

**Highlights from the Multilateral Development Banks' Water and Power Pipelines  
December 2009 – February 2010**  
*Compiled by International Rivers*

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Note: All monetary figures are given in US dollars.

**WORLD BANK**

**New Proposed Projects**

Sources: World Bank Monthly Operational Summary

<http://web.worldbank.org/WBSITE/EXTERNAL/PROJECTS/PROCUREMENT/0,,contentMDK:50004501~menuPK:63001537~pagePK:84269~piPK:60001558~theSitePK:84266,00.html>

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Projects Portfolio

<http://web.worldbank.org/WBSITE/EXTERNAL/PROJECTS/0,,menuPK:51563~pagePK:95873~piPK:95910~theSitePK:40941,00.html>

***Argentina***

**Norte Grande Hydraulic Infrastructure Development**

The objective will fund water supply, sewerage and wastewater, irrigation and flood protection infrastructure in 9 of the poorer provinces of the country in the historically northern area of Argentina as well as TA to strengthen provincial capacity in the provision of the services. Project Concept Review Meeting scheduled for 22 February 2010. Environmental Assessment Category A. Project: P120211. \$250 million (IBRD).

***China***

**Energy Efficiency Financing II**

The development objective of the project is to scale-up commercial debt financing for EE investment across China through an EE debt financing mechanism. The financing mechanism will be initiated with the proposed IBRD loan. It may be complemented by a loan from the China Clean Development Mechanism Fund (CCDMF) and a possible the International Finance

Corporation (IFC) risk-sharing facility. Environmental Category F. \$100 million (IBRD/IDA Financial Intermediary Loan).

### ***China***

#### **Energy Efficiency Promotion in Industry**

The objective is to improve energy efficiency and reduce greenhouse gas (GHG) emissions in key industrial sectors in China by addressing both the management and technical aspects of rational use of energy. Project Identification is underway. Environmental Assessment Category C. Project: P119357. \$4 million (GEFU).

### ***China***

#### **Guangxi Yujiang Laokou Navigation and Hydropower Project**

No project documents available. Environmental Category A. \$100 million (IBRD/IDA Specific Investment Loan).

### ***China***

#### **Xinjiang Turfan Water Conservation Project**

The objective of the Xinjiang Turfan Water Conservation Project for China is to improve regional on-farm water infrastructures and focus on relevant software development, so as to promote sustainable water resources development and utilization and sound economic and social development of Turfan prefecture. Negative measures include: adverse impacts caused by construction wastewater discharge on water quality of nearby water bodies; adverse impacts by dust and exhaust emission on air environment; adverse impacts by construction noises to acoustic environment; adverse environmental impacts by discharge of solid waste; and adverse impacts of construction activities on eco-environment. The Project includes the construction of 3 medium and small size mountainous reservoirs, rehabilitation and lining of main and branch irrigation canals of 47.5 km (Taerlang branch canal in Turpan City of 22.82 km, Ertang branch canal of 18.82 km in Shanshan County and Alagou main canal of 6.50 km in Tuokexun County). Environmental Category A. \$100 million (IBRD/IDA Specific Investment Loan).

### ***Croatia***

#### **Irrigation Development**

The objective is to improve water resources planning and management for sustainable use in irrigation and drainage through rehabilitation of main infrastructure & increased water productivity for irrigated agricultural production; & reform of water resources management institutions and introducing a participatory approach to water management. Decision Meeting scheduled for 17 March 2010. Environmental Assessment Category B. Project: P112732. \$100 million (IBRD).

### ***Ethiopia***

#### **Additional Financing for Energy Access Project**

The proposed Additional Financing aims at scaling-up certain components of the original project and does not change the Project Development Objective of the original project. The Project Development Objectives are: (i) expanding the populations' access to electricity and improving the quality and adequacy of electricity supply; (ii) improving energy end-use efficiency, (iii) developing renewable energy resources (including micro-hydro); and (iv) strengthening

institutional capacity. Environmental Category B. \$180 million (IBRD/IDA Specific Investment Loan).

