

IN THE THIRD MEETING OF THE THIRD SESSION OF THE SEVENTH PARLIAMENT OF THE FOURTH
REPUBLIC OF GHANA

REPORT OF THE FINANCE COMMITTEE ON

- I. THE TERM LOAN FACILITY AGREEMENT BETWEEN THE GOVERNMENT OF THE REPUBLIC OF GHANA (REPRESENTED BY THE MINISTRY OF FINANCE) AND INDUSTRIAL AND COMMERCIAL BANK OF CHINA (ICBC) LIMITED FOR AN AMOUNT OF UP TO NINETY-FIVE MILLION, THREE HUNDRED AND SEVENTY-FIVE THOUSAND, TWENTY UNITED STATES DOLLARS AND THIRTY-SIX CENTS (US\$95,375,020.36) TO FINANCE THE SUPPLY AND ERECTION OF ELECTRICAL MATERIALS AND EQUIPMENT FOR THE ELECTRIFICATION OF 582 COMMUNITIES IN THE ASHANTI, BRONG AHAFO, EASTERN, VOLTA AND WESTERN REGIONS (PHASE 2 OF THE INITIAL 1,033 COMMUNITIES).

- II. THE TERM LOAN FACILITY AGREEMENT BETWEEN THE GOVERNMENT OF THE REPUBLIC OF GHANA (REPRESENTED BY THE MINISTRY OF FINANCE) AND SOCIETE GENERAL GHANA LIMITED FOR AN AMOUNT OF UP TO FIFTEEN MILLION, FOUR HUNDRED AND FIFTY THOUSAND UNITED STATES DOLLARS (US\$15,450,000.00) TO FINANCE THE SUPPLY AND ERECTION OF ELECTRICAL MATERIALS AND EQUIPMENT FOR THE ELECTRIFICATION OF 582 COMMUNITIES IN THE ASHANTI, BRONG AHAFO, EASTERN, VOLTA AND WESTERN REGIONS (PHASE 2 OF THE INITIAL 1,033 COMMUNITIES), AND

- III. REQUEST FOR WAIVER OF IMPORT DUTIES, IMPORT VAT, IMPORT NHIL/GETFUND LEVY, ECOWAS LEVY, EXIM LEVY AND SPECIAL IMPORT LEVY AMOUNTING TO THE GHANA CEDI EQUIVALENT OF THIRTY-ONE MILLION, SIXTEEN THOUSAND, SEVEN HUNDRED AND SEVENTY-ONE UNITED STATES DOLLARS (US\$31,016,771.00) [EQUIVALENT TO GH¢158,216,548.93] ON PROJECT MATERIALS AND EQUIPMENT TO BE PROCURED UNDER THE AGREEMENT TO FINANCE THE SUPPLY AND ERECTION OF ELECTRICAL MATERIALS AND EQUIPMENT FOR THE ELECTRIFICATION OF 582 COMMUNITIES IN THE ASHANTI, BRONG AHAFO, EASTERN, VOLTA AND WESTERN REGIONS (PHASE 2 OF THE INITIAL 1,033 COMMUNITIES)

1.0 INTRODUCTION

The

- i. Term Loan Facility Agreement between the Government of the Republic of Ghana (represented by the Ministry of Finance) and Industrial and Commercial Bank of China (ICBC) Limited for an amount of up to Ninety-Five Million, Three Hundred and Seventy-Five Thousand, Twenty United States Dollars and Thirty-Six Cents (US\$95,375,020.36) to finance the supply and erection of electrical materials and equipment for the electrification of 582 communities in the Ashanti, Brong Ahafo, Eastern, Volta and Western Regions (Phase 2 of the initial 1,033 Communities),
- ii. Term Loan Facility Agreement between the Government of the Republic of Ghana (represented by the Ministry of Finance) and Societe General Ghana Limited for an amount of up to Fifteen Million, Four Hundred and Fifty Thousand United States Dollars (US\$15,450,000.00) to finance the supply and erection of electrical materials and equipment for the electrification of 582 communities in the Ashanti, Brong Ahafo, Eastern, Volta and Western Regions (Phase 2 of the initial 1,033 Communities), and
- iii. Request for waiver of Import Duties, Import VAT, Import NHIL/GETFund Levy, ECOWAS Levy, EXIM Levy and Special Import Levy amounting to the Ghana Cedi equivalent of Thirty-One Million, Sixteen Thousand, Seven Hundred and Seventy-One United States Dollars (US\$31,016,771.00) [equivalent to GH¢158,216,548.93] on project materials and equipment to be procured under the Agreement to finance the supply and erection of electrical materials and equipment for the electrification of 582 communities in the Ashanti, Brong Ahafo, Eastern, Volta and Western Regions (Phase 2 of the initial 1,033 Communities)

was presented to the House on Tuesday, 5th November, 2019 by the Hon. Minister responsible for Planning, Professor George Yaw Gyan-Baffour on behalf of the Minister responsible for Finance.

Rt. Hon. Speaker referred the above agreements and the request for waiver of duties and taxes to the Finance Committee for consideration and report.

The Committee met with a Deputy Minister for Finance, Hon. Mrs. Abena Osei-Asare, a Deputy Minister for Energy Hon. William Owuraku Aidoo and officers from the Ministry of Finance, the Ministry of Energy and the Ghana Revenue Authority to consider the referrals.

2.0 DOCUMENTS REFERRED TO

The Committee referred to the following documents:

- i. The 1992 Constitution,
- ii. The Public Financial management Act, 2016 (Act 921), and
- iii. The Standing Orders of the Parliament of Ghana.

3.0 BACKGROUND INFORMATION

A major objective of the Government's poverty reduction and growth agenda is the extension of electricity infrastructure to support the operation of productive ventures, social projects and activities, especially in rural areas. The vehicle for attaining this objective is the National Electrification Scheme (NES).

The NES which commenced in 1990 aims at extending the reach of reliable electricity supply to all parts of the country over a 30-year period. Complementary to the NES is the Self-Help Electrification Programme (SHEP). Under this, communities which are within 20km radius of an existing Medium Voltage (MV) network and which have provided the requisite Low Voltage (LV) electric poles; and have wired at least one third (1/3) of the houses are qualified to be connected to the national electricity grid. So far, over 10,486 communities in Ghana, as at March 2019, have been connected to the national electricity grid under the NES and SHEP since their commencement in 1990. Rate of access to electricity in

Ghana has increased from about 15% of the population at the inception of the NES to the current level of 84.98%.

Government is currently implementing several electrification projects across the country. One of such projects is the China International Water and Electric Corporation (CWE) project which aims at connecting One Thousand and Thirty-Three (1,033) communities to the national grid. Phase One of the project was earmarked to connect 495 communities in 15 Districts of the Ashanti, Eastern, Volta and Western regions. The project has been completed, with 507 communities already connected to the national grid.

In order to increase the access rate above the national average of 84.98% and to achieve the target of connecting One Thousand and Thirty-Three (1,033) communities to the national grid, Government is implementing the CWE Phase Two. This is to connect Five Hundred and Eighty-Two (582) beneficiary communities in the Ashanti, Brong Ahafo, Eastern, Volta and Western Regions to the national grid, bring the total to One Thousand and Thirty-Three (1,033) communities.

In order to finance this project, Government has sourced funding from the Industrial and Commercial Bank of China (ICBC) and Societe General Ghana for the supply and erection of electrical materials and equipment for the project. These agreements have been submitted to Parliament for approval.

Under the provisions of the Particular Conditions of Contract Agreement, clause 1.13(b) indicates that materials, equipment, supplies, tools, permanent and temporary consumables, which form part of the permanent installation shall be exempted from taxes, Value Added Taxes, customs duties, tariffs, levies established under the laws of Ghana and any such taxes paid by the contractor shall be reimbursed by the Employer within 90 days. Such taxes and fees are to be borne by the Government of Ghana.

At its Forty-Ninth Sitting of the Third Meeting held on Thursday, 21st December, 2017, Parliament approved by Resolution the requests for waiver of Import

Duties, Import VAT, Import NHIL/GETFUND, ECOWAS Levy, EXIM Levy, and Special Import Levy amounting to the Ghana Cedis equivalent of Twenty-Five Million, Sixteen Thousand, One Hundred and Ninety-Nine United States Dollars (US\$ 25,016,199.00) for the Phase One of the electrification of 1,033 communities in the Ashanti, Brong-Ahafo, Eastern, Volta and Western regions to be executed by Ministry of Energy/China International Water and Electric Corporation (CWE).

Accordingly, in line with Article 174(2) of the 1992 Constitution and to ensure that the project is implemented successfully, a request for the waiver of taxes on equipment and materials for the Phase 2 has also been submitted to Parliament for consideration and approval.

4.0 OBJECT OF THE PROJECT

The object of the two loans is to seek funding to connect 582 beneficiary communities in the Ashanti, Brong Ahafo, Eastern, Volta and Western Regions of the country.

5.0 TERMS AND CONDITIONS OF THE LOANS

The terms and conditions of the two credit agreements are as follows:

(1) Terms of the Sinosure Insured Facility Agreement financed by ICBC

Facility Amount	-	US\$95,375,020.36 (inclusive of an estimated Sinosure premium of US\$ 7,825,020.36)
Interest Rate	-	6months US Libor plus a margin of 1.95% p.a.
Grace Period	-	4 years
Repayment Period	-	11 years
Tenor	-	15 years
Commitment fee	-	0.5%
Upfront Fee	-	1.50% flat

(2) Terms of the Tied Commercial Facility financed by Societe Generale

- Ghana

Facility Amount	-	US\$15,450,000.00
Interest Rate	-	6month Libor + a margin of 4.50% p.a.
Grace Period	-	1year
Repayment Period	-	5years
Tenor	-	6years
Commitment fee	-	0.75% p.a.
Facility Management	-	0.50% flat
Arrangement fee	-	0.75% flat

6.0 REQUEST FOR TAX WAIVER

The request is for a waiver of Import duties, NHIL/GETFund, Import VAT, EXIM Levy, ECOWAS Levy and SIL amounting to Thirty One Million and Sixteen Thousand, Seven Hundred and Seventy-One United States Dollars (US\$31,016,771) [GH¢158,216,548.93 equivalent]. The breakdown of the assessment is provided in Table 1 below:

Table 1 Assessment of duties, taxes and levies

	Description of Items	Total (US\$)
1	Import Duty	13,727,400
2	NHIL/GETFUND	4,312,435
3	Import VAT	11,320,141
4	EXIM Levy	578,134
5	ECOWAS Levy	385,423
6	SIL	693,238
	TOTAL	31,016,771

Attached as an Appendix to this report is the details of the assessment by the Ghana Revenue Authority.

7.0 OBSERVATIONS

The Committee made the following observations:

7.1 Progress So Far

The Committee was informed that under the project, a total of One thousand and Thirty-Three (1,033) communities would be connected to the national grid. The project is to be implemented in two phases. Phase one of the project has been completed. It targeted at connecting Four Hundred and Ninety-Five (495) communities in Fifteen (15) districts. At the time of completion, Five Hundred and Seven (507) communities have been connected to the national grid.

The technical team indicated that under Phase two, the remaining Five Hundred and Eighty -Two (582) communities would be connected to the national grid.

7.2 Scope of the Project

The Committee observed that the scope of the project involves the design, manufacture, delivery, installation, testing and commissioning, and handing-over of the electrification project in 582 beneficiary communities in the Ashanti, Brong Ahafo, Eastern, Volta and Western Regions of the country. The list of the beneficiary communities is attached to this report.

