

PHASE 1 ACHIEVEMENTS

During Phase 1, Business Development Support (BDS) was provided on a cost share basis in which private sector organizations received half of the costs of utilizing the BDS services up to a maximum of US\$50,000. Capacity building and the solar pv performance support were provided on a grant basis. Some positive results arising from the contribution of the BDS support, capacity building and grant support are as below:

Mini hydro development

- ❖ 2 mini hydro power projects are under construction (Bugoye – 13 MW, Buseruka – 10 MW)
- ❖ 1 mini hydro power project is slated to reach financial closure (Kikagati – 10 MW)
- ❖ 1 company pursuing a solar thermal project has concluded a power purchase agreement for a 50 MW generation plant
- ❖ Other potential projects are still at initial stages of project development

Solar PV development

- ❖ The number of companies participating in the BUDS-ERT program for solar pv business rose from a baseline of 6 (in the year 2003) to over 30 by the end of Phase I (February 2009)
- ❖ Business generated by the companies was US\$8m
- ❖ The cost per Wp reduced from a baseline figure of US\$20/Wp (year 2000) to US\$16.5/Wp by end of 2007

Capacity Building

- ❖ 250 country wide solar technicians trained
- ❖ 2 engineers certified as energy managers and auditors
- ❖ 23 solar pv standards developed and a solar pv testing laboratory established at the Uganda National Bureau of Standards
- ❖ 4 solar loan products developed by financial institutions
- ❖ Low cost technology introduced to technicians, engineers, consultants and entrepreneurs [single wire earth return (SWER) and pico hydro technology]. One SWER project is likely to be developed as part of the Rural Electrification Agency projects during Phase II. During Phase 2, Pico hydro projects will be promoted for village level electrification.
- ❖ Facilitated a study on the establishment of a Credit Support Facility (CSF). The CSF is a mechanism that will be used during Phase 2 to channel private sector resources into renewable rural electrification projects.

Productive Use of Energy (West Nile Region)

- ❖ Increase in day load for WENRECO power company from commercial activities
- ❖ Linkages established between small and medium enterprises and suppliers of energy, electrical equipment and finance