### ***India***

#### **Dam Rehabilitation and Improvement Project (DRIP)**

DRIP will focus on investments targeted towards: (i) physical and technical dam rehabilitation and improvement; and (ii) managerial upgrading of dam operation and maintenance, with accompanying institutional reforms and strengthening of regulatory measures pertaining to safe and financially-sustainable dam operations. DRIP will thus aim at assuring the full reservoir capacity of project dams, achieving effective utilization of the stored water, and managing and monitoring the long-term performance of the dams. The proposed interventions will be implemented in five states, Chhattisgarh, Kerala, Madhya Pradesh, Orissa, and Tamil Nadu, and at the central level through the Central Water Commission. Environmental Category B. \$350 million (IBRD/IDA Specific Investment Loan).

### ***India***

#### **Financing Energy Efficiency at Small and Medium Enterprises (SMEs) Project**

The Proposed Development Objective of the Project is to improve efficiency and reduce GHG emissions through commercial investments in energy efficiency goods and services in target Small and Medium Enterprise clusters. Environmental Category B. \$11.3 million (Global Environment Project Specific Investment Loan).

### ***India***

#### **Luhri Hydro Electric Project**

The proposed development objectives of the project are: i. Primary development objective is to increase the supply of clean, renewable, low-carbon and peaking energy to India's northern grid [and to enhance the reliability of the grid], and ii. Secondary development objective is to further enhance SJVN Limited's (SJVNL) institutional capacity with respect to the preparation and safe implementation of technically sound and economically, environmentally and socially sustainable hydropower projects. The proposed LHEP is located on the Sutlej River in the state of Himachal Pradesh and is planned as a run-of-river project, downstream of the under-construction 412 MW RHP. The project is to be implemented through a Special Purpose Vehicle (SPV), which will be a subsidiary of SJVNL in the form of a Joint venture (JV) with 49% equity share of GoHP and 51% of GoI7 through SJVNL. GoHP and SJVNL have not yet finalized the timing, whether during construction or during operation stage, for the formation of SPV and till the formation of SPV, SJVNL will be undertaking implementation of the project. Environmental Category A. \$650 million (IBRD Specific Investment Loan).

### ***India***

#### **National Ganga River Basin (NGRB)**

The objective is to support the NGRB Authority: (a) manage the basin water resources sustainably; (b) prepare and maintain the framework and river basin plan for management and development of the Ganges basin; and (c) implement investments and activities that address pollution management, flood protection, and minimum environmental flows. Project Concept Review Meeting scheduled for 21 January 2010. Environmental Assessment Category A.

Project: P119085. \$1 billion (IDA Credit).

**India**

**ORISSA Water Sector Improvement Mahanadi Basin Project**

The project proposes to improve Orissa's capacity for sustainable water resources management and improve the productivity of water in targeted areas of the Mahanadi Basin. The physical interventions under the project are expected to include mainly rehabilitation and improvement of existing infrastructure (primarily canals, dams, and drains). Environmental Category B. \$300 million (IBRD/IDA Specific Investment Loan).

**India**

**Rajasthan Water Sector Restructuring Additional Financing**

The objectives are to: (a) strengthen capacity for strategic planning & sustainable development & management of surface and ground water resources in Rajasthan; and (b) increase productivity of irrigated agriculture through improving surface irrigation system performance, strengthening agriculture support services & increase involvement of users. Appraisal completed on 11 January 2010. Negotiations scheduled for 5 February 2010. Environmental Assessment Category A. Project: P120652. \$20 million (IDA Credit).

**India**

**Vishnugad Pipalkoti Hydro Electric Project**

The objective of the Vishnugad Pipalkoti Hydro Electric Project for India is to improve the effectiveness of Tehri Hydro Development Corporation Ltd. with respect to the preparation and safe implementation of economically, environmentally, and socially sustainable hydropower projects. Negative impacts include: i) confusing information provided on the total area of private land to be acquired and also lack of details on exactly which pieces of land will be acquired; ii) no clear resettlement and rehabilitation (R&R) policy enunciated by the project and lack of clarity on who qualifies to be a project affected person and the compensation details; iii) damage to the crops from the dust arising from construction activities; iv) unemployment will increase due to acquisition of forest land, therefore employment should be given to the affected families; and v) lack of awareness of the area of land being acquired. Mitigation measures include: 1) no house/village had come in the submerge area due to project activities. Approximately 346 HH are supposed to be affected. Environmental Category A. \$624 million (IBRD/IDA Specific Investment Loan).

**Indonesia**

**Climate Change Development Policy**

The objective is to (a) support the GOI in lower carbon; (b) prepare post-2012 global climate change regime; (c) setting up conducive policy, regulatory and institutional; and (d) access global climate finance opportunities and carbon markets. Identification scheduled for 23 February 2010. Environmental Assessment Category U. Project: P120313. \$300 million (IBRD).

