



# **MILLENNIUM DEVELOPMENT AUTHORITY (MiDA)**

## **GHANA COMPACT II**

### **Jan-Mar 2020 Performance Report**

**April 2020**

#### **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
DCCN	Data Center and Communication Network
DMS	Document Management System
ECG	Electricity Company of Ghana Ltd
EEC	Energy Efficiency and Conservation
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
GPCIMP	Ghana Power Compact Internship and Mentoring Program
GSA	Ghana Standards Authority
GSI	Gender and Social Inclusion
HSESCA	Health Safety Environment and Social Capacity Assessment
HVAC	Heating, Ventilation, and Air Conditioning
ICC	Interconnecting Circuits
IDIQ	Indefinite Delivery Indefinite Quantity
IE	Implementing Entity
IEA	Implementing Entity Agreement
IFB	Invitation for Bids
IFC	International Finance Corporation
IGEA	Investment Grade Energy Audit
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	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 Report covers Program performance for the period of January 1 to March 31, 2020, 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 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 completing the procurement of Service Providers for the Compact Activities. The implementation of Contracts that have already been awarded also progressed steadily until travel restrictions imposed by countries and Corporate Entities in the wake of the COVID-19 pandemic, slowed down implementation of Project activities. Expected support from Implementing Entities was forthcoming.

### **B. Highlights of January-March 2020 Achievements**

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

#### ***ECG Financial and Operational Turnaround (EFOT) Project***

##### *Geographic Information System (GIS)*

- Permission granted by the Ghana Civil Aviation Authority for flight to capture Aerial Imagery of the entire Accra East and West ECG Assets for the GIS Project.
- Variation Order approved to expand the Validation of ECG.

##### *Pokuase Bulk Supply Point (BSP) and Interconnecting Circuits (ICC)*

- Overall Project Progress is about 54%.
- The overall progress of the Pokuase BSP Interconnecting Circuits (ICC) is 36% complete.

##### *Kasoa BSP*

- Contract was signed with Siemens Energy SAS of France on January 16, 2020, and the Kick-off Meeting held on January 28-30, 2020.
- Key Project Management Plans submitted, i.e. Health, Safety, Environment and Social Management Plan (HSESMP), Stakeholder Engagement and Communication Management Plan, and Quality Management Plan were reviewed and approved.

### *Primary Sub-Stations & Inter-Connecting Circuits (PSS + ICC)*

- Contracts signed for the implementation of the Kanda and University of Ghana Teaching Hospital (UGTH) Primary Substations, and Interconnecting and Offloading Circuits Projects.

### *Low Voltage (LV) Bifurcation*

#### *Achimota Work Order*

- Project Documents including Environmental, Social, Health & Safety Management Plan (ESHSMP), Traffic Management Plan, Emergency Management Plan, Quality Management Plan and updated Work Plan were approved.
- MiDA, the Works Supervision Consultant (i.e. SMEC), and the Contractor completed Factory Acceptance Test (FAT) for LV DPs on March 6, 2020.
- A total of 2,800 Wood Poles (600 11-meter Poles and 2,200 9-meter Wood Poles) were planted, and 110 km AAC Conductors were strung during the Quarter.

#### *Dansoman & Kaneshie Work Order*

- Project Documents including Environmental, Social, Health & Safety Management Plan (ESHSMP), Traffic Management Plan, Emergency Management Plan, Quality Management Plan and updated Work Plan were approved.
- Construction Works commenced on February 5, 2020, with the planting of 2,000 of 9-meter Wood Poles and five (5) of 11-meter wood Poles.

#### *Mampong Work Order*

- Project Documents including Environmental, Social, Health & Safety Management Plan (ESHSMP), Traffic Management Plan, Emergency Management Plan, Quality Management Plan and updated Work Plan have been approved.
- FAT for Distribution Pillars was carried out on January 27-31, 2020.
- Construction Works commenced on February 5, 2020. To date, 1,010 Wood Poles (made up of 421 9-meter Poles and 589 11-meter Poles) have been planted.

### ***Access Project***

- Final Draft Customer Census Plan was reviewed by Stakeholders and additional comments sent to the Customer Outreach, Facilitation Assistance for Connections, and Normalization of Services (COFANS) Consultant to incorporate in the Final Plan.

### ***Regulatory Strengthening and Capacity Building Project***

- The Regulatory Partnership Program (RPP) ensured PURC's participation in the January 2020 PURC/World Bank International Training Program on Utility Regulation and Strategy, and Leadership.

### ***Energy Efficiency and Demand Side Management (EEDSM) Project***

- Completed Data Collection in Accra, Tema, Cape Coast, Sekondi-Takoradi Metropolis and Koforidua and Ho Municipals in a Nationwide Survey of Energy Consumption and Appliance Use Pattern in Ghana.
- Completed installation of Retrofits (Lighting Fixtures, Refrigerators, Air Conditioners and Ceiling Fans) and Real Time Energy Monitoring Systems in Buildings of six (6) Public Institutions – Korle Bu Teaching Hospital (KBTH), University of Ghana, Adabraka Polyclinic, Department of Urban Roads, Ministry of Health and Ministry of Education.
- Ghana’s first Course Certifications Examination Results for the Sustainable Energy Audit Professional (SEAP), Sustainable Energy Management Professional (SEMP), and Energy Audit Practical (EAP) were submitted on January 20, 2020.
- Completed Monitoring Tools Design to capture, analyze and report Data at every level of the Monitoring Chain in Energy Efficiency and Conservation (EEC) Curriculum Updates in 30 selected Pre-Tertiary Schools across the three (3) zones in Ghana.
- Reviewed and approved five (5) Specifications presented by the Street Lights Replacement Works Contractors.

### ***Environment and Social Performance***

- Implemented the Resettlement Action Plan (RAP) and Community Engagement Plans for the Infrastructure activities under the EFOT Project.
- Engaged the Services of Design and Supervision Consultant for the construction of a Block of Flats at Kanda, which is a Resettlement activity for the Kanda Primary Substation.

### ***Communications and Outreach***

- Held Media Soiree to provide updates on the rescoped Compact Program Activities after the de-obligation of US\$190 million.
- Designed and published Bi-Weekly Media Advertisements to communicate benefits of Compact Program interventions.
- Coordinated Implementing Entity (IE) Stakeholder Committee Meeting.

## **C. Challenges**

The COVID-19 pandemic and the resulting travel restrictions and, in some cases, lockdown announced by Governments has caused delays to the completion of most Project Activities in the following ways.

- Suspension of Factory Acceptance Tests,
- Suspension of Field Activities involving the presence of foreign-based and Local Consultants and Fieldworkers.
- Suspension of Capacity Building Workshops.

## **PART TWO: PLANNED SECTOR ACTIVITIES AND DELIVERY**

### **2.1 INTRODUCTION**

The Millennium Development Authority (MiDA) was established by an Act of Parliament (Act 702, 709 & 897 as amended). MiDA was established to oversee, manage and implement the Programmes under the Millennium Challenge Account for poverty reduction through economic growth as set out in each agreement between the Government of Ghana and the Millennium Challenge Corporation acting for and on behalf of the Government of the United States of America and for any other national development programme of similar nature funded by the Government of Ghana, a Development Partner or both and to provide for related matters.

