



MILLENNIUM DEVELOPMENT AUTHORITY (MiDA)

GHANA COMPACT II

January - March 2019 Performance Report

Ghana Compact II Theme

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

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GLOSSARY OF ABBREVIATIONS

AG	Attorney General
AMI	Advance Metering Infrastructure
BCS	Bid Challenge System
CAP-Scan	Capacity Scan
CIF	Compact Implementation Funding
CP	Condition Precedent
DCCN	Data Centre & Communication Network (DCCN) Consultancy
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	Environment Safety and Impact Assessment
GIS	Geographic Information System
GoG	Government of Ghana
GSA	Ghana Standards Authority
GSI	Gender and Social Inclusion
HSESCA	Health Safety Environment Social Capacity Assessment
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
MMS	Metering Management System
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 Utility Commissioners
NEDCo	Northern Electricity Distribution Company Ltd
NFOT	NEDCo Financial and Operational Turnaround
PAP	Prioritized Action Plan
PDS	Power Distribution Services

PIA	Program Implementation Agreement
PMC	Program Management Consultant
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
RFTOPs	Request for Task Order Proposals
RPP	Regulatory Partnership Program
SGIP	Social and Gender Integration Plan
SoW	Statement of Works
STEM	Science Technology Engineering and Mathematics
TA	Technical Assistant
TOR	Terms of Reference
TP	Tariff Plan
TVET	Technical and Vocational Education Training
VRA	Volta River Authority

PART ONE: EXECUTIVE SUMMARY

A. Introduction

This Report covers Program performance for the period from January 1 to March 31, 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 Quarter under review, MiDA made progress on a number of Procurements for Consultancy Services as well as Works. Expected support from Implementing Entities was forthcoming, and there was good progress in the procurement of Service Providers and in the implementation of Contracts that have already been awarded.

B. Highlights of January-March 2019 Achievements

During the reporting period, MiDA achieved significant milestones. Below is a summary of 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 Stations.
- Signed Contract for the construction of the Kotobabi Police Station Fence Wall.
- Issued Letter of Acceptance for the Pokuase Bulk Supply Point (BSP) Project.
- Launched the Bid Document for the Pokuase Interconnecting Circuits was launched.

Access Project

- Issued Request for Proposals (RfP) on Customer Outreach, Facilitation Assistance and Normalization of Services.

Regulatory Strengthening and Capacity Building Project

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

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 Consultancy Contract for the setting-up of two (2) Energy Auditing Centers.
- Issued Invitation for Bids (IFB) on the Street Lights Replacement Works Phase 1 and held Pre-bid Conference.

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.

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.

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.

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 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 Quarter, the 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 Quarterly 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 were signed in the First Quarter of 2019 as indicated in Table 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	

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 Quarter Progress
EFOT Project		
Modernizing ECG Operations	Geographic Information System (GIS)	<p>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.</p> <p>Some selected Power Distribution Services (PDS) Staff went through Train-the-Trainer on the Mobile Applications, including the GT Viewer.</p>
	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 carried out and completed in March 2019. The Evaluation Report was subsequently submitted to MCC.
	Enterprise Resource Planning (ERP)	The ERP Technical Specification Document was completed during the Quarter.
Commercial Loss Reduction	Replacement of Legacy Meters with Prepayment Meters and Normalization of Service Connections	<p>Siemens (the Contractor) resubmitted Performance Security and Advance Payment Guarantee for the Contract on March 8, 2019.</p> <p>The MMS Contract was signed on March 25, 2019.</p>
	Installation of Pre-Payment Meters (PPM) in Kaneshie District & AMR Meters at Critical Distribution Network Nodes	<p>Installation of Prepayment Meters in Kaneshie District was awaiting the deployment of MMS in order to finalize PPM specifications.</p> <p>Installation of Advanced Metering Infrastructure (AMI) at PDS Regional & District Boundaries and Distribution Transformers, was also awaiting the deployment of MMS to finalize the AMI specifications.</p>
	Construction of Korle-Gonno, Kotobabi & Kanda & Legon	Following the issuance of MCC Technical No Objection for the four Primary Substations, MiDA Procurement proceeded to prepare the Draft IFB.

