



GHANA POWER COMPACT

INAUGURATION METER MANAGEMENT SYSTEM (MMS) FOR ELECTRICITY COMPANY OF GHANA

Date:
September 22, 2021

Venue:
**ECG Projects Office
Kwame Nkrumah Circle**



METER MANAGEMENT SYSTEM (MMS) FOR ECG

The Millennium Development Authority (MiDA) has installed a Meter Management System (MMS) for the Electricity Company of Ghana (ECG). The cost of the System is US\$15,892,800 with MiDA contributing an amount of US\$11,189,901.

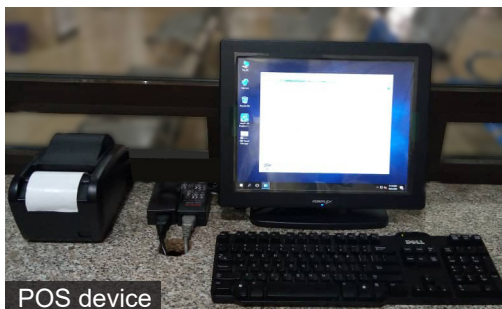
The System was procured with funds from the Millennium Challenge Corporation (MCC), a United States Government Agency. The MCC is providing an amount of US\$315.85m to fund its second Compact with Ghana.

The MMS System is designed to enable the integration of ECG's Smart Pre-paid Metering Platforms and enhance customer experience. The System comprises a number of Metering Softwares, 17 Servers, 40 Point-of-Sale devices, UPSs, laptops and printers.

The state-of-the-art Meter Management System, supplied and installed by Messrs. Siemens SA, will have full redundancy, involving a backup that will enable the System to run uninterruptedly. It has a Primary Site and a Disaster Recovery Site, with an online real time automatic backup capability. The days when customers could not buy Pre-paid Credit because a Pre-paid Metering Server has failed, will soon be behind ECG.

The System will also contribute significantly to improving ECG's revenue mobilization efforts and will give customers greater flexibility in paying for electricity, as it will enable customers to buy any amount of Pre-paid Credit wherever they may be in Ghana.

The MMS Project is being implemented under the Ghana Power Compact's Reduction in Commercial Losses and Improvement of Revenue Collection Activity; a component of the broader ECG Financial and Operational Turnaround (EFOT) Project.

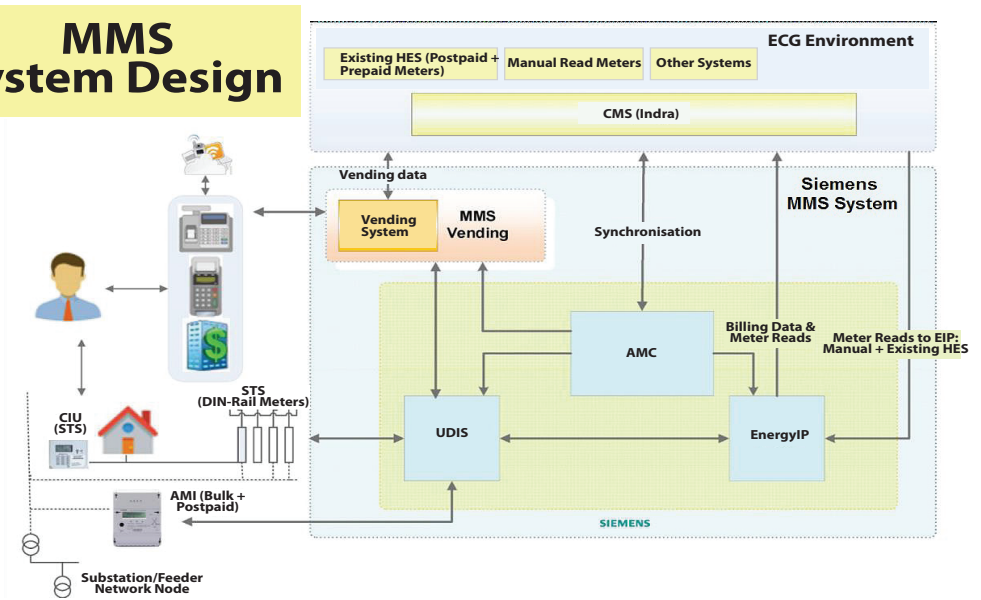


PROGRAMME

- 9.30 Guests Arrive
- 10.00 Opening Prayer
- 10.05 Welcome Address - MiDA Board Chair
- 10.10 Statement by ECG - ECG Board Chair
- 10.15 Statement by MCC - MCC Resident Country Director
- 10.20 Statement by Siemens - Martin Kuhlmann,
Sales Director, DG Software & Solutions
- 10.25 Statement by Minister for Energy - Hon. Dr. Matthew Opoku Prempeh, MP
- 10.35 - Ceremonial Inauguration
of MMS Facility
- Handing over of Cable Test Van
- 10.55 Group Photograph
- 11.00 Closing Prayer



MMS System Design



- Funding : Millennium Challenge Corporation / Government of Ghana
- Contractor : Siemens Pty Ltd, S.A.
- Project Manager : SMEC International Pty Ltd
- Contract Price : US\$15,892,800
- Project Start Date : 26/04/2019
- Project End Date : 30/08/2021
- System Capacity : 3 million Meters (expandable to 5 million)
- No. of Control Centers : 2 Regional Control Centers (expandable to 10)
- Redundancy (uptime) : 99.5%

Benefits include:

- Pre-paid credit purchase anywhere
- A centralized system leading to reduction in operation and maintenance cost
- Redundancy Systems to increase availability
- User-friendly customer web portal giving customers access to consumption and billing data
- Universal system for multiple meter integration
- Automatically detect and report on electricity theft/illegal connections
- Facilitates Revenue Protection
- Automation causing reduction in operational cost