The first 5-Year Millennium Challenge Compact was signed between the United States of America, acting through the Millennium Challenge Corporation (MCC) and the Government of Ghana (GoG) in August 2006. The Compact implementation started on 16<sup>th</sup> February 2007 and ended on 15<sup>th</sup> February, 2012, and utilized approximately US\$547.009m grant funds

On 5<sup>th</sup> August 2014, the second Millennium Challenge Compact (also referred to as the Ghana Power Compact) between the Republic of Ghana and the United States of America was signed.

The Power Compact Program originally 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, was contingent on meeting a number of Conditions Precedent (CPs), the principal one being Private Sector Participation (PSP) in ECG. MiDA worked with relevant GoG entities to meet the CPS. In particular, a private sector entity, Power Distribution Services Limited (PDS) was handed over the operations of ECG on March 1, 2029 under a 20-year Concession Agreement. However, GoG cancelled the Agreement because PDS did not fully comply with the requirements for the take-over. Thus, the US\$190 million Tranche II Funds are no longer available to be utilized under the Compact.

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 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).

This 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 66,142,460 were signed in the First Quarter of 2020 as indicated in the Table below.

**Contracts, Task Orders and Amendments signed in January-March 2020**

<b>Contract No.</b>	<b>Description</b>	<b>Method</b>	<b>Type</b>	<b>Organization</b>	<b>Contract Value USD</b>	<b>Contract Signed</b>
5940600	Supply and Installation of 4 PSS Interconnecting Links Lot 2	CB	W	TBEA Co Ltd	10,702,868	09/01/20
5940400	BSP Kasoia	CB	W	Siemens SAS	42,823,929	16/01/20
5940600	Supply and Installation of 4 Primary Substations Lot 2	CB	W	Eiffage	11,315,156	15/01/20
5140900-06	Design Consultant for 16 3-Bed Flats at Kanda	SSS	C	KNAK Design Partnership	226,750	29/01/20
5810500	MiDA Computers 2020	Shopping	G	ONK Group Ltd	15,700	28/02/20
5740200	Household and Enterprise Survey	QCBS	S	NORC	780,783.50	10/03/20
5610200	AC Test Facility Containment Building	CB	W	GHS Housing	277,273	27/03/20
Total Contracts Signed in January 2020 to March 2020					<b>US\$ 66,142,460</b>	

Type: CS=Consultancy Services; NCS=Non-Consultancy Services G=Goods; W=Works

**Outstanding Contract to be signed subject to receipt of GoG Counterpart Funding**

<b>Contract No.</b>	<b>Description</b>	<b>Method</b>	<b>Type</b>	<b>Organization</b>	<b>Contract Value USD</b>	<b>Contract Signed</b>
5420300	Supply and Installation of HVDS Packages 1, 2 & 3	CB	W	Intermerc Ghana Limited	5,205,701.46	<b>Contract Signing Pending</b>

Type: CS=Consultancy Services; NCS=Non-Consultancy Services G=Goods; W=Works

### 2.2.2 Distribution Projects

The Power Distribution Sector Projects consist of the ECG Financial and Operational Turnaround (EFOT) Project 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
<b>EFOT Project</b>		
Modernizing ECG Operations	Geographic Information System (GIS)	The GIS Contractor, Hexagon, completed Data Migration processes for 14 Districts.  Commenced flight for Aerial Imagery of ECG Assets in Accra East and Accra West Regions.
Technical Loss Reduction	Construction of Korle-Gonno, Kotobabi, Kanda and Legon Primary Substations & Interconnecting Circuits	<b>PSS</b> Following successful bid evaluation of Bids, MiDA negotiated and signed a Contract with Eiffage JV, France the recommended bidder for the Primary Substations Project – Lot 2 (Kanda & UGTH Legon) in Accra on January 15, 2020.  This was followed by commencement of Topographic Survey and Geotechnical Investigation for the production of Detailed Designs.  <b>PSS ICC</b> MiDA negotiated and signed a Contract with TBEA Co. Ltd, China the recommended bidder for the Primary Substations Project’s Interconnecting & Offloading circuits – Lot 2 (Kanda & UGTH Legon) in Accra on January 9, 2020.  This was followed by commencement of Surveys for the production of Detailed Designs.
	Construction of Pokuase Bulk Supply Point & Interconnecting Circuits	Overall Construction Works is about 54% complete.  The level of completion for specific activities are as follows. <ul style="list-style-type: none"> <li>• Earthworks - 99%</li> </ul>

Activity	Sub-Activity	Current Quarter Progress
		<ul style="list-style-type: none"> <li>● Equipment and Gantries Foundation - 100%</li> <li>● ECG Control Building - 35%</li> <li>● GRIDCo Control Building - 52%.</li> </ul> <p>Orders have been placed for all the major Plant and Equipment. Factory Acceptance Tests (FAT) have been carried out for the following equipment.</p> <ul style="list-style-type: none"> <li>● Transformers, 33/11 kV</li> <li>● Switchgears, 362 &amp; 36 kV CVTs, 362 &amp; 36 kV</li> <li>● Circuit Breakers</li> <li>● Capacitor Banks</li> <li>● Reactors.</li> </ul> <p>FAT for Disconnectors, which was scheduled to be conducted in Italy by a Third Party on March 23 - April 3 2020, has been suspended due to the COVID-19 Pandemic.</p> <p>Culvert Works at Accra direction of Cable Duct is 100% complete while 60% complete for Kumasi direction.</p> <p>SS &amp; AC Proto Tower manufacturing completed and DE &amp; DE 90, 60% manufacturing completed.</p> <p>FAT for Power Cables is at 85% completed; could not be completed due to COVID-19 related travel restrictions.</p>
	Construction of Kasoa Bulk Supply Point & Interconnecting Circuits	<p>Contract for the Kasoa BSP was signed with Siemens Energy SAS of France on January 16, 2020. Subsequently, a Kick-Off Meeting was held with the Contractor and other Stakeholders on January 28-30, 2020.</p> <p>The Project Site was inspected and handed over to Contractor on January 29, 2020.</p> <p>Key Project Management Plans have been submitted, reviewed and approved.</p> <p>Contractor completed work on re-routing of 33kV</p>

Activity	Sub-Activity	Current Quarter Progress
		<p>Tuba Line at Site.</p> <p>Topological and Geotechnical Surveys have been completed.</p> <p>The Project Plan has been finalized.</p> <p>The Contractor has mobilized and commenced Site activities – clearing and removal of topsoil, following approval of Layout Plans.</p> <p>Substantial progress has been made in the Design.</p>
	<p>Low Voltage Bifurcation and Network Improvements – Achimota District</p>	<p>This Activity is 53% complete. All the Project Document including Environmental, Social, Health &amp; Safety Management Plan (ESHSM),</p> <p>Traffic Management Plan, Emergency Management Plan, Quality Management Plan and updated Work Plan have been approved. Pre-construction survey activities are complete.</p> <p>Most materials and equipment including Wood Poles and installation accessories, Distribution Transformers, Cables, 120sq.mm AAC and Pole-top Accessories have been procured and delivered to site.</p> <p>Factory Acceptance Tests (FAT) for all equipment required under the contract have been completed. The most recent was the FAT for LV DPs which was completed on March 6, 2020.</p> <p>Construction Works in conjunction with RAP implementation, which commenced on 12th December 2019, have progressed steadily. To date, a total of 2,800 Wood Poles have been planted consisting of 600 11-meter Poles and 2,200 9-meter Wood Poles. Installation of pole-top accessories is in progress; approximately 110km AAC conductor have been strung.</p>
	<p>Low Voltage</p>	<p>This Activity is 32% complete.</p>

