

## **RDG-06-19: Public Private Sector Partnership on Hydropower in the Partner Countries**

### ***Project***

This project will support the Renewables and Distributed Generation Task Force in its effort to create an enabling environment for renewable and DG technologies in the Partner countries. The project will focus across Partners on identification of specific barriers impeding investment in hydropower in each of the member countries. Partner countries have identified more than \$200B in hydropower investment that will be necessary in their efforts to expand energy generation. Since far less hydropower has come on line than has been planned over the last several years, this effort will take a unique private public sector view and seek to find solutions. This effort will identify and review the specific reasons for the shortfall, and will serve to meet the ultimate mission of the Task Force to put megawatts of power on line. Industry believes that barriers inhibiting investment can be resolved by high level government and private sector involvement—and believes Partner countries can offer this power to convene the requisite parties.

### ***Participation***

This project will be managed by the US Hydropower Council and its India office, with support from the US Department of Commerce, and the U.S. Department of Energy, (may include the USAID India mission) and may include other trade groups and or industry members from other Partner countries. It is anticipated that US Hydropower's Advisory Board in India will participate to ensure that relevant ministries and institutions in India are also aware of this effort. Invitations to the Advisory Board for public and private sector representatives have begun, and it is anticipated that the Partnership may be helpful getting key representatives to participate. An inaugural event will take place in Delhi in October 2006 and stakeholder events will take place in key states September to December 2006. Plans for a hydropower initiative in China will be developed in the 2007-2008 timeframe.

### ***Objectives***

The project will focus on public/private sector work in three areas.

- Identifying priority hydropower projects in the public and private sector in each of the Partner countries' markets.
- Use public and private sector input to identify the main barriers to project investment/deployment.
- Use a pilot project in India that focuses on hydropower projects and priority projects already in the pipeline to help remove barriers facing projects in key states.

### ***Milestones***

Phase 1 By working with the current pipeline of hydropower projects in key states in India that are being inhibited, this project will help to identify specific barriers and work with public and private sector to develop solutions to the barriers. Outreach to the private sector in all Partner countries will add additional projects that will require this support and advocacy.

Phase 2 Add additional key states with projects in the pre-feasibility stage and work with them to achieve financial closure.

Phase 3 Identify other Partnership priority projects and define similar plans to be replicated in those markets.

***Location***

The first phase of this project will take place in key states in India. A second phase will incorporate additional Indian states. This project will be replicated in China.

***Resources***

The total U.S. Government budget for this effort is \$2,000,000. Industry will contribute investment for the projects and it is anticipated that in-kind resources in the form of time from the private sector and Partner government personnel may also be provided to support this effort.