



MILLENNIUM DEVELOPMENT AUTHORITY (MiDA)

GHANA COMPACT II

July-September 2021 Performance Report

October 2021

Ghana Compact II Theme

"Powering Ghana for Accelerated and Sustainable Economic Growth"

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GLOSSARY OF ABBREVIATIONS

AAC	All Aluminum Conductor
ABC	Aerial Bundled Cable
AG	Attorney General
AL	Aluminum
BSP	Bulk Supply Point
CAMM	Contract Administration and Management Manual
CAP-Scan	Capacity Scan
CED	Compact End Date
CIF	Compact Implementation Funding
ECG	Electricity Company of Ghana Ltd
EEC	Energy Efficiency and Conservation
EEDSM	Energy Efficiency and Demand Side Management
EOT	Extension of Time
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
HT	High Tension
HVDS	High Voltage Distribution System
ICC	Interconnecting Circuits
IDIQ	Indefinite Delivery Indefinite Quantity
IE	Implementing Entity
IGEA	Investment Grade Energy Audit
IPP	Independent Power Producer
LV	Low Voltage
Km	Kilometer
kV	Kilovolt
MCC	Millennium Challenge Corporation
M&E	Monitoring and Evaluation
MiDA	Millennium Development Authority
MoEn	Ministry of Energy
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

OPGW	Optical Ground Wire
PAP	Prioritized Action Plan
PCSL	Parliamentary Committee on Subsidiary Legislation
PIA	Program Implementation Agreement
PIU	Program Implementation Unit
PMC	Program Management Consultant
POM	Procurement Operations Manual
PoW	Progress of Work
PPG	Program Procurement Guidelines
PSP	Private Sector Participation
PURC	Public Utilities Regulatory Commission
RAP	Resettlement Action Plan
RCE	Resettlement and Community Engagement
RMU	Ring Main Unit
RPP	Regulatory Partnership Program
SESC	Sustainable Energy Services Centers
SGIP	Social and Gender Integration Plan
STEM	Science Technology Engineering and Mathematics
VO	Variation Order
VRA	Volta River Authority

PART ONE: INTRODUCTION

1.1 SUMMARY OF ACTIVITIES AND ACHIEVEMENTS

The Compact Program, which is being implemented by MiDA seeks to address identified challenges in Ghana's Power Sector by providing an overall framework for strengthening the Ghana Electricity Distribution System.

During the period July-September 2021, MiDA achieved the following major Milestones:

ECG Financial and Operational Turnaround (EFOT) Project

- Geographic Information System (GIS): The System was 80% complete. The original implementation was 94% complete in March 2021. This new percentage is as a result of the new variation of activities under the Contract.
- Meter Management System (MMS): The System is 100% complete. The System achieved Operational Acceptance in August 2021 was inaugurated in September 2021.
- Primary Substations (PSS) & Inter-Connecting Circuits (ICC): Overall progress was 96% for the PSS and 99% for the ICC.
- Pokuase Bulk Supply Point (BSP) and Interconnecting Circuits (ICC): Overall progress is 99% for the BSP and 99% for the ICC. The BSP was energized and operational since 24th May, 2021.
- Pokuase Bulk Supply Point (BSP) and Interconnecting Circuits (ICC): Overall progress is 99% for the BSP and 99% for the ICC. The BSP was energized and operational since 24th May, 2021.
- Kasoa BSP and ICC: Overall progress achieved was approximately 80%.
- Low Voltage (LV) Bifurcation:
 - Dansoman and Kaneshie District - 100% complete. Currently going through the Defect Liability Period. Variation Order for correction of defective stays was signed on 30-Sep-2021.
 - Kwabenya West District – 99% complete.
 - Kwabenya East District – 99.6% complete.
 - Work was completed for Achimota and Mampong Districts in December 2020. The six (6) months Defect Liability Period was completed on July 1, 2021.
 - Legon District (Lot 1): The Work Order contract was signed on September 29, 2021.
 - Legon District (Lot 2): The Work Order contract was signed on September 30, 2021.

Access Project

- Overall Scheduled Progress of the High Voltage Distribution System (HVDS) and Security Lighting Project is 61%, compared to 51% progress for the physical works in all beneficiary markets in Greater Accra and Tamale.
- On-going construction activities during the quarter include Pole Planting, Fixing of Plate Anchor and Stays Installation, RMU Installation, Stringing of MV and LV Lines.
- 640 of the planned 731 Wood Poles (87.5%) have been erected; 3,595 meters out of 18, 994 meters (19%) and 987 meters out of 6,174 meters (16%) of LV and MV Lines respectively strung; and 7 out of 9 RMU Plinths (78%) constructed.
- Wood Poles were procured and delivered.

- 520 of the planned 731 (71.1%) Wood Poles erected and Civil Works for six of the planned nine Ring Main Units (RMU) Plinths were completed.

Regulatory Strengthening and Capacity Building (RSCB) Project

- Completed the Consultancy Services for the Regulatory Partnership Program (RPP)

Energy Efficiency and Demand Side Management (EEDSM) Project

- Completed testing and commissioning of the AC and Refrigerator Test Laboratory Facility at the Ghana Standards Authority (GSA).
- Completed training of GSA and Energy Commission Staff on the usage of the AC and Refrigerator Test Laboratory Equipment.
- Parliamentary Subsidiary Legislation Committee (PSLC) completed the review of three (3) Regulations on Appliances.
- Completed the Consultancy Services for the Sustainable Energy Services Centers (SESCs). Three (3) SESC established at three (3) Tertiary Institutions.
- Completed the Consultancy Services for the Race to Retrofits Activity. Thirteen (13) buildings retrofitted for seven (7) GoG institutions.
- Completed the Consultancy Services for the Energy Efficiency and Conservation (EEC) Pre-Tertiary School Curriculum Updates. EEC Pre-Tertiary curriculum updates piloted in 30 schools.
- The Street Lighting Sub-Activity was re-baselined to include additional materials and streets. The following is the progress as at September 2021.
 - West of the Accra Central Business District: 5,283No. Luminaires installed, representing overall progress of 82%.
 - Central Business District: 2,842No. Luminaires installed, representing overall progress of 84%.
 - East of the Accra Central Business District: 4126No. Luminaires installed, representing overall progress of 83%.
 - Commenced the Tranche 1 Sectional Handing over of Works on completed roads and streets.

Environmental and Social Performance

- Continued the monitoring of the implementation of COVID-19 Risk Mitigation Plans for Works Contracts and Consultancies. Recorded no positive case of Covid-19 amongst staff of MiDA, Contractors and Consultants.
- Identified, engaged, assessed and processed for compensation for Businesses and Artisans affected by the Kasoa BSP; and owners of Billboards sited along the Achimota-Kanda route of the Pokuase ICC Project that had to be relocated.
- Monitored the implementation of Health, Safety and Environment issues of infrastructure projects.

