

MiDA NEWS



The official newsletter for Ghana Compact II

December 2017 Vol. 2 Issue 1



MiDA SUPPORTS GSA WITH USD\$ 5.5m TO PROMOTE ENERGY EFFICIENCY

ALSO IN THIS ISSUE

- MiDA APPOINTS INTERIM CEO
- RFP RELEASED TO ECG PSP BIDDERS
- SOCIAL & GENDER INTEGRATION PLAN LAUNCHED
- SECOND BIDDERS CONFERENCE HELD



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Contact Us

Millennium Development
Authority 4th Floor, Heritage
Tower, Liberation Road,
Accra, Ghana
Millennium Plaza, Ridge



233 302 666619
233 302 666621
233 302 666624

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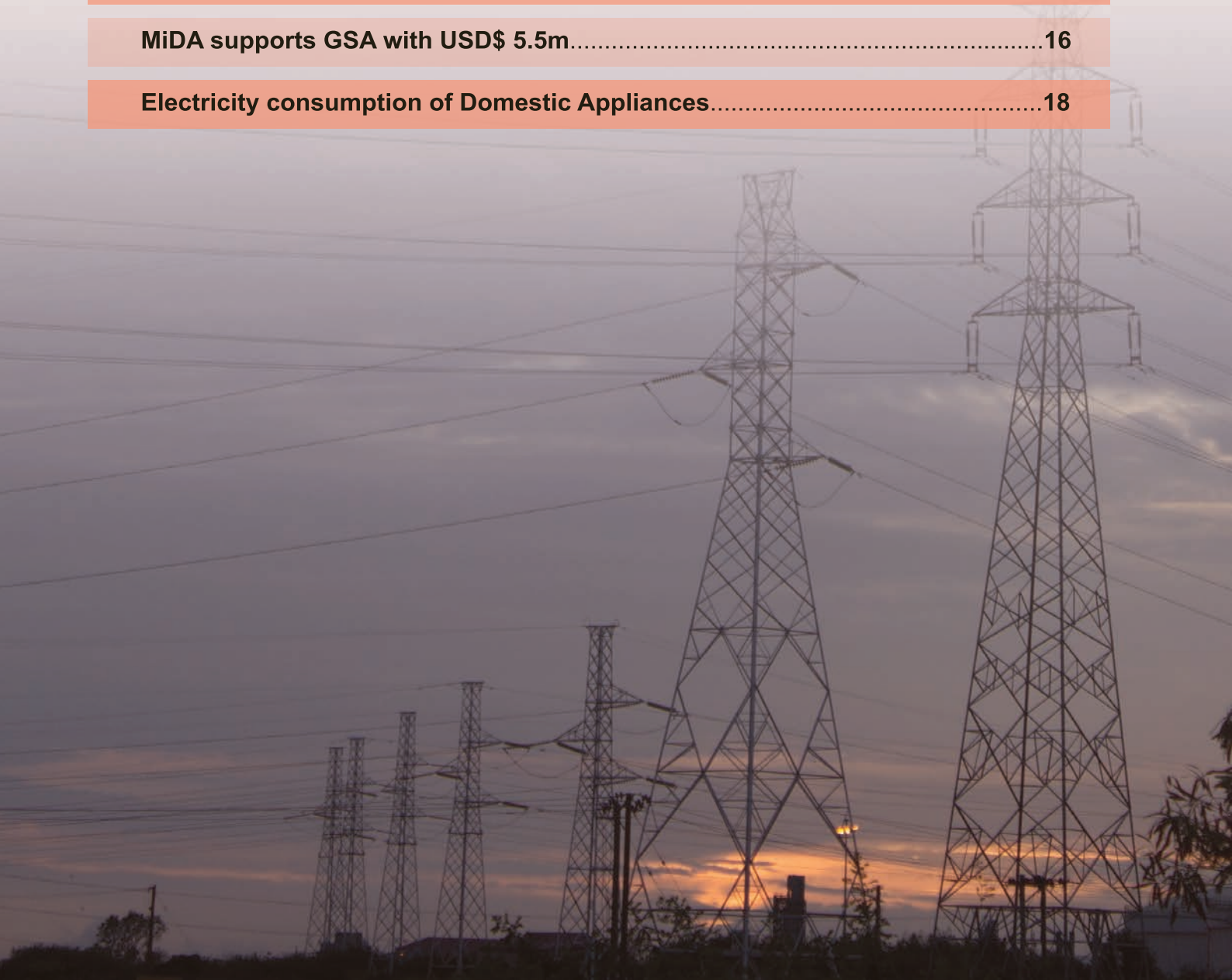
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STORYING DUMSOR: WHAT 4 YEARS OF UNRELIABLE OR UNSUSTAINABLE POWER DID TO US

Ghana's power crisis, popularly referred to as "dumsor" persisted for nearly 4 years. During this period, the impact of the lack of sustainable and reliable power for industries, small and medium businesses, domestic and health uses were dire. From job to life losses, increased cost of doing business, equipment and relational breakdown, dumsor attacked virtually anything it could lay its hands on.

The following, shared credits to MCC, are stories recounted by real persons who interacted with the Millennium Challenge Corporation (MCC).

The MCC is investing in energy infrastructure in Ghana, Liberia, Sierra Leone and Benin to reduce energy poverty.

5TH AVENUE CHEMIST

Richie and his father, Godfred, have been running a pharmacy shop for 16 years. Due to dumsor, they are unable to sell life-saving medicine like insulin because they do not have reliable enough electricity to maintain a refrigerator required to store these drugs at the recommended temperature.

