

## Data Sheet

<b>USAID Mission:</b>	Brazil
<b>Program Title:</b>	Energy Program
<b>Pillar:</b>	Economic Growth, Agriculture and Trade
<b>Strategic Objective:</b>	512-009
<b>Status:</b>	Continuing
<b>Planned FY 2005 Obligation:</b>	\$990,000 DA
<b>Prior Year Unobligated:</b>	\$0
<b>Proposed FY 2006 Obligation:</b>	\$1,000,000 DA
<b>Year of Initial Obligation:</b>	2003
<b>Estimated Year of Final Obligation:</b>	2008

**Summary:** USAID's energy program seeks to stimulate economic growth, reduce poverty, and address climate change and other adverse environmental impacts through the expanded delivery of renewable energy and energy efficiency services. The program includes technical assistance and training to: implement policies and regulations promoting renewable energy; demonstrate the feasibility and effectiveness of renewable energy technologies; build awareness on renewable energy and energy efficiency; and promote technology cooperation between the United States and Brazil on renewable energy and energy efficiency.

### **Inputs, Outputs, Activities:**

**FY 2005 Program:** Reduce, Prevent, and Mitigate Pollution (\$990,000 DA). USAID will provide technical assistance and training to improve the policy environment to be more supportive of renewable energy; demonstrate the feasibility and effectiveness of renewable energy technologies; build capacity and awareness of renewable energy and energy efficiency; and promote technology cooperation between the United States and Brazil on renewable energy and energy efficiency. Technical assistance will be used to strengthen the capacity of the Brazilian Renewable Energy Nongovernmental Organization Network's (RENOVE) and the Brazilian Water and Energy Efficiency Association (ABAE). Working with private sector partners and nongovernmental organizations (NGOs), 20 new income generation demonstration projects will be launched, targeting 10,000 new direct beneficiaries. Projects will be developed in partnership with local energy utilities and microcredit institutions to facilitate their replication. USAID's technical and legal assistance to targeted private sector partners will lead to the construction of two hydro power plants in northern Brazil, providing energy services to another 10,000 people. USAID will launch an innovative energy efficiency program in which 10-20 industrial and commercial companies will participate. USAID will sponsor at least two international trade events and will continue to disseminate information on Brazilian renewable energy and energy efficiency markets. Principal contractors and grantees include Winrock International (prime) and local NGO sub-recipients.

**FY 2006 Program:** Reduce, Prevent, and Mitigate Pollution (\$1,000,000 DA). USAID plans to continue providing technical assistance to RENOVE to strengthen the network's fund-raising capacity, expand its local partnerships, and increase its engagement in energy policy committees. Assistance to strengthen ABAE will continue. USAID plans to work with NGOs, microcredit institutions, and energy utilities to establish formal partnerships to replicate successful models for energy delivery in rural areas. A comprehensive hands-on energy efficiency program will be continued, targeting industrial and commercial companies in Brazil. USAID plans to partner with the U.S. Foreign Commercial Service to develop the U.S. Renewable Energy Export Initiative in Brazil, under which a trade mission of major U.S. suppliers and trade development institutions is expected to take place in October 2005. USAID will also fund activities that promote cooperation between U.S. and Brazilian firms in the field of renewable energy and energy efficiency. Implementers are the same as above.

**Performance and Results:** Progress is being made in providing for Brazilians with access to modern energy services. In FY 2004, an estimated 125,000 people were connected to the national power grid. Thirty one thousand Brazilians now have modern renewable energy-based services as a result of USAID's interventions. Additionally, successful renewable energy demonstration projects paved the way for partnerships with local energy utilities, which facilitate the replication and scaling up of USAID's initiatives. These initial results indicate that the program is progressing towards the goal of reducing the number of Brazilians without access to adequate energy supply by 30%. By the end of the program, \$10 million will have been mobilized for the development of renewable energy and energy efficient projects and result in a 50% increase in Brazil's installed renewable energy generation capacity.

## US Financing in Thousands of Dollars

Brazil

512-009 Energy Program	DA
<b>Through September 30, 2003</b>	
Obligations	1,294
Expenditures	600
Unliquidated	694
<b>Fiscal Year 2004</b>	
Obligations	1,409
Expenditures	0
<b>Through September 30, 2004</b>	
Obligations	2,703
Expenditures	600
Unliquidated	2,103
<b>Prior Year Unobligated Funds</b>	
Obligations	0
<b>Planned Fiscal Year 2005 NOA</b>	
Obligations	990
<b>Total Planned Fiscal Year 2005</b>	
Obligations	990
<b>Proposed Fiscal Year 2006 NOA</b>	
Obligations	1,000
Future Obligations	3,907
Est. Total Cost	8,600