7.3 Completion Date of the Project

The Committee noted that the project completion date is 1,460 days (approximately 3years and 10months) from the commencement date.

7.4 Other On-going Projects

The Committee was informed that Government is currently implementing several other electrification projects across the country. About One Thousand, Three Hundred (1,300) communities will have access to electricity supply upon completion of these projects. The projects are;

- Outstanding SHEP-4 project;
- Outstanding SHEP-5 project;

- Electrification of selected communities in the Northern, Eastern and Volta Regions (Phase1); and
- Electrification of selected communities in the Western, Central and Brong Ahafo Regions.

The technical team indicated that following the completion of these communities, access to electricity would be closer to the targeted minimum of 90%.

7.5 Fiscal Impact Assessment

The Committee was informed that a Debt Sustainability Analysis (DSA) has been conducted and the project was factored in the assessment which informed the Government's Medium-Term Debt Strategy (MTDS) and consequently determined government's borrowing plan for the medium term and published as Appendix 10c of the 2019 Budget.

The fiscal impact of this project has been incorporated in the 2019 Budget and forms part of the anticipated Project Loan disbursement amount of GH¢4.3 Billion.

7.6 Benefits from the Project

The Committee was informed that when complete, the CWE Phase 2 project will contribute significantly towards the achievement of universal access to electricity. Access to electricity in these communities will enhance their social well-being and economic activities. Other opportunities include:

- Creating small-to medium-scale industries in rural areas;
- Creating jobs in the rural areas and thus reducing the rate of rural to urban migration;
- Increasing people's standard of living, especially those in the rural areas;
- Increasing the overall socio-economic development of the nation; and
- Enhancing activities in other sectors of the economy, such as, Agriculture.

7.7 Tax Waiver

The Committee was informed that under the Particular Conditions of Contract Agreement, the project is to be exempted from the payment of taxes. Due to this, taxes and duties due under Phase One were waived. This ensured a smooth implementation of the project. In order to ensure the successful implementation of Phase two, there is the need to waive taxes and duties. It is in this respect that the request for the waiver of taxes and duties amounting to US\$31,016,771 has been submitted to the House for approval.

8.0 CONCLUSION

Considering the benefits the communities and the country stand to gain from undertaking this project and the immense socio-economic benefits to be derived from it, the Committee is of the view that the project and the request are in the right direction.

The Committee therefore recommends to the House the adoption of its report and the approval of the:

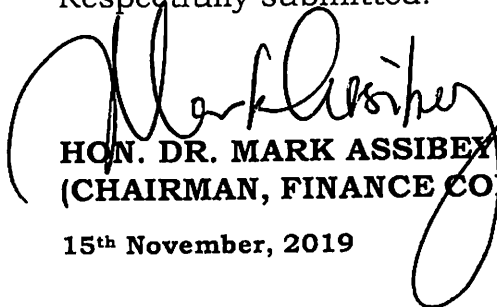
- i. Term Loan Facility Agreement between the Government of the Republic of Ghana (represented by the Ministry of Finance) and Industrial and Commercial Bank of China (ICBC) Limited for an amount of up to Ninety-Five Million, Three Hundred and Seventy-Five Thousand, Twenty United States Dollars and Thirty-Six Cents (US\$95,375,020.36) to finance the supply and erection of electrical materials and equipment for the electrification of 582 communities in the Ashanti, Brong Ahafo, Eastern, Volta and Western Regions (phase 2 of the initial 1,033 Communities),
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582 communities in the Ashanti, Brong Ahafo, Eastern, Volta and Western Regions (Phase 2 of the initial 1,033 Communities), and

- iii. Request for waiver of Import Duties, Import VAT, Import NHIL/GETFund Levy, ECOWAS Levy, EXIM Levy and Special Import Levy amounting to the Ghana Cedi equivalent of Thirty-One Million, Sixteen Thousand, Seven Hundred and Seventy-One United States Dollars (US\$31,016,771.00) [equivalent to GH¢158,216,548.93] on project materials and equipment to be procured under the Agreement to finance the supply and erection of electrical materials and equipment for the electrification of 582 communities in the Ashanti, Brong Ahafo, Eastern, Volta and Western Regions (Phase 2 of the initial 1,033 Communities)

in accordance with Articles 174(2) and 181 of the 1992 Constitution, Section 56 of the Public Financial Management Act, 2016 (Act 921) and the Standing Orders of Parliament.

Respectfully submitted.



HON. DR. MARK ASSIBEY-YEBOAH
(CHAIRMAN, FINANCE COMMITTEE)
15th November, 2019



EVELYN BREFO-BOATENG (MS)
(CLERK, FINANCE COMMITTEE)

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**Provisional List of Beneficiary Communities for the
Self-Help Electrification Programme in Five Regions-
Phase II**

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BENEFITARY COMMUNITIES OF 5 REGIONS PROJECT-PHASE 2

No.	District	Communities	Remark
Ashanti Region			
1	Ashanti Akim North	33	
2	Bekwai	9	
3	Adansi North	5	
4	Ejura-Sekyedumase	16	
5	Atwima Mponua	39	
6	Offinso South	15	
7	Amansie West	35	
8	New Edubiase	54	
9	Atiwma Kwanwoma	6	
10	Ahafo Ano North	22	
11	Atwima Nwabiagya North	10	
12	Atwima Nwabiagya South	8	
13	Ahafo Ano South West	43	
14	Ahafo Ano South East	19	
15	Offinso North	13	
16	Sekyere Central	16	
Regional Total		343	
Brong Ahafo Region			
1	Wenchi	14	
2	Jaman North	6	
3	Tano South	8	
4	Berkum East	10	
5	Techiman North	17	
6	Nkoranza North	17	
7	Dormaa Central	10	
Regional Total		82	

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Eastern Region			
1	Akuapim South	7	
2	Denkyembour	18	
3	Birim North	7	
4	Kwaebirirem	2	
5	Lower West Akim	20	
Regional Total		54	
Volta Region			
1	Krachi East	24	
2	Krachi West	10	
3	Nkwanta South	10	
4	Hohoe	9	
5	Jasikan	6	
6	Krachi-Nchumuru	6	
Regional Total		65	
Western Region			
1	Mphor Wassa East	15	
2	Amenfi East	8	
3	Jomoro	6	
4	Prestea	9	
Regional Total		38	
Total Regions		5	
Total Districts		38	
Total Communities		582	

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Beneficiary Communities of Self-Help Electrification Programme in Five Regions-Phase II

NO.	NAME OF TOWN	33/34.5KV HT KM	11/11.5KV HT KM	33KV/ 50KVA	33KV/ 100KVA	33KV/ 200KVA	11KV/ 50KVA	11KV/ 100KVA	11KV/ 200KVA	LV CCT KM	SERVICE	1PH	3PH
Ashanti Region													
1	ASHANTI AKIM NORTH Total	192.071	0	23	8	2	0	0	0	47.497	2035	1990	45
2	BEKWAI Total	26.331	0	8	1	0	0	0	0	8.455	490	480	10
3	ADANSI NORTH Total	18.644	0	2	3	0	0	0	0	9.336	348	340	8
4	EJURA-SEKYEDUMASE Total	52.22	0	11	5	1	0	0	0	21.6	1074	1050	24
5	ATWIMA MPONUA Total	90.383	0	26	14	0	0	0	0	51.462	2475	2420	55
6	OFFINSO SOUTH Total	26.275	36.462	2	1	1	8	3	0	21.062	941	920	21
7	AMANSIE WEST Total	85.239	0	20	15	2	0	0	0	59.215	2456	2400	56
8	NEW EDUBIASE Total	0	66.374	0	0	0	53	12	4	84.31	4106	4010	96
9	ATIWMA KWANWOMA Total	2.041	9.77	1	0	0	5	0	0	5.5	306	300	6
10	Ahafo Ano North Total	61.595	0	8	17	1	0	0	0	52.779	1905	1860	45
11	ATWIMA NWABIAGYA NORTH Total	0	29.282	0	0	0	4	6	0	23.895	696	680	16
12	ATWIMA NWABIAGYA SOUTH Total	0	14.29	0	0	0	5	3	0	13.32	501	490	11
13	Ahafo Ano South West Total	91.376	0	30	15	0	0	0	0	66.903	2761	2700	61
14	Ahafo Ano South East Total	42.3	0	4	11	3	0	0	0	41.2	1353	1320	33
15	Offinso North Total	33.45	0	10	2	0	0	0	0	17.471	674	660	14
16	Sekyere Central Total	50.008	0	6	8	2	0	0	0	38.656	1168	1140	28
	Ashanti Total	771.933	156.178	151	100	12	75	24	4	562.661	23289	22760	529
Brong Ahafo Region													
1	WENCHI Total	19.848	16.55	5	4	1	4	2	4	38.73	1466	1430	36
2	JAMAN NORTH Total	20.29	0	4	7	3	0	0	0	33.31	1089	1060	29
3	TANO SOUTH Total	22.69	0	2	6	0	0	0	0	16.19	594	580	14
4	BEREKUM EAST Total	14.54	12.15	2	6	4	1	2	3	52.93	1532	1490	42
5	TECHIMAN NORTH Total	11.37	31.5	2	9	5	9	7	3	92.557	2701	2630	71

Beneficiary Communities of Self-Help Electrification Programme in Five Regions-Phase II

NO.	NAME OF TOWN	33/34.5KV HT KM	11/11.5KV HT KM	33KV/ 50KVA	33KV/ 100KVA	33KV/ 200KVA	11KV/ 50KVA	11KV/ 100KVA	11KV/ 200KVA	LV CCT KM	SERVICE	1PH	3PH
6	NKORANZA NORTH Total	68.88	0	12	9	5	0	0	0	61.79	1869	1820	49
7	DORMAA CENTRAL Total	35.02	0	6	3	1	0	0	0	17.2	655	640	15
	Brong Ahafo Total	192.638	60.2	33	44	19	14	11	10	312.707	9906	9650	256
Eastern Region													
1	AKUAPIM SOUTH Total	17.1	0	4	2	1	0	0	0	12.582	471	460	11
2	DENKYEMBOUR Total	21.36	0	16	3	0	0	0	0	18.3256	1062	1040	22
3	BIRIM NORTH Total	17.794	0	7	0	0	0	0	0	3.809	357	350	7
4	KWAEBIRIREM Total	2.298	0	2	0	0	0	0	0	1.495	102	100	2
5	LOWER WEST AKIM Total	0	35.141	0	0	0	14	5	3	38.855	1435	1400	35
	Eastern Total	58.552	35.141	29	5	1	14	5	3	75.0666	3427	3350	77
Volta Region													
1	KRACHI EAST Total	69.002	0	20	5	0	0	0	0	34.345	1431	1400	31
2	KRACHI WEST	53	0	6	7	3	0	0	0	33.89	1190	1160	30
3	NKWANTA SOUTH	19.75	0	5	6	3	0	0	0	31.37	1057	1030	27
4	KRACHI-NCHUMURU	11.3	0	2	4	0	0	0	0	10.458	430	420	10
5	JASIKAN	16.986	0	2	5	0	0	0	0	14.375	512	500	12
6	HOHOE	5.661	1.49	4	3	0	1	0	1	26.003	522	510	12
	Volta Total	175.699	1.49	39	30	6	1	0	1	150.441	5142	5020	122
Western Region													
1	MPOHOR WASSA EAST TOTAL	32.701	0	17	4	0	0	0	0	26.775	1198	1170	28
2	AMENFI EAST Total	22.667	0	6	5	0	0	0	0	12.76	717	700	17
3	JOMORO Total	18.032	0	6	2	2	0	0	0	17.532	678	660	18
4	PRESTEA Total	26.958	0	8	4	0	0	0	0	14.615	738	720	18
	Western Total	100.358	0	37	15	2	0	0	0	71.682	3331	3250	81
	Grand Total	1299.18	253.009	289	194	40	104	40	18	1172.5576	45095	44030	1065