They also lose business when the power goes out because when neighbouring businesses close, fewer customers come

in to buy their medicine. In fact, they saw a 90 percent decrease in business during the worst of the power outages.

DEL ADVERTISING

This printing company was started by a young University of Ghana graduate named Delali in September 2006. When the power went out, he had to go to a friend's office to use his electricity and send emails to his clients.

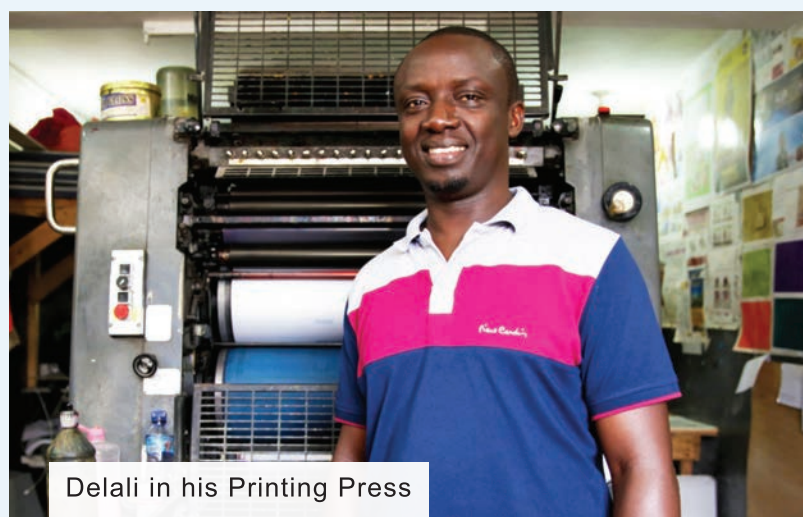
As Del's company grew, his brother Billy joined him.

During the Dumsor era, they were forced to purchase a generator to stay in business. When the generator exploded due to over-use, they lost most of their business because they were unable to meet deadlines. And even though they weren't making money, employees still had to be paid.

Many small- and medium-sized businesses like these are forced to rely on expensive generators, which means they don't have funds to invest in growing their business – if they're able to stay open at all. Private-sector participation alongside targeted infrastructure investments and power sector reforms will help deliver more reliable and affordable power to Ghana's businesses and households.



Richie in his Pharmacy Shop



Delali in his Printing Press

PARTMOR'S SNACKS

Abena and her mom, Patience, have been operating a small Catering Shop for the past 16 years where they bake an assortment of pastries and wedding cakes. Recently, they expanded the business to include a Training Center where they have two young female trainees and one employee.

Like other businesses in the area, they have had a fair share of problems with "dumsor". One of the fridges stocked with drinks caught fire due to a voltage spike. Had it not been for the intervention of neighbours, the entire store would have burned down,



Abena in her Catering Shop

and this could have affected other shops.

NII'S BARBER SHOP

Nii runs a Barber Shop with two other partners. Unreliable power means he is unable to use the equipment he'd need to offer additional services to grow his business, like a nail dryer and refrigerator.

And sometimes he has to turn away customers when the power is off because he needs good lighting to work and without the fan his shop gets too hot and uncomfortable for customers.



Nii in his Barber Shop

MiDA PROCUREMENT PROGRAMME

US\$24 million to be expended in October - March 2018

Over \$24 million is expected to be expended in the planned procurement programme for the period October 1, 2017 to March 31, 2018. The Procurement of Goods and Services dominate the 21 procurement activities planned for the six-month period, with majority of the procurements being done under the ECG Financial and Operational Turnaround (EFOT) Project.

There are nine procurements covering goods, services and consultancy services contracts under the EFOT Project, six under the Energy

Efficiency & Demand Side Management Project, one each for the Regulatory Strengthening & Capacity Building Project and the NEDCO Financial and Operational Turnaround Project and three Non-Consulting Services procurements, which includes services for the production of a Video Documentary on the Compact & ECG PSP activity.

The following is the schedule and status of the procurement programme for the period.