**Kazakhstan**

**Syr Darya Control and Northern Aral Sea Project - Phase II**

The proposed SYNAS-2 would be designed to improve further the environmental and economic conditions along the Syr Darya and the NAS. It would build on the work done under SYNAS-1.

This would be achieved by focusing more on integrated water resources management in the basin, which would require a number of structural interventions and strengthening the institutional and management capacity for integrated water resources management in the basin. The project would involve the construction of a small hydropower plant (HPP) at Aklak, which is currently being completed under SYNAS-1. Environmental Category A. \$165.8 million (IBRD Specific Investment Loan).

### ***Kenya***

#### **Adaptation to Climate Change in Arid and Semi-Arid Lands**

The objective is to improve the ability of selected districts and communities of the Arid and Semi-Arid Lands to plan and manage climate change adaptation measures. Environmental Assessment Category B. Project: P091979. \$5.5 million (GEFU).

### ***Kenya***

#### **Power System Development**

The objective is to ensure that access to reliable, cost effective, and high quality supply of electricity is sustained to business enterprises and households. Identification scheduled for 31 March 2011. Environmental Assessment Category B. Project: P120014. \$50 million (IDA Credit).

### ***Morocco***

#### **Energy Development Fund Project**

The project development objective is the establishment of the Energy Development Fund (or FDE) as an institution capable of providing long-term financing in a manner that maximizes private sector financing with the intention of transforming the energy sector and the most energy intensive end-use sectors. Key performance indicators would be: increase in investments in renewable energy/energy efficiency (i.e. amount of funding leveraged); increase in share of renewable energy making up Morocco's generation capacity; energy savings resulting from FDE investment activities; increased modal shift to public transport. Environmental Category F. \$100 million (IBRD/IDA Financial Intermediary Loan).

### ***Regional***

#### **Burundi and Rwanda-Lake Victoria Environmental Management**

The objective is to prepare a second Adaptable Program Loan (APL2) of the Lake Victoria Environmental Management Project II (LVEMP II) that includes five basin countries: Burundi, Kenya, Rwanda, Tanzania, and Uganda. Preparation scheduled for 30 November 2009. Environmental Assessment Category A. Project: P118316. \$30 million (IDA Credit).

### ***Regional***

#### **NELSAP: Regional Rusumo Falls Hydroelectric and Multipurpose Project**

Burundi, Rwanda and Tanzania are preparing the first major Kagera Basin infrastructure project for generating hydroelectricity at the Rusumo Falls site, and generating in turn multi-purpose and public goods benefits. The project also provides for backbone transmission interconnections between Burundi, Rwanda, and Tanzania, contributing towards the medium and long term goals of interconnecting with the East African Community (EAC) and the Southern African Power

Pool (SAPP). The three countries have jointly requested IDA to support the preparation phase of the project and to mobilize grants and other financing for the implementation of the project. On March 31, 2006 the three countries signed a Joint Project Development Agreement (JPDA) that commits them to a series of milestones, including a target date for financial closure, procedural terms for project management, adopting a development schedule and budget, and exploring all financing options including private sector participation in the project. Environmental Category A. \$100 million (IBRD/IDA Specific Investment Loan).

### ***Russian Federation***

#### **Carbon Fund 5: Irkutsk Hydropower Project**

Bratsk hydroelectric plant (BHPP) is the second HPP of the coordinated hydroelectric system downstream on the Angara River and the world's leader in the total volume of electricity production since the first generating unit was put into operation. The installed capacity of Bratsk HPP is 4500 MW (18 generating units of 250 MW each). The annual output under the design is about 26-28 TWh. The share of BHPP in the total electricity production of OJSC Irkutskenergo is more than 40%. Due to the unique and sufficiently stable water resources, Bratsk HPP plays an important role in providing the steady-state reliable functioning of Irkutsk region. BHPP supplies the electric energy through the Irkutsk power grid to the regional industries and residential consumers. Environmental Category B. \$19 million (Unknown).