By [Signature]

Beneficiary Communities of Self-Help Electrification Programme in Five Regions-Phase II

NO.	NAME OF TOWN	33/34.5KV HT KM	11/11.5KV HT KM	33KV/ 50KVA	33KV/ 100KVA	33KV/ 200KVA	11KV/ 50KVA	11KV/ 100KVA	11KV/ 200KVA	LV CCT KM	SERVICE	1PH	3PH
	Ashanti Region												
	ASHANTI AKIM NORTH												
1	ATWIRISO	2.945		1						0.36	51	50	1
2	ASENKYEM	4.085		1						0.765	51	50	1
3	ADINKRAKROM	6.84		1						1.125	51	50	1
4	ANNANIE	0.134		1						0.945	51	50	1
5	ABEREWAPONG	17.153				1				1.8	82	80	2
6	AFIRISERE	3.681				1				2.16	82	80	2
7	BAAHWIREDU	1.52		1						0.63	51	50	1
8	BEBUSO No1	4.939		1						1.17	51	50	1
9	BEBUSO No2	1.719		1						0.315	51	50	1
10	BABDUASO	13.23		1						1.485	51	50	1
11	DUKUSEN	0.315				1				2.25	82	80	2
12	KWAME BUOKROM	4		1						1.035	51	50	1
13	KWAME EDUKROM	0.76		1						1.035	51	50	1
14	KONKOMBA JUNCTION	28.16		1						0.405	51	50	1
15	KOWIRESO	6.427				1				1.755	82	80	2
16	KWAME ADUKROM	7.696		1						1.26	51	50	1
17	MENAM	5.51				1				2.835	82	80	2
18	MAGEDA	1.7		1						1.44	51	50	1
19	NYANEWASE/SAMPAH	5.13		1						1.484	51	50	1
20	NSONNYAMEYE	5.373		1						1.26	51	50	1
21	NHYIASO	4.042					1			3.375	103	100	3
22	OTIKROM	5.7		1						0.45	51	50	1
23	SUBUNESU	6.175		1						0.63	51	50	1
24	SEREBUOSO	4.669		1						2.43	51	50	1
25	TINKON	2.375		1						0.675	51	50	1

Beneficiary Communities of Self-Help Electrification Programme in Five Regions-Phase II

NO.	NAME OF TOWN	33/34.5KV HT KM	11/11.5KV HT KM	33KV/ 50KVA	33KV/ 100KVA	33KV/ 200KVA	11KV/ 50KVA	11KV/ 100KVA	11KV/ 200KVA	LV CCT KM	SERVICE	1PH	3PH
26	YEJI	6		1						0.495	51	50	1
27	MPESEMPESE	11.386			1					2.43	82	80	2
28	KANSANSO	11.193				1				3.87	103	100	3
29	PATABAN	6.1			1					1.845	82	80	2
30	ONYEMSO	3.9			1					2.97	82	80	2
31	OSIEKROM	3.99		1						1.244	51	50	1
32	TEMA BONSU	4.694		1						0.733	51	50	1
33	MANKALA	0.53		1						0.836	51	50	1
	ASHANTI AKIM NORTH Total	192.071	0	23	8	2	0	0	0	47.497	2035	1990	45
	BEKWAI												
1	ABUSEBE	3.945		1						0.225	51	50	1
2	ACHUCHUSO	3.642		1						0.72	51	50	1
3	BROSANKO	3.722		1						1.53	51	50	1
4	DWUMAKRO	2.059		1						0.27	51	50	1
5	ESSUNEJA- KVEKVEWERE	2.68			1					2.43	82	80	2
6	MARFOKURO	0.997		1						0.67	51	50	1
7	NEREBEHI	3.056		1						0.45	51	50	1
8	WIOSO	0.428		1						0.9	51	50	1
9	WAWASE	5.802		1						1.26	51	50	1
	BEKWAI Total	26.331	0	8	1	0	0	0	0	8.455	490	480	10
	ADANSI												
1	BURA	2.469		1						0.63	51	50	1
2	BENA	2.859			1					1.71	82	80	2
3	KWAKUKROM	3.543		1						1.53	51	50	1
4	DENKYEI	5.25			1					2.2	82	80	2
5	ANYINABERAMU	4.523			1					3.266	82	80	2


Beneficiary Communities of Self-Help Electrification Programme in Five Regions-Phase II

NO.	NAME OF TOWN	33/34.5KV HT KM	11/11.5KV HT KM	33KV/ 50KVA	33KV/ 100KVA	33KV/ 200KVA	11KV/ 50KVA	11KV/ 100KVA	11KV/ 200KVA	LV CCT KM	SERVICE	1PH	3PH
	ADANSI NORTH Total	18.644	0	2	3	0	0	0	0	9.336	348	340	8
	EJURA-SEKYEDUMASE												
1	FANTI DANGOMBA	3.07			1					0.405		80	2
2	NKYENSIE	9.88		1	1					2.745		130	3
3	MAYEDEN	1.1			1					1.845		80	2
4	AMINAMUM	4.67		1						1.62		50	1
5	AWABRE	3.34			1					2.205		80	2
6	BARAWE	5.99				1				4.05		100	3
7	DANYAME	2.35		1						0.72		50	1
8	ESSUMBANTA	6.17		1						0.72		50	1
9	APAASO	5.24		1						0.72		50	1
10	DUKUKROM	4.51			1					2.025		80	2
11	MEPEASEM	1.67		1						0.405		50	1
12	MOSHIEKURA	2.67		1						0.63		50	1
13	GYATOKURA	1.56		1						1.215		50	1
14	SINGLEEKURA			1						0.585		50	1
15	KABIRIKURA			1						0.99		50	1
16	KURADADA			1						0.72		50	1
	EJURA-SEKYEDUMASE Total	52.22	0	11	5	1	0	0	0	21.6		1050	24
	ATWIMA MPONUA												
1	KALONGO	3.438		1						0.843		50	1
2	BOBIEKROM	0.637		1						0.27		50	1
3	BEPOSO	2.488		1						0.54		50	1
4	BAYEREBON NO2	2.184		1						1.065		50	1
5	BAYEREBON NO1	3.524		1						0.9		50	1
6	BAAKONIABA	0.876		1						0.72		50	1

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Beneficiary Communities of Self-Help Electrification Programme in Five Regions-Phase II

NO.	NAME OF TOWN	33/34.5KV HT KM	11/11.5KV HT KM	33KV/ 50KVA	33KV/ 100KVA	33KV/ 200KVA	11KV/ 50KVA	11KV/ 100KVA	11KV/ 200KVA	LV CCT KM	SERVICE	1PH	3PH
7	ATASO	2.622			1					1.71		80	2
8	APPIAHKROM	1.617		1						0.765		50	1
9	NWIREM	1.807		1						0.765		50	1
10	NKYEMKYEMSO	2.997			1					2.52		80	2
11	MPADNWE	1.653		1						0.81		50	1
12	KOJOFOJOURKROM	1.363		1						0.948		50	1
13	SERSEKROM	2.623		1						0.405		50	1
14	NYAMEBEKYERE	1.375		1						0.405		50	1
15	AKANTANSO	3.398			1					2.508		80	2
16	ABOABO	0.897		1						0.45		50	1
17	APENKROM	3.636		1						1.274		50	1
18	ANYINASO	0.821			1					1.89		80	2
19	AFIPAYE	6.852			1					1.97		80	2
20	ACHIASE ADOPRI	1.347		1						0.42		50	1
21	KOFINYAMEKROM	3.64			1					1.665		80	2
22	DESEREAGUA	1.736			1					1.62		80	2
23	DABOKROM	5.193		2						3.735		100	3
24	KWAKUADAI	1.08		1						0.295		50	1
25	KWABENAKWA	3.567		1						2.07		50	1
26	KWABENA OFIRI	1.093		1						0.7		50	1
27	KOKOBIROKO	0.446		1						1.344		50	1
28	MANTUKWA	1.238		1						0.54		50	1
29	KYIRIBAA	2.011		1						0.76		50	1
30	OBUASIKROM	3.736			1					1.98		80	2
31	NYAMEYADOM	2.692			1					2.25		80	2
32	NKRANKROM	0.211			1					1.98		80	2
33	NAGOOLE OWUKROM	1.39			1					1.92		80	2

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Beneficiary Communities of Self-Help Electrification Programme in Five Regions-Phase II

NO.	NAME OF TOWN	33/34.5KV HT KM	11/11.5KV HT KM	33KV/ 50KVA	33KV/ 100KVA	33KV/ 200KVA	11KV/ 50KVA	11KV/ 100KVA	11KV/ 200KVA	LV CCT KM	SERVICE	1PH	3PH
34	YAWKUSIKROM	2.642		1						1.395		50	1
35	OWUSUKROM	3.38			1					1.8		80	2
36	DODOWA	2.314			1					1.755		80	2
37	OFORIKROM NAGOOLE	1.379		1						1.4		50	1
38	OSEIKROM	3.683		1						1.215		50	1
39	KAKTIRE NYAMEBEKYERE	2.797			1					1.86		80	2
	ATWIMA MPONUA Total	90.383	0	26	14	0	0	0	0	51.462		2420	55
	OFFINSO SOUTH												
1	AMANKWAA TIAKROM		7.03				1			0.81		50	1
2	ASUOABENA	3.4		1						0.63		50	1
3	GAMBIAKROM		2.945				1			0.45		50	1
4	GAMBIA NKWANTA		0.1					1		1.935		80	2
5	KANSRE		5.79					1		1.8		80	2
6	KWABENA NSIAKROM		3.04					1		2.025		80	2
7	KONTEMA ODUMASE	7.4		1						0.767		50	1
8	KWAPAHIM ASUOBOE	11.875				1				6.12		100	3
9	KOFORIDUA DOBIHWE		6.08				1			0.495		50	1
10	NYANKYEREKROM LOBIGAW		1.71				1			1.26		50	1
11	OBOFOUR CAMP 31		1				1			0.765		50	1
12	ANITIE		2.85				1			0.43		50	1
13	KYEKYEMOLE ACHIAA BADUKROM		4				1			0.56		50	1
14	ABAFour BREKUM	3.6			1					2.565		80	2
15	FAAMENG		1.917				1			0.45		50	1
	OFFINSO SOUTH Total	26.275	36.462	2	1	1	8	3	0	21.062		920	21
	AMANSIE WEST												

Beneficiary Communities of Self-Help Electrification Programme in Five Regions-Phase II