Procurement Programme - Status

Status as at 16th January 2018

Procurement of Goods in:	Status	Procurement of Consulting Services in:	Status
Component 1: ECG Financial And Operational Turn-around (EFOT): Activity 1.3 - Reduction in Commercial Losses And Improvement of Revenue Collection Rates - which include:		Component 1: ECG Financial And Operational Turn-around (EFOT): Activity 1.2 – Modernization Utility Operations Activity - which include:	
* Procurement of Power Quality & Energy Analyzers for ECG Systems Planning Unit	RFQ issued 20th October 2017, Bid Evaluation Completed, Contract Awarded	* Engagement of services of an Enterprise Resource Planning (ERP) System and System Integration Consultant	RFP issued on 9th October 2017, Proposal Evaluation Completed.
* Procurement of Vehicles for ECG Compact Project Activities	RFQ yet to be released	Component 1: ECG Financial and Operational Turn-around Project: Activity 1.4 - Technical Losses Reduction Activity - which include:	
Component 6: Energy Efficiency & Demand Side Management Project: Activity 6.1 Development And Enforcement of Standards & Labels Activity - which include:		* Services of an Environmental and Social Performance (ESH&S) Consultant. (IDIQ)	RFP yet to be released
* Procurement of Office Equipment & Furniture for Ghana Standards Authority Secretariat	RFQ issued 30th October, Bid Evaluation Completed, Contract Awarded	* Services of an ESH&S Consultancy for Pokuase BSP	Evaluation ongoing
Component 6: Energy Efficiency & Demand Side Management Project: Activity 6.3 Education & Public Information Activity - which include:		Component 1: ECG Financial and Operational Turn-around Project: Activity 1.5 - Outage Reduction - which include:	
* Procurement of Office Equipment & Furniture for Ministry of Education Secretariat	RFQ yet to be released	* Services of an Individual Consultant for the Installation of Outage Management System	RFP yet to be released
Component 6: Energy Efficiency & Demand Side Management Project: Activity 6.4 Demand Side Management Infrastructure Activity - which include:		Component 2: NEDCO Financial and Operational Turn-around Project: Activity 2.1 - Private Sector Participation Activity - which include:	
* Procurement of Office Equipment & Furniture for Energy Commission Secretariat	RFQ issued 20th October 2017, Bid Evaluation Completed, Contract Awarded	* Consultancy for Transaction Advisory Services	RFP yet to be released
Component 8: Programme Administration & Oversight: Activity 8.1 - MiDA Administration - which include:		Component 3: Regulatory Strengthening & Capacity Building Project: Activity 3.1 - Sector Performance Monitoring Capacity Building Activity - which include:	
* Vehicle Accessories	RFQ's yet to be released	* Consultancy Services for Capacity Building in Respect of CAPSCAN Outcome	RFP yet to be released
* Office Equipment	RFQ's CCTV Camera issued on 25th October 2017, Bid Evaluation Completed, Contract Awarded.	Component 6: Energy Efficiency and Demand Side Management Project: Activity 6.1 - Development And Enforcement of Standards & Labels Activity - which include:	
* Computers	RFQ's yet to be released	* Services of a Consultant for the Establishment of an AC Test Facility and Additional Test Laboratory	RFP yet to be released
* Furniture and Fittings	RFQ's yet to be released	* Services of a Consultant to do Field Metering & Monitoring Studies (including supply of Testing Equipment)	RFP yet to be released
Procurement of Works in:		Component 6: Energy Efficiency and Demand Side Management Project: Activity 6.2 - Improved Energy Auditing - which include:	
Component 1: ECG Financial And Operational Turn-around (EFOT): Activity 1.3 - Reduction in Commercial Losses And Improvement of Revenue Collection Rates - which include:		* Services of a Consultant to assist in the "Race to Retrofit and Renewal" Program.	RFP issued on 29th September 2017, Evaluation Completed
* Installation of Meters at Critical Distribution Network Nodes	IFB yet to be released		

■ CONTRACT AWARDED ■ PROCESS ONGOING
■ DOCUMENTS YET TO BE RELEASED

*IFB-Invitation for Bids *RFP-Request for Proposals *RFQ-Request for Quotation

Continuation on next page

Procurement of Non-Consulting Services (NCS) in:	Status
Component 8: Programme Administration: Activity 8.1 – MiDA Administration - which include:	
* Services for the Production of a Video Documentary on the MiDA Compact & ECG PSP	Evaluation ongoing
* Services for the Design of an Outdoor Communication and Visibility Campaign	RFP yet to be released
* Services for the Design & Implementation of Document Management System for MiDA	RFQ issued. Submissions received on 15th December 2017

Procurement of IT Services in:	Status
Component 1: ECG Financial and Operational Turn-around Project: Activity 1.2 - Modernization Utility Operations Activity - which include:	
* Services of a Supplier for the Upgrade of ECG Data Center & Communication Network	RFP yet to be released
Component 1: ECG Financial and Operational Turn-around Project: Activity 1.3 - Reduction in Commercial Losses And Improvement of Revenue Collection Rates Activity - which include:	
* Services of a Supplier for a Meter Management System	IFB yet to be released

GHANA'S ENERGY INDUSTRY

BACKGROUND

Ghana has a high demand for power. Domestic demand for electricity is increasing at 10% annually. Over 80% of households are connected to the national grid and private sector participation is being sought to extend access to the remaining population. The national goal is 100% coverage by 2020, while the national Strategic Energy Plan aims at increasing electricity generation to 5500MW by 2026 through the expansion of facilities and operating capacity. Ghana's energy needs are heavily reliant on biomass (which accounts for about half of Total Primary Energy Supply), oil and hydropower. Due to unreliable rainfall, aging of plants and increasing demand due to the expanding economy, changes in the energy mix are required.

Sources of Electricity

Source	%Dependable capacity
Thermal	- 57.3
Large Hydro Power	- 42.2
Renewable energy	- 0.5

Source: Ghana Energy Commission, Energy Statistics, April 2017

A total of 445MW of power capacity was added to the country's installed generation capacity so far in 2017, to bring the installed capacity from 4,132 MW in 2016 to 4,577 MW. The existing 225 MW Karpowership was replaced by a 450 MW Karpowership resulting in an addition of 225 MW capacity. The 340 MW CenPower Project is 85 percent complete. Works also commenced on the 400 MW Early Power Project and 240MW Amandi Power Project.

Under the Transmission System Improvement Projects, GRIDCo continued with the Transmission System Reinforcement Project to improve operational reliability, security and control. Under the Rural Electrification Programme, 289 out of a targeted 2185 communities were connected to the national grid with other projects at various stages of completion. The national electricity access rate increased from 83.24% in 2016 to 83.62% in 2017.

An Energy Sector Bond to offset debts has just been issued.

