



MILLENNIUM DEVELOPMENT AUTHORITY (MiDA)

GHANA COMPACT II

Mid-Year Performance Report

July 2019

Ghana Compact II Theme

*"Powering Ghana for Accelerated and Sustainable
Economic Growth"*

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GLOSSARY OF ABBREVIATIONS

AG	Attorney General
BCS	Bid Challenge System
BSP	Bulk Supply Point
CAMM	Contract Administration and Management Manual
CAP-Scan	Capacity Scan
CIF	Compact Implementation Funding
CP	Condition Precedent
DMS	Document Management System
ECG	Electricity Company of Ghana Ltd
EEDSM	Energy Efficiency and Demand Side Management
EPA	Environmental Protection Agency
ERP	Enterprise Resource Planning
ESMS	Environmental and Social Management System
ESH	Environment Social and Health
ESP	Environmental and Social Performance
ESIA	Environmental and Social Impact Assessment
FAT	Factory Acceptance Test
GIS	Geographic Information System
GoG	Government of Ghana
GSA	Ghana Standards Authority
GSI	Gender and Social Inclusion
HSESCA	Health Safety Environment Social Capacity Assessment
ICC	Interconnecting Circuits
IDIQ	Indefinite Delivery Indefinite Quantity
IE	Implementing Entity
IEA	Implementing Entity Agreement
IFB	Invitation for Bids
IFC	International Finance Corporation
IPM	Integrated Planning Model
IPP	Independent Power Producer
LCU	Loss Control Unit
MCC	Millennium Challenge Corporation
M&E	Monitoring and Evaluation
MiDA	Millennium Development Authority
MoEn	Ministry of Energy
MoE	Ministry of Education
MoF	Ministry of Finance
MoU	Memorandum of Understanding
NaCCA	National Council for Curriculum and Assessment

NARUC	National Association of Regulatory Utilities Commissioners
NEDCo	Northern Electricity Distribution Company Ltd
NFOT	NEDCo Financial and Operational Turnaround
PAP	Prioritized Action Plan
PIA	Program Implementation Agreement
PIU	Program Implementation Unit
PMC	Program Management Consultant
PO	Purchase Order
POM	Procurement Operations Manual
PoW	Progress of Work
PPG	Program Procurement Guidelines
PSP	Private Sector Participation
PSWU	Public Services Workers Union
PURC	Public Utilities Regulatory Commission
PUWU	Public Utility Workers Union
RCE	Resettlement and Community Engagement
RfP	Request for Proposals
RPP	Regulatory Partnership Program
SGIP	Social and Gender Integration Plan
SoW	Statement of Works
STEM	Science Technology Engineering and Mathematics
TA	Technical Assistant
TER	The Technical Evaluation Report
TOR	Terms of Reference
TP	Tariff Plan
TVET	Technical and Vocational Education Training
VO	Variation Order
VRA	Volta River Authority

PART ONE: EXECUTIVE SUMMARY

A. Introduction

This Mid-Year Report covers Program performance for the period of January 1 to June 30, 2019, and captures Activities undertaken by the Millennium Development Authority (MiDA) toward the implementation of the Ghana Power Compact Program.

The Report also identifies challenges to the successful execution of the Compact and strategies put in place to ensure successful implementation of Activities.

In the period under review, significant progress was made in procurement of Service Providers and in the implementation of Contracts that have already been awarded. Expected support from Implementing Entities was forthcoming.

B. Highlights of January-June 2019 Achievements

During the reporting period, MiDA achieved the following major milestones:

ECG Financial and Operational Turnaround (EFOT) Project

- Signed Contract for the implementation of the Metering Management System (MMS).
- Launched Invitation for Bids (IFB) for the Korle Gonno, Kanda, Kotobabi and University of Ghana Teaching Hospital (UGTH) Primary Sub-Stations.
- Completed the construction of the Kotobabi Police Station Fence Wall.
- Signed Contract for Pokuase BSP with Contractor (Elecnor SA)
- Granted Access to Site to Elecnor SA, the Contractor for the Pokuase BSP.
- Held Ground-Breaking Ceremony for the Pokuase BSP.
- Evaluated Bids for the Pokuase Interconnecting Circuits (ICC).

Access Project

- Issued Request for Proposals (RfP) on the Customer Outreach, Facilitation Assistance and Normalization of Services.
- Launched Invitation for Bids (IFB) for the High Voltage Distribution System and Security Lighting.

Regulatory Strengthening and Capacity Building Project

- Signed Contract with National Association of Regulatory Utility Commissioners (NARUC) for the implementation of the Regulatory Partnership Program.

Energy Efficiency and Demand Side Management (EEDSM) Project

- Completed the gazetting of Standards for Lot 3 Electrical Appliances (i.e. Microwave Washing Machine, Computer, Electric Motor and Standing Fan).
- Signed Consultancy Contract for the Drafting of Legislative Instruments (LIs) to enforce Standards and Labels of Electrical Appliances.
- Signed Works Contracts for the Retrofitting of buildings of Seven (7) GOG Institutions.

- Signed Consultancy Contract for the setting-up of two (2) Sustainable Energy Services Centers (SESCs) at two (2) yet to be selected Tertiary Institutions.
- Issued Invitation for Bids (IFB) on the Street Lights Replacement Works Phase 1.

Environment and Social Performance

- Implemented the Resettlement Action Plan (RAP) for the Pokuase BSP.
- Facilitated rezoning of the Sites earmarked for the construction of Primary Substations at Kotobabi, Korle Gonno and Kanda.
- Obtained Draft Lease for the Land at the University of Ghana Medical Center (UGMC) for the construction of a Primary Substation.
- Acquired Lands for the construction of additional Primary Substations at Katamanso, Oyarifa and Dunkonnah.
- Reached Agreement with identified Land Owners for the construction of the Kasoa BSP.
- Engaged Resettlement Action Plan and Community Engagement Consultants for Infrastructure Activities under the EFOT Project.
- Engaged Environment, Social, Health and Safety Consultant for Infrastructure Activities under the EFOT Project.
- Secured Environmental Assessment (EA) Permits for Infrastructure Activities under the Access, EFOT and the Energy Efficiency and Demand Side Management Projects.
- Acquired Land for the construction of the Kasoa BSP.
- Developed Resettlement Action Plan (RAP) for the construction of the Kasoa BSP
- Obtained License agreement for the construction of the PSS at UGMC
- Facilitated Stakeholder Engagement for the AgDevCo Electricity Connection Project

Gender and Social Inclusion

- Organized the Fourth Quarter Meeting of the Gender and Energy Working Group
- Coordinated Workshops for the development of the ECG Gender and Social Inclusion (GSI) Policy and the Gender Action Plan.
- Coordinated Training Workshops on GSI and Networking conducted for 85 National, Regional and District Focal Persons of the ECG Power Queens Club.
- Organized a Stakeholder Workshop with new Employers on the 2019 Internship and Mentoring Program.
- A total of 202 Applicants had been successfully placed and matched with their respective Organizations under the Internship and Mentoring Program as at the end of June 2019.

