

ENERGY		United States Commercial Service Africa				
Project Name	Value	Link to Project Documents	Description	Status	Contact	U.S. Commercial Service Contact
Benin, Increased Access to Modern Energy	\$95 million	http://web.worldbank.org/external/projects/main?pagePK=64283627&piPK=73230&theSitePK=40941&menuPK=228424&Projectid=P110075	The project as envisaged has four major components. Its overall financing requirement is US\$114 million, with IDA financing of US\$60 million. Component 1: Transmission Backbone (US\$35 million). This component will help putting in place the necessary transmission and generation framework, which will allow for significant increases in electrification rates in Benin. A key element is the 300 km transmission interconnection between Onigbolo (south-eastern Benin) and Parakou (northern Benin). Component 2: Electrification (US\$14 million). This component will support rural and urban electrification in Benin in targeted areas. It will supplement and reinforce existing partner-funded programs by means of targeted investments in the distribution network and through extensions of this network. Targets and timetables for electrification are being reviewed under the ongoing ESDP project. This component will be implemented by SBEE. Component 3: Sustainable Energy Services (US\$5 million). This component will focus on rendering energy services to consumers more sustainable through development of a business plan and strategy for the energy sector, which would set out the revenue profiles for key sector institutions to allow for the assessment of investment and operation decisions' impact on financial viability. Component 4: Biomass Energy and Inter-fuel	Pipeline	Fanny Missfeldt-Ringius Senior Energy Economist Tel: (202) 458-9645 Fax: (202) 614 1337 Email: fmissfeldt@worldbank.org	Steve Morrison Senior Commercial Officer Tel: +221-33-823-4296 x3202 Fax: +221-33-842-9821 Email: steve.morrison@mail.doc.gov
Burkina Faso, Energy Access Project	\$41.1 million	http://web.worldbank.org/external/projects/main?pagePK=64283627&piPK=73230&theSitePK=258644&menuPK=258670&Projectid=P078091	The Burkina Faso - Energy Access Project aims to support Burkina Faso's efforts to increase access to, and use of energy services to improve living conditions in selected rural, peri-urban, and urban areas. The project includes the following components: increasing access to electricity services in the urban, peri-urban and rural areas; woodfuels supply management and inter-fuel substitution initiatives; and institutional strengthening, capacity development, and harmonization.	Active: 7/26/2007- 4/30/2013	Koffi Ekouevi Senior Economist Tel: (202) 458-4375 Fax: (202) 473-5123 Email: kekouevi@worldbank.org	Steve Morrison Senior Commercial Officer Tel: +221-33-823-4296 x3202 Fax: +221-33-842-9821 Email: steve.morrison@mail.doc.gov

<p>Burundi, Multisectoral Water and Electricity Infrastructure Project</p>	<p>\$50 million</p>	<p>http://web.worldbank.org/external/projects/main?pagePK=64283627&piPK=73230&theSitePK=258644&menuPK=258670&Projectid=P097974</p>	<p>The project will be comprised of three components: (i) the electricity component, which will support urgent investments to rehabilitate the electricity supply system and reduce the supply/demand gap; (ii) the water component, which will support short-term investments to increase access to water supply, reduce losses and reinforce the capacity of the supply and distribution system; and (iii) the institutional component, which will support the strengthening of the capacities of both REGIDESO and MWEM. A quantitative analysis of costs and benefits of the Bujumbura water supply investment program yielded a net present value (calculated with a 12 percent discount rate) of US\$0.7 million. The overall economic rate of return (ERR) of the urban water supply program is estimated at 13.0 percent. The ERR figures have been calculated on the basis of the following benefits: (i) incremental amount of water supplied, valued with water tariffs; (ii) consumer surplus; and (iii) cost savings resulting from the improved operating performances.</p>	<p>Active 05/13/2008-06/30/2013</p>	<p>Ventura Bengoechea Lead Water and Sanitation Specialist Tel: (202) 473-8498 Email: Vbengoechea@worldbank.org</p>	<p>Jim Sullivan Senior Commercial Officer Tel: +254-20-363-6000 x 6424 Fax: +254-20-363-6065 Email: jim.sullivan@mail.doc.gov</p>
<p>Cameroon, Energy Sector Development SIL</p>	<p>\$70 million</p>	<p>http://web.worldbank.org/external/projects/main?pagePK=64283627&piPK=73230&theSitePK=258644&menuPK=258670&Projectid=P104456</p>	<p>There are three components to the project. The first component of the project is Rural Energy Fund (REF). This component will help set up a rural energy fund as foreseen under National Energy Plan for Poverty Reduction (PANERP) and the decree establishing Agence d'Electrification Rurale (AER). A financing mechanism based on best practice examples from countries such as Mali and Burkina Faso will streamline interventions and increase the effectiveness of investments in rural energy. The second component of the project is capacity building. This component will provide technical assistance to Ministere de l'Energie et de l'Eau (MINEE) to (i) improve the planning of least cost investments; (ii) finalize the legal and institutional framework of the energy sector; (iii) communication; and (iv) complementary studies and provide necessary training and equipment. The third component of the project is project preparation including Lom Pangar Project (LPHP) preparation. This component will assist Electricity Development Corporation (EDC) with the preparation of LPHP and AER with the preparation of rural energy projects.</p>	<p>Active: 06/24/2008-12/31/2013</p>	<p>Astrid Manroth Energy Specialist Tel: +237 2220 3815 Fax: +237 2221 0722 Email: amanroth@worldbank.org</p>	<p>Steve Morrison Senior Commercial Officer Tel: +221-33-823-4296 x3202 Fax: +221-33-842-9821 Email: steve.morrison@mail.doc.gov</p>