Activity	Sub-Activity	Current Quarter Progress
	Bifurcation and Network Improvements – Dansoman & Kaneshie District	<p>All the Project Documents including Environmental, Social, Health &amp; Safety Management Plan (ESHSM), Traffic Management Plan, Emergency Management Plan, Quality Management Plan and updated Work Plan have been approved.</p> <p>Pre-construction survey activities have been completed.</p> <p>Procurement of materials &amp; equipment progressed within the reporting period:</p> <ul style="list-style-type: none"> <li>• Manufacturing of 11kV Ring Main Units, LV DP, overhead line hardware and earthing materials are in progress after months of delay.</li> <li>• Manufacturing of cable termination kit, LV &amp; MV cables have been completed and awaiting shipment.</li> <li>• First Batch of 120sq.mm AAC Conductors have been delivered.</li> </ul> <p>Construction works in conjunction with RAP implementation commenced on 5th February 2020; 2,000 Wood Poles have been planted.</p>
	Low Voltage Bifurcation and Network Improvements – Mampong District	<p>Activity is 51% complete.</p> <p>All the Project Document including Environmental, Social, Health &amp; Safety Management Plan (ESHSM), Traffic Management Plan, Emergency Management Plan, Quality Management Plan and updated Work Plan have been approved.</p> <p>Pre-construction survey activities have been completed.</p> <p>Wood Poles and installation accessories, Distribution Transformers, cables 120sq.mm AAC and pole-top accessories have been procured and delivered to site. However, there are delays in the shipment of the 3rd batch of Wood Poles, some pole-top accessories and cables due to the ongoing COVID-19 pandemic.</p>

Activity	Sub-Activity	Current Quarter Progress
		<p>FAT for Distribution Pillars was carried out from January 27, to 31 2020.</p> <p>Construction works in conjunction with RAP implementation commenced on February 5, 2020, with 1010 Wood Poles consisting of 421 11-meter Poles and 589. 9-meter Poles planted.</p>
Commercial Loss Reduction	Installation of Meter Management System (MMS)	The Contractor completed purchase of all Hardware and Base Software and installation and configuration of Interfaces for Software Applications. Completed 50% of the Meter Integration into the System.
<b>Access Project</b>		
Infrastructure	High Voltage Distribution System (HVDS) & Security Lighting in Markets and Economic Enclaves (M&EEs)	The Procurement processes for this Activity was completed, and MiDA issued a Letter of Notification of Intent to Award Contract to Winning Bidder last quarter, but the process is stalled due to funding challenges.
Social Inclusiveness and Improved Partnerships	Customer Outreach, Normalization of Services, and Facilitation Assistance for new connections	The COFANS Consultant submitted a Draft Customer Census Plan for review by Stakeholders. The initial review was completed and comments shared with the Consultant. The Consultant incorporated comments and circulated for a final round of stakeholder review.

## 2.2.2 Generation Projects

Following the de-scoping of the Power Generation Sector Improvement (PGSI) Project, the Generation Sector Projects now consist of the 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 Quarter Progress
<b>Regulatory Strengthening &amp; Capacity Building Project</b>		
Tariff Review and Regulatory Activity	Tariff Study and Tariff Plan	National Association of Regulatory Utility Commissioners (NARUC) submitted their Quarter 2 (January - March 2020) Report and is under review by MiDA.
<b>Energy Efficiency &amp; Demand-Side Management (EEDSM) Project</b>		
Development and Enforcement of Standards and Labels	Development of Standards and Labels	Ghana Standards Authority (GSA) completed the adoption and gazetting of Standards for some selected Electrical Products put out for Public Comments. Receipt of comments ends on 27th March 2020.
	Legislative Instruments (LIs)	The Energy Commission approved drafted Legislative Instruments (LIs) for the enforcement of the Standards for the following and forwarded the LIs on the following to the Attorney General's department for further work <ul style="list-style-type: none"> <li>Standards Upgrade/Revision for Household Refrigerators, Household Air Conditioners,</li> <li>Standards for Household Ceiling Fans and Regulators, Household Television Sets, Household Satellite Decoders/TV Signal Boxes and Domestic/Commercial/Street Lighting.</li> </ul>
	Construction & Installation of Additional Test Laboratories	Evaluation of Bids for the Design-Build Contractor for the AC Test Laboratory Containment Building was completed on 13th February 2020.  Invitation for Bids (IFB) for a Design-Build Contractor for an AC Test Laboratory at GSA was issued on 27th January 2020, and three (3) Bids received on 27th March, 2020.



Activity	Sub-Activity	Current Quarter Progress
	Field Metering and Monitoring Studies (FMMS)	<p>Commenced Nationwide Survey of Energy Consumption and Appliance Use Pattern in Ghana Phase 1 (Accra and Tema) on 29th January 2020 and completed on 17th February 2020.</p> <p>Completed Phases 2 and 3 (Cape Coast and Sekondi-Takoradi, Koforidua and Ho) of the same Survey on 27th March 2020.</p>
Improved Energy Auditing	Race to Retrofit and Renewables (RTRR)	<p>Completed installation of retrofits (lighting fixtures, refrigerators, air conditioners, ceiling fans) and Real Time Energy Monitoring Systems (RTEMS) at six (6) public institutions - Korle Bu Teaching Hospital (KBTH), University of Ghana, Adabraka Polyclinic, Department of Urban Roads, Ministry of Health and Ministry of Education.</p> <p>Training on the use of the RTEMS for the beneficiary institutions scheduled for the Month of March had been rescheduled till further notice due to the COVID 19 outbreak.</p>
	Setting Up of Sustainable Energy Services Centers (SESCs)	<p>The process for setting-up two (2) Sustainable Energy Services Centers (SESCs) continued with the following achievements:</p> <ul style="list-style-type: none"> <li>● Ghana's 1st Course Certifications Examination Results for SEAP, SEMP, and EAP was submitted on January 20, 2020.</li> <li>● Issued a Call for Proposals (CFP) to participating Universities on 31st January 2020.</li> </ul>
Education & Public Information	Update of Pre-Tertiary School Curriculum on Energy Efficiency and Conservation (EEC)	<p>Completed "Monitoring Framework Design", i.e. tools to capture, analyze and report Data at every level of the monitoring chain on Energy Efficiency and Conservation (EEC) Curriculum Updates in 30 selected Pre-Tertiary Schools across the three (3) zones in Ghana.</p> <p>Completed the review of curriculum materials designed by the Consultant, with the National Council on Curriculum and Assessment (NaCCA) on 8th March 2020.</p>

Activity	Sub-Activity	Current Quarter Progress
Demand-Side Management	Street Lighting	<p>Reviewed and approved the following specifications as presented by the Street Lights Replacement Works Contractors: (i). Street Light Pole Design and Drawings, (ii) Design calculations (structural), (iii) Base plate and anchor bolts design (structural), (iv) Layout designs, (v) Foundation Design (structural)</p> <p>Reviewed Draft Investment Grade Energy Audit (IGEA) Reports and Safety Plans of Contractors that were received in the Quarter.</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-March 2020:

Implemented the Resettlement Action Plan (RAP) and Community Engagement Plans for the Infrastructure activities under the EFOT Project

- Worked with its resettlement and community engagement consultants to manage community engagement, outreaches and grievance management of the installation of the LV Bifurcation Projects in the Achimota, Dansoman and Kaneshie and Mampong districts. Activities carried out involved
  - i. Facilitated collaboration between the RAP consultants and the works contractors for smooth implementation of the works.
  - ii. Collaborated with the RAP consultants to carry out community town hall meetings including one at Larteh.

