

UNITED REPUBLIC OF TANZANIA



MINISTRY OF ENERGY AND MINERALS

NATIONAL ENERGY POLICY, 2015

ENERGY AND WATER UTILITIES REGULATORY
AUTHORITY (EWURA)

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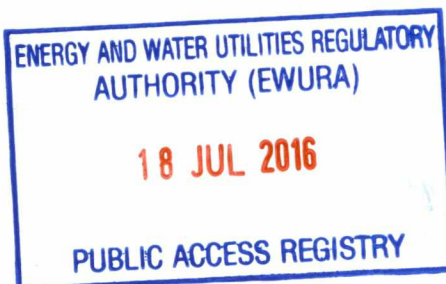
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ABBREVIATIONS AND ACRONYMS

BoE	Barrel of Oil Equivalent
CBOs	Community Based Organizations
AIDS	Acquired Immune Deficiency Syndrome
CSOs	Civil Society Organizations
CSR	Corporate Social Responsibility
EAC	East African Community
EWURA	Energy and Water Utilities Regulatory Authority
FBOs	Faith Based Organizations
FDP	Field Development Plan
GoT	Government of Tanzania
GW	Gigawatt
HIV	Human Immune deficiency Virus
LNG	Liquefied Natural Gas
LPG	Liquefied Petroleum Gas
MDAs	Ministries, Departments and Agencies
MEM	Ministry of Energy and Minerals
MPPA	Model Power Purchase Agreement
M&E	Monitoring and Evaluation
MWe	Megawatt Electricity
MT	Metric Tonnes
NEMC	National Environment Management Council
NGOs	Non Governmental Organizations
OSHA	Occupational Safety and Health Authority
PPA	Power Purchase Agreement
PPP	Public Private Partnership
PSA	Production Sharing Agreement
PSMP	Power System Master Plan
REA	Rural Energy Agency
REF	Rural Energy Fund
REFIT	Renewable Energy Feed in Tariff
SADC	Southern African Development Community

SME	Small Medium Enterprises
SPP	Small Power Producers
TANESCO	Tanzania Electric Supply Company
TCF	Trillion Cubic Feet
TPDC	Tanzania Petroleum Development Corporation
Wp	Watt peak
2D Seismic Data	Two Dimensional Seismic Data
3D Seismic Data	Three Dimensional Seismic Data



MEASUREMENTS AND CONVERSION FACTORS

MEASUREMENTS

Gigawatt-hour (GWh) = 1,000,000
kilowatt-hour (kWh)

Megawatt-hour (MWh) = 1,000
kilowatt-hour (kWh)

Megawatt (MW) = 1,000
kilowatt (kW)

CONVERSION FACTORS

1 Watt-hour = 3,600 Joules (J)

1 Tonne of Oil Equivalent (TOE) = 42.7 Giga Joules (GJ)

1 Trillion Cubic Feet (TCF) of Natural Gas = 180 million Barrels of Oil Equivalent

Symbol	Unit	Conversion
Bbl	Barrel	= 0.15899 cubic metres
BoE	Barrel of oil equivalent	= 5,800 cubic feet
BTU	British Thermal Unit	= 1.06 kJ 1kJ = 0.948 BTU
CF	Cubic feet	= 0.02822 cubic metres
kWh	kilowatt hour	= 1,000 Watt hours
m ³	Cubic metre	= 6.289 barrels = 3.53 x 10 ⁻¹¹ TCF
mmBTU	million British Thermal Unit	= 293 kWh
mmscfd	million standard cubic feet per day	= 28,316.85 cubic metres per day
TOE/toe	Tonnes of oil equivalent	= 39.68 million BTU = 10 million kilocalories
Tonne	Metric tonne	= 1,000 kilogramme (kg) = 2,204.6 Pounds (lb)
TCF	Trillion Cubic Feet	= 180 million Barrels of Oil Equivalent