<p align="center">Cameroon, Environmental and Social Capacity Building for the Energy Sector</p>	<p>\$20 million</p>	<p>http://web.worldbank.org/external/projects/main?pagePK=64283627&piPK=73230&theSitePK=258644&menuPK=258670&Projectid=P109588</p>	<p>The project will include the following three components: (i) strengthening the ministry in charge of the environment to fulfill its mandate to define, monitor and control environmental and social obligations of large infrastructure project, in compliance with the environmental law of 1996 and its implementation decrees; (ii) establishing frameworks to manage social externalities associated with large infrastructure projects, in compliance with international best practices; and (iii) supporting the environment unit in the ministry of energy and water to ensure that the environmental and social issues arising from large energy sector infrastructure projects are addressed in compliance with international best practices.</p>	<p>Active: 06/24/2008-03/31/2014</p>	<p>Yves Andre Prevost Sr Environmental Spec. Tel: (202) 473-2136 Email: Yprevost@worldbank.org</p>	<p>Steve Morrison Senior Commercial Officer Tel: +221-33-823-4296 x3202 Fax: +221-33-842-9821 Email: steve.morrison@mail.doc.gov</p>
<p align="center">Cameroon, Partial Risk Guarantees for Kribi Gas Power Generator</p>	<p>\$225 million</p>	<p>http://web.worldbank.org/external/projects/main?pagePK=64283627&piPK=73230&theSitePK=40941&menuPK=228424&Projectid=P110177</p>	<p>The Kribi gas power project is Cameroon's first IPP and will be operated by Kribi Power Development Corporation (KPDC), an affiliate of AES Sonel. KPDC will receive electricity production and sales licenses from the electricity regulator ARSEL. The Kribi project consists of a gas-fired power plant with a capacity of at least 150 MW located in the Mbolongwe village, 9 km north of the coastal city of Kribi in the southern province of Cameroon. A 100 km 225 kv dual transmission line will run between Kribi and the existing Mangombe 225/90kV substation at Edéa in the Littoral Province. The choice of technology for the power plant (gas engines or turbines) is being finalized.</p>	<p>Pipeline</p>	<p>Astrid Manroth Energy Specialist Tel: +237 2220 3815 Email: amanroth@worldbank.org</p>	<p>Steve Morrison Senior Commercial Officer Tel: +221-33-823-4296 x3202 Fax: +221-33-842-9821 Email: steve.morrison@mail.doc.gov</p>
<p align="center">Central African Republic, Emergency Power response Project</p>	<p>\$8 million</p>	<p>http://web.worldbank.org/external/projects/main?pagePK=64283627&piPK=73230&theSitePK=40941&menuPK=228424&Projectid=P114111</p>	<p>The project development objectives are to partially restore reliable electricity supply to Enerca's customers in Bangui, including essential service providers such as the water company and hospitals, and to improve the financial and operational performance of the sector. In particular, the project will rehabilitate the Boali 1 and 2 hydropower facilities, thereby increasing reliable power supply. The project would consist of the following components dealing with both supply and demand. Component 1: Rehabilitation of Boali 1 and Boali 2 hydropower stations (\$4,000,000) Component 2: Compact Fluorescent Lamp (CFL) Program (\$300,000) Component 3: Pre-paid Meters (\$2,000,000) Component 4: Loss Reduction Program (\$900,000) Component 5: AGETIP-CAF (\$400,000)</p>	<p>Pipeline</p>	<p>Mr. Moez Cherif Sr. Energy Economist Tel: (202) 473- 6364 Fax: (202) 473-5123 Email: MCherif@worldbank.org</p>	<p>Jim Sullivan Senior Commercial Officer Tel: +254-20-363-6000 x 6424 Fax: +254-20-363-6065 Email: jim.sullivan@mail.doc.gov</p>

<p>Cote D'Ivoire, Urgent Electricity Rehabilitation Project</p>	<p>\$55 million</p>	<p>http://web.worldbank.org/external/projects/main?pagePK=64283627&piPK=73230&theSitePK=40941&menuPK=228424&Projectid=P112573</p>	<p>The proposed project (as currently configured) will finance: Component 1: Distribution and HV/MV substation materials such as transformers, cables, poles and meters. This equipment will be used to upgrade, expand and restructure the distribution network in the Abidjan area to reduce the losses and increase availability and security of power supply. (\$25m). Component 2: Preparatory studies for priority generation and transmission projects as well as energy efficiency projects in order to bring them to a 'bankable' stage of preparation. This will allow GoCI to be ready to move forward after the crisis and catch up with the demand growth and the needed upgrading of power infrastructure located in the formerly 'occupied' zones. (\$5m). Component 3: Institutional studies and capacity building to improve sector organization, regulation and management. These would (i) enhance capability of the GoCI agencies to coordinate and implement the project activities and (ii) design and implement the needed policy and institutional adjustments in the sector. (\$3-5m)</p>	<p>Pipeline</p>	<p>Sunil W. Mathrani Senior Energy Specialist Tel: (233) 21 214 198 Fax: (233) 21 227 887 Email: smathrani@worldbank.org</p>	<p>Steve Morrison Senior Commercial Officer Tel: +221-33-823-4296 x3202 Fax: +221-33-842-9821 Email: steve.morrison@mail.doc.gov</p>
