Lvea Aem	272L	Sahakreas Akisani Kampong Chamlong Bakdav* (Project 2)		
		Ba Run, Knaor Roka	Barong	Lvea Aem	347L	7NG Group, 1 st Payment		
8	Koh Kong	Chi Phat	Thma Daun Pov	Thma Bang	418L	Mrs. Chheng Touch (Project 3)		
9	Kratie	Ou Preah	Ou Krieng	Sambour	395L	Mrs. Khun Sokgach* (Project 6)		
10	Preah Vihear	Trapeang Tuntoem	Romtum	Rovieng	329L	Mrs. Teang Bonika (Project 2)		
		Kuleaen Cheung	Kuleaen Cheung	Kuleaen	334L	Mr. Chak Sean (Project 3)		
		Kuleaen Tboundg	Kuleaen Tboundg					
11	Prey Veng	Prey Ta Prum, Svay, Trapeang Krach, Trapeang Toem	Preal	Kanhchriech	259L	Inter BP Solution Corporation (Project 3)		
		Prey Tbal	Chong Ampil					
		Krous	Kdoeang Reay					
		Tboundg Wat	Krabau	Kamchay Mear				
		Trapeang Brei, Tralach Sar, Doun Deav	Trabaek					
		Boeng Kok, Prey Tamok Thmei, Trapeang Dang Heut, Chou Ph'av	Doun Koeng					
		Krang Chambak	Pea Rong				Svay Antor	
		Kouk, Trabaek Lech	Svay Antor	Svay Antor	259L	Inter BP Solution Corporation (Project 4), 1 st Payment		
		Tuek Thla, Traok	Tuek Thla					
		Trapeang Pring, Koun Tnaot, Veal Toch, Beut Meas	Damrei Puon					
		Tunsay Choul Heub	Doun Koeng	Kamchay Mear				
		Pruek Sa Ti Mouy, Ou Kanhtory	Smaong Khang Tboundg					
		Prey Stour, Ban Phleung	Smaong Khang Cheung					
		Andoung Trat	Chres	Me Sang			269L	Mr. Kong Yorn (Project 3)
		Sras Ta Oem, Kouk Chres, Sou	Angkor Sar					
				Preaek Ta Roth	Kampong Prang	Pea Reang	272L	Sahakreas Akisani Kampong Chamlong Bakdav* (Project 2)