### ***Sierra Leone***

#### **Bumbuna Hydro Completion Project**

The carbon offset operation corresponds to the investments under IDA project P086801/P086803. The project activity is the production of electricity from a run-of-river hydro plant and the displacement of electricity generation with fossil fuels. The plant site is located on the Seli River at about 200 km northeast of the capital Freetown. The 50MW Bumbuna Hydroelectric Power Plant consists of an 88-meter high asphalt-faced rock-filled dam with a 50MW powerhouse (2x25 MW) at the foot of the dam. This project will complete the entire infrastructure of the dam, including the equipment in the power stations, the transmission lines and the substances. Environmental Category A. \$7.92 million (Carbon Offset Specific Investment Loan).

### ***Tajikistan***

#### **Ferghana Valley Water Resources Management Additional Financing**

The objective is to continue to assist the Government of Tajikistan to address the deficiencies affecting irrigation and drainage in the Eastern part of the Soghd Oblast. Project Concept Review Meeting scheduled for 20 December 2009. Environmental Assessment Category B. Project: P118430. \$10 million (IDA Credit).

### ***Tajikistan***

#### **Public Employment for Sustainable Agriculture and Water Management**

The objective is to contribute to social, economic and agriculture development of the country by improving food security and livelihood of the rural population and by supporting the country to manage its agriculture and water resources in an integrated way. Project Concept Review Meeting scheduled for 18 November 2009. Environmental Assessment Category B. Project: P119690. \$10.7 million (GFCR).

## ***Tanzania***

### **Additional Financing for the Energy Development and Access Expansion Project (TEDAP)**

The objective of the TEDAP is to improve the quality and efficiency of the electricity service provision in the main three growth centers of Dar es Salaam, Arusha, and Kilimanjaro and to establish a sustainable basis for energy access expansion. TEDAP consists of three components: a grid component; an off-grid component; and a technical assistance component. TEDAP's off-grid component has three subcomponents: (i) Small Power Projects (SPPs), including renewable power generation and mini-grids (this includes small hydro); (ii) Sustainable Solar Market Development, supplying solar photovoltaic (PV) systems for public institutions and for individual households and businesses in rural areas; and (iii) Technical Assistance to the Rural Energy Agency (REA) and other stakeholders. Environmental Category B. \$25 million (IBRD/IDA Financial Intermediary Loan).

## ***Uganda***

### **Electric Sector Development**

The objective is to provide cross-border energy and power trade and to improve the transient stability of the systems, safety and affordability of supply as well as flexibility in the operation of the interconnected networks. Project Concept Review Meeting scheduled for 11 May 2010. Environmental Assessment Category B. Project: P119737. \$90 million (IDA Credit).

## ***Vietnam***

### **Mekong Delta Agriculture Modernization**

The objective is to support two major themes under the National Tam Nong Agenda: (1) enhance water and land resources management at regional and provincial levels; and (2) transform the agricultural production systems in the Mekong Delta area. Project Identification is underway. Environmental Assessment Category A. Project: P113949. \$150 million (IDA Credit).

## ***Vietnam***

### **Power Sector Reform Development Policy Operation**

Vietnam is implementing an ambitious long-term reform of its electric power sector, with the intention of discarding the model of a vertically-integrated utility owned by the State in favor of a competitive market. The purpose of the reform program is to attract a broader range of participants to invest in the power industry. Transparency and competition are to be introduced, tariffs will transition to recover costs, the main power utility will be restructured and demand side efficiency will be promoted. The expected outcome is that the power sector will be better equipped to support economic growth and meet demand for power in terms of quantity and quality, while ensuring reasonable and fair costs to consumers and efficiency. No Environmental Category given. \$315.36 million (IBRD/IDA Development Policy Lending).

## ***Vietnam***

### **Trung Son Hydropower Project**

The Trung Son hydropower project is a multipurpose project. The project creates a new 88 m high dam creating a reservoir with total volume of 348 million m<sup>3</sup> at full supply level of 160 m. With a capacity of 260 MW, the project will provide on average 1056 GWh per year to the national electricity grid, thus alleviating shortages and supporting economic growth. The dam

will regulate the Ma river basin water regime in Thanh Hoa Province. This will reduce the occurrence of floods in the downstream section of the river basin. The dam will also supply water to meet demand from industry, agricultural development, tourism, navigation, and aquaculture. A 22km access road from Co Luong in Hoa Binh Province to the dam site will be built that will reduce travel time to and from Hanoi to 4 hours. Power lines will be constructed to supply electricity to the site during construction and evacuate power during operation. The social safeguard teams will visit Hmong villages at a higher frequency and with a more in-depth agenda during internal monitoring. Environmental Category A. \$330 million (IBRD/IDA Specific Investment Loan).