Monitored Contractors Health, Safety, Environment and Social Management Plans (HSESMPs) of the Infrastructure activities under the EFOT Project.

- Collaborated with its Health, Safety, Environment and Social (HSES) Consultant, SAL Consult to monitor the implementation of the HSESMPs of the Works Contracts. The objective of the monitoring and supervision of these Plans is to ensure compliance by the contractors and to avoid or minimize fatalities and accidents.
- Two quarterly HSES audits were conducted for the Pokuase BSP Project and the Achimota LV Bifurcation Project.

Engaged the Services of Design and Supervision Consultant for the construction of a 16-Unit 3-Bedroom Block of Flats at Kanda for families who will be affected by the construction of the PSS.

- MiDA has engaged the services of KNAK Design Partnership to carry out Design, assist in Procurement of the Works Contractor for the Project and supervise the construction of the Works. Designs have been finalized and preparation of tender documents have commenced.

Commenced processes to decommission Liquefied Petroleum Gas station at Kasoa

- MiDA has identified an LPG station adjacent to the site for the construction of the Kasoa BSP at Opeikuma, operations to pose risks of explosion to the construction and operation of the BSP.
- Engaged the management of the LPG station, Virgin Gas, to discuss Plans to relocate the business in order to safeguard the BSP which is a national asset.
- Engaged the RAP Consultant for the Kasoa BSP, SAL Consult to carry out the necessary valuation of the business to advise MiDA accordingly.

## **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 Compact activities. The GSI Activities in the reporting period covered the following.

Incorporation of Gender and Social Inclusive Considerations in Compact Implementation

- Provided support to Projects and Crosscutting Activities by reviewing Documents, participating in Kick-off Meetings and Workshops to ensure that Project teams and Contractors comply with Gender and Social Inclusion requirements.

Gender Audit/Gender Policy and Institutional Strengthening of ECG

- Facilitated the Strategic Planning Meeting for the ECG Gender Unit to position them as a leader in gender mainstreaming in the Energy Sector to ensure a gender-responsive and socially-inclusive Organization.
- Worked on the Draft Social and Gender Integration Plan (SGIP) Review and Update Process

Institutional Strengthening Activities

- Reports on the Proceedings of the Women in Energy Conference held during the previous Quarter, and the Strategy to Guide Female Employee Associations were finalized.
- Organized the Gender and Energy Working Group Meeting (GEWG) with participants sharing gender mainstreaming efforts in support of Compact activities and within their Organizations. MiDA GSI prepared and shared Gender

Audit Briefs with participants to aid them in the development of Terms of Reference for commissioning Gender Audit Consultants.

#### Internship and Mentoring Program

- Compiled enrollment Data from new Educational Institutions and engaged with Energy Organizations for Internship slots.
- The Call for Applications for the 2020 Internship Program was circulated to Public Universities, Technical Universities, Technical Institutes, as well as NVTI Schools.
- Workshops for Mentoring Organizations to improve their effectiveness in supporting the Ghana Power Compact Internship and Mentoring Program (GPCIMP) Interns were held in Accra and Kumasi in January.
- The Directorate also commemorated the International Women’s Day Celebrations on March 10, 2020, with panel discussions on progress and challenges faced by partner organizations in the Energy Sector. The theme for this year’s celebration was *#EachforEqual*.

#### Gender and Energy Working Group (GEWG)

- Organized the first meeting of the GEWG for the year. Key among the issues discussed were issues arising from the visit to the Implementing Entities on the integration of GSI in project activities, follow-up actions from the Women in Energy Conference as well as planning for 2020 International Women’s Day.

#### Collaboration Meeting with West Africa Energy Program (WAEP)

- Held discussions with representations of WAEP to explore areas where they can collaborate and build synergy with the MiDA GSI Programs, including activities after Compact Closure. The WAEP is part of the Power Africa Project with a duration spanning from 2019-2024.
- WAEP team expressed interest in collaborating with MiDA GSI on the Internship and Mentoring Program and the Institutionalizing Gender Activity

## 2.3 MONITORING AND EVALUATION

The following M&E activities were carried out during the period January - March 2020.

#### M&E Plan

- Commenced the Fourth Revision of the M&E Plan. This revision is largely focused on reviewing expected results due to the de-scoping of the Compact. The de-obligation of the USD 190 million Tranche 2 Funds had resulted in the de-scoping of the Compact. The reduced Compact Funds was expected to negatively impact on some of the Indicator Targets in the M&E Plan.

#### Post-Compact M&E Plan

- Commenced discussions with MCC on the modalities for developing the Post-Compact M&E Plan. The National Development Planning Commission (NDPC) has been identified as the potential Lead Agency for the implementation of the Plan. Preliminary discussions were held with the M&E Directorate of NDPC to explore the Commission's willingness to lead this.

#### Process Evaluation

- Following the signing of a Contract with PricewaterhouseCoopers (PwC)-India, the Mid-Term Evaluation (MTE) of the Compact commenced with the Kick-Meeting on January 13, 2020. The main purpose of the MTE is to assess the extent to which the Compact is being implemented as planned. The MTE, together with the End Term Evaluation (ETE), which will be carried out towards the end of the Compact period, are expected to assess the progress made by the Projects under the Compact towards achieving intended outputs.
- The Draft Inception Report for the MTE Contract was received on February 11, 2020, and the Final Inception Report, which had the comments of MiDA incorporated, was received on February 25, 2020.

#### Impact Evaluations

##### *Impact Evaluation of Technical Loss Activity of EFOT Project*

- Received from the University of California Berkeley (UCB) the Draft and Final Deployment and Testing Reports for the GridWatch Scale-Up Consultancy on February 3 and February 17, 2020 respectively.
- UCB presented a Report on the impact of COVID-19. The three largest impacts outlined relates to i) Supplier shortages, ii) Travel restrictions, and iii) Institutional restrictions on Research. This would cause them not meeting the April 13, 2020 timeline for Delivery 3(a) - *Interim Report on Deployment to Targeted Districts within Accra*. The Contract end date remains the same notwithstanding. These timelines will be reviewed periodically.
- Following actions taken to handle the Supplier delay, more than half of the required parts had been supplied, with the remaining parts expected in May.
- GridWatch Devices initially installed in Achimota, Dansoman and Kaneshie ECG Districts continued to collect Data, while awaiting deployment of additional Devices, particularly in Dansoman and Kaneshie.