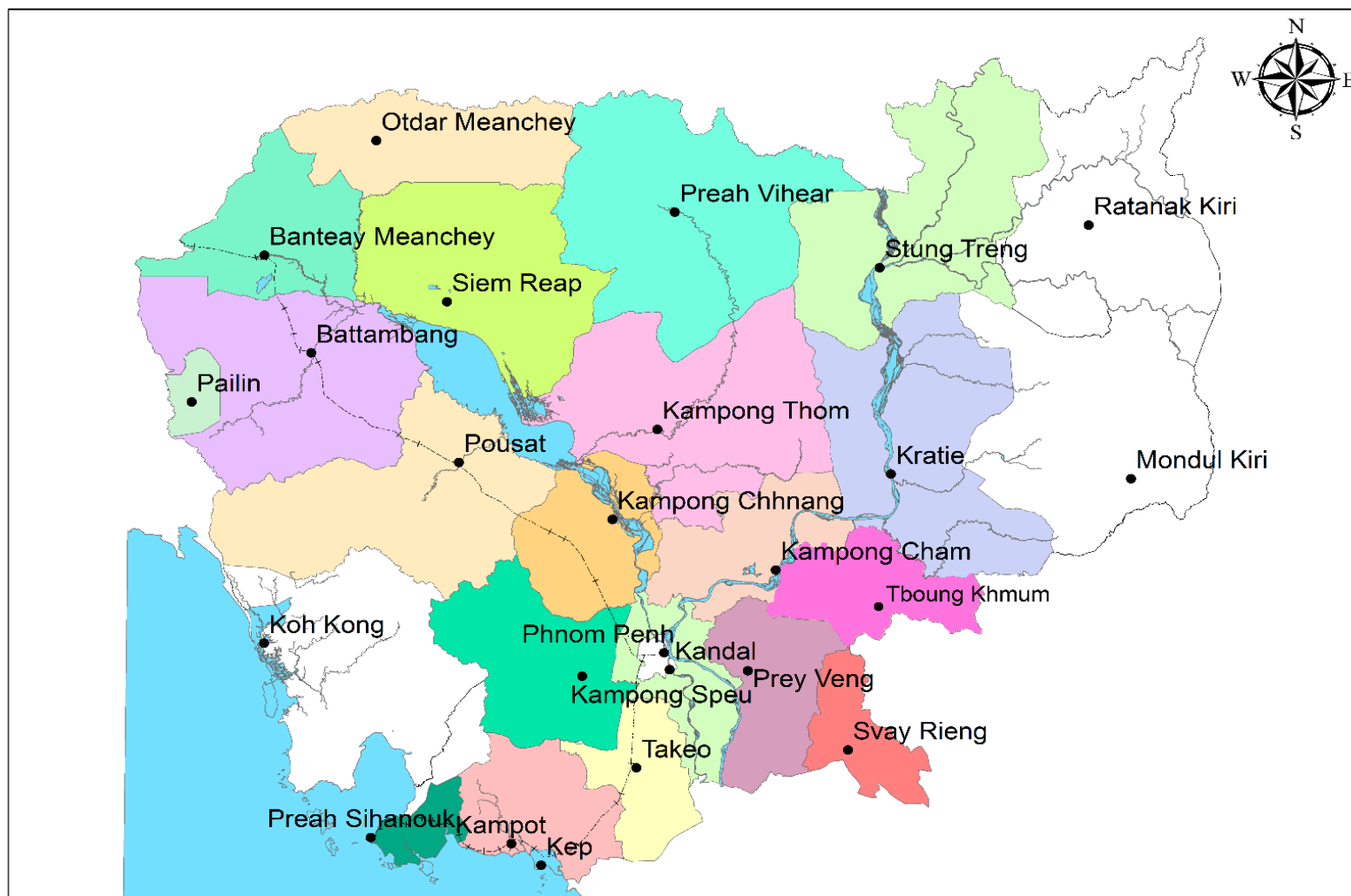
12	Pursat	Stung Thmei	Pramaoy	Veal Veang	404L	Mr. Heng Chanthavy* (Project 2)
13	Siem Reap	Dang Ph'av, Phlong, Chey Bour, Sambuor, Ou Rung	Pongro Kraom	Chi Kraeng	111L	Mr. Kong Vun* (Project 4)
		Mkak, Ta Lien	Kouk Thlok Leu			
		Dob Tnaot, Sralau Srong, Chey Chhkar	Pongro Leu			
		Trav Bak, Braveal	Ta Yaek	Soutr Nikom	183L	Mrs. Meas Keav (Project 3)
		Popel Kandal, Trapeang Prey	Popel			
		Sak Kda, Boeng Mealea	Boeng Mealea	Svay Leu	183L	Mrs. Meas Keav (Project 4)
		La'ork	Kouk Thlok Leu	Chi Kraeng		
		Trapeang Knar, Chub Kraom	Svay Leu	Svay Leu	229L	Mr. Khean Kev (Project 3)
		Dambouk Khpos	Ta Siem			
14	Preah Sihanouk	Boeng Ta Srey, Boeng Ta Prum, Doun Louy, Tuek Chech, Boeng Chum, Phnum Toch	Boeng Ta Prum	Prey Nob	271L	Mr. Hung Huy (Project 5)
		Srae Khnong, Srae Cham Leu, Ou Chrov, Srae Cham Kraom	Ou Chrov			
15	Stung Treng	Ou Ruessei Kandal	Ou Ruessei Kandal	Siem Bouk	395L	Mrs. Khun Sokgach* (Project 6)
		Kamphun	Kamphun	Sesan		
16	Takeo	Veal Prey, Trapreang Trayeuk, Mreas Prov, Ta Nob, Bochab, Run	Chambak	Bati	118L	Bati Electricity Enterprise (Project 2)
		Tnaot	Tnaot			
		Trapeang Pou, Boeng Ponhear Kuk, Mreas Prov, Trapeang Kieb, Roleang	Trapeang Krasang			
		Trpeang Ruessei, Trapeang Rumpaort, Thmar Kaev, Yeay Lor, Angk Roneab	Tram Kak	Tram Kak	121L	Mr. Nget Soda
		Ruessei Srok	Nhaeng Nhang			
		Khnar	Krang Thnong	Bati	174L	Electricity Pout Sor Enterprise* (Project 3)
		Sramok	Ponley	Angkor Borei	238L	Mr. Hou Veasna (Project 2)
		Trong Phum, Prey Phkoam Kor	Prey Phkoam	Angkor Borei	273L	Mr. Chea Sovannara
17	Pailin	Veal	Stueng Trang	Sala Krau	009L	M.S.P Development