C. Challenges

Work on the NFOT Project stalled because of opposition from some sections of the NEDCo Staff to the Management Contract component of the Project. This has resulted in the de-scoping of the Project following a joint MiDA/MCC Implementation Workshop held in February 2019.

PART TWO: PLANNED SECTOR ACTIVITIES AND DELIVERY

2.1 INTRODUCTION

On 5th August 2014, the Millennium Challenge Compact between the Republic of Ghana and the United States of America was signed. The goal of the Compact, which focuses on Ghana's Power Sector, is to reduce poverty through economic growth in Ghana; and its objectives are to:

- Increase Private Sector Investment and the productivity and profitability of Micro, Small, Medium, and Large Scale Businesses.
- Increase employment opportunities for men and women.
- Raise earning potential from Self-employment and improved social outcomes for men and women.

The Ghana Power Compact Program has a Budget of US\$ 498.2 million, consisting of two Tranches of Program Funding amounting to US\$ 469.3 million and a Compact Implementation Funding (CIF) of US\$ 28.9 million. In addition, there is a Government of Ghana (GoG) contribution of not less than 7.5% (i.e. US\$ 37.4 million), bringing the total Compact Funds to US\$ 535.6 million. The Tranche II Funds, which amounts to US\$ 190 million of the total, became available from September 6, 2018, after meeting a number of Conditions Precedent (CPs).

The Compact Program originally consisted of the following six (6) Projects:-

- Distribution Projects
 - ECG Financial and Operational Turnaround (EFOT) Project
 - NEDCo Financial and Operational Turnaround (NFOT) Project
 - Access Project
- Generation Projects
 - Regulatory Strengthening and Capacity Building (RSCB) Project
 - Power Generation Sector Improvement (PGSI) Project
 - Energy Efficiency and Demand Side Management (EEDSM) Project

The Compact Program seeks to address identified challenges in Ghana's Power Sector by providing an overall framework for strengthening the Ghana Electricity Distribution System. This was to be achieved by helping the Electricity Company of Ghana (ECG) and the Northern Electricity Distribution Company (NEDCo) to reduce their Technical and Commercial Losses and attract the needed Investment. The Compact was also to provide Technical Assistance in the areas of Corporate Governance, Technical Capacity of Sector Regulators, and the integration of Gender issues into the operations of relevant Sector Agencies.

The expected outcome for the Compact Program at the time of inception was the modernization of the Power Distribution Companies and Capacity Building within the Power Generation

Institutions in Ghana and to present the Power Distribution Companies as credible Off-takers for prospective Independent Power Producers (IPPs).

Following the Mid-Term Review of the Program in February 2019, the NFOT and the PGSI Projects were de-scoped. Some sections of the NEDCo Staff were opposed to the Management Contract component of the Project, thus stalling the work on the NFOT Project. In the case of the PGSI Project, most of the Activities planned under the Compact are being funded by the United States Agency for International Development (USAID).

During the period January-June 2019, MiDA Stakeholders, such as the Ministry of Energy (MoEn), Ministry of Finance (MoF), the Attorney-General's (AG) Office, ECG, EC and PURC to ensure that the Transfer Date for the ECG PSP Transaction, which was fixed for March 1, 2019 was achieved. Power Distribution Services (PDS) has since March 1, 2019, taken over the Operations of ECG under a 20-year Concession Agreement.

This Semi-Annual Performance Report captures Activities related to the following.

- Program Activities
 - Procurements
 - Distribution Projects
 - Generation Projects
 - Environment and Social Performance (ESP)
 - Gender and Social Inclusion (GSI)
- Monitoring and Evaluation
- Communications and Outreach

2.2 PROGRAM ACTIVITIES

2.2.1 Procurements

Procurement implemented by the Millennium Development Authority ("MiDA") is in accordance with Compact requirements, the Program Implementation Agreement as well as MCC Program Procurement Guidelines ("PPG") and MCC Guidance Papers. These Guidelines are further elaborated in the Procurement Operations Manual (POM) and Contract Administration and Management Manual (Camm).

Contracts to the tune of USD 52,081,355 and USD 5,042,952.00 were signed in the First and Second Quarters of 2019 respectively as indicated in the Tables below.

Contracts Awarded under the Ghana Power Compact in January-March 2019

Contract No.	Description	Method	Organization	Contract Value (USD)	Contract Signed
5140800	ESH&S RAP Request for Task Order Proposals (RFTOP) 2	IDIQ	SAL Consult	22,320	18-Jan-19
5811600	Attorney General's Office	Shopping	Genesol Ghana	7,412	25-Jan-19
5811600	Attorney General's Office	Shopping	Ultimate Supplies	22,104	25-Jan-19
5810900	MiDA Billboards	Shopping	Yetron Services	60,959	25-Jan-19
5140500	Kotobabi Police Station Wall	Shopping	Royal SDR ltd	46,101	6-Feb-19
5130730	CYME Dongle	SSS	CYME/Eaton	22,950	8-Feb-19
5810500	MiDA Software Licenses	Shopping	Compu Ghana	9,255	8-Feb-19
5121100	Program Implementation Unit	QCBS	Azorom	4,997,000	18-Feb-19
5140400	BSP at Pokuase	CB	Elecnor SA	33,040,361	19-Feb-19
5140900	RAP Request for RFTOP 9	IDIQ	SAL Consult	240,044	27-Feb-19
5610500	EES&L Legislative Instruments	QCBS	REM Law Consultancy	405,132	14-Mar-19
5320100	Regulatory Partnership (NARUC)	SSS	NARUC	700,000	15-Mar-19
5130400	Meter Management System (MMS)	CB	Siemens	12,259,579	19-Mar-19
5140900	RAP RFTOP 11	IDIQ	SAL Consult	231,920	27-Mar-19
5140800	ESH&S RFTOP 4	IDIQ	SAL Consult	16,218	27-Mar-18
Total Contracts Awarded within the Quarter (1 st Jan - 31 st March 2019)				52,081,355	