##### *Impact Evaluation of the Overall Compact*

- Signed the Household and Enterprise Surveys Contract and commenced implementation with a Kick-Off Meeting (held remotely via Zoom) on March 23, 2020. The Meeting brought together MiDA M&E, MCC M&E, NORC (the Consultant) and Mathematica Policy Research (MCC-contracted Independent Evaluator); as well as the Local Partners of NORC and Mathematica. The Draft Kick-Off Meeting Notes were received from the Consultant on March 26, for review by MiDA, MCC and the Independent Evaluator.

- Obtained the Integrated Business Establishment Survey (IBES 1) Data from the Ghana Statistical Service (GSS). The Data was to facilitate sampling by the Household & Enterprise Survey Consultant.

#### Reporting of Results

- Received from the Data Quality Audit (DQA) Consultant the Inception Report for the Second Round of the Audit on January 30, 2020. The Data Collection Phase of the Audit was completed and the Data Collection Report was received on February 27, 2020.
- Submitted the Indicator Tracking Table (ITT) indicating Compact results for Quarter 14 (October-December 2019) and the Narrative Report for Quarter 15 (January-March, 2020) to MCC on March 10, 2020, as part of the Disbursement Request Package for Quarter 16 (April-June 2020).

## 2.4 COMMUNICATIONS AND OUTREACH

This Communication and Outreach activities executed within the reporting period, is presented below.

### **Development of Communications and Outreach Strategy**

The Government of Ghana's termination of the Electricity Company of Ghana (ECG) Private Sector Participation (PSP) Concession Agreement with Power Distribution Services (PDS) Ltd affected MiDA and the Compact II Program's image. Most of the media coverage on the Compact II Program had been centered on the ECG PSP processes, with little publicity on the other Project activities.

For the above reason, though the Compact II Program had been ongoing for several years, MiDA's visibility and the public's awareness of the Compact project activities were not adequate. There was the need for MiDA to step up information dissemination on its activities under the Compact Program and re-establish its image as a responsible and reliable Accountable Entity, hence the need for the development of the Compact II Communication Strategy.

The document received MiDA Board's approval and consequently became the reference document which mainly guided MiDA's communication and outreach activities. Its full implementation began on January 6, 2020. The following provides an update on the implementation of the planned activities in the Compact II Communication Strategy for the period January 6 to March 26, 2020.

The Communication Strategies, Activities and corresponding Results are presented in the Appendix.

## **Support to Projects**

*Environment and Social Performance Unit:* To aid in community engagement activities, the Communication Unit designed standard ID cards for the Resettlement Action Plan (RAP) & ESHA Consultants. The designs included the logos of the MiDA and the MCC to support the brand visibility efforts.

*Primary substation:* Supported Kick-off Meetings for the Primary Substation and Inter Connecting Circuits activities; and provided support in branding, developing and disseminating news releases to the media for publication.

*Kasoa BSP Sod-Cutting:* The Unit identified three service providers and sent out an event brief to them to submit their proposals for the management of the Kasoa BSP Sod-cutting event. The Unit was also represented at a Meeting with Siemens, Project Contractor to discuss preparations for the event. Preparations have been put on hold following the announcement of restrictions on public gatherings and other safety measures to curb the spread of the COVID-19 pandemic.

*MCC Team Visits:* There were two key visits from the MCC Team during the quarter. The first visit involved MCC Chief of Staff, Lara Smith and Emily Davis Vice President for Congressional and Public Affairs. The Communication Unit presented its strategy, supported with photography, to the team on their tour to some project sites in Accra.

*Board presentation:* At its meeting on March 10, 2020, the Unit updated the MiDA Board on progress and results from implementing the Communication Strategy they approved. The Unit also took feedback and suggestions on other activities to include in the Strategy.

## **Website Activity**

The MiDA website recorded a 4.4 percent growth in the reporting quarter. There have been 114,795 Visitors to the MiDA website since its launch in November 2015. This is an increase of 4,837 Visits from the 109,958 Visits recorded at the end of December 2019. Posts on MiDA's Facebook and twitter handles reached a total of 4,705 users on both platforms. These are organic records, i.e. earned media reach. There is an average reach of 1,568 each month.

## **Media Activity**

Ninety-six media activities on MiDA and the Compact were recorded in the reporting period. The breakdown is as follows: Online, 42; Print, 11; Radio, 18; TV, 18; and Exclusive Interviews, 7.

## **PART THREE: CHALLENGES**

### **3.1 CRITICAL ISSUES**

The support of Staff of the Implementing Entities is necessary for the success of the Compact.

The COVID-19 pandemic has resulted in delays to Contract Deliverables because of travel restrictions imposed by most Governments. Key Staff of Works Contract and Consultancy Firms are not able to travel. Factory Acceptance Tests (FAT) have been delayed or deferred in some cases, resulting in delays to the delivery of Materials and Equipment. FATs to be carried out by Third Parties have also been affected by Lockdowns.

### **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:

##### **EFOT Project**

###### *IT Infrastructure*

- The GIS implementation has been delayed due to the extended length in time to secure a Permit for flight to capture Aerial Imagery of ECG Assets in Accra East and West Operational Regions. Permission had to be granted by Ghana Civil Aviation Authority, Lands Commission, National Security, and the Ghana Air Force. The permit was received in February 2020 after a seven-month process.
- As a result of the cancellation of the Data Center and Communication Network (DCCN), the implementation of the Meter Management System (MMS) that was depending on an upgraded Data Center had to be modified. The MMS will now have to depend on the ECG Data Center.

###### *Pokuase BSP and ICC*

- The lockdown by the Government of Ghana as a result of the COVID-19 Pandemic will affect Site work.
- FATs and shipment of Equipment expected from Manufacturers in Spain, Italy and India have been delayed by lockdowns in these countries.

###### *PSS + ICC*

- Travel restrictions and Lockdowns as a result of the Covid-19 will cause delays to Works on the Primary Substations and Interconnecting Circuits.

###### *Kasoa BSP*

- The Kasoa BSP Activity, which already faces a very high Completion Risk, could be delayed further by suspension of Works due to COVID-19 related restrictions.



### *LV Bifurcation*

- Achimota Work Order: Delayed delivery of the 3<sup>rd</sup> Lot of 120sq.mm AAC, 11kV Ring Main Units and LV DPs due to the COVID-19 pandemic.
- Dansoman & Kaneshie Work Order: Delayed manufacturing of the 11kV Ring Main Units expected from India due to the COVID-19 pandemic.
- Mampong Work Order: Delayed shipment of Pole-top Accessories, Cables, and additional Wood Poles due to COVID-19 pandemic.

### Access Project

- In view of the de-obligation of the USD 190 million Tranche II Funds, the MCC funding for the Access Project is no more available. The Contract award is now contingent on receipt of GoG's payment of its contribution to the Compact. As of now, the earliest Contract signing date is in April 2020, with the worst-case scenario in June 2020. In either case, the Project could face completion risks since the Contract award has been delayed by at least 5 months.