18	Tboung Khmum	Trabaek, Ph'av, Sramar, Khley, Tuek Chhrov	Tuek Chrov	Dambae	308L	Mrs. Phin Thai (Project 2)
		Ponleak, Char Thum, Koun Trum, Cheab Cheung, Cheach Thum	Chong Cheach			
		Kouk Srok	Kouk Srok			
		Chambak	Neang Teut			
		Andoung Pech, Chhoung Ta Sau, Tuol Sampor, Chi Theang, Dangha, Rumpaort Mouy, Rumpaort Pir, Rumpaort Bei, Khnach Chum, Takeo	Seda	Dambae	339L	Mr. Thov Ny (Project 3)
		Rumlech	Dambae			
		Phkar Doung, Sras, Mous Svay, Roum Vech	Chhuk			
Total	235 Villages	97 Communes	37 Districts			
Grand Total	882 Villages	322 Communes	99 Districts			

Remark: Out of 882 villages, there are 8 villages in which program with funding from both EDC and KfW were implemented.

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 2019



Annex 10

Provincewise information on licensees who have executed contracts, funded by EDC, with REF for getting grant assistance to Promote Access to Grid Electricity for ID Poor Households in rural areas in 2019

Province	Area of supply	License No.	Name of Licensee	Source of supply
Battambang	Some part of Khum Cheng Meanchey, Banan Doistrict	330L	Mr. Lonh Savan	EDC
Kampong Cham	Some part of Chamkar Leu District	038L	Tnal Bek Chamkar Leu Electricity Enterprise (Project 4)	Electricity Skon-Chamkarleu
	Some part of Batheay District	288L	Mr. Yin Kimly	EDC
	Khum Batheay, Batheay District	400L	Mr. Hong Sengkry* (Project 3)	EDC
Kampong Chhnang	Some part of Kampong Tralach District	400L	Mr. Hong Sengkry* (Project 3)	EDC
Kampong Thom	Some part of Sandan District	199L	Soem Lay Y Electricity Enterprise (Project 3)	EDC
			Soem Lay Y Electricity Enterprise (Project 4)	EDC
	Some part of Prasat Sambour District	326L	Vanna Layhim Electricity Enterprise (Project 4)	EDC
			Vanna Layhim Electricity Enterprise (Project 5)	EDC
	Some part of Khum Salavisay and Khum Toul Kreul, Brasat Balangk District	327L	Mr. Koeut Chanthy	BVC Power Development
	Some part of Baray District	367L	Mr. Soeun Sophal (Project 6)	BVC Power Development
Mr. Soeun Sophal (Project 7)			BVC Power Development	
Kampot	Chum Kiri District	197L	Electricity Angroka Enterprise*	EDC
Kandal	Some part of Sa'Ang District	179L	Akisni Nhoek My Enterprise* (Project 2)	LMK
Kratie	Some part of Sombo District	346L	Mrs. Chea Sokheng	EDC
	Some part of Prek Prasorb and Sombo District	353L	Mr. Sok Hengseang	EDC
Preah Vihear	Some part of Sangkum Thmey, Roveang, Tbeng Meanchey, Chey Sen District and Krong Preah Vihear	329L	Mrs. Teang Bonika	BVC Power Development
Pursat	Some part of Bakan District	033L	Chhuo Nguon Electricity Enterprise (Project 2)	EDC
			Chhuo Nguon Electricity Enterprise (Project 3)	EDC
	Some part of Bakan and Phnom Kravanh	034L	Yen Youlay Electricity Enterprise (Project 3)	EDC