Gender and Social Inclusion

- Organized Coaching and Training for ECG GSI Unit.
- Selected and placed 111 Interns in Energy Organizations.
- Held Orientation and Sexual Harassment Forum for Employers.

1.2 CHALLENGES AND MITIGATION STRATEGIES

The COVID-19 pandemic and the resulting travel restrictions continued to cause delays to the following.

1. Factory Acceptance Tests (FATs).
2. Field activities, involving the presence of foreign-based personnel.
3. Capacity Building Workshops.

Operational Acceptance for the IT Systems were obstructed by the Beneficiary Organization (i.e. ECG) in the following ways:

- a. Addition of more requirements to the scope of the Project.
- b. Avoiding imminent responsibility for and ownership of the System.

The following are the Mitigating Strategies that were pursued.

1. Use of Third Parties and Virtual Meetings continued.
2. Implementation of COVID-19 Risk Mitigation Plans by Consultants and Contractors to avoid and or minimize the risk of COVID-19 infection and spread in the field.
3. Adopted alternatives to in-person meetings, particularly Virtual Meeting platforms, to avoid human contact and minimize spread of the virus.
4. For the IT Systems, the issues were escalated to Senior Executives of the Beneficiary Organization to ensure commitment to ownership from the top.

Extension of Compact Term

To claw back time lost and allow for the completion of infrastructural works that were significantly impacted by the COVID-19 restrictions, MCC has granted an extension of the Compact term for nine (9) more months. The Compact End Date (CED) has therefore been revised from September 6, 2021 to June 6, 2022.

PART TWO: PLANNED PROGRAMMES AND ACHIEVEMENTS

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 16th February 2007 and ended on 15th February, 2012, and utilized approximately US\$547.009m grant funds.

On 5th 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 had 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, 2019 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 Power Compact.

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 investments. 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 current and prospective Independent Power Producers (IPPs).

The Power Compact Program originally consisted of the following six (6) Projects categorized under two key components of the electricity value chain:

- 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

Following a joint MCC-MiDA 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 disallowing the implementation of 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).

Two (2) Contracts valued at US\$ 2,978,047 were signed in the Third Quarter of 2021 as indicated in Table 2.1.

Table 2.1: Contracts signed in July-September 2021

Contract No.	Description	Method	Type	Organization	Contract Value USD	Contract Signed
5140200-01	LV Bifurcation Legon District Lot 1 WO6	Direct Contracting IDIQ	W	Best & Crompton	1,525,139	30-Sep-2021
5140200-03	LV Bifurcation Legon District Lot 2 WO7	Direct Contracting IDIQ	W	Power Factor	1,452, 908	30-Sep-2021
Total Contracts Signed in July 2021 to September 2021					US\$ 2,978,047	

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

Forty nine (49) Contract Amendments valued at US\$ 9,287,902 were signed in the Quarter as indicated in Table 2.2.

Table 2.2: Total Contract Amendments Signed in the Quarter July – September 2021

Compact Component	Number	Value US\$
ECG Financial & Operational Turnaround	37	7,410,560
Regulatory Strengthening and Capacity Building	0	0
Access	2	0
Energy Efficiency and Demand Side Management	7	1,143,902
Monitoring and Evaluation	1	733,440
Programme Oversight and Administration	2	0
TOTAL	49	9,287,902

There are currently 66 ongoing Contracts, and these are indicated in Table 2.3.

Table 2.3: Contract, Work Orders and Task Orders Status as at September 2021

Compact Component	On-Going Procurements	On-Going Contracts	Contracts under Close Out	Closed Out Contracts
ECG Financial & Operational Turnaround Project	0	42	0	43
Regulatory Strengthening & Capacity Building Project	0	2	0	2
Access Project	0	2	0	0
Energy Efficiency & Demand Side Management Project	0	11	0	13
Monitoring & Evaluation	0	2	0	23
Programme Administration & Oversight	0	7	0	47
TOTALS	0	66	0	108

2.2.2 Distribution Projects

The Power Distribution Sector Projects consist of the ECG Financial and Operational Turnaround (EFOT) and Access. 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	July-September 2021 Progress
EFOT Project		
Modernizing ECG Operations	Geographic Information System	<p>The GIS Contractor, Hexagon, commenced work on August 7, 2017.</p> <p>The System was 68% complete at the end of September.</p> <p>Work Plan has been updated through a Variation Order to add more tasks. The progress is as follows.</p> <ul style="list-style-type: none"> A Technical Service Consultant from Hexagon completed two trips to Ghana to ensure a smooth roll out of the GIS at ECG. Refresher Training for ECG Trainers completed.
Technical Loss Reduction	Construction of Kanda and Legon Primary Substations & Interconnecting Circuits	<p>PSS</p> <p>Overall progress of 96% achieved</p> <ul style="list-style-type: none"> Design and Material made 99% progress

Activity	Sub-Activity	July-September 2021 Progress
		<ul style="list-style-type: none"> • Manufacturing, Factory Acceptance and Delivery to Site is 98% complete • Site Works is also 92% complete <p>PSS ICC Overall progress of 98% achieved.</p> <ul style="list-style-type: none"> • Design and Material is 100% complete • Manufacturing, Factory Acceptance and Delivery to Site are all 100% complete while • Site Works is 97% complete.
	Construction of Pokuase Bulk Supply Point & Interconnecting Circuits	<p>BSP The Contractor for the Pokuase BSP, Elecnor SA, commenced works on March 5, 2019.</p> <p>The Pokuase BSP was energized on May 24, 2021 and currently has overall progress of work at 99%. Partial Taking-Over Certificate has been issued.</p> <p>Punch List Items are being managed by the Engineer (SMEC) and Employer (MiDA), with the involvement of the Beneficiaries (ECG and GRIDCo), and direct responsibility by the Contractor (Elecnor).</p> <p>ICC The Contractor, Best & Crompton, commenced work on October 1, 2019, with a Contract End Date of April 30, 2021.</p> <p>Overall progress is 99%. Partial Taking-Over Certificate has been issued.</p> <p>The only work currently outstanding is connecting the ICC cables to the Kanda PSS.</p>
	Construction of Kasoa Bulk Supply Point & Interconnecting Circuits	<p>The Contract for the Kasoa BSP with Siemens Energy SAS of France commenced on January 31, 2020.</p> <p>A revised completion time of September 30, 2021 has been approved. However, due to the issue of missing GIS Control Cables, target Completion Date is now December 30, 2021.</p>