<p>Cote D'Ivoire, Economic Governance & Recovery Grant (EGRG) II</p>	<p>\$150 million</p>	<p>http://web.worldbank.org/external/projects/main?pagePK=64283627&piPK=73230&theSitePK=40941&menuPK=228424&Projectid=P112368</p>	<p>The proposed grant would support the Government's efforts to implement governance and efficiency reforms initiated under the first EGRG approved by the Board in April 2008. Specifically, the EGRG II focuses on continuing and deepening policy reforms to improve public financial management (PFM), and governance, transparency and efficiency in three key sectors – energy, cocoa and finance. The proposed reforms are essential to the Government's ability to use public resources efficiently and effectively to support the country's economic and social recovery. These actions will be followed by a more comprehensive program of reforms that the Government has developed in its Poverty Reduction Strategy Paper which was finalized in early 2009. The reforms could be supported by a PRSC series focusing on continuing and further deepening reforms in the areas covered by the proposed EGRG II. This strategy would lead over time to regularized financial relations with the country's creditors, strengthened fiscal sustainability, improved economic governance and enhanced transparency of State institutions and, together with other elements of the Government's strategy devoted to pro-poor spending, prepare the stage for anticipated debt relief under the HIPC Initiative and MDRI.</p>	<p>Pipeline</p>	<p>Richard Antonin Doffonsou Senior Economist Tel: 5331+3418 Email: rdoffonsou@worldbank.org Location: Abidjan, Cote d'Ivoire (IBRD)</p>	<p>Steve Morrison Senior Commercial Officer Tel: +221-33-823-4296 x3202 Fax: +221-33-842-9821 Email: steve.morrison@mail.doc.gov</p>

<p>Egypt, Ain Sokhna Power Projects</p>	<p>\$2.18 billion</p>	<p>http://web.worldbank.org/external/projects/main?pagePK=64283627&piPK=73230&theSitePK=40941&menuPK=228424&Projectid=P100047</p>	<p>There are two components to the project. The first component is the Ain Sokhna power plant. The project includes the following: (i) two 650 MW steam turbine generators; (ii) two steam generators (once-through supercritical boilers); (iii) electrical equipment including transformers and switchyard; (iv) auxiliary mechanical equipment including pumps and drives, heat exchangers and de-aerators, critical piping, and piping valves; (v) water and wastewater treatment systems and desalination plant; (vi) the implementation of the Environmental and Social Management Plan (ESMP), including environmental monitoring equipment; (vii) distributed control systems and instrumentation; (viii) engineering and project management services including design, procurement and construction supervision as well as commissioning, testing, and start-up; and (ix) civil works, yard tanks as well as medium and low voltage switchgear. The second component is the technical assistance. The technical assistance component is aimed at further enhancing the on-going energy sector policy dialogue with Government of Egypt (GOE). The assistance will mainly comprise of studies and policy support including rapid response support to Egyptian Electricity Holding Company (EEHC) in the implementation of the time-of-use tariff and further tariff adjustment recommendations from the on-going energy</p>	<p>Active: 01/29/2009-12/31/2015</p>	<p>Anna Bjerde Lead Energy Specialist Tel: (202) 473-3541 Fax: 202-614-4022 Email: Abjerde@worldbank.org</p>	<p>Amer Kayani Senior Commercial Officer Tel: +20-2-2797-2298 Fax: +20-2-2795-8368 Email: amer.kayani@mail.doc.gov</p>
<p>Egypt, Natural Gas Connections Project</p>	<p>\$75 million</p>	<p>http://web.worldbank.org/external/projects/main?pagePK=64283627&piPK=73230&theSitePK=256307&menuPK=287190&Projectid=P095392</p>	<p>The project will include two components: (a) Gas Transmission aiming at extending the existing gas transmission system by adding 37 km of pipelines and 4 pressure reduction stations (PRSS) in the Cairo area to provide additional supply points and to improve reliability of supply for the expansion of the distribution network. (b) Gas Distribution and Connection aiming at expansion of the gas distribution system for the connection of about 300,000 new customers, including the conversion of the customers' appliances to natural gas. The Distribution and Connection component will allow transport of gas at the points of delivery from the transmission network to housing areas, interconnect and control pressure in IP/MP/LP mains and to deliver gas to each individual house. The component will also include the connection of new appliances and the conversion of existing appliances in the customer household for the safe use of natural gas.</p>	<p>Active: 01/24/2008-10/31/2013</p>	<p>Dina El Naggar Tel: (202) 473-3245 Email: delnaggar@worldbank.org</p>	<p>Amer Kayani Senior Commercial Officer Tel: +20-2-2797-2298 Fax: +20-2-2795-8368 Email: amer.kayani@mail.doc.gov</p>