## **3.2.2 Generation Projects Challenges**

The current issues with COVID-19 are impacting on all EEDSM and RSCB Projects, both Consultancy Services and Works Implementation Contracts. Consultants and Contractors are mostly working from home as directed by the government. Although Reports continue to be reviewed at home and conference calls are being held regularly, most of the current activities are field related and that has been put on hold because of the circumstances. Specific to the RSCB Project, there are third party impacts on the service providers to the RPP implementation.

Additionally, the unanticipated challenges particularly with regards to PURC's new request and involvement with the Regulatory Partnership Programme (RPP) during the Quarter has a potential knock-on effect on the original objectives of the RPP. MiDA Management intends to engage with PURC to determine the outcomes of their decision on the Commissioner-Level Study Tour.

There is a delay in the planning and implementation of an in-country Partnership Exchange Programme on Tariff Review Processes and Stakeholder Communication. This was due for completion in March 2020, but now postponed indefinitely. The delay was due to PURC requesting for a Commissioners Study Tour abroad, instead of the already planned programme as per National Association of Regulatory Utility Commissioners (NARUC) contract.

### 3.2.3 Cross-Cutting Projects

#### *Gender and Social Inclusion*

Internship & Mentoring: Due to a temporary closure of all educational institutions within the country as a result of COVID 19, the Team could not embark on the Outreach to Educational Institutions with high female enrolment in STEM courses, as originally planned.

#### *Communications and Outreach*

Some activities scheduled for implementation in March have been put on hold as a result of the Government of Ghana's restrictions and safety guidelines to avert the spread of the COVID-19 pandemic. Activities such as the groundbreaking ceremony for the Kasoa Bulk Supply point and its related preparatory activities to be carried out by the Unit have been put on hold pending improvements in the current situation.

While many of the Communication Heads of the IEs have been responsive in attending meetings of the IE Communication Committee, their response towards developing a communication strategy to drive the Committee's joint communication activities have been rather slow.

## **PART FOUR: FORWARD LOOK FOR THE SECOND QUARTER OF 2020**

The following have been planned for completion in the next Quarter, April-June, 2020.

### **Procurement Activities**

1. Institutional Assessment and Engagement for Sustainability – subject to signing of HVDS contract.
2. AC Test Laboratory – Bid Evaluation to commence next quarter

## **4.1 EFOT PROJECT**

### **Modernizing Utility Operations Activity**

#### **Upgrade of Data Center and Communication Network**

- Approve Designs for the Data Center Network, Heating, Ventilation and Air Conditioning ( HVAC) and Power Systems.

#### **Implementation of an Enterprise Resource Planning (ERP)**

- Complete procurement of a Supplier for the Implementation of an ERP System.

#### **Implementation of a Utility GIS System**

- Complete validation of three (3) out of the 14 districts. Perform an Operational Acceptance.

### **Technical Loss Reduction**

#### **LV Bifurcation and Network Improvement**

#### **For the Achimota Work Order:**

- Complete the planting of the entire 6,052No Poles planned to be erected.
- String 70% of the Total Quantities of Conductors (357 circuit Kilometers)
- Install 30No. Transformers out of the 81No Transformers

#### **b) Dansoman & Kaneshie Work Order**

- Complete the planting of the entire 4300No Poles.
- String 50% of the Total Quantities of Conductors (137 circuit Kilometers)

#### **c) Mampong Work Order**

- Complete the planting of the entire 2,064No Poles planned for erection.
- MiDA shall string 40% of the Total Quantities of Conductors (224 circuit Kilometers)
- MiDA shall install 50No. Transformers out of the 116No. Transformers.

#### **PSS**

- Continue with Design Reviews of Kanda and Legon Primary Substations and Interconnecting & Offloading Circuits Projects.

- Issue Solicitation documents Construction of 16 3-Bedroom Flats for Project Affected Persons (PAPs) at Kanda.

#### Pokuase BSP

- Continue with the construction of the Pokuase Bulk Supply Point Substation and Interconnecting Circuits.

#### Kasoa BSP

- Completion of basic designs for Electrical and Electro-Mechanical Equipment
- Produce Detailed Designs for Earthworks, Substation Layout and Sections, Drainage, and Civil Works.
- Review of Manufacturer's Designs and Specifications for major and long lead Electrical and Electro-Mechanical Equipment.
- General Excavation and cutting to Formation Level, Backfilling and Compaction.

### **Commercial Loss Reduction**

- Perform FAT for the MMS
- Deliver complete MMS from South Africa to Ghana.

## **4.2 REGULATORY STRENGTHENING AND CAPACITY BUILDING PROJECT**

- MiDA to receive the Final Quarter 2 Report (January to March, 2020) from NARUC by mid-April 2020.
- NARUC to submit their Quarter 3 (April – June 2020) Report by end of June 2020.
- Planning for upcoming Activity 2.1 'Peer Review on Performance Monitoring & Quality of Service' and Activity 2.2 'Job Shadow on Technical Monitoring & Quality of Service' originally scheduled in June and April 2020 respectively, is on hold.

## **4.3 ACCESS PROJECT**

- Complete the Final Census Plan under the Customer Outreach Activity by the end of April 2020.

## **4.4 EEDSM PROJECT**

### *Development and Enforcement of Standards and Labels*

- Continue with the Energy Commission and Attorney General's Department approval process for the drafted LIs on Standards for selected Electrical Products.
- Liaise with the GSA to complete work on the additional standards for Rice Cooker and pass it on to the EC for purposes of gazetting.
- Commence the Energy Commission and Attorney General's Department review of the drafted LIs on Standards for Lot 2 Electrical Products (i.e. upgrade/revision of Standards for Solar Panels, Batteries, Inverters, Distribution Transformers and

Pre-paid Energy Meters) and Lot 3 Electrical Products (Microwave, Washing Machine, Computers and Standing Fan).

- Commence the drafting of LIs on Standards for the Lot 4 Electrical Products (Blender, Electric Water Heater, Rice cooker and Kettle).
- Award contract for AC Test Facility Containment Building (subject to MCC Approval).
- Evaluate bids and award contract for AC Test Laboratory Equipment and its installation (subject to MCC Approval).
- Complete Phases 4 (Middle belt) and 5 (Northern belt) of nationwide Survey of Energy Consumption and Appliance Use Pattern in Ghana.

#### *Improved Energy Auditing*

- Liaise with Contractor to undertake training on the use of the RTEMS for the six (6) beneficiary public institutions.
- Continue with RTRR Works Contract implementation for the Ghana Education Service (GES) if approved by MiDA Board.
- Complete the selection process and inaugurate the two institutions to host the Sustainable Energy Services Centers (SESCs) out of the three competing Tertiary Institutions. Deadline for the call for proposals (CFP) is 17th April 2020.

#### *Education and Public Information*

- Finalize draft designed curriculum materials with NaCCA.
- Commence the training of twenty (20) selected M&E Officers in the use of the M&E framework and the tools.

#### *DSM Activity*

- Obtain Final Lots 1, 2 and 3 Reports on Technical and Financial Review of the IGEA and Retrofit Services' Proposals.
- Review proposed Street Lighting Retrofit Implementation Plan and Value-Added Services developed by the selected Contractors.
- Obtain Lot 1, 2 and 3 Reports on Reviewed Contractor's Quality Management, and Environmental Management and Health and Safety Plans.