	Districts			
	Some parts of Phnum Kravanh District and Pursat City	124L	Ear Laysean Krovanh Electricity Enterprise (Project 3)	EDC
Siem Reap	Some parts of Chikreng and Sotnikum District	129L	Mr. Chan Sok (Project 4)	KTC Cable
	Some part of Khmum Kantuot, Svay Leu, Banteay Srey, Varin District	240L	Mrs. Long Kimheng* (Project 3)	EDC
	Some part of Varin District	359L	Akisani Warin Angkor	EDC
Takeo	Baty and Preykabas District	179L	Akisni Nhoek My Enterprise* (Project 2)	LMK
	Some part of Tramkork District	197L	Electricity Angroka Enterprise*	EDC
Otdor Meanchey	some part of Anlong Veng District, Province	240L	Mrs. Long Kimheng* (Project 3)	EDC

Note: * Area of supply in 2 provinces.

Annex 11

**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 under OBA Program to Promote Access to
Grid Electricity for ID Poor HH in 2019**

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
Battambang	330L	Mr. Lonh Savan	78	35	Disbursed
Kampong Cham	038L	Tnal Bek Chamkar Leu Electricity Enterprise (Project 4)	100	100	Disbursed
	288L	Mr. Yin Kimly	362	-	On going
Kampong Chhnang	400L	Mr. Hong Sengkry* (Project 3)	100	79	Disbursed
	421L	Mrs. Live Sok Hourng (Project 2)	-	100	Disbursed
Kampong Thom	199L	Soem Lay Y Electricity Enterprise (Project 3)	100	100	Disbursed
		Soem Lay Y Electricity Enterprise (Project 4)	10	10	Disbursed
	326L	Vanna Layhim Electricity Enterprise (Project 4)	100	100	Disbursed
		Vanna Layhim Electricity Enterprise (Project 5)	60	60	Disbursed
	327L	Mr. Koeut Chanthly	80	75	Disbursed and Closed
	367L	Mr. Soeun Sophal (Project 6)	100	100	Disbursed
Mr. Soeun Sophal (Project 7)		131	131	Disbursed	
Kratie	346L	Mrs. Chea Sokheng	100	-	On going
	353L	Mr. Sok Hengseang	100	100	Disbursed
Preah Vihear	329L	Mrs. Teang Bonika	80	39	Disbursed and Closed
Pursat	033L	Chhuo Nguon Electricity Enterprise (Project 2)	50	50	Disbursed
		Chhuo Nguon Electricity Enterprise (Project 3)	40	32	Disbursed and Closed
	034L	Yen Youlay Electricity Enterprise (Project 2)	-	197	Disbursed and Closed
		Yen Youlay Electricity Enterprise (Project 3)	26	26	Disbursed
	052L	Nareth Electricity Development Enterprise (Project 2)	-	81	Disbursed and Closed
	124L	Ear Laysean Krovanh Electricity Enterprise (Project 2)	-	27	Disbursed and Closed