NO.	NAME OF TOWN	33/34.5KV HT KM	11/11.5KV HT KM	33KV/ 50KVA	33KV/ 100KVA	33KV/ 200KVA	11KV/ 50KVA	11KV/ 100KVA	11KV/ 200KVA	LV CCT KM	SERVICE	IPH	3PH
1	AKYEREKWKROM	3.106			2					5.22		160	4
2	ADDGYA	5.186		1						1.485		50	1
3	APOMASUKROM	4.955		1						1.035		50	1
4	AYIEM	3.163			1					2.25		80	2
5	ASUMINYA	2.365		1						1.08		50	1
6	ABOM	2.526				1				3.375		100	3
7	ALHAJIKROM	2.164		1						0.585		50	1
8	BRITCHERKROM	0.233		1						0.855		50	1
9	CAMP	3.763			1					2.295		80	2
10	DUNWURA	1.799		1						1.35		50	1
11	DOME NYAMEBEKYERE	5.746			1					1.62		80	2
12	DOMEABRA	2.124		1						1.26		50	1
13	EDWENASE	5.214			1					2.835		80	2
14	FANTIKROM	1.26		1						1.305		50	1
15	GROOSO	1.024			1					2.169		80	2
16	GYEDUAKO DOMEABRA KOBEDA	0.58		1						0.405		50	1
17	HIAMANKWA	1.119		1						0.81		50	1
18	HIAMPENIKA	1.12		1						0.63		50	1
19	JUMAKO	2.065		1						1.125		50	1
20	KOJOSIAHKROM	1.078		1						0.54		50	1
21	KAJMEBRE KOBEDA	2.629		1						1.485		50	1
22	KODADWEN KOBEDA	0.494		1						1.125		50	1
23	KOJO PROJOURKROM	1.04		1						1.035		50	1
24	MMEGYEYEME	1.75		1						0.855		50	1
25	MANUKROM	1.499			1					2.25		80	2
26	NIPANKYEREMA	2.121		1	1					3.965		130	3

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Beneficiary Communities of Self-Help Electrification Programme in Five Regions-Phase II

NO.	NAME OF TOWN	33/34.5KV HT KM	11/11.5KV HT KM	33KV/ 50KVA	33KV/ 100KVA	33KV/ 200KVA	11KV/ 50KVA	11KV/ 100KVA	11KV/ 200KVA	LV CCT KM	SERVICE	1PH	3PH
27	NENHIM	2.317				1				3.01		100	3
28	NYAMEBEKYERE	7.127			1					2.475		80	2
29	NKRUMRAHKROM	2.175		1						0.765		50	1
30	PAKYI 6	2.35		1						0.99		50	1
31	PAKIY 7	1.715			1					1.845		80	2
32	PAKYI BANKO	3.03			1					2.146		80	2
33	SEMANHYIAKROM	0.592			1					1.26		80	2
34	TWEAPEASE	2.87			1					1.8		80	2
35	YAWKASAKROM	2.94			1					1.98		80	2
	AMANSIE WEST Total	85.239	0	20	15	2	0	0	0	59.215		2400	56
	NEW EDUBIASE												
1	AHUNADZI		0.2				1			0.4		50	1
2	ARTHURKROM		0.7				1			0.225		50	1
3	ACHEAMPONG						1			0.99		50	1
4	ADAIKROM		0.8				1			0.5		50	1
5	ASONKORE		2.152				1			1.98		50	1
6	ANIAPAM		0.2				1			0.5		50	1
7	DOMEABRA		1.821				2	0	0	1.07		100	3
8	DOMPOASE		0.3				1			0.5		50	1
9	ESONKROM		3.2				1			1.21		50	1
10	FETEFO						1			0.6		50	1
11	FREM		1.4				1			0.8		50	1
12	KROBOLINE		2.366				1	1	0	2.6		130	3
13	KWAME KYERE		0.8				1			0.2		50	1
14	KWAME TUTU						1			0.6		50	1
15	KWASI KORI						1			0.4		50	1
16	KWABENA ESSON		0.414				1			0.5		50	1

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Beneficiary Communities of Self-Help Electrification Programme in Five Regions-Phase II

NO.	NAME OF TOWN	33/34.5KV HT KM	11/11.5KV HT KM	33KV/ 50KVA	33KV/ 100KVA	33KV/ 200KVA	11KV/ 50KVA	11KV/ 100KVA	11KV/ 200KVA	LV CCT KM	SERVICE	1PH	3PH
17	LAMLEYKYE/ASAREKYE						1			0.8		50	1
18	SONKOYIWA		1.8				1			0.5		50	1
19	OTUTU		0.8				1			0.5		50	1
20	OGUAMONO		0.125				1			0.3		50	1
21	NYAMEBEKYEKE NKWANTA		1.041				2	0	0	1.6		100	3
22	PIPE ANO								1	4.1		100	3
23	EGYIRIBA						1			2		50	1
24	BONKRO		0.9				1			1		50	1
25	BROSAMKO		1.039				1			0.22		50	1
26	BREPO		1.99				1			0.2		50	1
27	KOJO DUM		1.1				1			0.4		50	1
28	AHENAKWA						1			0.4		50	1
29	KANSERE		3.53				1	1	0	4.4		130	3
30	OBUOBIKROM		5.2				3	0	0	2.5		150	4
31	KAPRE		1.3				2			1.485		100	3
32	NSATA SUBRISO		0				2	0	0	2.9		100	3
33	KWAKU DOBENG		0.09				1			1		50	1
34	BIRIM ABOE		1.592					1		3.7		80	2
35	KOTOKATA		3.6				0	2	1	8.9		260	7
36	KYEKEYEWERE		2.393				1	1	0	2.14		130	3
37	KWAME NKYI		2.525				1	2	0	6.51		210	6
38	KRAMOKROM		4.755				2	1	0	4.91		180	5
39	AGYARKO		0.181				1			0.22		50	1
40	ABOABO # 3		5.5						1	4.4		100	3
41	KAWOTRIHWE		1.211						1	3.24		100	3
42	AKWAAKU		0				1			1.08		50	1
43	NSATA MANGOASE		1.11				1			1.25		50	1

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Beneficiary Communities of Self-Help Electrification Programme in Five Regions-Phase II

NO.	NAME OF TOWN	33/34.5KV HT KM	11/11.5KV HT KM	33KV/ 50KVA	33KV/ 100KVA	33KV/ 200KVA	11KV/ 50KVA	11KV/ 100KVA	11KV/ 200KVA	LV CCT KM	SERVICE	1PH	3PH
44	APPIAH/KWAKU BAAH		1.4				1			0.82		50	1
45	KOFI JEJE		0.27				1			0.44		50	1
46	OWUSUKROM		0.55				1			0.63		50	1
47	DZOBOKROM/DARKODZI		0.721					1		1.62		80	2
48	AMENASO		3.585				1			0.54		50	1
49	CONGO		1.932					1		1.85		80	2
50	KWARF		1.1				1			0.45		50	1
51	NYAMEBEKYERE		0.1					1		1.8		80	2
52	SAMANKROM		0.1				1			1.26		50	1
53	KOFI TUTU		0.299				1			0.675		50	1
54	BRODIKO		0.182				1			0.495		50	1
	NEW EDUBIASE Total	0	66.374	0	0	0	53	12	4	84.31		4010	96
	ATIWMA KWANWOMA												
1	BIRAGOKROM	2.041		1						0.2		50	1
2	NKWANTA		1.7				1			0.54		50	1
3	AMOFAO		0.61				1			1.93		50	1
4	KROFROM		0.206				1			0.4		50	1
5	WINSA		6.427				1			1.35		50	1
6	DENTEIKROM		0.827				1			1.08		50	1
	ATIWMA KWANWOMA Total	2.041	9.77	1	0	0	5	0	0	5.5		300	6
	Ahafo Ano North												
1	ABENA NIMO					1				3.218		80	2
2	DANYAME	4.83				1				3.3		80	2
3	TIMEBAABI	1.6				1				1.96		80	2
4	TREDE	3.499		1						0.798		50	1
5	NYAMEBEKYERE	3.901		1	1	0				2.33		130	3

Beneficiary Communities of Self-Help Electrification Programme in Five Regions-Phase II

NO.	NAME OF TOWN	33/34.5KV HT KM	11/11.5KV HT KM	33KV/ 50KVA	33KV/ 100KVA	33KV/ 200KVA	11KV/ 50KVA	11KV/ 100KVA	11KV/ 200KVA	LV CCT KM	SERVICE	IPH	3PH
6	KRAKOSUA	2.16		1						1.207		50	1
7	ACHAWKROM	1.39			1					2.025		80	2
8	ASAFOASIN	4.68		0	2	0				4.365		160	4
9	PAKYI	1		1						0.54		50	1
10	KWAHU/SIAKROM	1.48		1						0.797		50	1
11	POKUKROM	1.94		1						1.17		50	1
12	SIKAFREBOGYA	2.2			1					1.798		80	2
13	NTIAMOAH	2.08		1						1.301		50	1
14	NYAMENEHENE	1.68			1					1.94		80	2
15	KONKORI	3.17			1					2.3		80	2
16	KWAOFOKROM	6.658		0	2	0				6.21		160	4
17	KATAPEI	5.247				1				4.42		100	3
18	KWAODUKROM	5.46		1	1	0				2.89		130	3
19	KOObUOKROM	2.04			1					1.71		80	2
20	BOAGYAA 2	1.54			1					2.3		80	2
21	BETINKO	1.53			1					2.84		80	2
22	BANKO	3.51			1					3.36		80	2
	Ahafo Ano North Total	61.595	0	8	17	1	0	0	0	52.779		1860	45
	ATWIMA NWABIAGYA NORTH												
1	ADAGYA		5.025					1		3.69		80	2
2	ATAMSO		2.64					1		2.385		80	2
3	ATUTUNMA NKWANTA		1.405				1			1.35		50	1
4	AFREKROM		2.908					1		3.195		80	2
5	ATAASE 1		1.607				1			1.575		50	1
6	ATAASE 2		0.38				1			1.62		50	1
7	BOAHENKWAA No1		8.701				1			2.295		50	1

Beneficiary Communities of Self-Help Electrification Programme in Five Regions-Phase II

NO.	NAME OF TOWN	33/34.5KV HT KM	11/11.5KV HT KM	33KV/ 50KVA	33KV/ 100KVA	33KV/ 200KVA	11KV/ 50KVA	11KV/ 100KVA	11KV/ 200KVA	LV CCT KM	SERVICE	1PH	3PH
8	BOAHENKWAA No 2		1.579					1		1.395		80	2
9	SIKAYENA		2.644					1		2.25		80	2
10	WORAMPONG		2.393					1		4.14		80	2
	ATWIMA NWABIAGYA NORTH Total	0	29.282	0	0	0	4	6	0	23.895		680	16
	ATWIMA NWABIAGYA SOUTH												
1	AKWAPIM		1.956					1		2.25		80	2
2	AHWAIAPATAM		1.403					1		2.34		80	2
3	BANKYEASE		1.361					1		2.655		80	2
4	BROSANKRO		2.23				1			1.035		50	1
5	DAAKOAKROM		1.711				1			1.53		50	1
6	NTABANU 1		2.742				1			1.395		50	1
7	NTABANU 2		0.532				1			1.17		50	1
8	NYAMESEM		2.355				1			0.945		50	1
	ATWIMA NWABIAGYA SOUTH Total	0	14.29	0	0	0	5	3	0	13.32		490	11
	Ahafo Ano South West												
1	KWANAANEKROM	0		1						0.758		50	1
2	HIAMANKWA	0			1					2.6		80	2
3	OFORIKROM	6.6		1						1.332		50	1
4	OSEIKROM	0		1						0.99		50	1
5	AWIEKROM	3.7			1					2.656		80	2
6	KASOTIE	2.77			1					2.237		80	2
7	MPASASO NO.2	0.99			3					8.53		240	7
8	OHIHYEDA	1.233		1						1.2		50	1
9	NYAMEBEKYERE	2.39		1						1.342		50	1
10	MEHAME	1.67		1						0.459		50	1

Beneficiary Communities of Self-Help Electrification Programme in Five Regions-Phase II