#### *Environment and Social Protection*

- Continue implementation of Resettlement Action Plans and Community Engagement Plans of the Infrastructure activities of the EFOT Project
- Continue monitoring of the HSESMPs of the infrastructure activities of the EFOT Project
- Procure works contractor for the construction of the 16 unit 3 bed block of flats at Kanda.
- Compensate Virgin Gas Ltd and ensure complete decommissioning of the LPG business.

#### *Gender and Social Inclusion*

- Continue to provide strategic support to the ECG Gender Unit.
- Under the Internship and Mentoring Program, the Unit will finalize the recruitment process for the GPCIMP 2020, communicate to the successful applicants and organize Orientation sessions for the successful Interns before the Internship commences in June 2020.

#### Monitoring and Evaluation and Economics

- Complete Data Quality Audit (Round 2)
- Complete Mid-Term Evaluation
- Revise M&E Plan to reflect re-scoped Compact Activities
- Deploy GridWatch Devices to measure Outages in Achimota, Dansoman and Kaneshie under the GridWatch Consultancy
- Commence Transformer, Household, and Survey Listing under the Household and Enterprise Surveys

#### Communications and Outreach

- Airing of Compact II Videos on various TV Channels
- Media Editors Briefing
- Government Communicators Briefing
- Bi-Weekly Daily Graphic Publication
- Media Campaign (All Major Radio and TV Stations)
- Ground Breaking Ceremony for Kasoa Bulk Supply Point
- Phase 2 Compact II Documentary/Short Video Airings
- Features and editorials in various Newsprints
- Billboard Campaign
- Production of Short videos
- Groundbreaking Ceremony for Primary Sub-Stations

## PART FIVE: REPORTING MATRIX

Programmes & Sub-Programmes	Activities (Operations)	Baseline	Targets for the 1 <sup>st</sup> Quarter of 2020	Actual Results	Output Indicators	Means of Verification	Challenges	Mitigation Measures
Ghana Power Compact Program: ECG Financial and Operational Turnaround	Modernizing Utility Operations Activity	N/A	N/A	GIS Implementation project is at the data validation and migration phase, with an expanded scope. Overall completion of the expanded GIS Implementation Project is estimated at 44%	GIS-based distribution management system in place	GIS Consultant's Report	Gaps in the Data received from ECG  Dependency on. The Activity currently depends on ECG resources to perform the Field Validation 12 Districts	MiDA has requested ECG Management to commit to the provision of the necessary resources.
		N/A		The Invitation for Bids document was published. Pre-Bid conference successfully held and Clarification questions responses submitted to potential bidders	Enterprise Resource Planning System in place	ERP Consultant's Report	None- Activity on track	
		0	N/A	180 interns began their 2 months program with working in various energy sector institutions. All together 22 organization. MiDA held a reflection workshop for the interns, employer educational institutions and mentors	Number of females participating in STEM Internship and Mentoring Program	Program Records	None- Activity on track	
	Technical Loss Reduction Activity	0 (2016)	4050	Work began on the Pokuase BSP and LV Network. Technical Evaluations have	Kilometers of distribution lines upgraded or built	EFOT Project Report	None- Activity on track	

				been concluded for the Primary Sub-stations and Kasoa BSP.				
		0 (2016)	1500	Work began on the Pokuase BSP and LV Network. Technical Evaluations have been concluded for the Primary Sub-stations and Kasoa BSP	Distribution substation capacity added	EFOT Project Report	None- Activity on track	
		0 (2016)	N/A	Commencement of concrete works begun at the end of September for the Pokuase BSP. Evaluation of bids for the Kasoa BSP was concluded.	Number of Bulk supply points (BSPs)	EFOT Project Report	None- Activity on track	
		0 (2016)	N/A	Evaluation of bids for the Pokuase BSP interconnecting links was concluded.	Kilometers of interconnecting sub-transmission lines (33kV)	EFOT Project Report	None- Activity on track	
	Commercial Loss Reduction Activity	0 (2016)	0	MMS Project is at the applications configuration stage. Preparation for the FAT.	A standard Meter management system in place	Operational Acceptance Criteria	Covid-19 affects one application that is from China – testing the Meters in China is a challenge	The Contractor, Siemens, exploring avenues to test the meters in alternative locations
	Outage Reduction Activity	N/A		Evaluation of bids for the Outage management system was concluded	Outage management system in place	Program Records	None- Activity on track	
RSCB Project:	Tariff Review and Regulatory Activity	0	TBD	Consultant has submitted the Final Report on the Organization and Structuring of Partnership.	Number of training participants	Regulatory Program Partnership Report	None- Activity on track	
Access Project: Infrastructure Activity		0	N/A	Received Bids from prospective Contractor(s) and Bid Evaluation Report finalized.	Transformer capacity installed	Supervision Consultant's Periodic Reports	None- Activity on track	
		0	N/A	Received Bids from prospective Contractor(s)	Length of secondary LV ABC cables installed	Supervision Consultant's	None- Activity on track	



				and Bid Evaluation Report finalized.		Periodic Reports		
		0	N/A	Received Bids from prospective Contractor(s) and Bid Evaluation Report finalized.	Number of pole mounted prepayment meters	Supervision Consultant's Periodic Reports	None- Activity on track	
		0	N/A	Received Bids from prospective Contractor(s) and Bid Evaluation Report finalized.	Number of security lights installed	Supervision Consultant's Periodic Reports	None- Activity on track	
Access Project: Social Inclusiveness & Improved Partnerships Activity		0	N/A	Signed Contract, held two (2) Kick-Off Meetings and two (2) Inception Workshops. Draft Inception Report obtained.	Number of customers assisted through outreach for electricity connection	Supervision Consultant's Periodic Reports	None- Activity on track	
		N/A		Terms of Reference Finalized and forwarded to Procurement Agent to prepare RFP.	Security light agreement (MOU) signed	Institutional Assessment & Engagement Consultant Periodic Reports	None- Activity on track	
EEDSM Project: Development and Enforcement of Standards and Labels Activity		0	4	Standards and Labels have been developed for 16 Products so far.	Number of products with standards developed	Project Report	None- Activity on track	
		0	0	LI for the enforcement of standards for the Lot 1 Electrical products drafted, approved by the EC but awaiting the AG Department's Office approval. The drafting of LI for the Lot 2 and 3 Electrical products underway.	Number of products with legislative instruments drafted	Project Report	None- Activity on track	