POLICIES IN THE SECTOR

The current policy is for reliable, economical-ly priced, modern forms of energy. The state-owned utilities are being recapitalized to ensure the financial sustainability of their operations. Power sector reforms are being accelerated to minimize inefficiencies and to meet the projected growth in power demand of 10 % per year over the medium-term.

The goal is to move Ghana away from the dependence on thermal energy towards renewable energy as the primary power for homes, offices and all public facilities. The Vice President has announced that no power purchase agreement will be entered by government for thermal generation of electricity.

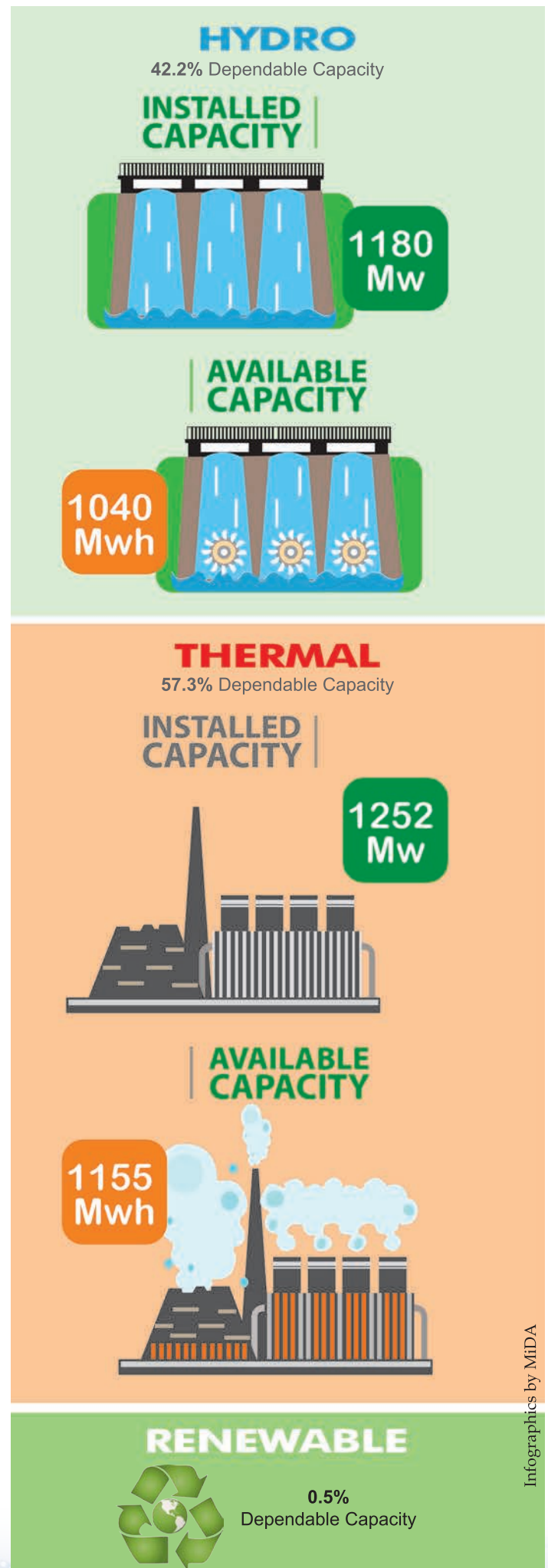
Renewable energy will be incorporated into the energy mix in public institutions such as schools. Also, all hydro generating stations will be converted into hybrid facilities, incorporating solar energy. Through this, 850 megawatts of solar power will be added to the national grid. Government has also announced its intention of putting a cap of more than 10 cents/kWh in the future.

FUTURE TRENDS

Cabinet has granted approval for the full operationalization of the Wholesale Electricity Market (WEM) and its associated mechanisms to improve the governance of the power sector. In addition, the establishment of the Electricity Market Oversight Panel (EMOP) has been approved by Cabinet to ensure smooth operation of the WEM.

The VRA is being restructured to include: a wholly owned entity to manage the hydroelectric facilities separately. Private sector participation in the ownership and management of state-funded thermal power plants will be invited to enhance the development of a competitive power market.

In 2018, government will continue to increase the installed generation capacity by about 484 MW(Cenpower; 340MW, Early Power Phase 1; 144MW) to meet the growing demand of electricity.



Shareholding in the ECG Private Sector

Participation programme has been increased to 51% for Ghanaian partners and the Concession is now 20 years instead of 25. The Concession arrangement is expected to significantly improve the technical and commercial performance of ECG. It is expected that the Concessionaire will reduce total distribution system loss of 18 percent by the end of the first five years, from the current loss level of 24 percent; 15 percent by the end of the 10th year and 12 percent by the end of the 15th year and thereafter. These system loss reductions will translate into substantial reduction in electricity tariffs as the revenue of the utility increases.

REQUIRED INVESTMENTS

Programme	Target
Feasibility & Development of Medium Hydro Potential Sites	3-6 potential sites (200-300MW)
Utility Scale Biomass & Waste to Energy (W2E)	70-150MW
Utility Scale Wind Park	150-500MW
Distributed Grid Connected RE Generation through Net-metering (solar, wind, biomass, hydro)	40-200MW
Utility Scale Solar Farms	150-300MW
Tidal Wave & Other Clean Technologies	N/A

Source: Ministry of Power, 2016

DEMAND AND SUPPLY PROJECTIONS FOR ELECTRICITY

The 2018-2022 table below shows the excess supply of 1,019 MW in 2018, this dips sharply to only 20 MW in 2022. Investments normally take 4 years so 2022 projects need to start now.