		Ear Laysean Krovanh Electricity Enterprise (Project 3)	40	26	Disbursed and Closed
	125L	SVVT Electricity	-	26	Disbursed and Closed
	382L	Mrs. Kim Siphah	-	154	Disbursed and Closed
	383L	Mrs. Khim Heang	-	90	Disbursed and Closed
Siem Reap	129L	Mr. Chan Sok (Project 4)	106	81	Disbursed and Closed
	240L	Mrs. Long Kimheng* (Project 3)	80	80	Disbursed
	359L	Akisani Warin Angkor	100	-	Closed
Takeo	179L	Akisni Nhoek My Enterprise* (Project 2)	48	-	On going
	197L	Electricity Angroka Enterprise*	120	120	Disbursed
Otdar Meanchey	240L	Mrs. Long Kimheng* (Project 3)	-	-	Disbursed and Closed
Total			2,111	2,019	

Annex 12
List of villages covered, under funding by EDC, by OBA Program to Promote Access to Grid Electricity for ID Poor HH was implemented in 2019

No.	Province	Number of villages in which OBA program was implemented	Commune	District	License No.	Licensee
1	Battambang	Chang Hou Svay, Roung, Bos Khnol, Chaeng, Thor, Kampong Koul Thmei	Chaeng Mean Chey	Banan	330L	Mr. Lonh Savan
		Sabour Meas	Snoeng			
2	Kampong Cham	Chhouk, Neang Leuk, Ta Sen, Rum Chek	Ta Prok	Chamkar Leu	038L	Tnal Bek Chamkar Leu Electricity Enterprise (Project 3)
3	Kampong Chhnang	Steung Snguot, Kien Klang, Kaek Pong, Bek Chann, Bak Phnum, Kbal Kaoh, Kla Krou Heum, Sdei Bantech	Ampil Tuek	Kampong Tralach	400L	Mr. Hong Sengkry* (Project 3)
		Veal Sbov, Samreth Chey, Preak Kanlorng	Kampong Tralach			
		Khong	Svay Rumpear	Kampong Leaeng	421L	Mrs. Live Sok Hourng
		Kampong Chen, Damnak Koh Kors, Thmei, Peam Tunla, Pou, Samrong	Pou			
		Kampong Boeng	Kampong Hau			
		Chrou Loung	Dar			
		Trangel, Trabaek, Trapeang Meas, Tumnub	Trangel			
		Thlouk, Lech	Chranouk			
4	Kampong Thom	Srae Chorg, Chou, Sandan, Ba Chey, Kra Sang, Khmer, Prasat Andeardth	Sandan	Sandan	199L	Soem Lay Y Electricity Enterprise (Project 3)
		Tang Krasau, Krabei Prey, Kraing Deum, Dang Totoeng, Rovieng, Svay	Ngan			
		Trabaek, Chek Muy Stoung, Chaom Phal, Thmei	Mean Chey			
		Chhuk	Sandan	Sandan	199L	Soem Lay Y Electricity Enterprise (Project 4)
		Chi Neang, Tuek Andoung	Tang Krasau	Prasat Sambour		
		Tumnoub, Beng	Sraeung			
		Khgov, Banchalea, Chamres, Toul Char	Koul			
		Krabau, Kamping Takong	Chhuk			