Activity	Sub-Activity	July-September 2021 Progress
		<p>Overall progress at the end of September 2021 was 80% against a planned target of 88%.</p> <p>The details of progress are as follows:</p> <ul style="list-style-type: none"> • Engineering Designs are 95% complete • Procurement of major Equipment is 99% complete • Manufacturing and Factory Acceptance Tests (FAT) for all major equipment was completed and all equipment delivered to Site, except for the missing GIS control cables. • Civil Works execution is 88% complete. • Road works and the Substation Yard surfacing works were yet to commence. • Installations are about 73% complete, with the following ongoing: 161kV GIS, STATCOM/SVC, cables pulling and terminations.
	Low Voltage Bifurcation and Network Improvements – Achimota District	Defect Liability Period expired on July 1, 2021.
	Low Voltage Bifurcation and Network Improvements – Mampong District	Defect Liability Period expired on July 1, 2021.
	Low Voltage Bifurcation and Network Improvements – Dansoman & Kaneshie District	<p>This Work Order was completed on April 30, 2021 and currently going through six (6) months Defect Liability Period. No issues encountered during the Defect Liability Period.</p> <p>Variation Order for correction of 432 defective stays was signed on September 30, 2021.</p> <p>MiDA continued to engage ECG to provide the needed support to complete the outstanding activities on the Snag List. The outstanding activities include the following:</p> <ul style="list-style-type: none"> • Commissioning of the GMT substation behind Accra Academy. This is dependent on ECG resolving a fault on the 11kV line from the newly commissioned substation at Mataheko.

Activity	Sub-Activity	July-September 2021 Progress
		<ul style="list-style-type: none"> Completion and commissioning of the 200kVA PMT and all associated 11kV Overhead Line and RMU connections at Awudome Estate. ECG has proposed that the transformer be relocated. ECG is planning to meet MiDA, the Engineer (SMEC) and the Contractor to discuss and implement the proposed relocation works.
	Low Voltage Bifurcation and Network Improvements – Kwabenya West	<p>This Activity is 99% complete.</p> <p>Pre-construction Survey activities have been completed.</p> <p>All Material and Equipment Drawings, Technical Data Sheets and Project Management Plans have been completed.</p> <p>All Materials and Equipment have been delivered to site. Procurement activities are 100% complete.</p> <p>Most construction activities have been completed. The outstanding works include LV Network extension, correction of defective stays, retirement of poles and undersized conductors, substation fencing, loading of substations and load balancing.</p>
	Low Voltage Bifurcation and Network Improvements – Kwabenya East	<p>This Activity is 99.6% complete.</p> <p>Pre-Construction Survey activities have been completed.</p> <p>All Material and Equipment Drawings, Technical Data Sheets and Project Management Plans have been completed.</p> <p>All Materials and Equipment have been delivered to site. Procurement activities are 100% complete.</p> <p>All construction activities have been completed. Material reconciliation activities, preparation of Snag List, preparation of As-built Drawings and Operation and Maintenance Manuals progressed well within the Quarter.</p>
Commercial Loss Reduction	Installation of Meter	System Inauguration Event and handing over of the MMS System to beneficiary (ECG) completed successfully on September 22, 2021.

Activity	Sub-Activity	July-September 2021 Progress
	Management System (MMS)	
Access Project		
Infrastructure	High Voltage Distribution System (HVDS) & Security Lighting in Markets and Economic Enclaves (M&EEs)	<p>The procurement of Equipment and Materials is complete except for the Energy Meters and associated accessories.</p> <ul style="list-style-type: none"> • Security Lighting fixtures were cleared and stored at the Contractor’s warehouse. • Cables, Conductors, Transformers, and Transformer Breaker Boxes, RMUs, Pole Top Accessories, and Eight Way Lighting Enclosures have been procured and delivered to the Contractor's warehouse. • 681 out of 731 (93%) wood poles have been delivered to the Contractor's warehouse. The last batch of 50 wood poles is expected to be delivered by the close of the quarter, and 33 extra wood to be delivered by 10 December 2021. <p>On-going construction activities including Wood Pole Erection, RMU Plinths construction, MV and LV Lines stringing progressed steadily as follows.</p> <ul style="list-style-type: none"> • Lot 1 (Dansoman, Kaneshie, Nii Boiman, and Makola Markets) <ul style="list-style-type: none"> ○ Poles - 239 out of 246 poles planted. ○ LV Stringing (50mm² ABC AAC) -1449 meters out of 5687 meters strung ○ MV Stringing - 987 meters out of 2048 meters strung • Lot 2: (Agboglobshie, Accra Timber, and Madina Markets) <ul style="list-style-type: none"> ○ Poles - 277 out of 351 poles planted. ○ LV Stringing (50mm² ABC AAC) - 2146 meters out of 9370 meters strung ○ MV Stringing - 0 meters out of 3463 meters strung. Stay installation ongoing. • Lot 3: (Tamale Central, Tamale Timber, and Lamashegu Markets) <ul style="list-style-type: none"> ○ Poles - 121 out of 133 poles planted. ○ LV Stringing (50mm² ABC AAC) – 0 meters out of 3937 meters strung. Stay installation ongoing.

Activity	Sub-Activity	July-September 2021 Progress
Social Inclusiveness and Improved Partnerships	Customer Outreach, Normalization of Services, and Facilitation Assistance (COFANS) for new connections	<p>The Consultant continued with the coordination of wiring/rewiring of stores and stalls during the Quarter and also submitted Final Stakeholder Coordination Plan.</p> <p>The rate of re-wiring or new wiring of the Stalls and Stores was however very slow. As at the end of August 2021, only a total of 532 Stalls and Stores (6.4% of Shops with Sub-standard Wiring) had been rewired to the standard prescribed by the Energy Commission.</p> <p>MiDA held an emergency meeting with Stakeholders, including Local Government Authorities, Market Leaders, and relevant Market Associations to push for the rewiring or new wiring of Stores and Stalls to enable a smooth transition from the old electricity service network to the new one. The pace of rewiring has improved after the Meeting.</p>

2.2.3 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 during the Third Quarter of 2021.

Status and Progress of Ongoing Program Activities, Generation Projects

Activity	Sub-Activity	July - September 2021 Progress
Regulatory Strengthening & Capacity Building Project		
Tariff Review and Regulatory Activity	Tariff Study and Tariff Plan	<p>Obtained the Final Report on Monitoring and Evaluation Report and Closeout Report from National Association of Regulatory Utility Commissioners (NARUC) under the Regulatory Partnership Program.</p> <p>The Monitoring and Evaluation of the Partnership Program was to demonstrate measurable achievements related to enhancements in the regulatory agencies (PURC and EC) procedures and processes as well as staff knowledge and capacity.</p> <p>The Closeout Report summarized key activities undertaken, the objectives set and what was achieved. The report shall also quantify the impacts, describing the lessons learned based on the Ghana Compact experience.</p>
Energy Efficiency & Demand-Side Management (EEDSM) Project		
	Legislative Instruments (LIs)	<p>PSLC completed the review of three (3) Regulations under Lot 1, namely:</p> <ul style="list-style-type: none"> • Energy Commission (Energy Efficiency Standards and Labelling) Refrigerating Appliances) Regulations, 2021; • Energy Commission (Energy Efficiency) (Prohibition of Importation and Sale of Used Electrical Appliances, Used Accessories and Used Parts) Regulations, 2021; and • Energy Commission (Energy Efficiency) (Prohibition of manufacture and Sale of Incandescent Filament Lamps and Lamps containing Mercury) Regulations, 2021.