<p>Ethiopia/Nile Basin Initiative: Ethiopia-Sudan Interconnector</p>	<p>\$70.96 million</p>	<p>http://web.worldbank.org/external/projects/main?pagePK=64283627&piPK=73230&theSitePK=40941&menuPK=228424&Projectid=P074011</p>	<p>The Project has two components: (a) construction of a transmission interconnection between the Ethiopian towns of Bahir-Dar and Metema at the Ethiopia/Sudan border, including substation expansion and rehabilitation, thereby linking the Ethiopian system to Sudan's grid, which is being extended in parallel to the border, and (b) strengthening Ethiopian Electric Power Corporation (EEPCo)'s institutional capacity to promote and implement regional power integration.</p>	<p>Active: 12/20/2007-12/31/2011</p>	<p>Philippe Benoit Lead Energy Specialist Tel: (202) 458 1779 Email: pbenoit@worldbank.org</p>	<p>Jim Sullivan Senior Commercial Officer Tel: +254-20-363-6000 x 6424 Fax: +254-20-363-6065 Email: jim.sullivan@mail.doc.gov</p>
<p>Guinea, Electricity Sector Efficiency Improvement Project</p>	<p>\$4.5 million</p>	<p>http://web.worldbank.org/external/projects/main?Projectid=P098742&theSitePK=40941&pagePK=64283627&menuPK=228424&piPK=73230</p>	<p>Implementation of the Project will be structured along the following three components: Component 1: CREST - Distribution efficiency improvement: The efficiency improvement program referred to as the Commercial Reorientation of the Electricity Sector Toolkit (CREST), comprising a set of best practice interventions, is designed and implemented by the Guinea Electricity Company (EDG) with active support from the Bank team. The program reengineers core business processes (with a pronounced focus on the retail metering, billing and collection (MBC) functions) and deploys innovative technology solutions in order to improve service delivery to reduce technical and commercial losses; Component 2: Rehabilitation (Repair and Maintenance) of Critical Generation: Investment support would be provided to EDG, through this Project to improve the reliability and efficiency of the existing Garafiri hydroelectric plant and the Tombo thermal power plant. This will be in the form of assistance for critically required equipment and spare parts and technical assistance for operations. Component 2 will also involve technical studies to better analyze and understand the current condition of the generation facilities; and required upgrades to improve generation capacity; Component 3: Institutional Strengthening</p>	<p>Active</p>	<p>Herbert Boh Tel: (202) 473-3548 Email: hboh@worldbank.org</p>	<p>Steve Morrison Senior Commercial Officer Tel: +221-33-823-4296 x3202 Fax: +221-33-842-9821 Email: steve.morrison@mail.doc.gov</p>
<p>Mali, Energy Support Project</p>	<p>\$75 million</p>	<p>http://web.worldbank.org/external/projects/main?pagePK=64283627&piPK=73230&theSitePK=40941&menuPK=228424&Projectid=P108440</p>	<p>The proposed project (as currently configured) will finance: Component 1: Institutional strengthening and preliminary engineering studies. The energy sector reform experience over the last five years indicates that more work is needed to strengthen the institutional, legal and regulatory environment to foster a lasting competitive business environment attractive to private investors and operators. Component 2: Urgent transmission and distribution reinforcement investments. Assessment of the Mali power systems have revealed that the current medium voltage feeders in the Bamako area inadequate to serve the rapidly growing urban conurbation and distribution networks in many areas are already overloaded. Component 3: Expansion of rural energy services delivery initiatives. This will be a continuation of the on-going Household Energy and Universal Access Project.</p>	<p>Pipeline</p>	<p>Koffi Ekouevi Sr Economist, AFTEG Tel: (202) 458-4375 Fax: (202) 473-5123 Email: kekouevi@worldbank.org</p>	<p>Steve Morrison Senior Commercial Officer Tel: +221-33-823-4296 x3202 Fax: +221-33-842-9821 Email: steve.morrison@mail.doc.gov</p>

Mauritius, Removal of Barriers to Energy Efficiency and Energy Conservation in Buildings	\$975,000	http://un.intnet.mu/undp/html/mauritius/energy_env ONGOING_projects.htm#SL31	<p>The overall project goal is to reduce GHG emissions sustainably through a transformation of the building energy efficiency market for existing and new buildings.</p> <p>The project is comprised of 3 components focusing on policy (component 1: building regulations and codes), functioning markets (component 2: stimulating demand and supply of technology and services), and awareness (component 3: information, knowledge and awareness).</p> <p>Link:</p>	Active 2007-2011	Mr. Satyajeet Ramchurn C.Env, Environment Programme Analyst Email: satyajeet.ramchurn@undp.org	Craig Allen Senior Commercial Officer Tel: +27-11-788-4800 x4813 Fax: +27-11-268-6100 Email: craig.allen@mail.doc.gov
Mozambique-Malawi Transmission Interconnection Project	\$109 million	http://web.worldbank.org/external/projects/main?pagePK=64283627&piPK=73230&theSitePK=40941&menuPK=228424&Projectid=P084404	<p>The project will consist of three components: (A) Mozambique-Malawi interconnection which entails construction of the transmission interconnection from the Malawi electricity grid to the Mozambique electricity grid, thereby interconnecting Malawi with the SAPP network; (B) capacity building and technical support for upgrade and expansion to support power trading to: (i) strengthen and expand the networks to maximize the benefits of power trading; (ii) to improve Electricity Supply Corporation of Malawi's (ESCOM) efficiency and quality of service as the foundation for financial sustainability of the company; (iii) strengthen capacity to achieve the project objectives; and (C) improved infrastructure to support power trading to replace worn-out, inadequate or obsolete equipment to remove critical bottlenecks in the networks which could impede the flow of traded electricity.</p>	Active: 07/17/2007-06/30/2013	Wendy E. Hughes Senior Energy Specialist Email: whughes@worldbank.org	Craig Allen Senior Commercial Officer Tel: +27-11-788-4800 x4813 Fax: +27-11-268-6100 Email: craig.allen@mail.doc.gov