Contracts Awarded under the Ghana Power Compact in April-June 2019

Contract No.	Description	Method	Organization	Contract Value USD	Contract Signed
5110100-01	ECG TAS (Extension)	SSS	Hunton Andrews Kurth	1,798,719	1-Apr-19
5140900	RAP RFTOP 12	IDIQ	Binserkoms	278,250	16-Apr-19
5140900	RAP RFTOP 13	IDIQ	Colan Consult	285,375	16-Apr-19
5140800-01	ESH&S RFTOP 5	IDIQ	SAL Consult	88,100	24-Apr-19
5140800-01	ESH&S RFTOP 6	IDIQ	SAL Consult	90,350	26-Apr-19
5140900-RFTOP 14	Environmental & Social Performance (RAP Consultant)	IDIQ	Devtpplan Consult,	288,250	7-May-19
5610400-02	Field Metering and Monitoring Studies Test Equipment	CB	Intermerc Ghana Ltd	521,316	9-May-19
5810500	MiDA Inverter Batteries	Shopping	Sysnet Solutions	20,196	16 May 19
5140900-05	2 Bed House at Asadame	Shopping	Royal SDR Ltd	33,557	24-May-19
5620200	Race to Retrofit Works (Phase 1 Lot 1)	CB	Process Plant Automation	199,801	29-Mar-19
5620200	Race to Retrofit Works (Phase 1 Lot 2)	CB	Maybert Ltd	1,040,557	29-Mar-19
5620200	Race to Retrofit Works (Phase 1 Lot 3)	CB	Process Plant Automation	398,481	29-Mar-19
5140200-01	LV Bifurcation IDIQ Works Head Contract	CB IDIQ	Best & Crompton	Zero	31-May-19
5140200-02	LV Bifurcation IDIQ Works Head Contract	CB IDIQ	MBH Power Limited	Zero	31-May-19
5140200-03	LV Bifurcation IDIQ Works Head Contract	CB IDIQ	Power Factor Limited	Zero	31-May-19
Total Contracts Awarded within the Quarter (Apr 1 - June 30 2019)				52,081,355	

2.2.2 Distribution Projects

The Power Distribution Sector Projects consist of the ECG Financial and Operational Turnaround (EFOT) and the Access Project. Progress made in these areas during the reporting period is summarized in the Table below.

Status and Progress of Ongoing Program Activities, Distribution Projects

Activity	Sub-Activity	Current Half-Year Progress
EFOT Project		
Modernizing ECG Operations	Geographic Information System (GIS)	The Contractor completed the Field Validation component of the Pilot Data Migration which enabled the completion of the Graphical Design, Web Portal and Mobile GIS with the redline. Some selected Power Distribution Services (PDS) Staff went through Train-the-Trainer on the Mobile Applications, including the GT Viewer.
	Upgrade of Data Centre & Communication Network (DCCN) Consultancy	Responses to Clarification Questions were sent to Prospective Bidders in January 2019; Bids were received in February 2019; end Evaluation of Bids was completed in March 2019. The Evaluation Report was subsequently submitted to MCC.
	Enterprise Resource Planning (ERP)	The ERP Technical Specification Document was completed in March 2019.
Commercial Loss Reduction	Replacement of Legacy Meters with Prepayment Meters and Normalization of Service Connections	Siemens (the Contractor) resubmitted the Performance Security and Advance Payment Guarantee for the Contract on March 8, 2019. The MMS Contract was signed on March 25, 2019.
	Installation of Pre-Payment Meters (PPM) in	The planned installation of Prepayment Meters in Kaneshie District was on hold; it is dependent on the availability of Contingency Funds.

Activity	Sub-Activity	Current Half-Year Progress
	Kaneshie District & AMR Meters at Critical Distribution Network Nodes	PDS and MiDA reviewed and finalised the Specifications, Bill of Quantities, and Scope of Works for the Installation of Advanced Metering Infrastructure (AMI) during the Functional Specification Workshop held in June 24-28, 2019.
Technical Loss Reduction	Construction of Korle-Gonno, Kotobabi, Kanda and Legon Primary Substations & Interconnecting Circuits	<p>The Invitation for Bids (IFB) for the four Primary Substations was launched on March 28, 2019.</p> <p>Bid Evaluation for the Construction of the Kotobabi Police Station Fence Wall commenced on January 11, 2019 and was completed on January 21, 2019. The Contract was signed on February 6, 2019 and the Kick-off Meeting held on February 15, 2019. The Contractor commenced work on February 18, 2019. Construction works progressed steadily throughout the month of March, 2019.</p> <p>The Contract and construction of the Kotobabi Police Station Fence Wall were completed on June 21, 2019. However, the Police Administration have submitted a request for changes to the completed work for MiDA's consideration.</p> <p>Comments on the Interconnecting Circuits, were received from MCC and WSP (Consultants to MCC), on March 26, 2019.</p> <p>Following the issuance of MCC "Technical No Objection" for the construction of the four (4) Primary Substations and Interconnecting Circuits, the IFB was launched on June 12, 2019.</p>
	Construction of Additional Primary Substations & Interconnecting Circuits	<p>MiDA was granted access to the proposed Katamanso, Dunkonah and Oyarifa Primary Substation Sites.</p> <p>SMEC completed Geotechnical Investigations and Topographic Survey Reports and Preliminary Designs for the additional Primary Substations in June 2019.</p>
	Construction of Pokuase Bulk Supply Point & Interconnecting	Contract Negotiations with Elecnor (Contractor) was carried out on January 14-15, 2019. Letter of Acceptance was issued on January 22, 2019 and the Kick-off Meeting was held on March 12-13, 2019.

Activity	Sub-Activity	Current Half-Year Progress
	Circuits	<p>Access to Site was granted to the Contractor on April 4, 2019, and was followed by site clearance activities. A Ground Breaking ceremony for the Pokuase BSP was held at the Pokuase BSP Site on April 30, 2019. The ceremony was attended by the following:</p> <ul style="list-style-type: none"> - Chief of Staff (who represented the President) - US Ambassador - Vice President – MCC Compact Operations - MCC Country Team - MiDA Board Chair and Members - Power Sector Agencies: GRIDCo, PDS, ECG - Other Key Stakeholders. <p>Designs for Earthworks and General Layout, Drainage, and Civils were produced by the Contractor. The Project Engineer (SMEC) and other Stakeholders (GRIDCo, PDS, ECG, PIU, WSP) reviewed and comments submitted to comments on the Designs to the Contractor.</p> <p>Monthly Project Meetings (April, May and June) were held with the Contractor.</p> <p>The Contractor commenced work on Earthworks (General excavation, Backfilling and Compaction) on June 20, 2019.</p> <p>The Bidding Document for the Interconnecting Circuits was launched on March 11, 2019.</p> <p>Site Visits were carried out throughout the month of March, 2019 to the Project location to ascertain the impact of the construction of the Pokuase Interchange on the Pokuase BSP Interconnecting Circuits Project.</p> <p>Bids for the Pokuase BSP ICC were submitted on May 31, 2019. Evaluation was undertaken from June 3, 2019 and completed on June 20, 2019. The Technical Evaluation Report (TER) was submitted to MCC for their 'No Objection' on June 20, 2019.</p>
	Construction of Kasoa Bulk Supply Point & Interconnecting Circuits	<p>A Joint Stakeholder Due Diligence Site Visit involving MiDA, MCC/WSP, SMEC, GRIDCo and PDS was carried out on February 8, 2019.</p> <p>The Bid Document was issued on June 12, 2019. The Bids are expected to be submitted by August 23, 2019.</p>
	Low Voltage	Letters of Acceptance were issued to the Three (3) Selected