Activity	Sub-Activity	July - September 2021 Progress
		<p>The three (3) Regulations have been cleared by the PSLC but are yet to be laid in Parliament.</p>
	<p>Construction of AC Test Laboratory Containment Building</p>	<p>Commenced External Works and Installation of a 400kVA Standby Generator for the AC Test Laboratory Containment Building.</p> <p>The External Works include:</p> <ul style="list-style-type: none"> • Grassing. • Kerbs Laying. • Bituminous Surfacing. <p>The Generator Installation include:</p> <ul style="list-style-type: none"> • Construction of Generator Platform • Installation of 500A Automatic Change Over Switch. • Installation of electrical cables to connect up with ECG transformer in Change Over. • Powering, testing and commissioning.
	<p>Supply & Installation of AC Test Laboratory</p>	<p>Testing and commissioning of the AC and Refrigerator Test Laboratory Equipment completed.</p> <p>Training in the use of the AC and Refrigerator Test Laboratory Equipment for GSA and Energy Commission Staff completed.</p> <p>There is a request from GSA to upgrade the Test Laboratory to accommodate the testing of Chest Freezers. GSA has agreed to share the cost with MiDA.</p>
<p>Improved Energy Auditing</p>	<p>Race to Retrofit & Renewables (RTRR)</p>	<p>The Consultancy Services for the Race to Retrofits and Renewables Sub-Activity have been completed.</p> <p>The Final Project Completion Reports have been received and approved.</p>
	<p>Setting Up of Sustainable Energy Services Centers (SESCs)</p>	<p>The three (3) Sustainable Energy Services Centers (SESCs) completed the following assignments on seven (7) Office Buildings and one (1) Industrial Building, under the guidance of the Consultant:</p> <ul style="list-style-type: none"> • Investment Grade Energy Audits • Project Implementation Plans • Measurement and Verification Plans • Finance plan for implementation of SE projects.

Activity	Sub-Activity	July - September 2021 Progress
		<ul style="list-style-type: none"> • Tender documentation for procurement of design and construction services to implement the SE projects. • Summary report detailing all the project development documents for the Pilot SE Projects. <p>The Final Project Completion Reports on the setting up of Sustainable Energy Services Centers (SESCs) at Accra Technical University (ATU), Kwame Nkrumah University of Science and Technology (KNUST) and the University of Energy and Natural Resources (UENR) have been prepared.</p>
Education & Public Information	Update of Pre-Tertiary School Curriculum on Energy Efficiency and Conservation (EEC)	<ul style="list-style-type: none"> • Conducted Stakeholder Engagement Workshop to disseminate Monitoring and Endline Evaluation Reports of the Activity across intervention and non-intervention Schools in the three (3) Target Zones (Southern, Middle and Northern). • Completed the Final Project Completion Report with recommendations for a nationwide rollout of the Energy Efficiency and Conservation School Curriculum Updates.
Demand-Side Management	Street Lighting	<p>The overall progress, which takes account of the inclusion of additional materials and streets to the Base Work Plan is as follows:</p> <ul style="list-style-type: none"> • West of the Accra Central Business District: 5,283No. Luminaires installed, representing overall progress of 82%. • Central Business District: 2,842No. Luminaires installed, representing overall progress of 84%. • East of the Accra Central Business District: 4126No. Luminaires installed, representing overall progress of 83%. <p>Commenced the Tranche 1 Sectional Handing Over of Works on completed roads and streets, the schedule is as follows:</p> <ul style="list-style-type: none"> • Lot 2 - From 31st August to 16th September, 2021. 16No. roads being inspected. • Lot 3 - 20th September to 1st October, 2021. 42No. roads being inspected. • Lot 1 - 4th October to 15th October, 2021. 14No. roads being inspected.

2.2.4 Environment and Social Performance

The Compact requires that all Projects are implemented in compliance with MCC's Environmental Guidelines, the International Finance Corporation (IFC) Performance Standards on Environmental and Social Sustainability, and Ghanaian Environmental Laws, Regulations, Licenses, and Permits. MiDA continues to ensure that Projects financed under the Compact are implemented consistent with the requirements of these Regulations and Guidelines.

The following were achieved during the period July - September 2021.

1. Contract Extension for ESP Consultants:

- MiDA extended the Head Contracts for Resettlement and Community Engagement (RCE) and Health, Safety and Environment (HSE) monitoring for infrastructure projects. The contracts extension was necessary to allow the consultants to continue to provide their respective services during the extended Compact term up to June 2022.
- Three (3) out of the four (4) RCE Head Contracts were extended from September 6 2021 to June 6 2021. The Head Contract for HSE construction monitoring and oversight was also extended from September 6 2021 to June 6 2021.

2. Task Orders

- MiDA awarded Task Orders for RCE and HSE risk assessment for the construction of the Pokuase drainage.

3. Completion Reports

- MiDA received Completion Reports for RCE implementation in support of the following infrastructure activities: Achimota and Mampong LV Bifurcation project, Pokuase BSP and ICC Project, Kanda and Legon Primary Substation and ICC project.

4. Reinstatement of affected properties.

- Reinstatement works were monitored to ensure all affected properties had been reinstated according to specifications. All issues of non-compliance with respect to quality of reinstatement works have been addressed.

5. Health, Safety, Environment and Social.

- Monitored the implementation of the approved Health, Safety, Environment and Social Management Plans (HSESMPs) of the various works contracts. There were no cases of near misses, incidents or fatalities across the active construction sites. MiDA will continue to monitor the implementation of the approved contractors HSESMPs to ensure incident free construction activities.
- MiDA continued to monitor the implementation of Covid-19 risk mitigation plans of the various projects to avoid and or minimize the spread of the coronavirus. Within the period, MiDA recorded one confirmed case of Covid-19. The case involved a staff of TBEA, the contractor responsible for implementing the ICC works of the Legon and Kanda Primary Substations. The contractor followed the measures contained in the approved Covid-19 risk mitigation plan to avoid the spread of the virus. All staff

who were contact traced and tested returned negative test results. The contractor fumigated its offices. MiDA continues to encourage its staff, contractors, and consultants to take advantage of the ongoing vaccination exercise by the government.

- i. MiDA hosted Laura Casey, a Health and Safety Consultant for MCC. She was in Ghana from August 13 to 27 to monitor the implementation of Health and Safety (H&S) of construction activities. No major H&S issue was identified during her visit..