Multinational: Eastern and Southern Africa Technical Advisory Services APL	\$21 million	http://web.worldbank.org/external/projects/main?pagePK=64283627&piPK=73230&theSitePK=40941&menuPK=228424&Projectid=P107255	<p>There are two proposed Project components:</p> <p>Component 1: Harmonization of Regional Development Plans and Policy Frameworks, and Implementation of SADC Protocols. This component would support activities that improve the scale and/or efficiency of regional infrastructure including trans-bound-ary project design and develop-ment and harmonization of regional development plans and policy frameworks.</p> <p>Component 2: Maximization of Regional Development and Poverty Reduction Potential of Large Infrastructure and Natural Resource Development Projects Through providing advisory support to Governments in transactions with the private sector including: (i) attracting private sector proposals for investment through assembling bid packages and tender documents; (ii) evaluation of proposals and environmental assessments; (iii) development or evaluation of framework agreements; (iv) negotiation of contracts; and (v) pre and post construction monitoring of projects/contracts/agreements for SADC priority infrastructure projects with regional benefit.</p>	Pipeline	Charles A. Husband Lead Mining Specialist Tel: (202) 473-4232 Email: Chusband@worldbank.org	Craig Allen Senior Commercial Officer Tel: +27-11-788-4800 x4813 Fax: +27-11-268-6100 Email: craig.allen@mail.doc.gov

<p align="center">Nigeria, Energy Infrastructure Project</p>	<p>\$187.5 million</p>	<p>http://web.worldbank.org/external/projects/main?pagePK=64283627&piPK=73230&theSitePK=40941&menuPK=228424&Projectid=P106172</p>	<p>The proposed project will assist the Government through a WBG package of risk mitigation instruments, potential debt financing and IDA investments blended with technical assistance and knowledge transfer. An APL with two tranches is proposed as the lending instrument of the project. Movement to the second tranche of the APL will involve achievement of shared objectives in the sector including movement to cost reflective tariffs, meeting gas supply obligations and efficiency targets. The operational features of the proposed project are:</p> <p>(a) Support for well-structured IPP projects by means of IDA PRGs complemented by MIGA termination insurance to backstop Government/parastatal related risks for the private sector.</p> <p>(b) Complementary IDA Credits: to fund critical generation rehabilitation investments of power plants operated by PHCN to increase available capacity; to fund investments in transmission to enable the delivery of additional capacity to consumers, and development of "best practice" projects in distribution that achieve efficiencies in the sector to gradually reduce losses and subsidies.</p> <p>(c) Carbon Finance to help reduce gas flaring by adding domestic gas-fired generation capacity, leading to the substitution of diesel and other fuel captive generators that emit much higher level of greenhouse gases, and to help Nigeria gain carbon credits.</p>	<p>Pipeline</p>	<p>Prasad V. S. N. Tallapragada Senior Energy Specialist Tel: (202) 458-5600 Fax: (202) 473-5123 Email: ptallapragada@worldbank.org</p>	<p>Larry Farris Senior Commercial Officer Tel: 234-1-261-0241 Fax: 234-1-261-9856 Email: larry.farris@mail.doc.gov</p>
<p align="center">Nigeria, National Energy Development Project</p>	<p>\$5 million</p>	<p>http://web.worldbank.org/external/projects/main?pagePK=64283627&piPK=73230&theSitePK=40941&menuPK=228424&Projectid=P093186</p>	<p>This project aims to: a) reduce the emissions of SF6, a Green House Gas (GHG), used in the transmission and distribution system; b) reduce the losses of electricity in numerous clusters of the distribution system, thus improving distribution efficiency and reducing the amount of energy generated. c) reduce the losses of electricity in the transmission system, thus improving its efficiency and reducing the amount of energy generated.</p>	<p>Active</p>	<p>Mr Prasad V. S. N. Tallapragada/Mr. Karan Kapoor Task Team Leader Tel: (202) 458 5600 Fax: (202) 4735123 Email: ptallapragada@worldbank.org, kcapoor@worldbank.org</p>	<p>Larry Farris Senior Commercial Officer Tel: 234-1-261-0241 Fax: 234-1-261-9856 Email: larry.farris@mail.doc.gov</p>

<p>Rwanda, Demobilization and Reintegration Program, Stage III</p>	<p>\$18.5 million</p>	<p>http://web.worldbank.org/external/projects/main?pagePK=64283627&piPK=73230&theSitePK=40941&menuPK=228424&Projectid=P112712</p>	<p>The Project will include the following components:</p> <ol style="list-style-type: none"> 1. Demobilization: The program will support the demobilization of up to a maximum of 5,500 former combatants from Armed Groups, including approximately 500 child soldiers; over a period of two years, or less, depending on the rate of repatriation. The demobilization of up to a maximum of 4,000 members of RDF would also be phased over two years. 2. Reinsertion: The reinsertion component includes an initial three-month period of adjustment to civilian life from the day of discharge during which an ex-combatant requires assistance to meet his/her minimum basic needs. To preserve consistency with previous project phases, the project would pay each ex-combatant on the day of discharge grant of Frw 60,000, known as a Basic Needs Kit (BNK), to cover the basic needs, calculated to cover, on average, transport home, basic house hold items, food and medical insurance. 