NO.	NAME OF TOWN	33/34.5KV HT KM	11/11.5KV HT KM	33KV/ 50KVA	33KV/ 100KVA	33KV/ 200KVA	11KV/ 50KVA	11KV/ 100KVA	11KV/ 200KVA	LV CCT KM	SERVICE	1PH	3PH
11	SUNKWA	1.88		1						0.533		50	1
12	OHLAPEA	1.8		1						2.1		50	1
13	MMROBEN	2.41		1						1.45		50	1
14	NYAMEAHYIRASO	2.66		1						0.56		50	1
15	HWENAEDIOWUKA	4			1					2.395		80	2
16	NYEHWE	0		1						0.825		50	1
17	ADJEIBIKROM	1.1		1						1.283		50	1
18	YAAHENE	2.08		1						0.904		50	1
19	BONKRON	1.4			1					2.3		80	2
20	KWABENAKONTOR	3.2		1						0.78		50	1
21	ASUOGYA	0.7		1						0.61		50	1
22	BESEASE	1.15		1						1.2		50	1
23	KOONSIAKROM	2.75		1						0.6		50	1
24	ASEKANTIA	3.1			1					2.8		80	2
25	OSEI TUTUKROM	3.4		1						1.2		50	1
26	ANITEMFE	1.8			1					2.5		80	2
27	MENHYIA-KOOFEKROM	2.45		1						0.64		50	1
28	ADEODWO	1.3		1						0.687		50	1
29	PEWODIE	2.9		1						0.87		50	1
30	ASUKESI	2.4			1					1.5		80	2
31	KRAMOKROM	1.6		1						0.368		50	1
32	MFAWANINTO	2.85		1						0.408		50	1
33	FAWOADWEN	0.2		1						0.543		50	1
34	MMUAWANO	1.8		1						0.97		50	1
35	AKWASIWORO- ABODEASE	2.14				1				2.188		80	2
36	KUNSU-KRAMOKROM	2.1				1				2.314		80	2

Signature

Beneficiary Communities of Self-Help Electrification Programme in Five Regions-Phase II

NO.	NAME OF TOWN	33/34.5KV HT KM	11/11.5KV HT KM	33KV/ 50KVA	33KV/ 100KVA	33KV/ 200KVA	11KV/ 50KVA	11KV/ 100KVA	11KV/ 200KVA	LV CCT KM	SERVICE	1PH	3PH
37	ASUOBENA	3.453		1						0.871		50	1
38	AFRESENI CAMP	3.6			1					2.6		80	2
39	AKWASI MARFO	1.2		1						1.45		50	1
40	AFRESENI	1.5			1					2.95		80	2
41	DAGYANSO	3.2		1						1.3		50	1
42	MEYEDEN	0.7		1						0.6		50	1
43	MPASASO NYAMEBEKYERE	5.2		1						2.5		50	1
	Ahafo Ano South West Total	91.376	0	30	15	0	0	0	0	66.903		2700	61
	Ahafo Ano South East												
1	ADENSE	2.2			1					2.7		80	2
2	YAWBOADIKROM #1	2.6			1					2.8		80	2
3	YAWBOADIKROM #2	1.1				1				3.2		100	3
4	BANAHENEKROM	3.1				1				3.3		100	3
5	YAW KOBKROM	1.3				1				3.1		100	3
6	DUFORKROM	2.8		1						1.5		50	1
7	DAATRO	1.5			1					1.7		80	2
8	MMOFRA	1.4		1						1.8		50	1
9	MENTUKWA	4.6			1					2.4		80	2
10	DOMEABRA	1.7			1					3.2		80	2
11	AMPOMAKROM	0.7		1						1.2		50	1
12	APENIAMDI #1	2.7			1					1.7		80	2
13	APENIAMDI #2	1.1			1					2.2		80	2
14	AKYERAKROM	6			1					2.2		80	2
15	SABRONU NYAMEADOM	5.7			1					2.3		50	1
16	BORNAKROM	0.3		1						1.2		50	1
17	MEMWUTEM											0	0

Signature

Beneficiary Communities of Self-Help Electrification Programme in Five Regions-Phase II

NO.	NAME OF TOWN	33/34.5KV HT KM	11/11.5KV HT KM	33KV/ 50KVA	33KV/ 100KVA	33KV/ 200KVA	11KV/ 50KVA	11KV/ 100KVA	11KV/ 200KVA	LV CCT KM	SERVICE	1PH	3PH
18	OGYA BEDIBI	1.8			1					2.6		80	2
19	ABUGYA	1.7			1					2.1		50	1
	Ahafo Ano South East Total	42.3	0	4	11	3	0	0	0	41.2		1320	33
	Offinso North												
1	NYINATEASE	3.9			1					2.1		80	2
2	POKUKROM	1.05		1						0.9		50	1
3	NYAMEBEKYERE NO.2	4.3			1					2.2		80	2
4	JATOKROM	2.6		1						0.5		50	1
5	NKWAAKWAA PANYIN	2.8		1						1.23		50	1
6	GYAEKONTABUO	1.7		1						0.8		50	1
7	MEDOKWAE	4.9		1						1.8		50	1
8	MIAWANI	4.6		1						1.133		50	1
9	NKWADUAM	1.9		1						0.72		50	1
10	MPEAPEAMU	1.7		1						1.3		50	1
11	ASUAFU	2.6		1						0.5		50	1
12	NKUBESA	1.4		1						1.3		50	1
13	SEWUA-NFANTE	0								2.988		0	0
	Offinso North Total	33.45	0	10	2	0	0	0	0	17.471		660	14
	Sekyere Central												
1	MOSIKROM	2.697			1					2.065		80	2
2	TEMA FOOD S/S #1	3.584		1						0.9		50	1
3	TEMA FOOD S/S #2	1.237		1						0.576		50	1
4	GOVERNOR	4.66		1						0.954		50	1
5	ISSAKA	2.1			1					1.63		80	2
6	YERESO NO.1	4.02				1				3.95		100	3
7	ADIDWUN	8.05			1					3.8		80	2
8	YERESO NO.2	1.88			1					2.04		80	2

Signature

Beneficiary Communities of Self-Help Electrification Programme in Five Regions-Phase II

NO.	NAME OF TOWN	33/34.5KV HT KM	11/11.5KV HT KM	33KV/ 50KVA	33KV/ 100KVA	33KV/ 200KVA	11KV/ 50KVA	11KV/ 100KVA	11KV/ 200KVA	LV CCT KM	SERVICE	1PH	3PH
9	YERESO NO.3	1.5		1						1.5		50	1
10	KOJOKUMA	4.48			1					1.947		80	2
11	ATARKWAME NO.1	5.8			1					4.59		80	2
12	ATARKWAME NO.2	1.3		1						1.5		50	1
13	NYAMEBEKYERE	2.8				1				4.864		100	3
14	KONKOMA S/S #1	2.4			1					2.34		80	2
15	KONKOMA S/S #2	1		1						1.3		50	1
16	ASAASEBONSO	2.5			1					4.7		80	2
	Sekyere Central Total	50.008	0	6	8	2	0	0	0	38.656		1140	28
	Ashanti Total	771.933	156.178	151	100	12	75	24	4	562.661		22760	529

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Beneficiary Communities of Self-Help Electrification Programme in Five Regions-Phase II

NO.	NAME OF TOWN	33/34.5KV HT KM	11/11.5KV HT KM	33KV/50K VA	33KV/100 KVA	33KV/200 KVA	11KV/50K VA	11KV/100 KVA	11KV/200 KVA	LV CCT KM	SERVICE	1PH	3PH
Brong Ahafo Region													
WENCHI													
1	APENI		0.54				1			1.58	51	50	1
2	ZUBIRIAKURA	2.57		1						1.58	51	50	1
3	HIYAMANKYINI		12.38				1			1.19	51	50	1
4	TANSO		0.75						1	3.36	103	100	3
5	ATABI-NSUTA	0.2			1					2.28	82	80	2
6	WINNMUDA		0.15				1			1.6	51	50	1
7	ABONGO FARMS		0.93					1	1	5.95	185	180	5
8	CARPOT FARMS	2.52			2					1.12	164	160	4
9	JOEBOYE NSUTA	8.04		1						1.05	51	50	1
10	ALFALUQ COLLEGE	1.49		1	1					4.27	133	130	3
11	BINTAABA	0.528	1.8				1	1	2	9.72	339	330	9
12	SIEKROM	4.5		1						0.5	51	50	1
13	BEPOSO					1				3.93	103	100	3
14	JOEBOYE			1						0.6	51	50	1
WENCHI Total		19.848	16.55	5	4	1	4	2	4	38.73	1466	1430	36
JAMAN NORTH I													
1	ABIRIANKOR	3.01			2	2				12.81	370	360	10
2	KOKUA NEWTOWN	0.97			3					7.3	247	240	7
3	KWABENAKROM	2.56		1						1.04	51	50	1
4	NEW DUADASO	3.97		1	2	1				10	319	310	9
5	SAMBUSI	9.78		1						1.37	51	50	1
6	SOOBOO			1						0.79	51	50	1
JAMAN NORTH Total		20.29	0	4	7	3	0	0	0	33.31	1089	1060	29
TANO SOUTH I													
1	ASUBOI	8.5			1					2.01	82	80	2

Beneficiary Communities of Self-Help Electrification Programme in Five Regions-Phase II

NO.	NAME OF TOWN	33/34.5KV HT KM	11/11.5KV HT KM	33KV/50K VA	33KV/100 KVA	33KV/200 KVA	11KV/50K VA	11KV/100 KVA	11KV/200 KVA	LV CCT KM	SERVICE	1PH	3PH
2	MAWANISO				1					2.8	82	80	2
3	ASIKASU	9.01			1					1.96	82	80	2
4	KWADWOFOURJOURKROM	1.29			1					2.45	82	80	2
5	KWAKUFIKROM			1						1.4	51	50	1
6	MONTA	2.34			1					2.38	82	80	2
7	BOFOAKWA				1					2.17	82	80	2
8	MANSOPA	1.55		1						1.02	51	50	1
	TANO SOUTH Total	22.69	0	2	6	0	0	0	0	16.19	594	580	14
	BEREKUM EAST												
1	OFORIKROM		0.77					1		2.41	82	80	2
2	AKATIM	0.54				1				3.67	103	100	3
3	NIFAKWAM	7.22				1				4.65	103	100	3
4	KWAMEKYEREKROM		7.96						1	4.65	103	100	3
5	KUTRE NO2		0.95						1	4.23	103	100	3
6	MPATAPO		1.29				1	1		5.44	133	130	3
7	OSOFOKYERE	2.31			1	2				8.55	288	280	8
8	NEW KATO	1.42		1	2					6.18	216	210	6
9	KYIRIBAA		1.18						1	3.28	103	100	3
10	BIADAN	3.05		1	3					9.87	298	290	8
	BEREKUM EAST Total	14.54	12.15	2	6	4	1	2	3	52.93	1532	1490	42
	TECHIMAN NORTH												
1	ABOABO	2.08			1					2.73	82	80	2
2	ABOABO NEWTOWN				3					9.79	247	240	7
3	AKONKONTI								1	5.09	103	100	3
4	BOURMU		3.98							6.6	0	0	0
5	DAMPASO		1.42					1	1	6.52	185	180	5
6	ISSAKROM		5.24				2	2		6.99	267	260	7

Beneficiary Communities of Self-Help Electrification Programme in Five Regions-Phase II