6. Construction of 16 unit 3-bed flats at Kanda

- Progress of works as at 30 September 2021 stood at 90.5% against planned 95% of the revised works program by the contractor.
- MiDA approved a request by the contractor to extend the project's completion by three (3) months to October 25 2021 (from the original Contract End Date of August 11 2021), with a recommended 9.52% price adjustment, to account for the significant increases in the prices of construction materials.
- MiDA has expressed concerns about the quality of works being executed by the contractor and the delays associated with the works. MiDA had meetings with the Engineer and the Contractor to express this concern, to find ways of improving the quality of works, and to complete the works within the agreed contract timelines.

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 during the reporting period covered the following.

1. Implementation of the Social and Gender Integration Plan (SGIP)
 - Continued with monitoring SGIAP implementation.
2. Incorporation of Gender and Social Inclusive Considerations in Compact Implementation
 - Participated in Monthly Meetings of the Works Contractors.
 - Reviewed PMC/MiDA Monthly Progress Reports on Projects and Crosscutting Activities to ensure gender and social inclusiveness.
3. Gender Audit/Gender Policy and Institutional Strengthening of ECG.
 - Organized Coaching and Training for ECG GSI Unit in August.
 - Organized final Workshop for ECG WinE and Power Queens in July.
 - Held Gender Working Group Meeting for the 3rd Quarter of 2021 in September.
4. Internship and Mentoring Program
 - 111 Interns selected and placed in Energy Organizations
 - Orientation and Sexual Harassment Forum held for Employers in August
 - PPEs and other materials distributed to Interns in September
 - Interns matched with Mentors

- Initial discussions on GPCIMP E-Publication held with Write-shop Facilitator and Writer-Editor
5. Presented GSI Closure Plan to the MiDA Board in August.

2.3 MONITORING AND EVALUATION

The following Monitoring and Evaluation (M&E) activities were carried out during the period July-September 2021.

1. M&E Plan
 - Minor modifications to reflect current status of Compact activities, particular the extension of the Compact duration, were made.
2. Post-Compact M&E Plan
 - The Chief of Staff at the Office of the President was briefed on the Proposal to make the National Development Planning Commission (NDPC) the GoG designated Entity to manage the implementation of the Post-Compact M&E Plan. She recommended that MiDA Board should formally present the Proposal to her Office, and this was done. MiDA is currently awaiting the official response.
3. Performance and Impact Evaluations
 - Mathematica, the Independent Evaluator for the overall Compact, carried out Key Informant Interviews (KII) with selected Compact Stakeholders, including MCC and MiDA Staff, as well as representatives of Implementing Entities.
 - Following the extension of the Compact by nine months, the contract of the GridWatch Consultant, University of California Berkeley (UCB) was extended by the same period, from September 6, 2021 to June 6, 2022. This is to enable Data Collection on Power Quality, which is a key input for the evaluation of the Technical Loss Activity, to continue up to the new Compact End Date of June 6, 2022.
4. Reporting of Results
 - Submitted Compact Qtr. 20 (April-June 2021) Indicator Tracking Table (ITT) on the Performance of the Compact to MCC on September 10, 2021, as part of the Disbursement Request Package for Compact Qtr. 22 (October-December 2021).
5. Ensuring Compliance with Compact M&E Standards
 - Reviewed and provided comments on M&E related matters in Draft Reports and Deliverables from Project Consultants and Contractors.

2.4 COMMUNICATIONS AND OUTREACH

2.4.1 Communication Strategy

The Unit's primary activities were focused on preparations towards hosting the inauguration of completed Projects. The Meter Management System, Geographic Information System and the Pokuase BSP Projects have been completed thus required formal inauguration and formal handover to the beneficiary institutions

The following is an update on the implementation of the planned activities in the Communication Strategy for the period July to September, 2021.

2.4.2 Implementation of Activities

The activities reported on for the Quarter are categorized under the strategies underpinning the Communication Plan.

1. Showcase Compact II Solutions:
 - The inauguration ceremonies are considered opportunities to further promote the Compact Program's activities to the public, while using the events to highlight the specific interventions the related activities are addressing.
 - Meter Management System (MMS) - Preparations towards Go-live Event and Video Documentary Production: MiDA, represented by the C&O Team and the MMS Project Manager, held meetings leading to the inauguration.
 - Pokuase BSP - Preparations towards Inauguration Event: Work involved the selection of spot for the inaugural event, branding and souvenirs, and the designs for commemorative plaque.
 - His Excellency President Nana Akufo Addo gave the inaugural speech, and be unveiled the plaque.
2. Strengthen the Compact II Brand
 - AC Test Facility: Ahead of the AC Test Lab Commissioning and handover ceremony to MiDA, the facility was branded in accordance with MiDA/MCC Branding Guidelines. A Factsheet was also developed to support communication on the AC Test Lab.
 - ECG Cable Test Van Branding: As part of the MMS Inauguration, a Cable Test Van purchased for the ECG Project Office was handed over to ECG. Ahead of the handover, the Unit ensured that the Test Van was branded.
3. Improve Stakeholder Relations:

Street Lighting Activity: Stakeholder Workshops with MMDAs & MMDCEs on Street lighting Sustainability

 - Two Street lighting Sustainability Workshops were held on August 5 and 24 for MMDAs and a select group of stakeholders.
 - MiDA participated in a Roundtable Breakfast organized by the (PMI). The Meeting was timely as it offered MiDA and the PMI Institute, which at its PMI awards ceremony, recognized MiDA's Pokuase BSP Project as the "Project of the Year", to further interact more closely.
4. Other activities

- Developed the Call Out Poster to support the Internship and Mentoring Program.
- Issued Blanket Purchase Agreements (BPA) to procure suitable companies to supply Branded Souvenirs for planned Compact II Project Inaugurations. The document has since been shared with the shortlisted companies.

5. Summary of Media Activities

- An estimated 4,984 website visits were recorded in the reporting period, a 10 percent rise over the previous Quarter's. There were 23 Media mentions across various Online News Portals on the MMS inauguration.

PART THREE: CHALLENGES

3.1 CRITICAL ISSUES

The support of Staff of the Implementing Entities is critical 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. This affected the travel plans of Key Staff of Works Contract and Consultancy Firms. Factory Acceptance Tests (FAT) were delayed or deferred in some cases, resulting in delays to the delivery of Materials and Equipment.

3.2 PROJECT-SPECIFIC CHALLENGES

3.2.1 Distribution Projects Challenges

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

EFOT Project

IT Infrastructure (GIS/MMS)

- The Beneficiary's continuous request for new requirements to the system that are outside the contract scope of the project, requires reference to the Contract and documentation, as well as extra meetings that have led to delays.

PSS and ICC

- Travel restrictions and lockdowns as a result of the COVID-19 pandemic and relocation of Ghana Water Company Limited (GWCL) pipeline and MV Cables at the Kanda Substation Site has caused delays. Unforeseeable physical conditions also caused delays to work and delivery of equipment and material to Site.
- Extension of time approved to compensate for delays caused by modification works required on the 11kV Switchboard to incorporate MV fuses on the primary side of incomer Voltage Transformers.