INVESTMENTS AND OPPORTUNITIES

- Bioenergy; Solar Energy; Wind Power; Hydro Power: small and large; Tidal and Wave Power
- Renewable energy plants in: wind, solar
- Energy Efficiency and Demand Side Management (DSM)
- Fertilizer from by-products of petroleum industry
- Biomass plants for domestic energy supply/ production of compost from waste
- Infrastructure pipelines for gas

Source: adapted from "Fact Sheet, Ghana Energy Industry, Danish Embassy"

Year	2018	2019	2020	2021	2022
Projected System Demand (MW)	2,646	3,128	3,462	3,712	3,828
Total Supply Required (Demand + Reserve)	3,308	3,910	4,327	4,640	4,784
Total Existing Hydro Capacity (MW)	1,120	1,120	1,120	1,120	1,120
Total Existing Thermal Capacity (MW)	2,362	2,462	2,462	2,462	2,462
Total Existing Renewables (MW)	22.5	22.5	22.5	22.5	22.5
Committed Generation Projects					
Karpower Phase II	220	220	220	220	220
CENPOWER	360	360	360	360	360
Early Power	142	300	400	400	400
GPGC	100	100	100	100	100
VRA T3	0	120	120	120	120
Total Committed Generation (MW)	822	1,100	1,200	1,200	1,200
Expected Total Generation (MW)	4,326.5	4,704.5	4,804.5	4,804.5	4,804.5
Surplus (MW)	1,019	794	477	165	20



MANAGING POWER OUTAGES WITH A MOBILE PHONE



The Smart Age is upon us. Almost everything being done today, from buying food to enrolling in personal development programs and everything in between is driven globally by technology, smart technology. When the mobile phone became the trendiest communication gadget one could own in the early 2000s, two decades after its invention, very few people may have anticipated its future would be in providing smart technological services. Today there are over 2.3 billion smartphone users across the globe, with a projected growth of over 36 percent of the world's population to use a smartphone by 2018.

Modern mobile phones, smartphones, have been altering how people communicate with others, find information, entertain and manage their daily lives. These days mobile phones are capable of doing more than what the average user uses it, i.e. make calls, send text messages and WhatsApp, take memorable pictures and uploads on social media sites Facebook, Instagram etc.

Unknown to many, smartphones have sensors built in them. These sensors can count your steps and movements, thereby serving as health and fitness tracking devices. They also help locate addresses, measure the amount of light in the room then adjusting your screen's brightness accordingly. With these abilities and many others, the smartphone could be a solution to helping manage power outages. How?

Gridwatch- a crowd-sourced automated mobile sensing app that changes how you interact with your utility company. It allows for easy reporting and tracking of power outages to enable the consumer hold utility companies accountable for the service they provide.

How does it work? Smartphones have been fitted with the capability to detect when the phones are charging, how long they have been charging and when charging is stopped. The app is designed to utilise the inbuilt capabilities of your smartphone's sensors, so if the power goes out when your phone is charging Grid-Watch will sense the outage and automatically notify your power company.

What does this mean? That consumers would not have to be calling their electricity service providers to report faults as the app automatically would send notice to the power distributor about the outages in specific localities. The faster the utility company knows about your outage, the faster they can fix it! Where equipped, the App can notify consumers of planned outages in specific locations, which can empower customers to plan their activities with this knowledge. With Smarter Repair Team Scheduling; if your utility company knows about your outage, the faster they can fix it!

Read more about the Gridwatch technology in the Paper Grid Watch: Mapping Blackouts with Smart Phones (Klugman, et al., 2014)

SGIP LAUNCH AND TRAINING WORKSHOP

MiDA in collaboration with MCC organized the launch and training on the Social and Gender Integration Plan (SGIP) on October 9-12, 2017 at the Fiesta Royal Hotel. The training was attended by about forty participants from MiDA, the Implementing Entities, the PMC, the Procurement and Fiscal Agents.

Ing. Owura Kwaku Sarfo, MiDA CEO welcomed everyone to the opening ceremony of the training, which was chaired by Professor Yaa Ntiamoah-Baidu, the MiDA Board Chair. Ms. Elizabeth Feleke, MCC's Deputy Resident Country Representative made a Statement on MCC's perspective on gender and the SGIP. Dr. Cherub Antwi-Nsiah, GSI Director gave the context to the SGIP. The Hon Otiko Afisa Djaba, Minister for Gender, Children and Social Protection gave the keynote address and launched the SGIP report.

The training workshop was facilitated by the MiDA GSI team, MCC GSI Counterpart and three NRECA/ENERGIA Consultants (2 from the US and 1 based in Ghana). The four-day training enhanced participants' understanding of the gender and social inclusion issues in Ghana and those relating to the Compact projects, activities chosen to address the GSI issues in the projects and the specific roles and responsibilities of the various implementing entities and MiDA staff for the SGIAP.