NO.	NAME OF TOWN	33/34.5KV HT KM	11/11.5KV HT KM	33KV/50K VA	33KV/100 KVA	11KV/50K VA	11KV/100 KVA	11KV/200 KVA	LV CCT KM	SERVICE	1PH	3PH
7	KROBO NEWTOWN				1				2.92	82	80	2
8	NEWTOWN AKROFROM					1			4.54	103	100	3
9	TANOKROM		3.73				1		4.937	154	150	4
10	TENABEA		11.03				3	1	5.88	236	230	6
11	PATAKRO		1.49				2	1	4	185	180	5
12	BRIDGESO	5.83		1	1				3.56	133	130	3
13	KYIMIRA	0.53		1					1.22	51	50	1
14	ISSAKROM BOMPIA	1.08			1				2.1	82	80	2
15	BOYA NK WANTA						1		2.13	82	80	2
16	MESIDAN	1.85			2	4			18.89	576	560	16
17	AMPEMKROM		4.61				1	1	4.66	133	130	3
	TECHIMAN NORTH Total	11.37	31.5	2	9	5	7	3	92.557	2701	2630	71
	NKORANZA NORTH											
1	DINKRA	18.92			1				2.4	82	80	2
2	TAHO	4.02			1				1.88	82	80	2
3	AMPONABOANO	1.08		2					2.6	103	100	3
4	AMEYAEKROM-FIEMA	4.14		1					1.22	51	50	1
5	NEW DWOMO-MANSO	0.78		2					2.96	103	100	3
6	KRANKASE	0.75		3		1			7.58	257	250	7
7	JAMANKROM-SIKAA	0.32			1				1.96	82	80	2
8	NIPAHIMOA			1					1.4	51	50	1
9	KWAAGYAKROM-FIEMA					1			3.28	103	100	3
10	JOE WAWUAKROM					1			3.08	103	100	3
11	KONKONBA LINE	0.33			1				2.64	82	80	2
12	NTWEMA AMONASO	1.16			3				9.64	247	240	7
13	WALA ZONGO								6.99	0	0	0
14	KOHWIEGU LINE	6.74		1					1.12	51	50	1

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Beneficiary Communities of Self-Help Electrification Programme in Five Regions-Phase II

NO.	NAME OF TOWN	33/34.5KV HT KM	11/11.5KV HT KM	33KV/50K VA	33KV/100 KVA	33KV/200 KVA	11KV/50K VA	11KV/100 KVA	11KV/200 KVA	LV CCT KM	SERVICE	1PH	3PH
15	BOMINI NEW TOWN	0.53				2				6.12	206	200	6
16	BONTE JUNCTION	7.92		1	1					3.36	133	130	3
17	PIEYINA	22.19		1	1					3.56	133	130	3
	NKORANZA NORTH Total	68.88	0	12	9	5	0	0	0	61.79	1869	1820	49
	DORMAA CENTRAL												
1	AKYEM	4.6			1					2.5	82	80	2
2	APPAUKROM				1					2.5	82	80	2
3	ASUOKORSO	0.6		1						1.17	51	50	1
4	DATEKROM	2.3			1					1.7	82	80	2
5	HWIEHIEGO	7.92		1						0.39	51	50	1
6	KYEKYEWERE	1.41				1				3.55	103	100	3
7	MANTEWARESO			1						1.3	51	50	1
8	WOMENO	11.31		1						1.33	51	50	1
9	YAWDADEKROM	6.61		1						1.44	51	50	1
10	YAWKRAKROM	0.27		1						1.32	51	50	1
	DORMAA CENTRAL Total	35.02	0	6	3	1	0	0	0	17.2	655	640	15
	Brong Ahafo Total	192.638	60.2	33	44	19	14	11	10	312.707	9906	9650	256

Beneficiary Communities of Self-Help Electrification Programme in Five Regions-Phase II

NO.	NAME OF TOWN	33/34.5KV HT KM	11/11.5KV HT KM	33KV/50K VA	33KV/100 KVA	33KV/200 KVA	11KV/50K VA	11KV/100 KVA	11KV/200 KVA	LV CCT KM	SERVICE	1PH	3PH
Eastern Region													
AKUAPIM SOUTH													
1	FAHIAKO	2.3			1					2.9	82	80	2
2	ANAMENANPA	1.7		1						1	51	50	1
3	TADANKROM	4.5		1						0.8	51	50	1
4	MENTUKWA	2.2		1						1.7	51	50	1
5	KYEREPONG	1.5		1						0.142	51	50	1
6	ANKWANSU	2.3				1				4.5	103	100	3
7	OBOSONO	2.6			1					1.54	82	80	2
AKUAPIM SOUTH Total		17.1	0	4	2	1	0	0	0	12.582	471	460	11
DENKYEMBOUR													
1	MMOFRANFADWEN	0.823		1						0.84	51	50	1
2	AKWATIA ALAFIA 2	0.05		1						1	51	50	1
3	AKWATIA ALAFIA 1	0.05		1						1.4	51	50	1
4	AKIM WENCHI KWABENA	0.857		1						0.33	51	50	1
5	AKIM WENCHI TOWOBOASA	0.453		1						0.3	51	50	1
6	KROBO AHENKANOR	0.899			1					2.5	82	80	2
7	MALAM NKWANTA AKWADOTRE	5.1	0	0	2	0	0	0	0	3	164	160	4
8	AKIM ADENKYENSO	0.596		1						1.1	51	50	1
9	AKIM AGYA ADOBOAH	1		1						0.342	51	50	1
10	AKIM SIKANE ASEM	2.028		1						2	51	50	1
11	AKIM BREDI	0.877		1						1	51	50	1
12	AKIM AYAAFERE	0.4		1						0.4	51	50	1
13	KWABENA AMOAH	1.672		1						0.65	51	50	1
14	AKIM AGYA AYEYEH	0.7		1						1.2	51	50	1
15	OKUMANING APREKU	1.35		1						1	51	50	1

Beneficiary Communities of Self-Help Electrification Programme in Five Regions-Phase II

NO.	NAME OF TOWN	33/34.5KV HT KM	11/11.5KV HT KM	33KV/50K VA	33KV/100 KVA	33KV/200 KVA	11KV/50K VA	11KV/100 KVA	11KV/200 KVA	LV CCT KM	SERVICE	1PH	3PH
16	AKIM BONOQUAYE	0.572		1						0.611	51	50	1
17	AKIM APEMPETIA	3.816		1						0.643	51	50	1
18	AKIM AGBOZI	0.117		1						0.0096	51	50	1
	DENKYEMBOUR Total	21.36	0	16	3	0	0	0	0	18.3256	1062	1040	22
	BIRIM NORTH												
1	ASEWASA	4.9		1						1.485	51	50	1
2	BOTWEKROM	1.6		1						0.315	51	50	1
3	KOTE YE ABOA,ETWE NIN NYANSA&IIWOA YE MMOBO	0.234		1						0.72	51	50	1
4	TETTEH BLEFONO	1.4		1						0.135	51	50	1
5	WIAWSO	6.165		1						0.225	51	50	1
6	YAW BRONI	0.6		1						0.09	51	50	1
7	AKYEKYIRESU	2.895		1						0.839	51	50	1
	BIRIM NORTH Total	17.794	0	7	0	0	0	0	0	3.809	357	350	7
	KWAEBIRIREM												
1	KWAME SIAW/AGYENKWAH CONGO	1.4		1						0.495	51	50	1
2	KWESI OFORI/ADDAEKROM	0.898		1						1	51	50	1
	KWAEBIRIREM Total	2.298	0	2	0	0	0	0	0	1.495	102	100	2
	LOWER WEST AKIM												
1	Adam Fantwuma		1.21				1			0.95	51	50	1
2	Akrofikrom		1.646					1		1.8	82	80	2
3	Breku		3.91				1			0.675	51	50	1
4	Breku Nyadieye							1		2.43	82	80	2
5	Dwirantwi						1			0.585	51	50	1
6	Esaase		1.537						1	3.6	103	100	3

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Beneficiary Communities of Self-Help Electrification Programme in Five Regions-Phase II

NO.	NAME OF TOWN	33/34.5KV HT KM	11/11.5KV HT KM	33KV/50K VA	33KV/100 KVA	33KV/200 KVA	11KV/50K VA	11KV/100 KVA	11KV/200 KVA	LV CCT KM	SERVICE	1PH	3PH
7	Fordjour		2.405				1			1.71	51	50	1
8	Kodobeda		3.291				2			2.16	103	100	3
9	Kwametia		2.603				1			1.44	51	50	1
10	Mataheko		3.607						1	3.24	103	100	3
11	Mremre		4.196				2			3.2	103	100	3
12	Obotweme Junction							1		2.61	82	80	2
13	Obotwene		2.43					1		2.66	82	80	2
14	Okotokrom		2.946				1			0.945	51	50	1
15	Oppongkrom							1		2.61	82	80	2
16	Patimpa		2.152				1			1.71	51	50	1
17	Sitey		0.528				1			0.36	51	50	1
18	Tutu						1			1.08	51	50	1
19	Wamase		2.031						1	4.14	103	100	3
20	Wasabiampa		0.649				1			0.95	51	50	1
	LOWER WEST AKIM Total	0	35.141	0	0	0	14	5	3	38.855	1435	1400	35
	Eastern Total	58.552	35.141	29	5	1	14	5	3	75.0666	3427	3350	77

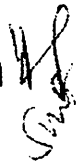
Beneficiary Communities of Self-Help Electrification Programme in Five Regions-Phase II

NO.	NAME OF TOWN	33/34.5KV HT KM	11/11.5KV HT KM	33KV/50K VA	33KV/100 KVA	33KV/200 KVA	11KV/50K VA	11KV/100 KVA	11KV/200 KVA	LV CCT KM	SERVICE	1PH	3PH
	Volta Region												
	KRACHI EAST												
1	ABONGO AKURA			2		0	0	0	0	1.5	103	100	3
2	ADINAKOFO	1.3		1						1.3	51	50	1
3	ADINAKOPE	2.5		1						1.5	51	50	1
4	ADOKOPE ODUMASE	5.02			1	0	0	0	0	1.9	82	80	2
5	ADOKOPE			1						1	51	50	1
6	ADONKWANTA TORNU	3		1						1.4	51	50	1
7	AFADA	5.5		1	0	0	0	0	0	2.8	51	50	1
8	AGBASAKOPE	3		1						1.3	51	50	1
9	AGLAKOPE	2.4			1					3.105	82	80	2
10	AGODEKE	2			1					0.85	82	80	2
11	AKOKROWA	3.5	0	1		0	0	0	0	1.3	51	50	1
12	ALARMBLOW	10.8		1						0.6	51	50	1
13	ASUBIN	3.4		1						0.9	51	50	1
14	BETINASE	9.3			1					2.5	82	80	2
15	KOTOKODZAN 2	2.4	0	1		0	0	0	0	1.5	51	50	1
16	KPEVEKOPE	0.6		1						1.2	51	50	1
17	KPOGEDE			1						1.5	51	50	1
18	NANSO ALAVANYO		0	1		0	0	0	0	1.4	51	50	1
19	NANSO	3.282		1						0.39	51	50	1
20	NAPOA	7			1					2.8	82	80	2
21	NORNUKOPE	4	0	1	0	0	0	0	0	1.2	51	50	1
22	PRONPI			1						0.5	51	50	1
23	SODUKOPE			1						1	51	50	1
24	WULUNBUN			1						0.9	51	50	1
	KRACHI EAST Total	69.002	0	20	5	0	0	0	0	34.345	1431	1400	31

Sum

Beneficiary Communities of Self-Help Electrification Programme in Five Regions-Phase II