Activity	Sub-Activity	Current Quarter Progress
	Primary Substations & Interconnecting Circuits	<p>The IFB 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>Comments on the Interconnecting Circuits, were received from MCC/WSP on March 26, 2019. SMEC is in the process of addressing the review comments from MCC/ WSP and will submit the final Technical Document on April 4, 2019.</p>
	Construction of Pokuase Bulk Supply Point & Interconnecting Circuits	<p>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.</p> <p>The Bidding Documents for the Interconnecting Circuits were finalized and submitted to MCC for a “No Objection” on February 25, 2019. The Bid Document was launched on March 11, 2019. 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>
	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>SMEC submitted Revised Designs incorporating PDS and GRIDCo comments on March 14, 2019.</p>
Outage Reduction	Installation of Outage Management System (OMS)	MiDA performed an Organizational Readiness Assessment 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	ECG (now 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.

Activity	Sub-Activity	Current Quarter Progress
	Enclaves (M&EEs)	<p>Design Review Meeting on the HVDS and Security Lighting 100% Engineering Designs and Specification was held on February 6, 2019 among the Design Consultant, PDS and other Stakeholders.</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>
	Security Lighting in Markets M&EEs	
Social Inclusiveness and Improved Partnerships	Customer Outreach, Facilitation Assistance for new connections and Normalization of Services	The RfP for the Customer Outreach, Facilitation Assistance and Normalization of Services was issued on March 25, 2019.

3.2.2 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 the RSCB and the EEDSM Projects.

Status and Progress of Ongoing Program Activities, Generation Projects

Activity	Sub-Activity	Current Quarter Progress
Regulatory Strengthening & Capacity Building Project		
Tariff Review and Regulatory Activity	Tariff Study and Tariff Plan	Contract for RPP was signed on March 15, 2019.
Energy Efficiency & Demand-Side Management (EEDSM) Project		
Development and Enforcement	Development of Standards and Labels	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

Activity	Sub-Activity	Current Quarter Progress
of Standards and Labels		for adoption of Standards for Lot 4 Electrical Appliances (i.e. Blender, Electric Water Heater, Rice Cooker and Kettle).
	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.
	Construction & Installation of Additional Test Laboratories	<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>
	Field Metering and Monitoring Studies (FMMS)	<p>Bidding Document for Metering Equipment for the FMMS was issued on Jan 7, 2019.</p> <p>Awaiting MiDA Board Approval for Revised Budget; the Budget in the Procurement Plan exceeded what was presented by each of the two (2) Successful Bidders.</p>
Improved Energy Auditing	Race to Retrofit and Renewables (RTRR)	<p>The Investment Grade Energy Audit (IGEA) and Voltage Optimization Study Reports on the Ghana Education Service (GES) Building were approved.</p> <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>

Activity	Sub-Activity	Current Quarter Progress
	Setting Up of Sustainable Energy Services Centers (SESCs)	Signed Consultancy Contract for the “Setting-up of two (2) Energy Auditing Centers” on January 28, 2019. Services commenced on March 11, 2019.
Education & Public Information	Update of Pre-Tertiary School Curriculum on Energy Efficiency and Conservation (EEC)	Worked with the National Council for Curriculum and Assessment (NaCCA) and GES to update Primary-level Pre-Tertiary Curricula on EEC. Commenced Pupil and Student Knowledge, Attitude and Practices (KAPs) Survey on EEC for 60 Schools on March 11, 2019.
Demand-Side Management	Street Lighting	Finalized Invitation for Bids (IFB) Document for Street Lighting Replacement Works on Jan 31, 2019. Received MCC “No Objection” on Feb 6, 2019, and issued IFB Document on Feb 11, 2019. Held Pre-bid Conference for Street Lighting Replacement Works on Mar 12, 2019.

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 Quarter:

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, close to the UGMC 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 for the construction of additional Primary Substations under the ECG Financial and Operational Turnaround (EFOT) Project. The Lands are located at Katamanso, Oyarifa and Dunkonnah.
- 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 identified parcels of Land in Kasoa for the construction of a BSP under the EFOT Project. The total Land area is 2.251 acres.
- MiDA has identified, engaged and reached agreements with the Land Owners to acquire the Land for the Project.