See event photos on pages 10 & 11



Hon. Otiko Afisah Djaba, Minister for Gender, Children and Social Protection

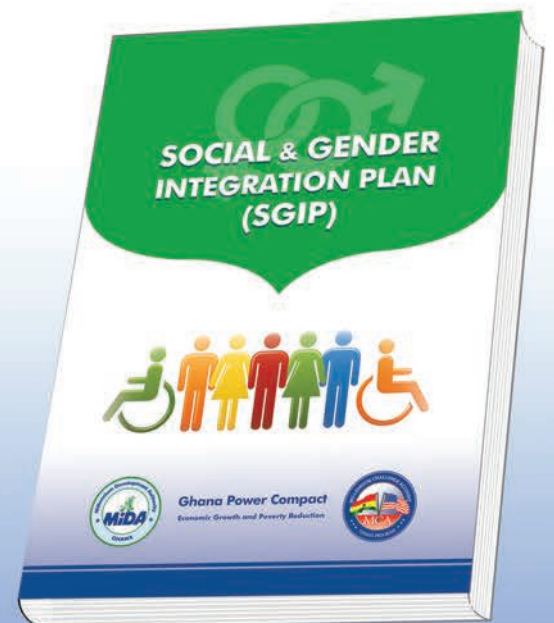
SOCIAL & GENDER INTEGRATION PLAN (SGIP)

SGIP WHAT IS IT?

It is a key requirement for ensuring economic growth that effectively takes account of gender and social inclusion.

It has an action plan which details out activities for MiDA and Implementing Entities (IEs)

It serves as an activity guide and a monitoring tool to ensure a systematic social and gender integration process during the implementation of the Compact.



SGIP LAUNCH AND TRAINING WORKSHOP HELD IN ACCRA



Dr. Cherub Antwi-Nsiah, Director, Gender and Social Inclusion at MiDA



Dr. Yeshiareg Dejene, MCC GSI Counterpart/Facilitator



Suzanne B. Maia - Facilitator



Participants from MiDA, IEs, PMC, Procurement Agent



SGIP LAUNCH AND TRAINING WORKSHOP HELD IN ACCRA



Connie Smyser - Facilitator



Elisabeth Feleke, MCC's Deputy Resident Country Representative



Professor Yaa Ntiemoa-Baidu, MiDA Board Chair.



and Fiscal Agent at the Training Workshop



Dr. Rose Mensah Kutin - Facilitator



MIDA HOLDS SECOND BIDDERS

MIDA held the Second Bidders Conference in Accra, Ghana from October 3 through October 6, 2017. The Second Bidders Conference was held to give the Shortlisted Applicants an opportunity to ask and receive responses to questions from Government of Ghana (GoG) parties on the draft Request for Proposal (RfP) document.

The Applicants have, among others, sought clarifications on the Terms and Conditions of the Concession Transaction and got the opportunity at their respective Meetings with Government during the Conference, to suggest ways in which the RfP Document could be made clearer on a number of key issues.



Government of Ghana Delegation



CONFERENCE IN ACCRA



Meralco Company Representatives



CH Group Representatives



BXC Company Representatives



The Tata Power Company Representatives

MiDA APPOINTS INTERIM CEO



Martin Eson-Benjamin

The Millennium Development Authority (MiDA), and the former CEO, Ing. Owura K Sarfo, have agreed to a mutual separation. Mr. Martin Eson-Benjamin, the former CEO of MiDA during Compact 1, will act as Interim CEO with effect from December 5, 2017 until a new CEO is appointed.

Mr. Martin Eson-Benjamin brings a unique set of skills and expertise to MiDA having successfully implemented Compact 1 within the five year period from 2007 to 2012 and ensured that over 95% of the grant funds were disbursed on project investments. He achieved this feat on the back of a solid track record in the private sector, having previously performed Executive roles at Unilever Ghana and the Heineken Subsidiary, Ghana Breweries Limited.

MiDA looks forward to continuing to work with its various stakeholders to deliver the Compact for the people of Ghana.

Energy Efficiency Tip

Electric irons, like electric water heaters are high electricity consuming appliances.

Do all your ironing in bulk. Each time you put off the iron for it to cool and put it on again, you draw a lot of energy that could have ironed one shirt.

Make sure you are ready to iron before switching on the iron in order not to waste too much time and energy. For example do not watch television whilst you do ironing since you are likely to lose concentration and waste time unnecessarily.

Source: www.ecgonline.info



ECG PSP FINAL RFP ISSUED TO PROSPECTIVE BIDDERS

The final Request for Proposals (RfP) Document that specifies the provisions under which a private sector entity, through a concession arrangement, would improve the financial and operational fortunes of Electricity Company of Ghana (ECG) has been issued to the transaction's Prospective Bidders. The release of the final RfP Document means that the Millennium Development Authority (MiDA) can, on behalf of the Government of Ghana (GoG), receive Proposals detailing how the Bidders plan to manage, invest in, and operate the assets of ECG.

The final RfP incorporates Government's position on the structure of the concession; the tenure of the concession, assurance of employment for ECG Staff, and the ownership structure of the new entity which will serve as the special purpose vehicle for the concession arrangement.

Commenting on the RfP, the Chief Executive Officer of MiDA said that MiDA received valuable contributions from stakeholders during the development of the RfP and in the definition of the contents of the last addendum. He added that Ghanaians can be comforted by the fact that the ECG PSP has been structured to guarantee that the national interest is preserved and that Ghana gets the full benefit of the transaction.

The road towards the procurement of a competent private sector partner for ECG has been long and challenging. It will be recalled that in August 2016, MiDA issued an RfP to Prospective Bidders and has collaborated with various Government and key MDA's namely, Ministries of Finance, Energy, Justice and Attorney General's Department, Public Utilities Regulatory

Commission (PURC), Energy Commission (EC) and ECG, to engage with the Prospective Bidders at two Bidders Conferences. These engagements were used to receive comments, clarify, and answer questions from the Bidders on the transaction and enabled MiDA and the relevant stakeholders to fine-tune every aspect of the Bid Document.