3. Reintegration: Reintegration is the process of facilitating the reincorporation of disenfranchised groups into mainstream society. Main social reintegration activities will include: (i) social and psychosocial support; (ii) HIV/AIDS orientation into local support frameworks; (iii) information and sensitization of ex-combatants and communities; and (iv) national reconciliation activities at the community level by local authorities. The RDRP will program and co-ordinate these activities with provincial and local authorities. 4. Special target groups: Special attention will be paid to vulnerable ex-combatants taking into account their degree of 	<p>Pipeline</p>	<p>Marcelo Fabre Sr. Social Development Specialist Tel: +1 202 473-8477 Fax: +1 202 473-8185 Email: mfabre@worldbank.org</p>	<p>Jim Sullivan Senior Commercial Officer Tel: +254-20-363-6000 x 6424 Fax: +254-20-363-6065 Email: jim.sullivan@mail.doc.gov</p>
<p>Rwanda, Lake Kivu Methane-to-Power</p>	<p>\$87.8 million</p>	<p>http://web.worldbank.org/external/projects/main?pagePK=64283627&piPK=73230&theSitePK=40941&menuPK=228424&Projectid=P096672</p>	<p>Lake Kivu, located in the western part of Rwanda, is unique in that its deep waters contain an enormous quantity of dissolved methane gas. Methane gas is formed in Lake Kivu from a combination of geological and biological processes. It is estimated that some 100 to 150 million m3 of methane are generated annually in the lake, making it a renewable source of energy. Methane gas reserves of about 29 billion m3 in Lake Kivu have been confirmed by numerous scientific studies over the past several decades. Such reserves are located at approximately 300 meters depth. The proposed project consists of the development, construction and operation of: (i) a gas extraction, production and processing plant with an installed capacity of 198,900 m3 per day of methane, located on a floating barge some 9 kilometers out in the lake; and (ii) an onshore 35 MW gas-fired power plant, and (iii) a submerged pipeline connecting the two, the complete system to be owned, and operated by a private-sector project company. The plant area will be sized to accommodate additional generation of 65 MW in the future.</p>	<p>Pipeline</p>	<p>Malcolm Cosgrove-Davies Sr Energy Spec. Tel: (202) 473-3121 Email: Mcosgrovedavies@worldbank.org</p>	<p>Jim Sullivan Senior Commercial Officer Tel: +254-20-363-6000 x 6424 Fax: +254-20-363-6065 Email: jim.sullivan@mail.doc.gov</p>

<p>Rwanda, Electricity Access Scale-up and SWAp Development Project</p>	<p>\$70 million</p>	<p>http://web.worldbank.org/external/projects/main?pagePK=64283627&piPK=73230&theSitePK=40941&menuPK=228424&Projectid=P111567</p>	<p>The project has three components :</p> <p>(a) Grid rollout - The project will finance MV and LV grid reticulation, distribution grid strengthening and rehabilitation to reach the required transfer capacity to the targeted areas and customer connections including partial subsidies of connection costs for qualifying households, and priority institutions. (b) "Green connections" - The project will finance a range of activities to improve affordability for the consumers and reduce the need for additional generation resources. The program would include energy efficient CFLs, incentives to promote the use of solar hot water heaters sold through private dealers and specific initiatives to buy down connection costs for the poorest households including mainstreaming of the use of low cost "ready boards" in homes. (c) Technical assistance, capacity strengthening, and implementation support – This component will support components (a) and (b) outlined above that are linked to the first project development objective. Additionally, this component will support the second development objective of mainstreaming the SWAp framework and process.</p>	<p>Pipeline</p>	<p>Erik Fernstrom Energy Specialist Energy Unit, Africa Region World Bank, Kigali, Rwanda Tel: +250- 591 318 Email: efernstrom@worldbank.org</p>	<p>Jim Sullivan Senior Commercial Officer Tel: +254-20-363-6000 x 6424 Fax: +254-20-363-6065 Email: jim.sullivan@mail.doc.gov</p>
<p>Rwanda, CFL Energy Efficiency Project</p>	<p>\$2.28 million</p>	<p>http://web.worldbank.org/external/projects/main?pagePK=64283627&piPK=73230&theSitePK=40941&menuPK=228424&Projectid=P111331</p>	<p>Under the carbon program associated with the Rwanda Electricity Urgent Rehabilitation Project, 800,000 Compact Fluorescent Lamps (CFLs) will be distributed between 2007 and 2010. These are expected to save up to 40 GWh annually over more than 6 years (device lifetime).</p>	<p>Pipeline</p>	<p>Erik Fernstrom Task Team Leader Boulevard de la Revolution SORAS Building Kigali Rwanda</p> <p>Or</p> <p>The InfoShop The World Bank</p>	<p>Jim Sullivan Senior Commercial Officer Tel: +254-20-363-6000 x 6424 Fax: +254-20-363-6065 Email: jim.sullivan@mail.doc.gov</p>