Activity	Sub-Activity	Current Half-Year Progress
	Bifurcation and Network Improvements	<p>Contractors (namely <i>Messrs. Best and Crompton Engineering Ltd, Messrs. MBH Power Ltd, and Messrs. Power Factor Company Ltd</i>) on May 15, 2019 and signed Head Contracts with them on May 31, 2019</p> <p>The Request for Works Order Quotation (RFWOQ) was issued to the three selected Contractors for them to submit their proposals on June 12, 2019</p> <p>Proposals on Works Orders were received from <i>Messrs. Best and Crompton</i> on June 24, 2019 and the review of the Proposals commenced on June 27, 2019.</p> <p>A Focus Group Workshop was held with PDS, ESBI, PIU, the RAP Consultants, and the ESIA Consultants on May 23, 2019 to discuss and collate major issues which were likely to impede successful delivery.</p> <p>Received Approval on the Works Orders from MCC in respect of Achimota, Kaneshie, Dansoman, and Mampong Districts on May 20, 2019.</p>
Outage Reduction	Installation of Outage Management System (OMS)	MiDA performed an Organizational Readiness Assessment was performed for PDS and developed the Technical Scope of Works, Training and Supervision for the OMS and Specifications for the Trouble Trucks.
Access Project		
Infrastructure	High Voltage Distribution System (HVDS) in Markets and Economic Enclaves (M&EEs)	<p>PDS submitted comments on the Final 100% Designs of the HVDS and Security Lighting as well as the Design Criteria (or Basis of Designs) for both HVDS and Security Lighting in January 2019.</p> <p>The Design Consultant, PDS and other Stakeholders reviewed and finalized 100% Engineering Designs and</p>

Activity	Sub-Activity	Current Half-Year Progress
	Security Lighting in Markets M&EEs	<p>Specifications for the HVDS and Security Lighting in a Design Review Meeting on February 6, 2019.</p> <p>A Working Session on the preparation of the Bidding Documents was held between MiDA Procurement Agent (PA), the Design Consultant and other Stakeholders in the week of February 4 - 8 2019.</p> <p>Draft Bidding Documents were submitted by the Design Consultant for review on March 17, 2019. MiDA, PA, and SMEC completed review of the Bidding Documents and comments ready for submission to Design Consultant to finalize the process.</p> <p>Final EPA Licenses obtained for seven (7) M&EEs in Accra on April 25. Preparation of Licenses for three (3) M&EEs in Tamale ongoing.</p> <p>The IFB for procurement of Contractor(s) for the HVDS and Security Lights was launched on May 20, 2019 and Pre-Bid Conference to respond to Bidders' questions was held on June 18.</p>
Social Inclusiveness and Improved Partnerships	Customer Outreach, Normalization of Services, and Facilitation Assistance for new connections	<p>The RfP for the Customer Outreach, Facilitation Assistance and Normalization of Services was issued on March 25, 2019.</p> <p>Technical and Financial Evaluations were completed and Letter of Intent to award Contract was issued to the successful Bidder in June 2019.</p>

2.2.2 Generation Projects

Following the de-scoping of the Power Generation Sector Improvement (PGSI) Project, the Generation Sector Projects now consist of Regulatory Strengthening and Capacity Building (RSCB) Project and the Energy Efficiency and Demand-Side Management (EEDSM) Project. The Report below covers progress made on these two Projects.

Status and Progress of Ongoing Program Activities, Generation Projects

Activity	Sub-Activity	Current Half-Year Progress
Regulatory Strengthening & Capacity Building Project		
Tariff Review and Regulatory Activity	Tariff Study and Tariff Plan	<p>Contract for Regulatory Partnership Program (RPP) was signed with NARUC on March 15, 2019.</p> <p>The RPP Consultancy commenced with a Kick-Off Meeting on May 6, 2019.</p> <p>MiDA facilitated Stakeholder Engagements between NARUC (including Arizona Corporation Commission and VIS Economics & Energy Consultants of USA) and PURC, EC, MoEn, and various Stakeholders during the period May 6 - 17, 2019.</p> <p>NARUC submitted the Draft Inception Report and Draft Report on Capacity & Skills Gap Analysis on June 10, 2019. EC and PURC comments on the Draft Reports were forwarded to NARUC on June 28, 2019.</p>
Energy Efficiency & Demand-Side Management (EEDSM) Project		
Development and Enforcement of Standards and Labels	Development of Standards and Labels	<p>Completed the gazetting of Standards for Lot 3 Electrical Appliances (i.e. Microwave Washing Machine, Computer, Electric Motor and Standing Fan), and commenced the process for adoption of Standards for Lot 4 Electrical Appliances (i.e. Blender, Electric Water Heater, Rice Cooker and Kettle).</p> <p>GSA continued to work towards the adoption of Standards for the Lot 4 Products.</p>
	Legislative Instruments	Signed Consultancy Contract on March 14, 2019 for drafting of Legislative Instruments (LIs) to enforce the new Standards and Labels for Electrical Appliances.