### ***West Bank and Gaza***

#### **Scaling Up Renewable Energy**

The objective is to: (a) assist the Palestinian Authority in developing renewable energy resources to increase the security and diversity of the supply; and (b) focus on the development of a concentrated solar power (CSP) plant in Jericho. Project Concept Review Meeting scheduled for 27 May 2010. Environmental Assessment Category B. Project: P116199. \$10 million (SPF).

### ***Zambia***

#### **Irrigation Development and Support Project**

The project development objective is to improve the supply response to market opportunities for specifically targeted commercializing smallholders through public-private partnerships with commercial farmers. This will be achieved by improving smallholder and commercial farmer access to irrigation and market information, and by strengthening land administration and land use planning. New irrigation civil works will involve dams, which are likely to meet the definition of large dams. Environmental Category A. \$75 million (IBRD/IDA Specific Investment Loan).

### **Proposed Guarantees**

#### ***Nigeria***

##### **Obite Power Project (IPP): (Private Sector)**

The objective is to catalyze private investment for the construction of an about 450 MW power project in Nigeria. An IDA partial risk guarantee is currently being considered in support of the project. Board presentation is tentatively scheduled for fourth quarter 2010.

## **INTERNATIONAL FINANCE CORPORATION**

### **New Proposed Projects**

Source: IFC Projects Database

<http://www.ifc.org/projects>

<http://www.ifc.org/disclosure>

#### ***Cameroon***

##### **Dibamba**

<http://www.ifc.org/ifcext/spiwebsite1.nsf/2bc34f011b50ff6e85256a550073ff1c/b88a4e34c11872a0852576ba000e32aa?opendocument>

IFC proposes to invest up to Euros 24 million (up to 25% of total project cost) in AES Dibamba



Power Development Corporation (AES DPDC or the company) for the development of a thermal power plant in Cameroon. AES DPDC is an affiliate of AES Sonel, the privatized integrated electric utility of Cameroon and an IFC investee company. AES Sonel will also be the off-taker of the power produced by AES DPDC. The Dibamba 86 MW heavy fuel oil (HFO)-fired diesel engine power plant and associated 2 km 90kV transmission line in the Douala region (Dibamba) will be Cameroon's first Independent Power Project (IPP). Dibamba will be an emergency thermal power plant to avoid major load-shedding. This project is a subset of Project#25978 which SPI was disclosed on February 20, 2008. Environmental Category B. Projected Board date: January 28, 2010.

### ***Dominican Republic***

#### **Banco BHD Energy Efficiency**

<http://www.ifc.org/ifcext/spiwebsite1.nsf/f451ebbe34a9a8ca85256a550073ff10/38f065e289f3268c852576d4008314fb?opendocument>

The proposed project entails financing to Banco BHD ("BHD"), a longstanding client and partner of the IFC, used to finance energy efficiency projects in the industrial and tourism sectors in the Dominican Republic, where electricity costs are among the highest in the region. An Advisory Services program will complement the investment, by increasing the internal capacity of BHD to set up an energy efficiency unit and establishing internal capacity to evaluate and process energy efficiency loans. The investment would be a senior loan of up to \$20 million. Environmental Category FI. Projected Board date: March 26, 2010.

### ***East Asia and Pacific Region***

#### **China-ASEAN Fund on Investment Cooperation**

<http://www.ifc.org/ifcext/spiwebsite1.nsf/f451ebbe34a9a8ca85256a550073ff10/ea30d66d3bcee0f9852576ba000e3309?opendocument>

China-ASEAN Investment Cooperation Fund ("CAF" or "Fund") is an unlisted, closed end private equity fund with a target size of \$1 billion. The Export-Import Bank of China ("The Exim Bank") will be the anchor sponsor for CAF with a seed investment of \$300 million.

The target geographies are the ASEAN countries with a mandate to support commercially viable infrastructure projects. The Fund will make investments in equity, equity-linked instruments in both minority and majority. The Fund will primarily focus on the infrastructure sector with investments in transportation facilities, public works, telecommunication network, energy, resources etc. The Fund will also target strategic opportunities based on market needs and work with the respective governments to secure concession for the larger deals. The initial investments will be in cash-flow viable projects/companies. IFC proposes an equity investment for the lesser of \$100 million or a 20% stake in the Fund. Since IFC will participate as a cornerstone investor, IFC will be offered an 8% stake in the General Partner of the Fund. Environmental Category FI. Projected Board date: March 10, 2010. Status: Pending Approval (as of March 22, 2010).