By the close of the year 2018, the rather long selection process for the Concession is expected to be completed, the Winning Bidder announced and the transaction closed. The handover of ECG's distribution business to the Winning Bidder is scheduled for the first quarter of 2019.

The ECG Private Sector Participation Activity under the EG Financial and Operational Turnaround Project is one of many other activities listed under the Ghana Power Compact Program signed between the Government of Ghana and the Government of the United States of America acting through its Agency, the Millennium Challenge Corporation (MCC). The Five year \$537m Power Compact Program, comprising six major projects and designed to improve power supply in Ghana, is expected to encourage and catalyze private investments into Ghana's power sector. This will result in improved availability of reliable power supply, a major requisite for transforming Ghana's economy.

Many Ghanaians are hopeful of the prospects of the Ghana Power Compact Program if implemented successfully and have embraced the positive transformational change that is envisaged in the coming years.



MiDA SUPPORTS GSA WITH USD\$ 5.5m TO PROMOTE ENERGY EFFICIENCY

The Millennium Development Authority (MiDA) is supporting the Ghana Standards Authority (GSA) with approximately US\$5.5 million, under the MCC Compact II, for the national standards body to undertake activities aimed at promoting energy efficiency and conservation in power use.

The funds are part of a second five-year US\$498 million Millennium Challenge Corporation (MCC) compact, signed by the Government of Ghana and the US Government to improve the country's power sector. This entered into force in September 2016.

MiDA and GSA have subsequently signed an Implementing Entity Agreement (IEA) to undertake a number of activities in connection with the Energy Efficiency and Demand Side and Management (EEDSM) Project.

The project consists of four key activities which are:

1. Development and Enforcement of Standards and Labels Activity – which will develop the regulation

and enforcement for the use of higher efficiency appliances, aimed at saving overall energy consumption. This will also see the construction of an AC Test Facility and Installation of two additional Test labs.

2. Improved Energy Auditing Activity – which will build national capacity in energy auditing through establishing training centres and implementing programs for evaluating energy consumption and determining ways to save and conserve energy. This activity will involve Demonstration Audits to promote Energy Efficiency Retrofits in institutional and government facilities.

3. Education and Public Information Activity - will sensitize the public about energy efficiency and conservation through behavioural change. In addition there will be the development of an Energy Efficiency component to be integrated in to the current pre-tertiary school curriculum.

4. Demand Side Management Infrastructure Activity - which involves undertaking a pilot solar



Mr. Martin Eson-Benjamin(R), CEO of MiDA presenting the items to Prof. Alex Dodoo(L), GSA Director-General

program and getting the public to use solar systems for addressing the high lighting loads, as well as installation of energy efficient street lighting(LED) to replace existing high energy consuming street lights.

Expected Impact

Collectively, the activities will significantly reduce peak demand, ensure adequate supply for all and reduce investments in expensive additional generation facilities. Increase in customer knowledge and use of energy efficiency products will result in savings for households and businesses.

Energy efficiency standards and labelling are being developed to provide information on the energy efficiency performance of 20 energy consuming appliances and products available on the market, to help remove low-quality energy wasting products from sale and consumer households. In addition, the standards and labelling that do exist are benefitting greatly from technical updates and enforcement support.

Standards Development Process

Under the agreement, MiDA will procure international standards for adoption by the GSA directly from International Standards Organisations (ISOs). But, before the Standards are purchased for adoption, the Technical Committee (TC) and related committees constituted by the GSA and EC shall identify and select the relevant ISOs for the identified products. This activity is of utmost importance to help in the selection and collection of Standards to be purchased.

The GSA will then follow the Standards Development Process, which involves a multi-stakeholder and consensus building approach, to develop the Standards. This, typically, begins with a request initiating a new work item proposal, formal approval, and assigning the relevant TC to undertake the project from the preparatory stages, right through the public comment stage, to gazetting and publication.

Presentation of Office Equipment

As part of the IEA, MiDA, on December 22, presented a set of office equipment, including computers and accessories, printers, photocopiers and a projector, to GSA to support its work. At a short ceremony to hand over the items, Mr. Martin Eson-Benjamin, Chief Executive Officer (CEO) of MiDA said: “We are pleased

to present a set of office equipment, valued at sixty five thousand, seven hundred and ninety cedis and eighty-eight pesewas (GH¢65,790.88), to support your work”.

“We are committed to work with stakeholders to deliver the Compact for Ghanaians. We have been collaborating closely with the GSA to upgrade and adopt standards for 20 energy consuming products and appliances in Ghana. The energy efficiency standards and labelling are being developed to provide information on the performance of the selected appliances and products on the market.”

Mr Eson-Benjamin noted that, so far, the existing standards for “Refrigerators” and “Airconditioners” in Lot 1 have been upgraded or revised, and new standards for “Ceiling Fans & Regulators”, “Television Sets”, “Satellite Decoders/TV Signal Boxes” and “Lighting – (Domestic/Commercial Lighting/Street Lighting)” have been adopted by the GSA Technical Committee.

“We wish to assure the management and staff of GSA that we are fully committed to this partnership and look forward to continually enjoy this collaboration as we work on the remaining activities which are: Developing standards for energy consuming products in the other three (3) lots, and the Installation of the AC Testing Facility and two additional Test Labs”.

The items were received on behalf of GSA by its Director-General, Prof. Alex Doodoo. He thanked MiDA for the support, and noted that the partnership would help promote energy efficiency and conservation in power use, which are needed for the country's transformation agenda.