Activity	Sub-Activity	Current Half-Year Progress
		<p>Commenced Consultancy Services for Drafting of LIs.</p> <p>MCC's Vertical Structures Architect held a Meeting with Key Stakeholders and visited the proposed Site for the AC Test Laboratory Building in the week of Jan 21, 2019.</p> <p>Ghana Standards Authority (GSA) submitted Topographic Maps and Site Survey Plan which was requested by the Architect during his visit on March 21, 2019. The Architect is in the process of finalizing design sketches of the Topographic Maps and Site Survey Plan.</p> <p>MCC's Vertical Structures finalized the design sketches for AC Test Laboratory Building.</p> <p>Design specifications for the AC Test Laboratory and the AC Test Laboratory Building submitted to the PA to enable them prepare the EOI and RFI Documents.</p> <p>MCC approved the proposal from WSP-Econoler to prepare a comprehensive Business and Operational Plans for the Additional Test Labs.</p> <p>MCC's Consultant (WSP-Econoler) is scheduled for a planned mission trip to Ghana in the first week of July 2019 to engage stakeholders on the Additional Test Labs.</p>
	Field Metering and Monitoring Studies (FMMS)	<p>Bidding Document for Metering Equipment for the FMMS was issued on Jan 7, 2019.</p> <p>Board Approval was received for FMMS Metering Equipment. The Approval was required because the Budget presented by each of the two (2) Successful Bidders exceeded what was in the Procurement Plan.</p> <p>Signed contract for the supply of Metering Equipment for Household Survey under the FMMS Consultancy Services.</p> <p>Listing under the FMMS Consultancy Services has commenced.</p>
Improved Energy Auditing	Race to Retrofit and Renewables (RTRR)	The Investment Grade Energy Audit (IGEA) and Voltage Optimization Study Reports on the Ghana Education Service (GES) Building were approved.

Activity	Sub-Activity	Current Half-Year Progress
		<p>The Voltage Optimization Study Report on Adabraka Polyclinic and Korle Bu Teaching Hospital (KBTH) was approved.</p> <p>Comments on the Structural Integrity Study Reports on Adabraka Polyclinic, KBTH, Department of Urban Roads (DUR), Ministry of Health (MoH), Ministry of Education (MoE) and the University of Ghana (UoG) were forwarded to the Consultant.</p> <p>Bids for the RTRR Program Works Phase 1 were received and evaluated. Letters for Notification of Award of Contract were issued to two (2) successful Bidders. These Bidders have commenced work on getting their Performance Bonds, which is a requirement for Contract signing.</p> <p>Finalized and approved reports on Structural Integrity Study on all Roofs and Car Parks for the seven (7) Buildings under the RTRR Program.</p> <p>Signed three (3) Contracts for Phase I of the RTRR on May 20, 2019.</p> <p>Commenced Works Phase I for RTRR Program.</p> <p>KBTH advised MiDA on the replacement of two (2) Buildings under the RTRR Program because of an upcoming GoG Refurbishment Works. MiDA Board Approval was given to conduct IGEAs at the two (2) replacement Buildings</p>
	Setting Up of Sustainable Energy Services Centers (SESCs)	<p>Signed Consultancy Contract for the Setting-up of two (2) Energy Auditing Centers on January 28, 2019. Services commenced on March 11, 2019.</p> <p>Continued with the Consultancy Services for Setting-up of two Energy Auditing Centers Consultancy Services.</p>

Activity	Sub-Activity	Current Half-Year Progress
Education & Public Information	Update of Pre-Tertiary School Curriculum on Energy Efficiency and Conservation (EEC)	<p>Worked with the National Council for Curriculum and Assessment (NaCCA) and GES to update Primary-level Pre-Tertiary Curricula on EEC.</p> <p>Commenced Pupil and Student Knowledge, Attitude and Practices (KAPs) Survey on EEC for 60 Schools on March 11, 2019.</p> <p>The Consultant completed Pupil and Student Knowledge Surveys for 60 Schools in May.</p> <p>A Report on Surveys of Pupil and Student Knowledge in the 60 Schools was submitted, reviewed and approved in June.</p> <p>Needs Assessment on EEC updates in 30 selected schools commenced in June 2019.</p>
Demand-Side Management	Street Lighting	<p>Finalized Invitation for Bids (IFB) Document for Street Lighting Replacement Works on Jan 31, 2019.</p> <p>Issued IFB Document on Feb 11, 2019 and held Pre-bid Conference for Street Lighting Replacement Works on March 12, 2019.</p> <p>Received Bids in April 26, 2019.</p> <p>Letters of Contract Award for the replacement of Street Lights on selected Road Corridors in ECG Accra East and West Regions were issued to three (3) Contractors in June 2019.</p>

2.2.4 Environment and Social Performance

The Compact requires that all Projects are implemented in line with MCC's Environmental Guidelines, the International Finance Corporation Performance Standards on Environmental and Social Sustainability, and Ghana's Laws, Regulations, Licenses, and Permits. MiDA is therefore mandated to ensure such compliance.

The following were achieved during the period January-June 2019:

Implementation of the Resettlement Action Plan (RAP) for the Pokuase BSP

- MiDA successfully implemented the RAP for properties identified to be affected by the construction of the Pokuase BSP. The identified properties included parcels of Land, structures at various stages of construction and crops. Payment of compensation, where necessary have been made to all Project Affected Persons (PAPs).
- MiDA commenced measures to construct a replacement structure for a PAP who opted for in-kind compensation. Access to the Pokuase BSP Site has since been granted to the Works Contractor.

Facilitation of re-zoning of the Sites earmarked for the Construction of Primary Substations at Kotobabi, Korle Gonno and Kanda

- MiDA engaged the Services of the Ghana Institute of Planners to re-zone the Sites earmarked for the construction of Primary Substations from Cultural and Civic Zones to Utility Zones.
- The Final Re-zoning Reports have been submitted to the Accra Metropolitan Assembly (AMA) for the issuance of the Rezoning and Building Permits for the construction of the Primary Substations.

Lease for the Land at the University of Ghana Medical Center (UGMC) for the construction of a Primary Substation

- MiDA facilitated the issuance of Draft Lease Agreement between the University of Ghana and the Electricity Company of Ghana (ECG) for a 0.8 acre Parcel of Land situated at the University of Ghana for the construction of the Primary Substation.
- ECG is reviewing the Draft Lease Agreement.

Acquisition of Lands for construction of additional Primary Substations

- MiDA has acquired parcels of Land at Katamanso, Oyarifa and Dunkonnah for the construction of additional Primary Substations under the ECG Financial and Operational Turnaround (EFOT) Project.
- MiDA is working with Landowners to secure the relevant documentation covering the acquisition of these Lands.

Acquisition of Land for the construction of the Kasoa Bulk Supply Point (BSP)

- MiDA has acquired a 2.3 acre Parcel of Land at Kasoa for the construction of the Kasoa BSP. Land registration with the Lands Commission's Office in Cape Coast has commenced.

Resettlement Action Plan and Community Engagement Consultants for Infrastructure Activities under the EFOT Project

- MiDA engaged the services of Resettlement Action Plan and Community Engagement Consultants for the following activities:
 - i. Installation of Low Voltage Bifurcation and Network Improvements in Dansoman and Kaneshie.
 - ii. Construction of a BSP in Kasoa.