Kasoa BSP and ICC

- The revised time for completion elapsed on September 30, 2021. However, due to the issue of missing GIS control cables, coupled with delay in delivery of the civil work packages, Contractor advised the target completion date is now 30 December 2021. The Engineer notified the Contractor that the right contractual remedies will be applied, given that the works are not completed within the contractual Time for Completion.

LV Bifurcation

- Dansoman & Kaneshie Work Order:
 - The commissioning of the 200kVA PMT Substation and associated 11kV Overhead Line at Awudome Estate was delayed as a result of PAP aggression.
 - Delay by ECG in energizing the newly constructed 11kV Line at Accra Academy affected the energization of the newly installed GMT Substation.

- Kwabenya West and Kwabenya East:
 - Delayed approval of outages by ECG delayed the completion of reconductoring and other works that require outages.
 - Delay by ECG in reviewing and approving commissioning tests results.
- Institutionalizing Gender responsiveness in ECG
 - COVID-19 restrictions have prevented many of the Energy Sector organizations from offering placements for the Interns to get practical experience.
- Access Project
 - Approval is yet to be obtained for the procurement of the Energy Meters. This follows the decision by the MiDA Board to defer approval of the cost variations for the Energy Meters pending the provision of additional information. The late procurement of the Energy Meters may delay project completion.
 - Only marginal progress has been made with the re-wiring of Stalls and Stores in M&EEs since the commencement of the exercise. Vendors have shown little commitment to undertake re-wiring of shops. It is anticipated that the rewiring activity will peak when Vendors see significant progress with HVDS & Security Lighting construction.
 - The Consultant for the Customer Outreach, Facilitation Assistance for New Connections and Normalization of Services withdrew its services after MiDA was unable to approve the Contract Extension (with Cost) beyond September 6, 2021. The Consultant's tasks of coordinating and facilitating the wiring/rewiring of Stores and Stalls are of critical importance given the resources and efforts required. Therefore, the approval and extension of the Consultant's Contract must be expedited to enable a continuous and coordinated support for the re/wiring activity.
 - In the absence of stricter enforcement of Electrical Codes and Guidelines by the relevant Authorities, reciprocal rewiring works expected of Market Stall and Shop owners have fallen far behind target and delaying the Contract.

3.2.2 Generation Projects Challenges

The challenges faced were as follows.

EEDSM Project

- The Contractors have ordered additional Street lighting materials, including Underground Cables, 3-Phase Control Cubicles, Cable-laying Accessories, Energy Meters, Circuit Breakers, Feeding Cables, Cable Terminations and Lugs, . Although some of the materials have arrived and currently being cleared at the port, others are still being manufactured as they have long lead-times. Therefore, work on some of the Streets/Roads will have to wait until the remaining materials arrive at the port.
- Promulgation of the Legislative Instruments (LIs) under the Standards and Labels Program is not under MiDA's control. MiDA is working with the Energy Commission, the Office of the Attorney General and the PSLC to ensure all the LIs are passed prior to the end of the Compact.
- Theft and vandalism of street lighting materials installed by the Contractors, such as underground cables and pole knockdowns.

3.2.3 Cross-Cutting Projects

Communications and Outreach

- The COVID-19 pandemic prevented MiDA from carrying out planned Media Site Visits, and the Groundbreaking Ceremony for the Kasoa Project.

3.2.4 Extension to the Compact Period

Discussions with MCC for the possible extension of the Compact period to complete specific infrastructure activities that were significantly impacted by the COVID-19 related restrictions was concluded, and the Compact has been extended for nine (9) more months. Thus, the Compact Completion Date has been revised from September 6, 2021 to June 6, 2022.

PART FOUR: FORWARD LOOK

The following have been planned for completion in the next Quarter, October-December, 2021.

4.1 ECG FINANCIAL AND OPERATIONAL TURNAROUND PROJECT

Modernizing Utility Operations Activity

Geographic Information System (GIS)

- Complete the VO6 activities by December 2021
- Ensure Maintenance of the System until Compact End Date
- Roll out the System within the ECG Districts in Accra East and West Regions.
- Inaugurate the GIS.

Technical Loss Reduction Activity

PSS and ICC

- Complete Control Building, Installation of Equipment and Civil Works for Kanda and Legon Primary Substations.
- Complete Construction Works for Interconnecting and Offloading Circuits.
- Complete the delivery of Materials and Equipment to Sites.
- Connect the Inter-Connecting Circuits (Cables) to the Legon & Kanda PSS.
- Officially commission the completed and energized PSS & ICC..

Pokuase BSP & ICC

- Officially commission the BSP & ICC on October 20, 2021.

Kasoa BSP and ICC

- Complete all Engineering Designs.
- Complete remaining Civil Works packages.
- Continue with Erection and Installation Works.
- Continue with testing and commissioning of installed Equipment.
- Commence Training for GRIDCo and ECG Staff.
- Energize and take over Substation.

LV Bifurcation and Network Improvement

Achimota

- Correction of defective stays in the district. A new Work Order contract to be signed for execution of the works.

Mampong

- Correction of defective stays in the district. A new Work Order contract to be signed for execution of the works

Dansoman & Kaneshie

- Completion of Defect Liability Period.
- Correction of defective stays in the districts

Kwabenya West and Kwabenya East:

- Completion of all construction activities.
- Handing over of completed works to ECG.
- Training of ECG personnel.
- Submission of final project documentation (i.e. As-built drawings and Operation & Maintenance Manuals).
- Defect Liability Period.

Legon Lot 1 & Lot 2

- Commencement of project execution by the 2 Contractors.
- Complete Pre-construction survey activities.
- Preparation and approval of project management documents, equipment drawings and data sheets.
 - Procurement of materials & equipment to progress as required..

Commercial Loss Reduction

Implementation of a Meter Management System (MMS)

- ECG to complete the User Acceptance Tests (UAT) by July 2021
- Go-Live of the System in July 2021
- Maintain the System until Compact End Date.

4.2 REGULATORY STRENGTHENING AND CAPACITY BUILDING PROJECT

- Not applicable; all planned activities completed.

4.3 ACCESS PROJECT

- Take delivery of additional 38 Wood Poles as buffer just in case of any breakages.
- Complete Pole planting in selected Markets and Economic Enclaves.
- Continue stringing of HV and MV Lines.
- Commence installation of Transformers and RMUs
- Resolve issues with Energy Meters and place a firm Order for manufacturing and supply.
- Make corrections to sub-standard internal wirings in Stores and Stalls.
- Place Order for the procurement of Energy Meters by October 31, 2021.
- Extend contract for COFANS Consultant.