“We aim to become a customer-focused world-class standards organisation, with a mission is to contribute towards the growth of industry, protect consumers, and facilitate trade through standards, metrology and conformity assessment.”

The GSA is in the process of gazetting the upgraded and adopted standards, following which a Legislative Instrument will be drafted for Parliament's promulgation.

Revised, Source: www.modernghana.com

**ENERGY COMMISSION
GHANA**



**Electricity Consumption
of Domestic Appliances**

**USE
ELECTRICITY
WISELY**



HIGH CONSUMPTION

DOMESTIC APPLIANCES

LOW CONSUMPTION

ADVERTISEMENT

AFRICA'S PROMISE INTERNSHIP PROGRAMME

1. Introduction

The Government of Ghana has a grant from the Millennium Challenge Corporation (“MCC”) a United States Government Agency. The Millennium Challenge Corporation (“MCC”) entered into a Millennium Challenge Compact on August 5, 2014 under which MCC will provide funding to the Government of Ghana. The Millennium Development Authority (MiDA) is responsible for the management of the implementation of the Compact and is therefore seeking to engage qualified persons for Internship in the under listed departments for the management and implementation of the Compact program in a transparent, timely effective, efficient, results-oriented and fiscally sound manner.

1. Finance
2. Procurement
3. Legal
4. Distribution Project.

2. Objective of Internship

Millennium Challenge Corporation (MCC's) Africa's Promise is a new initiative to provide African youth aged 18 to 35 with development internship opportunities that will build their technical and leadership skills and expand their horizons. Interns will support the large-scale development projects of MCC-funded compact program in Ghana and will be exposed to targeted professional development and networking opportunities in both the public and private sectors. Employment is not guaranteed after the internship period.

3. Duration: 6-months

4. Duty Station: Accra

5. SKILLS NEEDED

- i. Strong Analytical Skills
- ii. Problem solving skills

- iii. Computer skills
- iv. Interpersonal and Communication Skills
- v. Project Management Skills

6. BEHAVIOURAL ATTRIBUTES

- i. Show initiative and commitment to delivering results
- ii. Ability to work in a team and individually
- iii. Manage own workload effectively and efficiently; and
- iv. Attention to details and deadline driven
- iii. Computer skills
- iv. Interpersonal and Communication Skills
- v. Project Management Skills

7. QUALIFICATION AND REQUIREMENTS

Applicants should hold at least a Bachelor's degree in the fields of Accounting, Legal, Procurement, and Electrical Engineering and must have completed their National Service Program.

8. MODE OF APPLICATION

Applications should be sent via email to intern@mida.gov.gh. To receive consideration, applicants must include their curriculum vitae of not more than 3-pages stating the department they want to do their internship in, qualifications, experience and provide three professional references, contact phone number(s) and email address (es) by which they can easily be reached. Applications must be received by MiDA not later than midnight on Thursday 18th January 2018.

9. APPLICATION AND SELECTION PROCESS

MiDA is accepting online applications from 4th to 18th January 2018. Shortlisted candidates will be contacted for the next phase of the selection process. If you have not been contacted by the close of business on 31st January 2018 then you have not been shortlisted. Due to the volume of applications, we do not confirm receipt of applications.

ECG FINANCIAL AND OPERATIONAL TURNAROUND PROJECT



ACTIVITIES

- Private Sector Participation Activity
- Modernizing Utility Operations Activity
- Reduction in Commercial Losses and Improvement of Revenue Collection Rates Activity
- Technical Loss Reduction Activity
- Outage Reduction Activity

NEDCo FINANCIAL AND OPERATIONAL TURNAROUND PROJECT



ACTIVITIES

- Private Sector Participation Activity
- Modernizing Utility Operations Activity
- Tamale Service Area Improvement Activity
- Commercial Development Activity

ACCESS PROJECT



ACTIVITIES

- Improved Electricity Supply to Micro, Small and Medium Enterprises in Selected Markets and Economic Enclaves and Social Institutions Activity
- Improved Service Delivery and Strengthening Partnership Activity

Powering Ghana for Accelerated and Sustainable Economic Growth



ENERGY EFFICIENCY AND DEMAND SIDE MANAGEMENT PROJECT



ACTIVITIES

- Development and Enforcement of Standards and Labels Activity
- Improved Energy Auditing Activity
- Education and Public Information Activity
- Demand Side Management Infrastructure Activity

ENVIRONMENTAL AND SOCIAL PERFORMANCE



ACTIVITIES

- Land Acquisition and Involuntary Resettlement Along Utility Corridors
- Occupational and Community Health and Safety of Electrical Power Infrastructure
- Environmental and Social Impact of Power Infrastructure Activities

GENDER AND SOCIAL INCLUSION



ACTIVITIES

- Promote consultations and engagements with relevant stakeholders in project design and implementation to strengthen gender and social inclusion in project activities
- Develop and implement gender and social inclusion operational and management tools
- Partner and collaborate with key gender and energy organizations to promote gender equality

**Millennium Development Authority
4th Floor, Heritage Tower,
Liberation Road, Ambassadorial Plaza
Ridge West, Accra.**

**Postal Address
Private Mail Bag 56
Stadium Post Office Accra**

**Email:
info@mida.gov.gh**

**Website:
www.mida.gov.gh**

**Telephone:
+(233) 302 666619
+(233) 302 666621
+(233) 302 666624**

**Fax:
+(233) 302 666579**