<p>Rwanda, Sustainable Energy Development Project (GEF)</p>	<p>\$71.26 million</p>	<p>http://web.worldbank.org/external/projects/main?pagePK=64283627&piPK=73230&theSitePK=40941&menuPK=228424&Projectid=P097818</p>	<p>The ongoing UERP project has three components that include (a) Power system reinforcement, consisting of priority investments in new generation capacity as well as network rehabilitation and strengthening; (b) Technical assistance and capacity building, aimed at strengthening planning, regulatory and implementation capabilities of the main sector institutions and provide project implementation support; and (c) Domestic Resources Development, to finance investments in high priority micro-hydro based independent grids as well as preparatory activities for the future increments in generation investments, primarily for Electrogaz. The GEF project will provide additional support for (b) above: technical assistance and capacity building, focusing on renewable energy related policy and regulatory development and training.</p>	<p>Pipeline</p>	<p>Malcolm Cosgrove-Davies Sr. Energy Spec. Tel: (202) 473-3121 Email: Mcosgrovedavies@worldbank.org</p>	<p>Jim Sullivan Senior Commercial Officer Tel: +254-20-363-6000 x 6424 Fax: +254-20-363-6065 Email: jim.sullivan@mail.doc.gov</p>

<p>Senegal, Energy Sector Recovery Development Policy Financing</p>	<p>\$80 million</p>	<p>http://web.worldbank.org/external/projects/main?pagePK=64283627&piPK=73230&theSitePK=258644&menuPK=258670&Projectid=P105279</p>	<p>The objective of the Energy Sector Recovery Development Policy Credit is to ensure a sustained and sound long term development of electricity services and supply of petroleum products for Senegal. To achieve this objective, the operation comprises: (a) financial support to the Government to allow the power utility of Senegal - Societe Nationale d Electricite (National Power Utility of Senegal) (SENELEC) - to restore by end CY2009 its financial equilibrium and to meet standard financial ratios and credit worthiness; and (b) policy measures aimed at ensuring that the electricity sub-sector and the downstream hydrocarbon sub-sector develop and operate in an efficient and transparent way with adequate governance.</p>	<p>Active 06/19/2008-06/30/2010</p>	<p>Michel E. Layec Lead Energy Economist Tel: (202) 473-3231 Fax: (202) 473-5123 Email: Mlayec@worldbank.org</p>	<p>Steve Morrison Senior Commercial Officer Tel: +221-33-823-4296 x3202 Fax: +221-33-842-9821 Email: steve.morrison@mail.doc.gov</p>
<p>Senegal, Sustainable and participatory Energy Management - phase 2</p>	<p>\$20 million</p>	<p>http://web.worldbank.org/external/projects/main?pagePK=64283627&piPK=73230&theSitePK=40941&menuPK=228424&Projectid=P108439</p>	<p>The project will have four components. Component I: The sustainable woodfuels supply management component will finance technical assistance, logistical support, and equipment to carry out. Component II: The promotion and diversification of modern household energy will finance technical assistance, logistics, and equipment for the direction of energy to support. Component III: The institutional development component will finance: support for the phase out of the project implementation unit and the strengthening of local directorates and the local collectivities and their technical bodies (ARD) to manage forest resources. Component IV: The competitiveness of the charcoal filière component will finance: (i) a study of the economics and political economy of the production and distribution chain, (ii) a dissemination workshop to share the results of the study at the national & local level; (iii) support the reorganization and the modernization of the charcoal filiere; (iv) the development of a credit line to support investments by village development committees in improving the production, transportation, distribution, and marketing of charcoal.</p>	<p>Pipeline</p>	<p>Awa Seck Economist Tel: (221) 849 50 00/09 Email: afseck@worldbank.org</p>	<p>Steve Morrison Senior Commercial Officer Tel: +221-33-823-4296 x3202 Fax: +221-33-842-9821 Email: steve.morrison@mail.doc.gov</p>

<p>Sierra Leone, Bumbuna Hydroelectric Completion</p>	<p>\$4.5 million</p>	<p>http://web.worldbank.org/external/projects/main?pagePK=64283627&piPK=73230&theSitePK=40941&menuPK=28424&Projectid=P093878</p>	<p>Component A- Hydroelectric Infrastructure The BHP will be a run-of-river hydropower plant consisting of a 88 m high rockfill dam with an asphalted concrete upstream face; a crest-length of 440 meters; a water intake structure; two 'morning glory' spillways with associated tunnels. Component B- Implementation of the environmental management plan/the resettlement action plans for the dam/reservoir area and the transmission line/upper seli community development initiative. Component C: Technical Assistance This component comprises construction supervision for the hydroelectric project; project management and supervision.</p>	<p>Active: 06/30/2006-06/30/2014</p>	<p>Paivi Koljionen / Karan Capoor Task Team Leader Tel: 202 473 2344 Fax: 202 473 5147</p>	<p>Steve Morrison Senior Commercial Officer Tel: +221-33-823-4296 x3202 Fax: +221-33-842-9821 Email: steve.morrison@mail.doc.gov</p>
<p>South Africa, Renewable Energy Power Transformation Project</p>	<p>\$6 million</p>	<p>http://web.worldbank.org/external/projects/main?pagePK=64283627&piPK=73230&theSitePK=368057&menuPK=368110&Projectid=P073322</p>	<p>The project has 2 components: 1) Renewables-based power generation in South Africa: For renewable energy power generation, the project will assist South Africa in strengthening the organizations and institutions that would help the government meet its renewable energy target. The capacity areas include development of legal and policy frameworks, promotion, regulation, and service provision of renewable energy power generation; and 2) Commercial Solar Water Heating (CSWH) is an integral component of South Africa's renewable energy policy framework. However, it is important to recognize that solar water heating is a substitute for all types of power generation, whereas renewable energy power generation is a substitute for fossil fuel power generation. As a result, solar water heating transactions are not linked to transmitting power over the main power grid, and there is no need to involve the grid operator (Eskom) in promoting this resource.</p>	<p>Active: 06/28/2007-11/30/2011</p>	<p>In Washington: Beldina Auma, Tel: 1 (202) 458-7307; Email: baumaowuor@worldbank.org. In Pretoria: Mallory Saleson, Tel: (27-12) 431-3100; Email: msaleson@worldbank.org.</p>	<p>Craig Allen Senior Commercial Officer Tel: +27-11-788-4800 x4813 Fax: +27-11-268-6100 Email: craig.allen@mail.doc.gov</p>