NO.	NAME OF TOWN	33/34.5KV HT KM	11/11.5KV HT KM	33KV/50K VA	33KV/100 KVA	11KV/50K VA	11KV/100 KVA	11KV/200 KVA	LV CCT KM	SERVICE	1PH	3PH
	KRACHI WEST											
1	KPOLLO MPLJONENJUI SANA	8.03			1				6.44	185	180	5
2	ALI AKURA	3.76		1					0.84	51	50	1
3	AMEWOYIKOPE	14.64		3					3.60	154	150	4
4	ANKAASE MATAMALLAM	0.56			1				7.05	185	180	5
5	ASEMPA AKURA	2.94		1					1.36	51	50	1
6	BOMMODEN BEPOSO	1.13			1				2.01	82	80	2
7	MATMATA BATTOR	6.35			2				4.90	164	160	4
8	NKATENKWAN	11.18		1	1				2.51	133	130	3
9	PECHI AKURA	4.41			1				1.94	82	80	2
10	SABAJA NAWOM								3.24	103	100	3
	KRACHI WEST Total	53	0	6	7	0	0	0	33.89	1190	1160	30
	NKWANTA SOUTH											
1	ALEGE AKURA				1				2.27	82	80	2
2	BINCHAR AKURA			1					1.34	51	50	1
3	DUFUMKPA				1				2.32	82	80	2
4	FANKYENIKOR	4.11		1	2				5.27	216	210	6
5	JATAH AKURA			1					0.60	51	50	1
6	JUMBO CHARI	12.31			1				5.67	103	100	3
7	KENKYE AKURA				1				3.89	103	100	3
8	LABOANO	3.33		1	1				6.95	236	230	6
9	LINKINL AKURA			1					0.56	51	50	1
10	OTULO JUNCTION				1				2.50	82	80	2
	NKWANTA SOUTH Total	19.75	0	5	6	0	0	0	31.37	1057	1030	27
	KRACHI-NCHUMURU											
1	ADAKOFE NEAR	0.97		1					1.76	51	50	1
2	DWADWAI	0.45			1				1.71	82	80	2



Beneficiary Communities of Self-Help Electrification Programme in Five Regions-Phase II

NO.	NAME OF TOWN	33/34.5KV HT KM	11/11.5KV HT KM	33KV/50K VA	33KV/100 KVA	33KV/200 KVA	11KV/50K VA	11KV/100 KVA	11KV/200 KVA	LV CCT KM	SERVICE	1PH	3PH
3	LUMBUSU 2	0.45		1						0.86	51	50	1
4	MAGIMAGI 2	3.94			1					1.62	82	80	2
5	NGBANYI 2	3.91			1					2.85	82	80	2
6	ODOMI	1.59			1					1.67	82	80	2
	KRACHI-NCHUMURU Total	11.3	0	2	4	0	0	0	0	10.458	430	420	10
	JASIKAN												
1	AMOAKO	3.79			1					1.98	82	80	2
2	GALI KOFE	2.69			1					2.34	82	80	2
3	GUAMA ODUMASE	2.83		1						0.58	51	50	1
4	KATSI KOFE	2.56			1					2.56	82	80	2
5	NANANKOR 1	3.73		1	1					3.74	133	130	3
6	TOGBUI BOYE	1.39			1					3.18	82	80	2
	JASIKAN Total	16.986	0	2	5	0	0	0	0	14.375	512	500	12
	HOHOE												
1	LORVETONU			1						1.50	51	50	1
2	MANAME		0.43				1			1.28	51	50	1
3	TEMKPORKOFE	2.39		1						0.43	51	50	1
4	TOTAME	0.45		1						1.03	51	50	1
5	KPEFE				1					2.79	0		
6	NEW ATABU				1					5.36	82	80	2
7	KABREKOFE	0.90			1					3.04	82	80	2
8	AKPATANU		1.06						1	8.10	103	100	3
9	KADIBATU	1.92		1						2.48	51	50	1
	HOHOE Total	5.661	1.49	4	3	0	1	0	1	26.003	522	510	12
	Volta Total	175.699	1.49	39	30	6	1	0	1	150.441	5142	5020	122

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Beneficiary Communities of Self-Help Electrification Programme in Five Regions-Phase II

NO.	NAME OF TOWN	33/34.5KV HT KM	11/11.5KV HT KM	33KV/50K VA	33KV/100 KVA	33KV/200 KVA	11KV/50K VA	11KV/100 KVA	11KV/200 KVA	LV CCT KM	SERVICE	1PH	3PH
Western Region													
MPOHOR WASSA EAST													
1	AWIADASO	6.656		4	0	0	0	0	0	3.87	206	200	6
2	AKROFI	0.042		1						1.17	51	50	1
3	AMANKESEASE	2.179		1	1	0	0	0	0	3.15	133	130	3
4	AHOMAKAMUA	1.724		1						1.8	51	50	1
5	ABOABOSO	1.017		2	0	0	0	0	0	1.71	103	100	3
6	ASATOASE NO.1	5.747		1	1	0	0	0	0	3.42	133	130	3
7	ASATOASE NO.2	1.608		1						0.27	51	50	1
8	BADAGO	0.027		1						1.665	51	50	1
9	BETHLEHEM	3.635		1						0.99	51	50	1
10	DIDISO	1.614		1						0.585	51	50	1
11	KWAFOKROM	2.694			1					3.42	82	80	2
12	MUSUNKWA	0.961		1						1.575	51	50	1
13	NYAMEBEKYERE	1.207		1						0.45	51	50	1
14	PATATWUMSO	0.655		1						0.63	51	50	1
15	SENSHEM SHED	2.935			1					2.07	82	80	2
	MPOHOR WASSA EAST TC	32.701	0	17	4	0	0	0	0	26.775	1198	1170	28
AMENFI EAST													
1	KWAKU DRIVER	2.474	0	0	2	0	0	0	0	3.51	164	160	4
2	BOTWE 1	2.494			1					1.66	82	80	2
3	BOTWE NEW SITE	1.674			1					1.76	82	80	2
4	BETENASE	2.321	0	1	1	0	0	0	0	3.17	133	130	3
5	BETENASE 2	3.282		1						0.39	51	50	1
6	APPIAHKROM JUNT	0.024		1						0.67	51	50	1
7	KWAW TAWIAKROM	7.428	0	2	0	0	0	0	0	1.23	103	100	3
8	NYAMETEASE	2.97		1						0.37	51	50	1

Beneficiary Communities of Self-Help Electrification Programme in Five Regions-Phase II

NO.	NAME OF TOWN	33/34.5KV HT KM	11/11.5KV HT KM	33KV/50K VA	33KV/100 KVA	33KV/200 KVA	11KV/50K VA	11KV/100 KVA	11KV/200 KVA	LV CCT KM	SERVICE	1PH	3PH
	AMENFI EAST Total	22.667	0	6	5	0	0	0	0	12.76	717	700	17
	JOMORO												
1	TWEAKO NO.1	5.004		3						3.195	154	150	4
2	TWEAKO NO.2	7.033				1				4.455	103	100	3
3	NAVRONGO	1.102				1				3.285	103	100	3
4	BENTELEBO	4.819			2					4.63	164	160	4
5	KOJO BUKARI	0.054		2						1.708	103	100	3
6	KWADWO-BUKELE	0.02		1						0.259	51	50	1
	JOMORO Total	18.032	0	6	2	2	0	0	0	17.532	678	660	18
	PRESTEA												
1	BEPOASE	5.367			1					2.79	82	80	2
2	NAZARETH	0.444		1						0.225	51	50	1
3	MFANTEKROM	1.774			1					0.4	82	80	2
4	WASA KWAWU	1.34		1						0.675	51	50	1
5	KWASI KORKOR	0.267		1						1.845	51	50	1
6	ONIPAHAMBOA	6.987	0	2	1	0	0	0	0	4.635	185	180	5
7	GAMBIA	4.584			1					1.44	82	80	2
8	NSIAKROM	3.34		1						1.395	51	50	1
9	ENTOWOADA	2.855		2						1.21	103	100	3
	PRESTEA Total	26.958	0	8	4	0	0	0	0	14.615	738	720	18
	Western Total	100.358	0	37	15	2	0	0	0	71.682	3331	3250	81

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APPENDIX

TAX ASSESSMENT

MINISTRY OF ENERGY/SELF-HELP ELECTRIFICATION PROGRAMME IN FIVE REGIONS-PHASE II/CHINA INTERNATIONAL WATER & ELECTRIC CORP

Description of Items	Specs	unit	Qty	CIF (USD)	I/D Rate	Imp. Duty	Nhil/Gfund 5%	Imp. VAT 12.5%	EXIM Levy 0.75%	Ecowas Levy 0.5%	SIL 0%/2%	TOTAL (USD)
Stay Insulator	54-2 0.4KV	pcs	14,794	44,382	10%	4438	2441	6408	333	222	0	13,842
Stay Insulator	54-3 11KV	pcs	5,000	20,000	10%	2000	1100	2888	150	100	0	6,238
Stay Insulator	54-4 33KV	pcs	10,820	43,280	10%	4328	2380	6249	325	216	0	13,498
Stay Block, With Stay Plate		pcs	27,859	501,462	20%	100292	30088	78980	3761	2507	0	215,629
Stay Rod	D18*2500	pcs	27,859	417,885	20%	83577	25073	65817	3134	2089	0	179,691
Staywire	GJ-7/3.25	m	277,149	831,447	20%	166289	49887	130953	6236	4157	0	357,522
Staywire Termination, Pre	BG-2186	pcs	55,718	278,590	20%	55718	16715	43878	2089	1393	0	119,794
Staywire Pole Termination,	WGL-2186	pcs	27,859	278,590	20%	55718	16715	43878	2089	1393	0	119,794
Adjustable Stay Clamp	NUT-2	pcs	27,859	891,488	20%	178298	53489	140409	6686	4457	0	383,340
Binding Wire	φ3.2	m	50,000	50,000	20%	10000	3000	7875	375	250	0	21,500
Connector, Parallel Groove	JBY-120-3 5	pcs	113,911	569,555	20%	113911	34173	89705	4272	2848	0	244,909
Connector, Parallel Groove	JBY-120-3 1	pcs	12,162	97,296	20%	19459	5838	15324	730	486	0	41,837
Line Splice	LS-0123	pcs	1,515	6,060	20%	1212	364	954	45	30	0	2,606
Line Splice	LS-0134	pcs	2,626	15,756	20%	3151	945	2482	118	79	0	6,775
Dead End, Performed (Lv)	DG-4543	pcs	96,656	386,624	20%	77325	23197	60893	2900	1933	0	166,248
Dead End, Performed (Ht)	DG-4547	pcs	21,295	191,655	20%	38331	11499	30186	1437	958	0	82,412
M12*35 Bolt & Nut	M12*35	set	3,194	3,194	20%	639	192	503	24	16	64	1,437
M16x175 Pole Bolt & Nut	M16x175	pcs	31,812	63,624	20%	12725	3817	10021	477	318	1272	28,631
M16x200 Pole Bolt & Nut	M16x200	set	1,000	2,000	20%	400	120	315	15	10	40	900
M16x225 Pole Bolt & Nut	M16x225	set	96,659	193,318	20%	38664	11599	30448	1450	967	3866	86,993
M16x250 Pole Bolt & Nut	M16x250	set	5,000	15,000	20%	3000	900	2363	113	75	300	6,750
M16x300 Pole Bolt & Nut	M16x300	set	51,746	258,730	20%	51746	15524	40750	1940	1294	5175	116,429
M16x350 Pole Bolt & Nut	M16x350	set	3,000	15,000	20%	3000	900	2363	113	75	300	6,750
M20*40 Bolt & Nut	M20*40	set	39,025	156,100	20%	31220	9366	24586	1171	781	3122	70,245
M20*200 Pole Bolt & Nut	M20*200	set	15,150	75,750	20%	15150	4545	11931	568	379	1515	34,088
M20*300 Pole Bolt & Nut	M20*300	set	23,727	166,089	20%	33218	9965	26159	1246	830	3322	74,740
M20*350 Bolt & Nut	M20*350	set	1,321	9,247	20%	1849	555	1456	69	46	185	4,161
Screw		pcs	304,157	304,157	20%	60831	18249	47905	2281	1521	6083	136,871
17.5 Washer, Square	φ17.5	pcs	54,625	54,625	20%	10925	3278	8603	410	273	1093	24,581