Environment, Social, Health and Safety (ESHS) Consultant for Infrastructure Activities under the EFOT Project

- ESHS Risk Matrix and Management Plans have been completed for the following activities:
 - i. Construction of Primary Substations and associated Interconnecting and Offloading Circuits at Kotobabi, Korle Gonno, Kanda and UGMC.
 - ii. Installation of HVDS and Security lighting in selected Markets and Economic Enclaves (MEEs) in Accra and Tamale under the Access Project.

Environmental Assessment (EA) Permits for Infrastructure activities under the Access, EFOT and the Energy Efficiency and Demand Side Management Projects

- MiDA secured EA permits from the Environmental Protection Agency (EPA) for the following Activities:
 - i. Installation of HVDS and Security lighting in selected Markets and Economic Enclaves in Accra and Tamale under the Access Project.
 - ii. Installation of Low Voltage Bifurcation and Network Improvements in Achimota, Dansoman and Kaneshie under the EFOT Project.
 - iii. Street Lighting Activity under the Energy Efficiency and Demand Side Management Project.

Development of a Resettlement Action Plan (RAP) for the Construction of the Kasoa BSP

- MiDA has developed a RAP for the construction of the Kasoa BSP. The identified Project Affected Persons (PAPs) have been compensated by cash.

Obtained License Agreement for the construction of the PSS at UGMC

- MiDA has secured licensed agreement from the University of Ghana for ECG to construct the University of Ghana Medical Center Primary Substation.

Stakeholder Engagement for the AgDevCo Connection Project

- MiDA facilitated a Stakeholder Engagement in the Kintampo Municipal area on June 27, 2019 in preparation for the commencement of the AgDevCo Project. Stakeholders who participated in the event included the Municipal Chief Executive of the Kintampo Municipal Assembly, Traditional Authorities in the Project Areas, Assemblymen/women in the Project Areas, Department of Feeder Roads and the Program Management Consultant for MiDA, SMEC. The objective of the event was to formally introduce the Project to the Stakeholders, seek their inputs and concerns, and assure them of measures to address issues of concern and to introduce SMEC as MiDA's representative for the Project on the ground.

2.2.5 Gender and Social Inclusion

Gender and Social Inclusion (GSI) in MiDA is aimed at ensuring a Gender responsive and socially inclusive Electricity service delivery and enhancing the quality of Gender and Gender responsiveness in MiDA.

In addition to assisting the various Project and Cross-cutting Units within MiDA to incorporate GSI issues in their TORs and Project Deliverables, the GSI Activities in the period covered the following:

This report provides a summary of activities undertaken by the Gender and Social Inclusion Directorate.

Internship and Mentoring Program

- Continued engagement with Implementing Entities (IEs) and other Public and Private Energy Sector Organizations to request Internship slots for the 2019 Internship and Mentoring Program.
- Identified new Public Tertiary and Second Cycle Institutions for participation in the Internship and Mentoring Program. The Institutions are:
 - i. Traditional Universities: University of Energy and Natural Resources (UENR);
 - ii. Technical Universities: Cape Coast Technical University, Sunyani Technical University, Takoradi Technical University; and
 - iii. Technical Institutes: Takoradi Technical Institute, Sunyani Technical University, Kpandu Technical Institute, Tamale Technical Institute, Dabokpa Technical Institute (NR), Krobea Technical Institute.
- Additional Mentors were added to work with Mathematics, Statistics and other non-Engineering Interns.
- As part of efforts to increase awareness on the Ghana Power Compact Internship and Mentoring Program (GPCIMP) and get Female Students to apply for the 2019 Program, the GSI team embarked on an Outreach to eight Public Universities with high Female enrollment in STEM courses. The outreach was carried out from March 11- 22, 2019 in the following institutions:
 - i. Accra Technical University, Accra
 - ii. Koforidua Technical University, Koforidua
 - iii. Kumasi Technical University, Kumasi
 - iv. Kwame Nkrumah University of Science and Technology (KNUST)
 - v. Sunyani Technical University, Sunyani
 - vi. University of Energy and Natural Resources (UENR)
 - vii. Takoradi Technical University, Takoradi
 - viii. University of Mines and Technology (UMaT), Tarkwa.

As at March 29, 2019 when the period for submission closed, 350 applications had been received out of which 230 were selected for the next level of the selection process. As at the end of June 2019, 202 Applicants had been successfully placed and matched with their respective Organizations.

Commemoration of 2019 International Women's Day

- MiDA conducted Media Activities to commemorate the 2019 International Women's Day on the theme "**#BalanceforBetter**". The Media Outreach included a short Video on Ghana Power Compact Internship & Mentoring Program (GPCIMP), Posters on **#BalanceforBetter** Campaign and Feature Articles on how MiDA is promoting Gender Equality and Women's Empowerment.

Participation in Women in Engineering (WINE) 20th Anniversary the Launch

- MiDA participated in the Launch of the 20th Anniversary Celebration of Women in Engineering (WINE) held on March 27 at Akosombo. The Launch was part of the Opening Ceremony of the Annual Engineering Week Celebration of the Ghana Institution of Engineering (GhIE). WINE collaborates with MiDA on the Internship and Mentoring Program.

PDS Gender Audit/Gender Policy and Institutional Strengthening Consultancy

- Gender and Social Inclusion Awareness Training for PDS Management and Staff during the Second Quarter.

2.3 MONITORING AND EVALUATION

The following M&E activities were carried out in the Period.

M&E Plan

- Held various Meetings with Stakeholders, including MiDA Project Teams, PDS and MCC M&E, to advance the process of revising the Compact M&E Plan for Version 3 since Compact Entry-into-Force (EIF).

Capacity Building

- Organized M&E Training Workshops for Field Staff, Managers, General Managers and Directors of IEs that provide Data for the Indicator Tracking Table, as part of the DQA Consultancy. ECG/PDS, EC and GRIDCo participated in the Workshops.

Projects Design and Implementation

- Reviewed and provided comments on the following Consultants' Deliverables under the EEDSM Project to ensure compliance with M&E requirements:
 - i. Pre-Tertiary School Curriculum update on Energy Efficiency & Conservation Inception Report
 - ii. Field Metering and Monitoring Studies (FMMS) Detailed Design and Operational Plan

- iii. The Operational Procedures and Training; Questionnaire for Sustainable Energy Services Centres (SESCs); and Draft Instrument for the Pre-Tertiary School Curriculum Update Consultancy.
- iv. Report on Sustainable Energy Market Strategies and Tools, and Report on KPIs for Sustainable Energy in relation to the Sustainable Energy Services Centres (SESCs).
- v. Sustainable Energy Course Development Syllabi
- vi. Knowledge, Attitudes and Practices (KAPs) Baseline Survey Report on Energy Efficiency and Conservation (EEC) in 60 Pre-Tertiary Schools in Ghana.
- Reviewed the SGIP Assessment Report on MiDA.
 - i.