Southern African Power Market Program: Mozambique-Malawi Transmission Interconnection Project	\$109.7 million	http://web.worldbank.org/external/projects/main?pagePK=64283627&piPK=73230&theSitePK=40941&menuPK=228424&Projectid=P084404	The Mozambique-Malawi Transmission Interconnection Project (APL-2) development objective is to implement the Mozambique-Malawi Interconnection to: increase access to diversified, reliable, and affordable supplies of energy; and expand Malawi and Mozambique's opportunities to benefit from bilateral and regional power trading on the South African Power Pool (SAPP). The project will consist of three components: (A) Mozambique-Malawi interconnection which entails construction of the transmission interconnection from the Malawi electricity grid to the Mozambique electricity grid, thereby interconnecting Malawi with the SAPP network; (B) capacity building and technical support for upgrade and expansion to support power trading to: (i) strengthen and expand the networks to maximize the benefits of power trading; (ii) to improve Electricity Supply Corporation of Malawi's (ESCOM) efficiency and quality of service as the foundation for financial sustainability of the company; (iii) strengthen capacity to achieve the project objectives; and (C) improved infrastructure to support power trading to replace worn-out, inadequate or obsolete equipment to remove critical bottlenecks in the networks which could impede the flow of traded electricity.	Active 07/17/2007-06/30/2013	Wendy E. Hughes Senior Energy Specialist Email: whughes@worldbank.org	Craig Allen Senior Commercial Officer Tel: +27-11-788-4800 x4813 Fax: +27-11-268-6100 Email: craig.allen@mail.doc.gov
Tunisia, Scaling up Energy Efficiency and Renewable Investment Project	\$50 million	http://web.worldbank.org/external/projects/main?pagePK=64283627&piPK=73230&theSitePK=40941&menuPK=228424&Projectid=P104266	The development objective of the proposed project is a reduction of the energy intensity of the Tunisian economy and an increase of the share of renewables in the primary fuel mix. This will be achieved through investment in energy efficiency and in renewable energy technologies. The project include the following components: Component I: EE/RE support through financial intermediation. Component II: Direct lending to specific EE/RE projects (optional). Component III: Technical Assistance. Component IV: Carbon Finance (to be blended with all other components).	Pipeline	Silvia Pariente-David Sr Energy Spec. Tel: (202) 473-0663 Fax: 202 614 4022 Email: sparientedavid@worldbank.org	Beth A. Mitchell Commercial Officer Ph: (216) 71-107-460 Fax: (216) 71-107-090 Email: MitchellBA@state.gov
Uganda, Energy for Rural Transformation APL-2	\$105 million	http://web.worldbank.org/external/projects/main?pagePK=64283627&piPK=73230&theSitePK=40941&menuPK=228424&Projectid=P112334	The project components are: 1. Power distribution and generation, including main grid and independent grid rural renewable energy power generation & energy efficiency. 2. Solar PV systems . 3. Cross-sectoral, energy packages in - health, agriculture, water, education, local government sectors. 4. Non-electricity rural energy . 5. ICT. 6 Capacity building, technical assistance, training.	Pipeline	Malcolm Cosgrove-Davies Sr. Energy Spec. Tel: (202) 473-3121 Email: Mcosgrovedavies@worldbank.org	Jim Sullivan Senior Commercial Officer Tel: +254-20-363-6000 x 6424 Fax: +254-20-363-6065 Email: jim.sullivan@mail.doc.gov

<p>Zambia, Increased Access to Electricity</p>	<p>\$71 million</p>	<p>http://web.worldbank.org/external/projects/main?pagePK=64283627&piPK=73230&theSitePK=258644&menuPK=258670&Projectid=P077452</p>	<p>The objective of the Increased Access to Electricity Services Project of Zambia is to increase access to electricity services and improve efficiency and quality of the electricity distribution system in targeted areas. The project has three components: (1) Zambia Electricity Supply Company (ZESCO) efficiency improvement: including reinforcement of existing distribution networks, intensification within existing grids in peri-urban areas, and energy efficiency and demand side management; (2) access expansion: including grid extension to rural areas, isolated grids such as mini-hydro, and solar PV for schools, clinics, commercial establishments, and household market; and (3) technical assistance for both ZESCO and the Rural Electrification Authority (REA).</p>	<p>Active 05/20/2008-12/31/2013</p>	<p>Ms Xiaodong Wang Senior Energy Specialist Tel: (202) 473 50 86 Fax: (202) 473 51 23 Email: xwang1@worldbank.org</p>	<p>Craig Allen Senior Commercial Officer Tel: +27-11-788-4800 x4813 Fax: +27-11-268-6100 Email: craig.allen@mail.doc.gov</p>
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