		Poutreadt	Sambour			
		Sambour, Chrormass, Koun Khaek	Sambour	Prasat Sambour	326L	Vanna Layhim Electricity Enterprise (Project 4)
		Chaom	Tang Krasau			
		Veal Veng, Anlong Sleng, Chhuk Stoeng	Chhuk			
		Thnot Chour, Beng, Thmei	Sraeung			
		Sala Visai, Trapang Thmar, Kokir, Khvan Tieng, Khmak, O'kroch	Sala Visai			
		Tuol Kreul	Tuol Kreul	Prasat Ballangk	327L	Mr. Koeut Chanthy
		Ponley, Sampov Loun	Chaeung Daeung	Baray	367L	Mr. Soeun Sophal (Project 6)
		Bak Sna Leu, Trapang Touk	Bak Sna			
		Anlong Thmor, Anlong Veng	Kokir Thum			
		Ou Chamres Trapang Touk	Bak Sna	Baray	367L	Mr. Soeun Sophal (Project 7)
		Kampong Sdach, Roleab, Char, Leav	Krava			
		Braneak	Chaeung Daeung			
		Touk Pir, Anlong Veng, Pon	Kokir Thum			
5	Kampot	Srae Chaeng, Khpob Run	Srae Chaeng	Chum Kiri	197L	Electricity Angroka Enterprise*
6	Kratie	Thmar Reap	Preaek Prasab	Preaek Prasab	353L	Mr. Sok Hengseang
		Preaek Braloung, Preaek Roka, Saob Krom, Saob Leu, Keng, Boeng Cheng, Preaek Chik, Kampong Dor, Rokar Thum	Saob			
		Khsach Toub, Chrouy Banteay	Chrouy Banteay			
		Koh Som	Sambour	Sambour		
		Preaek Kreang	Voadthanak			
7	Preah Vihear	Bratheadh, Dar	Chamraeun	Sangkum Thmei	329L	Mrs. Teang Bonika
		Kouk, S'ang	S'ang	Chey Saen		
		Tuol Chhuk	Tasu	Rovieng		
		Rum Chek, Srae Thnong	Romoneiy			
		Svay Bart	Rumdaoh			
8	Pursat	Prey Pdau, Chamkar Leu, ROUNG, Trach Kraul	Boeng Khnar	Bakan	033L	Chhuo Nguon Electricity Enterprise (Project 2)
		Tamum, Chentay, Trang, Samraong Prey Khiev, Mor	Me Tuek			

	Tuol Angkromng, Khnar Totueng, Phtes Sla	Khnar Totueng			
	Knay Roumeas, Preah Mlou, Prey Svay, Trach Kraul, Sakor	Boeng Khnar	Bakan	033L	Chhuo Nguon Electricity Enterprise (Project 3)
	Kdat, Tamum, Trang, Mor, Samraong Prey Khiev, Angkach	Me Tuek			
	Koh Krabey, Khnar Totueng, Phtes Sla, Kamprak Koun	Khnar Totueng			
	Samakki, Khmar, Tuol Khmer, Andoung Krasang, Thnous Thnors Ta Chab, Chambak Meas, Bak Pring, Phnov, Sdok Svay, Cheung Pleung, A Ren, Anloun Mean, Andoung Sambour	Snam Preah	Bakan	034L	Yen Youlay Electricity Enterprise (Project 2)
	Boeng Chhuk, Boeng Bat Kandal, Tuol Thma, Preah Ampil, Svay Chrum, Ou, , Bot Trach, Doung Chrum, Ruessei Ta Man, Samrong, Tram Ses	Boeng Bat Kandal			
	Bour Sra Ngae, Kdey Chhnuol, Srae Lvea, Chamkar Ou, Thmei, Trapeang Chong, Boeng Prey, Bakan, Kroul Krabei, Ou Rumchek, Pit Trang, Steung Kambot, Kab Kralach, Preah Chambak	Trapeang Chong			
	Kmar	Lolok Sa	Krong Pursat		
	Thnors Ta Chab, Kmar, Tuol Khmer, Kra Peu Rou, Samakki, Sdok Svay	Snam Preah	Bakan	034L	Yen Youlay Electricity Enterprise (Project 3)
	Tuol Thma, Boeng Chhuk, Bot Trach	Boeng Bat Kandal			
	Koh Keo, Srae Lvea, Trapeang Chong, Kandoeng Meas, Pit Trang, Bour Sra Ngae, Snay Toul	Trapeang Chong			
	Sala Kumrou	Prey Nhi	Krong Pursat	052L	Nareth Electricity Development Enterprise (Project 2)
	Tuol Mkak, Stoeng Toch	Roleab			
	Chumrum Seam, Koh	Lolok Sa			
	Stha Ni, Ou Sdau	Svay At			
	Ang Kroung, Rovieng	Samraong	Phnum Kravanh	124L	Ear Laysean Krovanh Electricity Enterprise (Project 2)
	Veal, Ou Heng	Samraong	Phnum Kravanh	124L	Ear Laysean Krovanh Electricity Enterprise (Project 3)
	Prey Smach	Rokat			
	Khseth Borey, Koul Totoeng, Srae Popeay, Santreae	Santreae			