Evaluations

- Commenced review of the Ghana Power Compact Evaluation Design Reports prepared by Mathematica Policy Research (MPR) and the University of California-Berkeley (UCB) respectively.

Reporting of Results

- The Base Contract Phase of the Data Quality Audit (DQA) Consultancy closed on February 28, 2019, with the submission of the Final DQA Report.
- Finalized Compact Quarter 11 Indicator Tracking Table (ITT) as part of the June 10, 2019 QDRP submission.

2.4 COMMUNICATIONS AND OUTREACH

The focus of Communications and Outreach during the Period was to ensure wide publicity and accurate reportage on the Compact Project and Cross cutting Unit activities. The details are provided below.

Support to Projects and Cross Cutting Activities

- In collaboration with the Procurement Unit, the Communication Team organized Procurement Outreaches to Trade Associations in the reporting Period. with the aim of sensitizing members of the Trade Associations on the Compact's Procurement processes and encourage more local participation in the submission of Bids for various Compact Project Activities. In this regard, Letters were written to four Associations, namely Association of Ghana Industries (AGI), Private Enterprise Federation (PEF), Ghana National Chamber of Commerce (GNCC) and the American Chamber of Commerce (AmCHAM). The AGI and AmCHAM responded to the requests, hence Outreaches were undertaken to these Associations in January 2019 and March 2019 respectively. Over 200 Members in total were reached.
- A one-minute Video was produced for the Gender Unit to support publicizing the Internship and Mentoring Program.

- Worked with the GSI Unit, as part of its Internship and Mentoring Program, to plan and organize Orientation Workshops in Kumasi (June 3-4) and Accra (June 10-11, June 17-18 and Kumasi in June 20-21) ahead of the 2019 Intern placements. The Communication Unit was also involved in designing branded apparel and arranged visual and Media coverage.
- For this year's commemoration of the International Women's Day (IWD), the MiDA organized a photoshoot of selected Staff and designed visuals reflecting the Theme for the celebration "*Balance for Better*". There were three Media Interviews (two Print and one Television).
- MiDA collaborated with Officials of the PDS, Ministry of Information and Multiple Concepts, the Communication Agency for PDS, to organize the Handover Ceremony of ECG to PDS.
- Worked with the Pokuase BSP Team to plan and execute a successful and well-attended groundbreaking ceremony for the Pokuase BSP Project held on April 30, 2019.
- Supported the EEDSM Team by facilitating (and participating) Workshops on their Activities, as well supporting them with photography. The Unit also designed T-Shirts to be used by Enumerators for the Listing and Field Survey being carried out under the Development and Enforcement of Standards and Labels Activity.
- Distributed a Press Release announcing the visit of the Vice President of the Millennium Challenge Corporation (MCC) and her team to Ghana and the discussions between H.E. Dr Mahamudu Bawumia, Vice President of Ghana and the US Delegation on the possibility of Ghana benefiting from a Regional Compact.

Media and Publicity

- The Unit implemented a Social Media Campaign to support MiDA's Outdoor Visibility Campaign. The one-week long Campaign on MiDA's Social Media handles (Twitter and Facebook) and through Staff WhatsApp Platforms reached an estimated 5,000 people.
- Thirteen (13) Billboards were mounted at strategic Locations in Accra and Tema to carry messages that reflect the various Projects and Activities under the Compact Program.

MiDA Newsletter

- Volume 3 Issue 1 of the MiDA Newsletter was published. The compilation of Volume 3 Issue 2 has been completed, and the publication processes have commenced.

Website Activity

- The MiDA Website continued to record increased visits. The Site recorded a 13.3 percent growth in visits in the January-March 2019 Quarter. Cumulatively, a total of 80,140 visits have been recorded thus far compared to 70,735 visit at the end of the previous Quarter. A total of 86,022 visits have been recorded as at the end of June 2019.
- The MiDA website was remodeled to include the lists and profiles of Board Members and their Alternates.

PART THREE: CHALLENGES

3.1 CRITICAL ISSUES

MiDA relies on the support of Beneficiary Institutions in developing Procurement Specifications and reviewing Deliverables within specific Timelines. The support of PDS, particularly with regards to providing prompt responses to requests, is critical to the smooth implementation of the ECG Financial and Operational Turnaround Project.

The support of Staff of the Implementing Entities, particularly PDS and Energy Commission, is necessary for the success of the Compact. MiDA needs to continue to work with Government and the Leadership of the Workers Union to ensure the smooth implementation of the Compact Activities.

3.2 PROJECT-SPECIFIC CHALLENGES

3.2.1 Distribution Projects Challenges

The challenges that have hindered the achievement of Targets in relation to the EFOT Project are as follows:

- Potential delay in RAP development and implementation and acquisition of Right-of-Way for Medium Voltage (MV) and Low Voltage (LV) Circuits as the Circuits Routes are mainly through densely populated and unplanned areas in Accra.
- Long Land acquisition process for Sub-stations has delayed commencement of Designs and will ultimately delay Project implementation.
- Earthworks at the Pokuase BSP Site is likely to delay due to the current rainy season.
- The on-going Pokuase Interchange Road Construction could have impact on the ICC activities.

Given that the NFOT Project was de-scoped from the Compact, it was not clear if NEDCo would support the Access Project implementation in Tamale. However, at the instance of MiDA, the Tamale Metropolitan Assembly has obtained NEDCo's commitment to support the Project.

3.2.2 Generation Projects Challenges

The Field Metering and Monitoring Studies (FMMS) Consultancy Services to measure Energy consumption on various Appliances in a sample of 1,000 Households is currently on-hold because of the delays in purchasing the Metering Equipment as a result of higher Budgets proposed by successful Bidders.

Delays by Stakeholders in the review of Deliverables from Consultant under the Regulatory Partnership Programme (RPP) will further adversely impact on the Timelines.

PART FOUR: FORWARD LOOK FOR THE THIRD QUARTER OF 2019

The following have been planned for completion in the next Quarter, July-September 2019.

a) EFOT Project

Technical Loss Reduction

LV Bifurcation

- Sign the Works Order Contracts with the Three (3) Selected Contractors for the LV Bifurcation Works.
- Commence LV Bifurcation Works.

PSS

- Obtain MCC Approval on Kwabenya, Legon, and Dodowa Works Orders
- Launch IFB for the additional Primary Substations and Interconnecting Circuits.

