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PROJECT APPRAISAL DOCUMENT

ON A

PROPOSED CREDIT

IN THE AMOUNT OF SDR x MILLION (US\$ 49.15 MILLION EQUIVALENT)

TO THE

REPUBLIC OF UGANDA

FOR A

ENERGY FOR RURAL TRANSFORMATION PROJECT

October 18, 2001

**Energy Team**  
**Infrastructure Group**  
**Africa Region**

## CURRENCY EQUIVALENTS

(Exchange Rate Effective October 18, 2001)

Currency Unit = Uganda Shillings (UGX)

UGX 1 = US\$0.00057

US\$1 = UGX 1741

## FISCAL YEAR

July 1 -- June 30

## ABBREVIATIONS AND ACRONYMS

AC	Alternating Current
AFRREI	Africa Rural and Renewable Energy Initiative
AIDS	Acquired Immune Deficiency Syndrome
AKFED	Aga Khan Fund for Economic Development
APL	Adaptable Program Loan
ASPEN	Africa Social and Environmental Unit
BOOT	Build Own Operate Transfer
BOS	Balance of System
BOU	Bank of Uganda
BUDS	Business Uganda Development Service
CAS	Country Assistance Strategy
CBO	Community Based Organization
CDD	Community Driven Development
CDF	Comprehensive Development Framework
CDM	Clean Development Mechanism
CEO	Chief Executive Officer
CIGRE	Conference Internationale Grands Réseaux Electriques
CO <sub>2</sub>	Carbon Dioxide
CQ	Selection based on Consultant Qualifications
DC	Direct Current
DFID	Department for International Development
DPP	Detailed Procurement Plan
EIA	Environmental Impact Assessment
EMP	Environmental Management Plan
EOI	Expressions of Interest
ERR	Economic Rate of Return
ERT	Energy for Rural Transformation
ESMAP	Energy Sector Management Assistance Program
FI	Financial Intermediation
FRR	Financial Rate of Return
GDP	Gross Domestic Product
GEF	Global Environment Facility
GHG	Greenhouse Gas
GOU	Government of Uganda
GPN	General Procurement Notice
GSM	Global System for Mobile Communications
GWh	Gigawatt Hour
IBRD	International Bank for Reconstruction and Development
ICB	International Competitive Bidding
ICT	Information/Communication Technology

IDA	International Development Agency
IEEE	Institute of Electrical and Electronic Engineers
IFC	International Finance Corporation
IPP	Independent Power Producer
IPS	Industrial Promotion Service
ISP	Internet Service Provider
IXP	Internet Exchange Point
KW	Kilowatt
KWh	Kilowatt hour
LC3	Local Council 3
LC5	Local Council 5
LCS	Least-Cost Selection
LIL	Learning and Innovation Loan
M&E	Monitoring and Evaluation
MEMD	Ministry of Mineral and Energy Development
MOF	Ministry of Finance
MOFPED	Ministry of Finance Planning & Economic Development
MOLG	Ministry of Local Government
MTN	Mobile Telephone Network
MWh	Megawatt hour
NEMA	National Environmental Management Authority
NFB	Not Bank Financed
NGO	Non-Governmental Organization
NORAD	Norwegian Agency for Development
NOx	Nitrogen Oxides
NPV	Net Present Value
NRECA	National Rural Electric Cooperative Association
OD	Operational Directive
OED	Operations Evaluation Division
OPP	Overall Procurement Plan
PCD	Project Concept Document
PCF	Prototype Carbon Fund
PDR	People's Democratic Republic
PEAP	Poverty Eradication Action Plan
PMA	Plan for Modernization of Agriculture
PMR	Project Management Reports
POP	Point of Presence
PPA	Power Purchase Agreement
PRSP	Poverty Reduction Strategy Paper
PSF	Private Sector Foundation
PV	Photovoltaic
QBS	Quality Based Selection
QCBS	Quality and Cost Based Selection
RCDF	Rural Communications Development Fund
RE	Rural Electrification
REA	Rural Electrification Agency
REF	Rural Electrification Fund
RET	Renewable Energy Technology
SCOUL	Sugar Corporation of Uganda Ltd.
SFB	Selection under a Fixed Budget
SHS	Solar Home System
SIDA	Swedish International Development Agency
SIL	Sector Investment Loan
SME	Small & Medium Enterprise

SOx	Sulfur Oxides
SPP	Small Power Producer
TA	Technical Assistance
UCC	Uganda Communications Commission
UEB	Uganda Electricity Board
ULAA	Uganda Local Authorities Association
UNDP	United Nations Development Program
UNICEF	United Nations International Children's Education Fund
URECL	Uganda Rural Electrification Company Ltd.
USTDA	United States Trade and Development Agency
UTL	Uganda Telecommunications Ltd
VSAT	Very Small Aperture Terminal
WBG	World Bank Group
WHO	World Health Organization
WorLD	World Links in Development Program
Wp	Watt Peak

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**UGANDA**  
**ENERGY FOR RURAL TRANSFORMATION PROJECT**

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