4.4 ENERGY EFFICIENCY AND DEMAND-SIDE MANAGEMENT PROJECT

Development and Enforcement of Standards and Labels

- Continue to work with the Energy Commission, Office of the Attorney General and the PSLC to formally lay the following first three (3) Regulations in Parliament for promulgation.
 - Energy Commission (Energy Efficiency Standards and Labelling) Refrigerating

- Appliances) Regulations, 2021;
- Energy Commission (Energy Efficiency) (Prohibition of Importation and Sale of Used Electrical Appliances, Used Accessories and Used Parts) Regulations, 2021;
- Energy Commission (Energy Efficiency) (Prohibition of manufacture and Sale of Incandescent Filament Lamps and Lamps containing Mercury) Regulations, 2021.
- Work with the Energy Commission, Office of the Attorney General and the Parliamentary Subsidiary Legislation Committee to review subsequent sets of Regulations on Standards and Labels for Electrical Appliances, and lay them in Parliament for promulgation.
- Complete External Works and Installation of a 400KVA Standby Generator for the AC and Refrigerator Test Laboratory Facility at Ghana Standards Authority.
- Formally inaugurate and commission the AC and Refrigerator Test Facility and formally handover to the GSA.

DSM Activity

- Works Contractors to start installing additional street lighting materials that have arrived in the country.
- Ship and deliver remaining manufactured Street Lighting materials to Ghana.
- Continue with the Works Phase of the Street Lighting Replacements.
- Complete Tranche 1 Sectional handing over of completed Works on roads and streets.

4.5 ENVIRONMENT AND SOCIAL PROTECTION

- Implement Resettlement and Community engagement activities of the construction of the Pokuase drainage and the Legon LV Bifurcation Projects.
- Work with RAP Consultants to prepare completion reports for resettlement and community engagement activities for infrastructure projects.
- Monitor implementation of HSE issues of Infrastructure activities, including COVID-19 Risk Mitigation measures.
- Address outstanding issues to complete and handover the Block of Flats at Kanda to the Ghana Armed Forces.

4.6 GENDER AND SOCIAL INCLUSION

1. Implementation of the Social and Gender Integration Plan (SGIP)
 - Continue monitoring SGIAP implementation.
2. Incorporation of GSI considerations in Compact Implementation
 - Continue support to all Projects and Cross-Cutting Activities to ensure compliance with all GSI requirements.
 - Participate in Contractor Meetings for Infrastructure Projects
3. Gender Audit/Gender Policy and Institutional Strengthening of ECG
 - Support to ECG Action Plan
 - Assessment and evaluation of capacity building for ECG Female Employee Associations
 - Report on Support to Female Employee Associations
 - Organize Workshop Final workshop for ECG GSI Unit
 - Assessment and evaluation of capacity building for GSI Unit
 - Report on Support to GSI Unit
 - Women in Energy Conference 2021 to be held in December
4. Internship and Mentoring Program
 - Carry out Monitoring visits
 - Organize a Reflective Forum for Educators, Employers and Mentors
 - Develop Scope of Works for E-Publication Consultants: Write-shop Facilitator, Writer-Editor and Graphic Designer
 - Organize a Four-day Write-shop for the development of the Internship and Mentoring Manual in November
 - Organize a SSJob Fair for GPCIMP Alumni and National Service Persons serving in the Energy Sector in November
5. Gender and Energy Working Group (GEWG)
 - Job Fair Planning Committee meetings
 - WIEC 2021 Planning Committee meetings
6. Sustainability of GSI Activities
 - Continue with engagements with Ministry of Energy (MoEN)
 - Start engagements with Ministry of Gender, Children and Social Protection (MoGCSP).

4.7 MONITORING AND EVALUATION AND ECONOMICS

1. M&E Plan
 - Finalize the M&E Plan.
2. Post-Compact M&E Plan
 - Continue work on the Post-Compact M&E Plan.
3. Performance and Impact Evaluations
 - Provide support to the two Independent Evaluators (Mathematica and the

University of California Berkeley).

4. Reporting of Results
 - Submit Compact Qtr. 21 (July-September 2021) ITT as part of the Qtr. 22 Disbursement Request Package.
 - Work with the Project Implementation Unit on the Compact Completion Report.
5. Ensuring Compliance with Compact M&E Standards
 - Review and provide comments on Draft Reports and Deliverables from Project Consultants and Contractors, to ensure M&E compliance.

4.8 COMMUNICATIONS AND OUTREACH

ECG IT Projects

- Develop Information Education and Communication materials
- Produce short Video
- Launch GIS Go-Live
- Facilitate Radio and TV Interviews

Kasoa BSP

- Produce a short Video
- Develop Infographics
- Publish Press Advertorial
- Facilitate Media Briefing/Site Visit
- Publish on Social Media
- Publish Feature Article

Pokuase BSP

- Produce a short Video
- Plan and host Project Closure and Commissioning events

Primary Substation

- Develop Factsheets and Infographics
- Publish Media Advertorial publication
- Develop Features and Editorials
- Develop Project Infomercial
- Publish on Social Media
- Facilitate Media Site Visits

LV Bifurcation

- Develop Project Factsheets, infographics and Backgrounders
- Publish Media Advertorial
- Produce a short Video
- Publish short Video on Social Media and other approved Media channels
- Carry out Stakeholder Engagements and Outreach.

Street Lighting

- Produce and publish of Project Infomercial
- Develop Street Lighting Infographics
- Publish on Social Media
- Publish Project Advertorial
- Facilitate Media Briefing.

PART FIVE: CONCLUSION AND RECOMMENDATIONS

5.1 CONCLUSION

In the period under review, significant progress was made in the implementation of activities, with the observation of the necessary protocols contained in the COVID-19 Risk Mitigation Plans that are in place for all contracts.

With MiDA securing and extension of the Power CED from September 6, 2021 to June 6, 2022, some activities that faced completion risks are now likely to be completed by the new CED.

5.2 RECOMMENDATIONS

The following are recommendations to ensure the smooth closure of Compact Activities.

1. There is the need to plan towards the management of Works Contracts that will have the Defects Liability Period extending beyond the Compact End Date of June 6, 2022.
2. Make provision for GoG funding for the implementation of the Post-Compact M&E Plan by NDPC.