		0 (2016)	0	LI for the enforcement of standards for the Lot 1 Electrical products drafted, approved by the EC but awaiting the AG Department's Office Energy Commission's approval. The drafting of LI for the Lot 2 and 3 Electrical products underway.	Number of products with LIs on standards passed in Parliament	Project Report	None- Activity on track	
		0 (2016)	TBD	Pre-selection for Design-Build Contractor for the AC Test Laboratory, and Additional Test Facilities for electrical appliances in existing Laboratories at GSA.	Number of appliance test labs established	Project Report	None- Activity on track	
EEDSM Project: Improved Energy Auditing		0 (2016)	7	Seven (7) Institutions are participating in Race to Retrofits and Renewables	Number of institutions participating in race to retrofits and renewables	Project Report	None- Activity on track	
		0 (2016)	0	Course Syllabi for Sustainable Energy Training of Trainers (TOT) finalized.	Number of SESCOs trainers trained in energy auditing	Project Report	None- Activity on track	
		0	0	Call for Information (CFI) finalized. This will target 11 Tertiary Institutions to express interest in setting up the two (2) SESCOs.	Number of sustainable energy services centers (SESCs) established	Project Report	None- Activity on track	
EEDSM Project: Education and Public Information Activity		0 (2016)	N/A	N/A	Number of unique public education outreach on energy efficiency	Project Report	None- Activity on track	
		0	N/A	Completed "Needs Assessment on EEC updates in 30 selected Pre-Tertiary schools	Number of teachers trained on energy efficiency and conservation curriculum	Project Report	None- Activity on track	

		0 (2016)	N/A	Completed "Needs Assessment on EEC updates in 30 selected Pre-Tertiary schools	Number of students reached through energy efficiency and conservation curriculum	Project Report	None- Activity on track	
EEDSM Project: DSM Infrastructure Activity		0 (2016)	0	Following signing of three (3) Works Contracts for Street Lights Replacements, reviewed and approved five (5) Specifications, two (2) IGEAs and one (1) Health & Safety Plan by the Works Contractors.	Number of poles constructed	Project Report	None- Activity on track	
		0	TBD	Following signing of three (3) Works Contracts for Street Lights Replacements, reviewed and approved five (5) Specifications, two (2) IGEAs and one (1) Health & Safety Plan by the Works Contractors.	Number of LED lights installed	Project Report	None- Activity on track	

## APPENDIX

### Communication Strategies, Activities and Corresponding Results

Strategy	Tactics	Activities	Personalities/ Projects	Results
Showcase Compact II Projects as complementary solutions to Ghana's power challenges	Thought leadership	Three exclusive media interviews coordinated <ul style="list-style-type: none"> <li>- Joy News (TV and Radio)</li> <li>- TV3</li> <li>- Citi Tv</li> </ul>	<ul style="list-style-type: none"> <li>- Project Manager</li> <li>- EEDSM (Street Lighting and Standards and Labels Activity)</li> </ul>	Over 300, 000 Ghanaians reached
		Grid Reliability and Utility Operations Conference	<ul style="list-style-type: none"> <li>- CEO</li> <li>- Director, Gender and Social Inclusion</li> <li>- Technical Controller</li> </ul>	Over 200 participants reached  One-on-one engagements provided clarity and more information on the Compact II Program
		Developed Commemorative event concept and campaign messages for International Women's Day 2020 celebrations.	<ul style="list-style-type: none"> <li>- Gender and Social Inclusion Unit</li> <li>- IE Gender focal persons</li> <li>- Representatives from Educational Institutions</li> <li>- Employers' Association.</li> </ul>	Event enforced the Compact Programs interventions to ensuring gender equality in the power sector and created more visibility as an advocate for women's participation in the energy space.
	Publicity	Paid- media	Full-page colour	Infographics

<b>Strategy</b>	<b>Tactics</b>	<b>Activities</b>	<b>Personalities/ Projects</b>	<b>Results</b>
		publications	publications in Daily Graphic <ul style="list-style-type: none"> <li>• Race to retrofit</li> <li>• Kasoa BSP</li> </ul>	provide byte-sized information for easy public consumption and increased awareness on the projects advertised
		Short Videos	Two short videos developed <ul style="list-style-type: none"> <li>▪ Compact II Program</li> <li>▪ Pokuase BSP</li> </ul>	To be aired on national television and via social media
		Media Coverage	Arranged media for International Women's Day Celebrations	
		Press release on Larteh Townhall Meeting		
Strengthen the Compact II Brand	Brand identity and visibility for MiDA and the MCC	Pull up banners at all MiDA Events with external participants.		More connections made to the Compact II Brand and its sponsors
		Branded apparel		
		Signposts at Kasoa BSP Site, Kanda and Legon Primary Substation sites		The social media campaign for this activity generated over 5,000 organic reach and engagements on various social media platforms.
Designed Commemorative brand visuals for International Women's Day Celebrations.				
Deepen relationships with	Intensify information sharing with	<ul style="list-style-type: none"> <li>- Project Field Visits</li> <li>- Press</li> </ul>	<ul style="list-style-type: none"> <li>▪ Race-to-retrofit (Korle-Bu)</li> </ul>	

<b>Strategy</b>	<b>Tactics</b>	<b>Activities</b>	<b>Personalities/ Projects</b>	<b>Results</b>
stakeholders	media	releases - Social media posts	<ul style="list-style-type: none"> <li>▪ Kasoa BSP release</li> </ul>	
		Earned Media publication - Media soiree	<ul style="list-style-type: none"> <li>▪ CEO</li> <li>▪ MiDA Management and Project Leads</li> </ul>	Media coverage 31 stories in traditional media channels <ul style="list-style-type: none"> <li>▪ 11 radio stories</li> <li>▪ 15 TV</li> <li>▪ 5 print</li> <li>▪ 27 online</li> <li>▪ 5,833 engagement on MiDA social media handles.</li> </ul>
	Stakeholder Forum	Implementing Entities	<ul style="list-style-type: none"> <li>▪ CEO and MiDA Management</li> <li>▪ Heads and focal persons of implementing entities</li> </ul>	Implementing Entities updated
	Stakeholder Communication Committee	Inauguration of Communication Committee	<ul style="list-style-type: none"> <li>▪ GRIDCo</li> <li>▪ ECG</li> <li>▪ Ministry of Information</li> <li>▪ Energy Commission</li> <li>▪ Office of the President</li> <li>▪ PURC</li> </ul>	Members updated on Compact II Prioritised Projects and related power supply challenges.  Members collaborating on developing a Communication Activity Plan.
	Community/ Stakeholder Engagements	KOANS Residents Association engagement	<ul style="list-style-type: none"> <li>▪ Residents</li> <li>▪ Elecnor</li> <li>▪ Project Manager</li> </ul>	The community affected by Project updated on project

Strategy	Tactics	Activities	Personalities/ Projects	Results
			<ul style="list-style-type: none"> <li>▪ Communication and Outreach Unit</li> <li>▪ ESP</li> </ul>	milestones and clarifications provided on other issues.
		Engagement with Kasoa Chiefs on Kasoa BSP Project/sod-cutting	<ul style="list-style-type: none"> <li>▪ Chief/elders and opinion leaders of Kasoa</li> <li>▪ District Police Commander</li> <li>▪ MCE</li> <li>▪ Project Director</li> <li>▪ Communication and Outreach Director and Officer</li> </ul>	Traditional and opinion leaders pledge full support for the project
		Recced and attended Townhall Meeting organized by Colan Consult (RAP Consultants) with Residents of Larteh Akuapem	<ul style="list-style-type: none"> <li>▪ CEO</li> <li>▪ Chief, Elders and Opinion Leaders</li> <li>▪ Project Manager</li> <li>▪ MiDA ESP Team</li> <li>▪ Other MiDA Consultants</li> </ul>	Over 100 participants engaged. Activity provided added clarity on the Project to the residents, heightened their awareness of MiDA, Compact and the MCC.