	φ17.5	pcs	222,486	222,486	20%	44497	13349	35042	1669	1112	4450	100,119
22 Square Washer	φ22	pcs	67,357	67,357	20%	13471	4041	10609	505	337	1347	30,311
22 Curved Washer	φ22	pcs	37,867	37,867	20%	7573	2272	5964	284	189	757	17,040
D Iron	6*110*80*40	set	186,311	3,539,909	20%	707982	212395	557536	26549	17700	70798	1,592,959
Reel Insulator Ed-2b	ED-2B	pcs	111,438	557,190	10%	55719	30645	80444	4179	2786	0	173,774
Reel Insulator Ed-2c	ED-2C	pcs	145,423	727,115	10%	72712	39991	104977	5453	3636	0	226,769
J-Hook, Ball Ended	QG-2	pcs	21,295	511,080	20%	102216	30665	80495	3833	2555	0	219,764
Clevis Socket	W-7A	pcs	21,295	511,080	20%	102216	30665	80495	3833	2555	0	219,764
Strap	12*280*60	pcs	12,178	292,272	20%	58454	17536	46033	2192	1461	0	125,677
Crossarm Tie		psc	26,848	671,200	20%	134240	40272	105714	5034	3356	0	288,616
Crossarm Intermediate (2.84m)	∠110*110*8	psc	2,088	81,432	20%	16286	4886	12826	611	407	0	35,016
Crossarm Intermediate (2.84m)	∠110*110*8	psc	11,203	761,804	20%	152361	45708	119984	5714	3809	0	327,576
H Pole Crossarm (2.84m)	∠110*110*8	psc	4,019	341,615	20%	68323	20497	53804	2562	1708	0	146,894
COMPOSITE PIN INSULATOR	11KV	pcs	7,671	153,420	10%	15342	8438	22150	1151	767	0	47,848
COMPOSITE PIN INSULATOR	33KV	pcs	43,107	1,508,738	10%	150874	82981	217824	11316	7544	0	470,538
Composite String Insulator	11KV	pcs	3,863	57,945	10%	5795	3187	8366	435	290	0	18,072
Composite String Insulator	33KV	pcs	17,432	348,640	10%	34864	19175	50335	2615	1743	0	108,732
Pvc Cable,Cu	16V-16 YB ea	m	53,675	268,375	20%	53675	16103	42269	2013	1342	0	115,401
Bimetal Line Tap	JBG-1 16/	pcs	9,454	56,724	20%	11345	3403	8934	425	284	0	24,391
Earth Rod	XJT1210 M	pcs	15,132	151,320	20%	30264	9079	23833	1135	757	0	65,068
Earth Clamp	XJD04	pcs	15,132	75,660	20%	15132	4540	11916	567	378	0	32,534
Bimetal Line Tap	JBG-2 35/50	pcs	5,284	31,704	20%	6341	1902	4993	238	159	0	13,633
Bimetal Lug	BL-120(ECG)	pcs	10,769	75,383	20%	15077	4523	11873	565	377	0	32,415
Copper Line Tap	JB-0 TJ-16-	pcs	4,860	34,020	20%	6804	2041	5358	255	170	0	14,629
Copper Lug	DTGY-35	pcs	17,021	51,063	10%	5106	2808	7372	383	255	0	15,925
Copper Lug	φ22	pcs	234	819	10%	82	45	118	6	4	0	255
Lv Fuse Box	54611-18	set	2,860	143,000	20%	28600	8580	22523	1073	715	0	61,490
Lighting Arrester	Y10W-11	set	540	37,800	10%	3780	2079	5457	284	189	0	11,789
Lighting Arrester	Y10W-33	set	1,814	127,008	10%	12701	6985	18337	953	635	0	39,611
Drop Out	11KV	set	465	32,550	10%	3255	1790	4699	244	163	0	10,152
Drop Out	33KV	set	1,689	118,230	10%	11823	6503	17069	887	591	0	36,873
Pvc Cable,Cu	VV-35	m	49,564	1,486,920	20%	297384	89215	234190	11152	7435	0	639,376
Copper Strand Wire	TJ-16	m	13,472	202,080	20%	40416	12125	31828	1516	1010	0	86,894
Copper Strand Wire	TJ-35	m	14,678	366,950	20%	73390	22017	57795	2752	1835	0	157,789

Nylon Pipe	φ16	m	4,300	12,900	20%	2580	774	2032	97	65	0	5,547
Al.Tape	FLD-1 (1*10	m	3,333	16,665	20%	3333	1000	2625	125	83	0	7,166
Pipe Clip	φ16	set	347,608	173,804	20%	34761	10428	27374	1304	869	0	74,736
Crossarm	∠75*75*8*20	pcs	1,436	35,900	20%	7180	2154	5654	269	180	0	15,437
Channel Steel	[100*48*650	pcs	1,192	29,800	20%	5960	1788	4694	224	149	0	12,814
Channel Steel	[100*48*700	pcs	116	3,480	20%	696	209	548	26	17	0	1,496
Channel Steel	[140*58*2000	pcs	1,308	65,400	20%	13080	3924	10301	491	327	0	28,122
Transformer	11/11.5/0.433	pcs	105	472,500	5%	23625	0	0	3544	2363	0	29,531
Transformer	11/11.5/0.433	pcs	48	312,000	5%	15600	0	0	2340	1560	0	19,500
Transformer	11/11.5/0.433	pcs	23	195,500	5%	9775	0	0	1466	978	0	12,219
Transformer	33/34.5/0.433	pcs	282	1,410,000	5%	70500	0	0	10575	7050	0	88,125
Transformer	33/34.5/0.433	pcs	195	1,365,000	5%	68250	0	0	10238	6825	0	85,313
Transformer	33/34.5/0.433	pcs	45	405,000	5%	20250	0	0	3038	2025	0	25,313
Load Isolator	SBC-17/400	set	15	46,500	10%	4650	2558	6713	349	233	0	14,502
Load Isolator	SBC-36 33kv	set	68	270,640	10%	27064	14885	39074	2030	1353	0	84,406
Insulating Adhesive Tape	10meter/tape	pcs	4,448	22,240	20%	4448	1334	3503	167	111	445	10,008
Lv Fuse Link	0.433KV/50A	pcs	1,103	4,412	10%	441	243	637	33	22	0	1,376
Lv Fuse Link	0.433KV/100	pcs	1,406	5,624	10%	562	309	812	42	28	0	1,754
Lv Fuse Link	0.433KV/200	pcs	351	1,404	10%	140	77	203	11	7	0	438
Drop Out Fuse Link	11KV/5A	pcs	290	290	10%	29	16	42	2	1	0	90
Drop Out Fuse Link	11KV/10A	pcs	126	126	10%	13	7	18	1	1	0	39
Drop Out Fuse Link	11KV/20A	pcs	57	57	10%	6	3	8	0	0	0	18
Drop Out Fuse Link	33KV/2A	pcs	857	857	10%	86	47	124	6	4	0	267
Drop Out Fuse Link	33KV/3A	pcs	605	605	10%	61	33	87	5	3	0	189
Drop Out Fuse Link	33KV/7.5A	pcs	328	328	10%	33	18	47	2	2	0	102
Coach Screw Insulator	0.433KV P8	pcs	91,374	365,496	10%	36550	20102	52768	2741	1827	0	113,989
Meter (Single -Phase)	1 phase 5/60A	pcs	42,420	1,611,960	10%	161196	88658	232727	12090	8060	32239	534,969
Meter (Three - Phase)	3 phase 20/10	pcs	1,031	164,960	10%	16496	9073	23816	1237	825	3299	54,746
Meter Box	1 phase	pcs	17,101	1,658,797	10%	165880	91234	239489	12441	8294	33176	550,513
Meter Box	3 phase	pcs	335	32,495	10%	3250	1787	4691	244	162	650	10,784
Mcb(Single -Phase)	1 phase	pcs	42,420	84,840	10%	8484	4666	12249	636	424	1697	28,156
Mcb (Three - Phase)	3 phase	pcs	1,031	4,124	10%	412	227	595	31	21	82	1,369
Mcb Box (Single -Phase)	1 phase	pcs	42,420	42,420	10%	4242	2333	6124	318	212	848	14,078
Mcb Box (Three - Phase)	3 phase	pcs	1,031	2,062	10%	206	113	298	15	10	41	684

Service Cable 1*16	1*16mm	m	1,717,813	5,153,439	20%	1030688	309206	811667	38651	25767	0	2,215,979
Pvc/Pvc Cable 2*16	2*16mm	m	216,342	1,514,394	20%	302879	90864	238517	11358	7572	0	651,189
Pvc/Pvc Cable 4*16	4*16mm	m	5,258	68,354	20%	13671	4101	10766	513	342	0	29,392
Conductor (ECG)	AAC50	km	4,781	4,546,617	20%	909323	272797	716092	34100	22733	0	1,955,045
Conductor (ECG)	AAC120	km	4,831	11,352,380	20%	2270476	681143	1788000	85143	56762	0	4,881,523
Wooden Pole	7m	pcs	16,890	2,364,600	20%	472920	141876	372425	17735	11823	47292	1,064,070
Wooden Pole	8m	pcs	19,591	4,427,566	20%	885513	265654	697342	33207	22138	88551	1,992,405
Wooden Pole	9m	pcs	6,350	1,657,350	20%	331470	99441	261033	12430	8287	33147	745,808
Wooden Pole	10m	pcs	7,225	2,731,050	20%	546210	163863	430140	20483	13655	54621	1,228,973
Wooden Pole	11m	pcs	6,496	2,851,744	20%	570349	171105	449150	21388	14259	57035	1,283,285
Steel Pole	11m	pcs	8,257	10,321,250	20%	2064250	619275	1625597	77409	51606	206425	4,644,563
Pick-Up-Toyota Hilux		unit	20	600,000	5%	30000	31500	82688	4500	3000	12000	163,688
Big Toyota Pick-Up		unit	6	300,000	5%	15000	15750	41344	2250	1500	6000	81,844
Trucks		unit	4	400,000	5%	20000	21000	55125	3000	2000	8000	109,125
Crane Truck		unit	2	200,000	5%	10000	10500	27563	1500	1000	4000	54,563
St Forklift		unit	3	186,000	5%	9300	0	0	1395	930	0	11,625
TOTAL				77,084,550		13727400	4312435	11320141	578134	385423	693238	31,016,771

CERTIFICATE

TOTAL TAX LIABILITY=31,016,771 U.S. DOLLARS.

This is to certify that the assessment given is true and correct.

Signature:.....

Importer/Agent's Name & Designation:.....

For Official Use

Assessment rechecked and found correct and complete.

Signature:.....

.....15-05-2019.....

Date

Officer's Name & Rank:-

GIDEON GLEY

(REV. OFFICER)

