

MAINSTREAMING ENERGY SUSTAINABLE DEVELOPMENT GOALS
(SDGs), TARGETS AND INDICATORS INTO STATISTICAL
PROGRAMMES IN SELECT AFRICAN COUNTRIES

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NATIONAL ENERGY STATISTICAL PROGRAMME – The Gambia

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AGENDA

- **Country Profile and Energy Situation**
- **National Statistical System**
- **Energy Statistics**
 - **Electricity**
 - **Petroleum**
 - **Renewable Energy**
 - **Domestic Energy**
- **Way forward**

Country Profile and Energy Situation

- Area: 11,300km²
- Population: 1.9 million
- GDP/capita: US\$502
- Access to Electricity: 40%
- Electricity Production: 270,316 MWh (2014)
- Installed Capacity: 102.78 MW (2014)
- Average Electricity Tariff: US\$ 0.25
- T&D Losses: 20%
- Electricity Production /capita: 0.14 MWh
- Access to Modern Cooking Energy: ≈ 37%



National Statistical System

- National Statistical System comprises different institutions and systems responsible for the collection, processing, storage and dissemination of national statistics.
- The Gambia Bureau of Statistics (GBoS) is the supervisory Authority for the national statistical system
- GBoS is the official custodian of all national statistics. Due to limited capacity of the Bureau and the specialized nature of some sectors, some institutions are responsible for their sectors' statistics, but under the overall supervision of GBoS.
- GBoS has an elaborate infrastructure for data collection such as Statistical officers and trained enumerators
- Energy is one of the sectors GBoS does not collect data for. Ministry of Energy is responsible for collecting data for the energy sector.

Energy Statistics – Electricity Sub-sector

- Electricity Production - 2011 to 2014

YEAR	PRODUCTION (MWh)
2011	251,304
2012	245,107
2013	248,795
2014	270,316

Energy Statistics – Electricity Sub-sector

- Electricity Generating Capacities as at end 2014

Generating Plants (Location)	Type of Generation	Installed Capacity (MW)	Available Capacity(MW)
Kotu	HFO	41.4	27
Brikama 1	HFO	38.4	27.5
Brikama 2	HFO	9	8.5
Tanji	Wind	0.9	Nil
Provincial Stations			
Essau	LFO	0.8	Nil
Farafenni	LFO	4.5	Nil
Kerewan	LFO	0.9	Nil
Kaur	LFO	0.66	Nil
Bansang	LFO	1.9	Nil
Basse	LFO	4.32	Nil

Energy Statistics – Petroleum Sub-sector

- Petroleum Products Importation (MT) – 2010 to 2014

YEAR	Diesel Oil (Gasoil)	Petrol (Gasoline)	Jet Fuel	Heavy Fuel Oil (HFO)	Liquefied Petroleum Gas (LPG)
2010	67,433.702	20,251.230	17,959.040	51,361.296	2,250.000
2011	70,041.606	22,331.450	22,126.430	50,663.090	2,235.000
2012	67,675.040	21,210.540	16,177.720	56,439.865	2,288.000
2013	64,817.422	22,209.977	22,124.630	51,075.462	2,250.000
2014	72,461.220	24,637.907	14,835.350	65,863.967	2,265.000

Energy Statistics – Renewable Energy Sub-sector

- Renewable Energy Installations

Installation (company)	Type of Technology	Capacity (kW)
Gamwind	Wind Turbine	900
Batokunku Community	Wind Turbine	150
QCELL	Wind Turbine	150
Mbollo	Solar PV/ Wind Hybrid	29
Leo's Hotel	Solar PV	20
Lemon Creek Hotel	Solar PV	60
NAWEC	Solar PV	60
Bijilo Medical Clinic	Solar PV	10
Makasutu Lodge	Solar PV	11.3

Energy Statistics – Domestic Energy Sub-sector

- Consumption of Domestic Energy (MT) 2010 to 2014

Year	Firewood	Charcoal	Peanut Shell Briquette	Liquefied Petroleum Gas (LPG)
2010	Nil	Nil	Nil	2,250.000
2011	Nil	Nil	56	2,235.000
2012	Nil	Nil	52	2,288.000
2013	Nil	Nil	2.8	2,250.000
2014	Nil	Nil	8	2,265.000

Way Forward

- There are some gaps in the data collection, especially in the renewable and domestic energy sub-sectors, mainly because activities in these sub-sectors are largely informal.
- For the purposes of proper planning and keeping track of our progress toward SE4ALL, there is urgent need to improve our data collection and processing.
- Ministry has established a planning unit that will be responsible for the entire energy sector data collection and processing.
- The staff at the planning unit of the Ministry will be trained in energy statistics to have the necessary capacities to handle the sector's data requirement.
- The planning unit at the Ministry will be working closely with the Gambia Bureau of Statistics and other statistical agencies.

THANK YOU VERY MUCH