### ***India***

#### **Auro Mira Energy**

<http://www.ifc.org/IFCExt/spiwebsite1.nsf/2bc34f011b50ff6e85256a550073ff1c/72fbcefef801c2d7852576ce0058db18?opendocument>

Auro Mira Energy ("AME") is a renewable energy company with projects at multiple locations

in the State of Tamil Nadu in India. Baring Private Equity Partners (“Baring PE”) are the first investors holding majority stake in the Company. AME currently has two operating biomass projects (7.5 MW and 10 MW). Currently, AME has two operational biomass plants viz. 7.5 MW at Pudukottai, Tamil Nadu and 10MW at T. Kallupatti, Madurai, Tamil Nadu. The Company is developing 100+ MW Projects in Biomass, Small Hydro and Wind in the States of Tamil Nadu, Karnataka, and Orissa. The Company is raising capital to execute these projects. IFC is considering a corporate level equity investment to the Holding Company encompassing all its mentioned assets and other potential future development. IFC had previously appraised this company for an earlier investment (disclosed under the project name “Auromira Biosys” on IFC disclosure website), which included examining CDM Project Design Documents (PDD). Environmental Category B. Projected Board date: March 25, 2010.

### ***India***

#### **Bhilwara Energy**

<http://www.ifc.org/ifcext/spiwebsite1.nsf/2bc34f011b50ff6e85256a550073ff1c/69bfc8735c424adb852576ba000e330a?opendocument>

Bhilwara Energy Limited (“BEL” or “Company”) was formed to develop and operate hydropower assets. BEL currently has a majority stake in a 86 MW operating project (Malana power) and a 192 MW (AD Hydro) hydro power project near completion. It plans to develop a portfolio of several medium to large hydro power plants at different locations in India and Nepal. The proposal is to develop and operationalize a portfolio of projects with power generation capacity of about 2200 MW over the next decade. In parallel, BEL also plans to continue to scout for new hydropower project development opportunities. As a condition of IFC’s participation, BEL will develop a corporate-wide Social, Environmental, Health and Safety management system, based on the management system established for Allain Duhangan Hydropower Project, that will be incorporated into the management and operations of each of BEL’s project companies. Environmental Category A. Projected Board date: March 31, 2010.

### ***Lao People's Democratic Republic***

#### **EdL Rural Electrification**

<http://www.ifc.org/ifcext/spiwebsite1.nsf/f451ebbe34a9a8ca85256a550073ff10/dc1f4f1af12cacc3852576ba000e32d3?opendocument>

The Electricité du Laos (EdL)-Rural Power project will support the second phase of the IDA Rural Electrification Adaptable Loan Program (REP II). The Project involves an up to US\$15 million IFC senior loan with up to 9 years maturity with a 2 year grace to partially finance EdL’s 43 Million rural grid expansion, loss reduction and energy efficiency program. The program consists of the expansion of the medium and low voltage distribution network and substations for rural electrification to serve approximately 38300 HH in Southern part of the Lao People’s Democratic Republic (LAO PDR). The total project cost is estimated at up to \$50million. The proposed IFC investment is a senior loan of up to \$15 million. Environmental Category B. Projected Board date: January 12, 2010. Status: Pending Approval (as of March 18, 2010).

### ***Mexico***

#### **EDF La Ventosa**

<http://www.ifc.org/ifcext/spiwebsite1.nsf/f451ebbe34a9a8ca85256a550073ff10/81aceb3c99869a77852576ba000e32e3?opendocument>

Eléctrica del Valle de México S. de R.L. de C.V. (“EVM” or the “Company”) is currently developing and constructing a 67.5 MW greenfield wind power plant that consists of the installation of 27 Clipper “Liberty” wind turbine generators with a nominal capacity of 2.5 MW each, an associated substation and control facilities, and a 115 kV transmission line from the Project site to the Juchitán II substation of Comisión Federal de Electricidad (“the Project”).