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 in Accra and Tamale – 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 (Access Project).
 - ii. Installation of Low Voltage Bifurcation and Network Improvements in Achimota, Dansoman and Kaneshie (EFOT Project).
 - iii. Street Lighting Activity (Energy Efficiency and Demand Side Management Project).

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 Quarter covered the following:

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

Internship 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 schools:
 - 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. The remaining applications did not meet the Eligibility Criteria, as some Applicants were Male

Students pursuing STEM courses, Female Students pursuing non-STEM courses, and Graduates seeking employment.

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 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.

2.3 MONITORING AND EVALUATION

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

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 to ensure compliance with M&E requirements:
 - i. Pre-Tertiary School Curriculum update on Energy Efficiency & Conservation Inception Report
 - ii. SGIP Assessment Report on MiDA.
 - iii. Field Metering and Monitoring Studies (FMMS) Detailed Design and Operational Plan
 - iv. The Operational Procedures and Training; Questionnaire for Sustainable Energy Services Centres (SESCs); and Draft Instrument for the Pre-Tertiary School Curriculum Update Consultancy.
 - v. Report on Sustainable Energy Market Strategies and Tools, and Report on KPIs for Sustainable Energy in relation to the Sustainable Energy Services Centres (SESCs).

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.
- The Terms of Reference (TOR) for the Sole Source Procurement of University of California-Berkeley to deploy the GridWatch App to support the real-time detection of power outages in Accra was finalized. The Request for Proposal (RFP) was issued on March 26, 2019.

2.4 COMMUNICATIONS AND OUTREACH

The focus of Communications and Outreach during the Quarter 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 Quarter. The Outreach Activities were aimed at 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) requesting for Meetings to present the prevailing General Procurement Notice (GPN 11) to the members. 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.
- 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.

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, within a two-week period, carrying messages that reflect the various Projects and Activities under the Compact Program.

MiDA Newsletter

- The compilation of Volume 3 Issue 2 of the MiDA Newsletter has been completed. 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 reporting 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.

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:

- Delay in acquiring Lands for the Dunkonah Substation has held up commencement of Designs.
- Increased Completion Risks for Kasoa BSP; the Dunkonah, Katamanso and Oyarifa Substations; and LV Bifurcation and Network Improvement Activities.
- 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.

3.2.2 Generation Projects Challenges

The FMMS Consultancy Services Survey for 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.

PART FOUR: FORWARD LOOK FOR THE SECOND QUARTER OF 2019

The following have been planned for completion by the end of next Quarter (i.e. June 2019).

Procurement

- Procure Utility Vehicles for PDS.
- Procure Operational Equipment for PDS.
- Construct eight (8) Two-Bedroom Flats at various Locations in Accra for Project Affected Persons (PAPs).
- Construct Two-Bedroom House at Asadame in the Volta Region, for a Project Affected Person (PAP).

EFOT Project

- Commence main Data Migration for all Districts.
- Complete Aerial Imaging of the whole of Accra under the GIS Activity.
- Commence construction of the Pokuase BSP.
- Award Contract for the Pokuse Interconnecting Circuits.
- Launch Bids for the Kasoa BSP and Interconnecting Circuits.
- Commence implementation of the MMS Contract.

Access Project

- Launch Bids for the HVDS and Security Lighting by May 10, 2019.
- Complete Technical Evaluation of Proposals for the Consultancy Services on Customer Outreach, Facilitation Assistance and Normalization of Services by June 24,.

RSCB Project

- Commence implementation of Regulatory Partnership Program (RPP).

EEDSM Project

- Complete Business and Operational Plans for the Additional Test Laboratories.
- Launch RFPs for a Design-Build Contractor for AC Test Laboratory and Building; and for Design-Build Contractor for the installation of Additional Test Laboratories.
- Sign Contract and obtain Metering Equipment for Household Survey under the FMMS Consultancy Services.
- Commence Consultancy Services on drafting of LIs to enforce implementation of Standards and Labels for selected Electrical Appliances.
- Finalize Reports on Structural Integrity Study on all Roofs and Car Parks for Buildings of seven (7) Government of Ghana (GOG) Institutions under the RTRR Program.
- Sign Contracts with successful Bidders for RTRR Program Works Phase 1.
- Complete Pupil and Student KAP Surveys on EEC for 60 Schools and obtain Final Report.
- Commence Needs Assessment on Energy Efficiency and Conservation (EEC) updates in 30 Intervention Schools.
- Receive Tender Documents from Prospective Bidders for Street Lighting Replacement Works.