		Thmei	Tnot Chum	Krakor	125L	SVVT Electricity 2 nd and last payment	
		Moat Prey, Kampong Lor, Chek Chao	Kampong Pou				
		Kach Cheu Baydach, Kbal Romeas, Boeng Chhouk, Phtes Kor, Preaek Chheu Trav	Anlong Vil	Kandieng	382L		Mrs. Kim Siphall 4 th Payment
		Bang Koul, Sya, Chheu Teal, Phtes Srae, Rong Machine	Svay Luong				
		Phlov Luong, Pou Andeaet, Preaek Trabek	Kanhchor				
		Banteay Trourk, Trang, Chamkar Ta Pou, Chamres, Pou, Pring Khpos, Veal, Sarieng	Srae Sdok				
		Trapeang Thma, Kampong Sambuor, Prey Srakoum, Sya, Wat Leab	Sya				
		Reang Til	Reang Til				
		Damrei Sa, Kien, Sdok Chum	Kaoh Chum				
		Tram Pear	Snam Preah	Bakan			
		Kbal Tear Hean, Kapas, Kapas Leu, Kandal, Chheu Teb, Bamnak, Dang Kieb Kdam, Tien Prey, Cham Thmei, Tuol Tbaeng	Chheu Tom	Krakor	383L		Mrs. Khim Heang 2 nd and Last Payment
		Boeng Smok, Kamraeng, Tuol Andeath, Ou Chan	Svay Sa				
9	Siem Reap	Thnal Dach, Kansaeng, Ou, Damrey Chhorng, Prey Pros	Sangvaeuy	Chi Kraeng	129L	Mr. Chan Sok (Project 4)	
		Boeng, Spean Toch, Totoeng Thnay, Kroch, Samrong Kanchouk, Ruessei Lok	Ruessei Lok				
		Bak Ang Rut	Kouk Thlok Kraom				
		Srae Nouy, Wat, Khnar Tkoul, Prey Khnol, Rolum Run Thmei, Lvea Krang	Srae Nouy	Varin	240L	Mrs. Long Kimheng* (Project 3)	
		Kouk Wat	Varin				
		Tuol Krous, Khun Prum, Khun Ream	Khun Ream	Banteay Srei			
		Tapean	Tbaeng				
		Khnar Kraov	Kantuot	Svay Leu			
10	Takeo	Sambour, Prey Tadok, Benmeas, Trapeang Chhuk, Ta Smon, Tasaom, Ta Ben, Chan Taeb, Krabei Prey, Koh Nhay	Samraong	Tram Kak	197L	Electricity Angroka Enterprise*	
		Stoeng, Sokrom, Tuol Khlong, Trapeang Dangtuek, Trapeang Khchao, Trapeang Klou, Trapeang Kralach, Tnot Chum	Ou Saray				

		Prey Takhab	Kus			
		Khpor Svay, Trapeang Chok	Trapeang Kranhoung			
		Pak Bang' Ong	Trapeang Thum Khang Cheung			
		Trapeang Prey, Trapeang Tasaom, Trapeang Chhuk, Trapeang Kon, Trapeang Koh	Trapeang Thum Khang Tbound			
11	Otdar Meanchey	Sralau Srong	Lumtong	Anlong Veang	240L	Mrs. Long Kimheng* (Project 3)
		303 Villages	76 Communes	24 Districts		

Annex 13

Map showing the provinces in which Output Based Aid (OBA) Program to Promote Access to Grid Electricity for ID-Poor Households, is implemented in 2019