The total Project cost is estimated at approximately MXN\$2.2 billion (approx. US\$189 million equivalent). IFC is considering providing Mexican Peso (“MXN”) denominated senior debt to the Project in an amount of up to MXN\$280 million (equivalent to approx. US\$21.5 million). Other senior lenders to the Project are expected to include the Inter-American Development Bank (“IDB”) and the Export-Import Bank of the United States. IFC is also considering supporting the Project with up to US\$15 million of financing from the Clean Technology Fund (a fund under the World Bank administered Climate Investment Funds) on concessional terms. Environmental Category A. Projected Board date: February 1, 2010. Status: Pending Approval (as of March 18, 2010).

## **ASIAN DEVELOPMENT BANK**

### **New Proposed Projects**

Sources: ADB Business Opportunities, Proposed Projects  
<http://www.adb.org/Business/Opportunities/prprjcs.asp> and  
ADB Projects Search, Proposed Projects  
<http://www.adb.org/Projects/summaries.asp>

### ***China***

#### **Hunan Xiangjiang Inland Waterway Transport**

<http://pid.adb.org/pid/LoanView.htm?projNo=43031&seqNo=01&typeCd=3#addbo>

The proposed Project will significantly reduce the cost of inland waterway transport in Hunan. This will be achieved by supporting the implementation of two major components of the Xiangjiang River. **Component 1 - Tugutang Complex:** This component will upgrade the navigational channel standard to Class III and improve the navigation conditions on a 50 km stretch of the Xiangjiang River between Jingweizhou and Dayuandu. The cost of this component is estimated at CNY1,886 million (\$277 million). The main investment in the project consists of the development of a navigation-cum-hydropower complex at Tugutang, about 4.2 km downstream of the Hengnan Bridge in Hengnan County in the upper reaches of the Xiangjiang River. This will create the storage of water that would provide a constant minimum water depth in the channel to allow the navigation by 1,000 dwt vessels. The complex comprises a dam of about 30 m in height, a shiplock, a power plant with an installed capacity of 80 MW, and substation and transmission lines to connect with the regional high-voltage transmission grid.

**Component 2 - New Zhuzhou Port:** This component will provide the necessary port capacity in Zhuzhou municipality to meet the increased traffic demand after the completion of the Xiangjiang River Master Plan. The new port will replace the two existing berths located in the city center. The investment includes the construction of seven berths for containers, general cargo and bulk cargo, as well as a separate terminal for dangerous goods. Loan \$100 million (Ordinary Capital Resources).

### ***Greater Mekong Subregion***

#### **Core Environment Program and Biodiversity Conservation Corridors Initiative in the Greater Mekong Subregion (cluster RETA)**

<http://pid.adb.org/pid/TaView.htm?projNo=39025&seqNo=01&typeCd=2>

The GMS Working Group on Environment (WGE) in September 2004 requested the Asian Development Bank (ADB) for a Core Environment Program (CEP) to address the likely stresses on the environment from economic development in the GMS, particularly in its economic corridors. The regional technical assistance (RETA) for the GMS Biodiversity Conservation Corridors Initiative, was provided by ADB in December 2004 to set the stage for the CEP. The project has successfully completed strategic environmental assessments for Power Development Plan VI in Viet Nam, tourism sector in Cambodia, and a segment of North South Economic Corridor. The project has also successfully established six biodiversity conservation corridors pilot sites, in five countries, with poverty reduction and ecosystem restoration measures undertaken. In addition, all participating countries are undertaking national EPA reporting including the linking of environmental performance. Supporting this, an Environment Operations Center has been established and National Support Units have been partially established in three countries. Part of CEP will endeavor to initiate a system whereby the hydropower sector systematically pays to conserve non-marketed ecosystem services. TA \$2 million (TBD); TA \$1 million (Special Fund).

### ***Regional***

#### **Empowering the Poor through Increasing Access to Energy**

<http://pid.adb.org/pid/LoanView.htm?projNo=43385&seqNo=01&typeCd=2&projType=GRNT>

The project will improve economic, environmental, gender and health conditions among the poor in participating DMCs who have no access to modern forms of energy. Impact will be measured through the increase in income among people in the project areas and improvement in meeting the MDGs. The project outcome will be increased access to modern, reliable and clean energy services among the region's poor. Outputs: 1. ADB investment in access to energy expanded; 2. selected DMCs (2-3) assisted to analyze options for providing universal access to electricity, and a pipeline of projects generated; 3. financing along the energy access continuum (production, distribution, end-user access) is increased in the Asia Pacific region; 4. capacity of the participating host countries, private sector, financial institutions, and civil society to design, implement, and monitor energy access projects is increased; 5. regional partnership for scaling up access to energy is incubated and prepared to spin off as an independent entity. Grant \$2 million (Clean Energy Facility - Asian Clean Energy Fund).

