

# USAID ENERGY POLICY PROGRAM

SUCCESS STORY

## ENHANCING PAKISTAN'S POWER SUPPLY

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## SUCCESS STORY

# Enhancing Pakistan's Power Supply

### USAID provided US \$16.5 million for rehabilitation of Tarbela power plant



“Seeing the restored capacity at Tarbela is a true payoff of our hard work. The months spent in planning and monitoring the activities have resulted in more electricity for us Pakistanis.” Chief Engineer Tarbela.

The jubilant shouts of the Tarbela engineers echoed throughout the Tarbela Power Station. With the replacement of windings at the turbines at Tarbela, the power station had restored 128 MW of lost power generation capacity.

Located in Khyber Pakhtunkhwa (KPK) province of Pakistan, Tarbela Dam is the largest earth and rock filled dam and was built with USAID support in the 1970s.

Assessments undertaken by EPP experts identified that dam's power generation capacity had declined due to gaps in repair and maintenance adding to the energy shortage in the country.

To address this USAID undertook a major assistance program, to support the repair and rehabilitation of Tarbela Power Station. USG provided funds worth \$16.5 million for restoring the lost generation capacity of Tarbela.

USAID experts made repeated visits to the power plant and in partnership with plant managers reviewed and, where necessary, revised equipment requirements and time frames for replacement of critical parts (e.g., windings for three large generators and de-watering pumps). The process gained momentum with all partners fully engaged in each step of the process. Within a span of 24 month, with the continuous technical involvement of local and expatriate USAID experts the rehabilitation work was successfully completed and the power generation capacity of Tarbela restored.

Working together USAID and Government of Pakistan have charted out a new chapter of economic progress and political stability for the people of Pakistan. Now nearly 300,000 families (2 million Pakistanis) have access to reliable power and infrequent power interruptions.