PART SIX: REPORTING MATRIX

Programmes & Sub-Programmes	Activities (Operations)	Baseline	Targets for the 3 rd Quarter of 2021	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	Activity is 68% complete as at September 2021. The Work Plan has been updated through a Variation Order to add more tasks	GIS-based distribution management system in place	GIS Consultant's Report	None- Activity on track	
		N/A	N/A	Activity has been de-scoped. It will no longer take under the Compact.	Enterprise Resource Planning System in place	ERP Consultant's Report	None	
		0	250	<ul style="list-style-type: none"> - 180 qualified students have their capacities enhanced - 217 females have been selected for the Mentoring Program. - As a result of COVID-19 there will be no internship placements this year. 	Number of females participating in STEM Internship and Mentoring Program	Program Records	None- Activity on track	
	Technical Loss Reduction Activity	0 (2016)	1102.52	LV Bifurcation & Network Improvement Project is 100% complete for Achimota; 100% complete for Kaneshie/ Dansoman; 100 % complete for Mampong Akwapim Kwabenya West (99%), Kwabenya East (99.6%)	Kilometers of distribution lines upgraded or built	EFOT Project Report	None- Activity on track	
		0 (2016)	0	Kanda and UGTH Primary Substations (PSS) works are 96% complete	Distribution substation capacity added	EFOT Project Report	None- Activity on track	
		0 (2016)	0	The Pokuase BSP project is 99% complete while the Kasoa BSP has an overall progress of 80%.	Number of Bulk supply points (BSPs)	EFOT Project Report	None- Activity on track	
	0 (2016)	0	Kanda and UGTH Primary Substations Interconnecting circuits has achieved an	Kilometers of interconnecting sub-transmission lines (33kV)	EFOT Project Report	None- Activity on track		

Programmes & Sub-Programmes	Activities (Operations)	Baseline	Targets for the 3 rd Quarter of 2021	Actual Results	Output Indicators	Means of Verification	Challenges	Mitigation Measures
				overall progress completion status of 98% while the Pokuase BSP Sub-Transmission-ICC works has an overall progress completion status of 99%				
	Commercial Loss Reduction Activity	0 (2016)	N/A	Meter management system is 100% complete. System Inauguration Event and handing over of the System to ECG took place on September 22, 2021	A standard Meter management system in place	EFOT Project Report		
RSCB Project:	Tariff Review and Regulatory Activity	0	N/A	116 (35 Females) from the EC, PURC, VRA, GRIDCo, ECG, NEDCO, and selected IPPs trained. The Regulatory Partnership Programme is completed.	Number of training participants	Regulatory Program Partnership Report	COVID-19 pandemic has delayed the planned Training.	No-cost extension of contract end date.
Access Project: Infrastructure Activity		0	7,200 kVA	<ul style="list-style-type: none"> Overall progress of work is 53% complete, as against 71% planned. 40 Transformers with 200 kVA capacity each, totaling 8,000 kVA have been cleared from the Tema Port to the Contractor's Warehouse. 	Transformer capacity installed	Supervision Consultant's Periodic Reports	None- Activity on track	
		0	17,887 meters	<ul style="list-style-type: none"> 19% and 16% of planned Secondary LV Cables and MV Cables respectively strung in 5 of the 10 M&EEs. The M&EEs include Kaneshie, Dansoman, Nii Boiman, Madina and Agbogloboshie No.1. 636 out of the planned 730 12-meter Class 4 Wooden Poles have been planted (87%) in the 10 M&EEs. 	Length of secondary LV ABC cables installed	Supervision Consultant's Periodic Reports	None- Activity on track	

Programmes & Sub-Programmes	Activities (Operations)	Baseline	Targets for the 3 rd Quarter of 2021	Actual Results	Output Indicators	Means of Verification	Challenges	Mitigation Measures
		0	10,360	ECG approve of manufacturer's sample of Energy Meters and Meter Boxes, but awaiting official approval from NEDCo.	Number of pole mounted prepayment meters	Supervision Consultant's Periodic Reports	Time slippage due to late approval of Hexing Energy Meter and other Variation Orders.	MiDA Board to approve Energy Meters and other VOs for Contractor to proceed with the procurement process.
		0	924	All the materials/equipment for Security Lighting installation delivered but installation yet to commence.	Number of security lights installed	Supervision Consultant's Periodic Reports	None- Activity on track	
Access Project: Social Inclusiveness & Improved Partnerships Activity		0	TBD	<ul style="list-style-type: none"> •Customer Census in 10 M&EEs completed. •Customer Information and Outreach Programme (CIOP) completed. •Assessment of internal wirings of Stores and Stalls, and rewiring/new wiring of same to meet Energy Commission's standards Commenced. •Intensive Information Campaigns to encourage more Vendors to undertake rewiring of their Shops to meet Energy Commission's acceptable standards. 	Number of customers assisted through outreach for electricity connection	Supervision Consultant's Periodic Reports	None- Activity on track	
EEDSM Project: Development and Enforcement of Standards and Labels Activity		0	20	21	Number of products with standards developed	Project Report	None- Activity on track	
		0	20	21	Number of products with legislative instruments drafted	Project Report	None- Activity on track	

Programmes & Sub-Programmes	Activities (Operations)	Baseline	Targets for the 3 rd Quarter of 2021	Actual Results	Output Indicators	Means of Verification	Challenges	Mitigation Measures
		0 (2016)	0	0	Number of products with LIs on standards passed in Parliament	Project Report	None- Activity on track	
		0 (2016)	1	<ul style="list-style-type: none"> •AC & Refrigerator Test Facility technically commissioned and taken over by MiDA at GSA. •Installation of a 400kVA Standby Generator and external works to beautify the surroundings commenced. 	Number of appliance test labs established	Project Report	None- Activity on track	
EEDSM Project: Improved Energy Auditing		0 (2016)	7	7 (Thirteen (13) buildings of seven (7) Government Institutions benefitted from retrofitting of Lighting Fixtures/Lamps to LED, Air conditioners, Ceiling Fans, Refrigerators, and the installation of Real-time Energy Monitoring Systems (R-TEMS) to reduce Energy consumption.	Number of institutions participating in race to retrofits and renewables	Project Report	None- Activity on track	
		0 (2016)	18	26 (8 more faculties trained as a result of the inclusion of one additional Tertiary Institution to host the SESC)	Number of SESCOs trainers trained in energy auditing	Project Report	None- Activity on track	
		0	2	3 Sustainable Energy Services Centers (SESCs) to train Energy Auditors established at Accra Technical University (ATU), Kwame Nkrumah University of Science and Technology (KNUST) and University of Energy and Natural Resources (UENR).	Number of sustainable energy services centers (SESCs) established	Project Report	None- Activity on track	

Programmes & Sub-Programmes	Activities (Operations)	Baseline	Targets for the 3rd Quarter of 2021	Actual Results	Output Indicators	Means of Verification	Challenges	Mitigation Measures
EEDSM Project: Education and Public Information Activity		0 (2016)	TBD	0	Number of unique public education outreach on energy efficiency	Project Report	None- Activity on track	
		0	84	89 (24 Females)	Number of teachers trained on energy efficiency and conservation curriculum	Project Report	None- Activity on track	
		0 (2016)	9,575	9,416 (4,163 Females)	Number of students reached through energy efficiency and conservation curriculum	Project Report	None- Activity on track	
EEDSM Project: DSM Infrastructure Activity		0 (2016)	11,305	2,915 (2,325 single arm and 590 double arm new poles)	Number of poles constructed	Project Report	None- Activity on track	
		0	14,558	12,143 (installed on new and existing poles)	Number of LED lights installed	Project Report	None- Activity on track	