Pokuase BSP

- Substation
 - Approve Designs (Electrical, Electro-mechanical, & Communication), Drawings and Type Test Reports.
 - Commence Civil Works for GRIDCo and PDS Control Building.
 - Confirmed Factory Acceptance Test dates for 15nos Plant and Equipment for GRIDCo and PDS.
- Interconnecting Circuits
 - Obtain MCC Approval for the Combined Technical & Financial Evaluation Report.
 - Sign Contract signed with the selected Bidder.

Kasoa BSP

- Receive Bids by August 23, 2019.
- Complete Land Acquisition processes by August 26, 2019.
- Submit Technical Evaluation Report to MCC by September 26, 2019.
- Commence processes towards acquisition of Building Permits

Commercial Loss Reduction

- Obtain MCC "No Objection" for the AMI Metering at Critical Distribution Network Nodes.

b) Regulatory Strengthening and Capacity Building Project

- Obtain the Final Inception Report and the Final Capacity & Skills Gap Analysis from NARUC by the end of August 2019.
- Obtain Final Report on Organization & Structuring of Partnership by September 30, 2019.

c) Access Project

Customer Outreach Activity

- Sign Contract with Innovative Services Limited, the selected Consultant for the Customer Outreach, Normalization and Facilitation Assistance Services by July 31, 2019.
- Commence Contract implementation by September 30, 2019.

Institutional Assessment Activity

- Launch procurement of Consultancy services for the Institutional Assessment and Engagement for Security Lights Sustainability by August 5, 2019.

HVDS and Street Lights Activity

- Receive Bids from prospective Contractor(s) and Finalize Bid Evaluated Price (BEP) by August 2, 2019 and September 2, 2019 respectively.
- Obtain MCC “No-Objection” to the BEP by September 13, 2019, and commence Negotiations on Contracts with selected Contractor(s) by September 30, 2019.

d) EEDSM Project

- Complete the adoption and gazetting of Standards for Lot 4 Electrical Appliances (Blender, Electric water heater, Rice cooker and Kettle).
- Launch the Expression of Interest (EOI) for Design-Build Contractor for AC Test Laboratory Building.
- Issue Request for Information (RFI) for Design-Build Contractor for the AC Test Laboratory.
- Issue RFI for Design-Build Contractor for Additional Test Facilities for electrical appliances in existing Laboratories at GSA.
- Conduct Investment Grade Energy Audits (IGEAs) of two (2) replacement Buildings for already selected buildings at KBTH.
- Complete “Needs Assessment on EEC updates in 30 selected Pre-Tertiary schools across the three geographical zones - southern, middle and northern Ghana.
- Sign three (3) Works Contracts for Street Lights Replacements on Road Corridors in the ECG Accra East and West Regions in August 2019.

APPENDIX 1: RESULTS MATRIX

PLANNED PROGRAMMES	ACTIVITIES	EXPECTED OUTPUT(S)	TARGET FOR 2019	START DATE	END DATE	ACTUAL RESULTS AS AT JUNE 2019	CHALLENGES	STRATEGIES
Investment Promotion Management: ECG Financial and Operational Turnaround Investment Promotion Management: Energy Efficiency and Demand-Side management	Modernizing Utility Operations (ECG)	GIS-based distribution management system in place - ECG		30/Jun/2017	24/Dec/2019	Implementation Ongoing	Delays in the Procurement and subsequent Bid Challenge slowed down process	Tasks being done concurrently to expedite activities.
		Enterprise Resource Planning System in place - ECG	N/A	22/Mar/2018	3/Jun/2021	Implementation Ongoing	None, Activity on track	Consultancy services to undertake assessment of ECG systems ongoing
		Kilometers of distribution lines upgraded or built - ECG	2050	25/Aug/17	3/Mar/2020	Implementation Ongoing	Targets are not expected to be achieved as a result of delays in agreeing on selected Districts for Bifurcation	IDIQ Procurement Strategy adopted to minimize delays. Contracts have been signed with three Contractors who are awaiting Works Orders. Works Orders are expected to be issued by September 30, 2019.
		Distribution substation capacity added - ECG	750					
		Number of capacitor banks installed at primary substations/ lines - ECG	0	25/Aug/2020	2/Jun/2021	0	Delays in the Procurement and subsequent bid challenge slowed down process	Tasks being done concurrently to expedite activities.
		Number of Bulk supply points (BSPs) - ECG	0	14/Jan/2019	30/Sep/2020	0	None, Activity on track	Contract for Pokuase BSP has been awarded. Ground Breaking Ceremony took place on April 30, 2019. Bids for Kasoa BSP are expected by August 23, 2019.
		No. of Interconnecting sub-transmission links - ECG	TBD	19/Mar/2019	25/Jul/2020	0	None, Activity on track	

PLANNED PROGRAMMES	ACTIVITIES	EXPECTED OUTPUT(S)	TARGET FOR 2019	START DATE	END DATE	ACTUAL RESULTS AS AT JUNE 2019	CHALLENGES	STRATEGIES
		Number of medium voltage offloading circuits - ECG	TBD	19/Mar/2019	25/Jul/2020	0	None, Activity on track	
	ECG Commercial Loss Reduction	Number of automated reading meters - ECG	1050	30/Aug/2019	10/Feb/2021	0	Change in implementation strategy has shifted this activity to 2019	
		Outage management system in place - ECG	N/A	15/Nov/2017	24/Nov/2020	Implementation Ongoing	None, Activity on track	Contract for Outage Management System was signed on July 4, 2018.
	Tariff Review and Regulatory Activity	Cost-reflective tariff regime	TBD	15 June 2015	01/Feb/2021	Implementation Ongoing	Measurement of Indicator will require independent Third Party estimation of Long Run Marginal Cost (LRMC).	Possibly engage a Consultant to estimate LRMC.
	Development and Enforcement of Standards and Labels	Number of products with standards developed and passed	5	Sep 2016	Dec 2020	0	Initial procurement method for a consultant to draft the Legislative Instruments (LIs) to enforce new electrical appliances standards changed after several months of deliberations with MCC.	Drafted LIs to be sent to Parliament for approval in bulk instead of the initial plan to send in succession.
		Number of appliance test labs established	2	Aug 2017	Jul 2021	0	First procurement could not secure a successful Bidder because they seem to lack requisite expertise.	MCC to assist to find potential Bidders with the requisite expertise.
	DSM Infrastructure	Number of energy saving streetlights	6,000	Mar 2017	Feb 2021	0	Delays in procuring Contractors for works.	Increase the number of Lots so as to engage more Contractors concurrently.

N/A Not applicable
TBD: To be determined