Gender and Social Inclusion

- Conduct screening and selection of Applicants for the 2019 Internship Program.
- Continue with the drafting and review of MOUs for the Employers, Education Institutions and the Mentoring Organizations.
- Conduct a Training Workshop on the PDS GSI Policy and Gender Action Plan for PDS Management and Staff.
- Continue to work with Project and Cross-cutting Teams to strengthen the integration of Gender and Social Inclusion in their TORs, Consultants' Deliverables and other Project Activities.
- Monitor compliance with GSI requirements in Project Activities.
- Provide GSI Orientation for Consultants and Contractors working with Project Teams.

Environment and Social Performance

- Award Task Orders for Resettlement and Community Engagement Services for Infrastructure Activities under the EFOT Project.
- Award Task Orders for Resettlement and Community engagement services for Infrastructure. Activities under the NFOT Project.
- Award Task Orders for ESHS Services for Infrastructure activities under EFOT and NFOT Projects.
- Implement Resettlement Action Plan (RAP) for affected Properties at the Pokuase BSP Site.
- Grant the Pokuase BSP Works Contractor access to the Pokuase BSP Site.
- Acquire the identified Lands in Dunkonnah, Kasoa and Oyarifa for the additional Infrastructure Projects.

Monitoring and Evaluation

- Review Deliverables of Project Consultants to ensure M&E compliance.
- Review the Evaluation Design Report for the GridWatch Evaluation.
- Develop follow-up Training with PDS to address issues that have been identified by the DQA Consultant.
- Work with the Gender and Social Inclusion (GSI) Team to finalize Indicators for its Internship Program.
- Commence the deployment of the Suite of GridWatch Technologies for real-time detection of Power Outages in Accra.

Communications and Outreach

- Embark on Procurement and other Outreach Activities.
- Implement the Outdoor Visibility Campaign.
- Increased Media Publicity on Compact Project Activities.
- Publish and distribute Volume 3 Issue 1 of MiDA News.

APPENDIX 1: RESULTS MATRIX

PLANNED PROGRAMMES	ACTIVITIES	EXPECTED OUTPUT(S)	TARGET FOR 2018	START DATE	END DATE	ACTUAL RESULTS AS AT 31-MAR-2019	CHALLENGES	STRATEGIES	
Investment Promotion Management: ECG Financial and Operational Turnaround	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	
	Technical Loss Reduction	Kilometers of distribution lines upgraded or built - ECG	2050	750	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	Procurement process for the LV Bifurcation yet to be finalized.
		Distribution substation capacity added - ECG							
		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	Procurement for Supply and Installation of this activity launched on July, 5, 2018.	
		No. of Interconnecting sub-transmission links - ECG	TBD	19/Mar/2019	25/Jul/2020	0	None, Activity on track	This activity is part of Second Tranche of Compact activities (effective September 6, 2018) for the BSP for which procurement was launched in July 2018.	
		Number of medium voltage offloading circuits - ECG	TBD	19/Mar/2019	25/Jul/2020	0	None, Activity on track		

PLANNED PROGRAMMES	ACTIVITIES	EXPECTED OUTPUT(S)	TARGET FOR 2018	START DATE	END DATE	ACTUAL RESULTS AS AT 31-MAR-2019	CHALLENGES	STRATEGIES
	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.
Investment Promotion Management: Regulatory Strengthening and Capacity Building	Sector Performance Monitoring Capacity Building Activity	Capacity Needs Assessment	TBD	20 Oct 2015	15/Mar/2018	Implementation Ongoing	Decision on implementation of Prioritize Action Plan (PAP) as per TORs developed yet to be crystalized	Finalize decision on way forward for implementation of PAP
	Tariff Review and Regulatory Activity	Cost-reflective tariff regime	TBD	15 June 2015	01/Feb/2021	Implementation Ongoing		
Investment Promotion Management: Energy Efficiency and Demand-Side management	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.

*The operations of the Electricity Company of Ghana (ECG) was handed over to Power Distribution Services (PDS) on March 1, 2019 under a Concession Agreement

N/A: Not applicable

TBD: To be determined