### **INTER-AMERICAN DEVELOPMENT BANK**

#### **New Proposed Projects**

Source: Projects Gateway, Projects in Preparation

<http://www.iadb.org/projects/index.cfm?language=English>

### ***Argentina***

#### **Wind Power of the South Program**

<http://www.iadb.org/projects/project.cfm?id=AR-L1079&lang=en>

Category B, 2010. Ordinary Capital Investment Loan \$80 million.

### ***Bahamas***

#### **Sustainable Energy Program for the Bahamas**

<http://www.iadb.org/projects/project.cfm?id=BH-L1025&lang=en>

Category A, 2010. Ordinary Capital Investment Loan \$30 million.

### ***Bolivia***

#### **Rural Electrification Program**

<http://www.iadb.org/projects/project.cfm?id=BO-L1050&lang=en>

Category A, 2011. BLD Investment Loan \$60 million.

### ***Brazil***

#### **Rehabilitation Program of the Hydroelectrics "Furnas" and "Luiz Carlos Barreto"**

<http://www.iadb.org/projects/project.cfm?id=BR-L1278&lang=en>

The program aims to finance the modernization and rehabilitation of the Furnas and Luiz Carlos Barreto hydroelectric power plants to: (i) recuperate their electricity generation capacity; (ii) increase their efficiency and reliability and reduce their maintenance cost and time; (iii) increase their operational life; and (iv) update all their technological components. Category A, 2010. Ordinary Capital Investment Loan \$180 million.

### ***Brazil***

#### **South West Tocantins Region Development Program**

<http://www.iadb.org/projects/project.cfm?id=BR-L1152&lang=en>

The Program will support the sustainable development of the southwest region of Tocantins through the development of the irrigation and drainage infrastructure (dams, canals, pumps etc), basic infrastructure (roads, electricity, potable water) to promote agricultural and agribusiness production, employment and to increase the income and welfare of the region inhabitants. Category B, 2010. Ordinary Capital Investment Loan \$99 million.

### ***Jamaica***

#### **Energy Efficiency Program**

<http://www.iadb.org/projects/project.cfm?id=JA-L1025&lang=en>

The Energy Efficiency Loan Program ("EE Program") will provide substantial savings to the Government of Jamaica through the installation of highly-efficient and energy conservation equipment to public sector buildings. Category A, 2011. Ordinary Capital Investment Loan \$20 million.

## **AFRICAN DEVELOPMENT BANK**

### **New Proposed Projects**

Source: ADB Business Bulletin

<http://www.afdb.org/fr/documents/project-related-procurement/afdb-business-bulletin/>

### ***Mozambique***

#### **COFAMOSA Sugar Cane Project**

Under the COFAMOSA Sugar Cane Project, the Government of Mozambique intends to develop an area of 29,000 ha for irrigated land under sugar cane for sugar and ethanol production. The project area is located in Moamba and Magude Districts of the Province of Maputo

Mozambique, and has been selected, mainly, due to the accessibility of water from Corumana Dam on Sabie River, availability of good irrigable soils and the close proximity to potential local and regional markets for sugar and bioethanol. In preparation of this project, COFAMOSA completed a Pre-feasibility Study on July 2003. In November 2006, the GoM granted water and land rights to COFAMOSA for an area 10,000 ha for Phase I of the project. Irrigation water will be provided by gravity from Corumana Dam through Sabie River.

Implementation of the second and third phases will require the rehabilitation of the Corumana Dam to provide the additional water needed to irrigate the remaining area of 19,000 ha. The GoM plans to provide the project area with the proper infrastructure in terms of roads, power, and other social and farm services. Sugar cane will be the main crop to be grown in the area to supply cane for sugar/ethanol production. The chain of sugar cane plantation, production, processing and marketing of sugar and/or ethanol will be managed through a Public-Private-Partnership between the GoM, farmers group (COFAMOSA), the Sugar Company (ies), and PETROMOC as the ethanol off-taker. *Loan Amount: UAC 50,000,000 ADF.*

*The last ADB Business Bulletin on the website is from January 2010.*