



USAID | **PAKISTAN**
FROM THE AMERICAN PEOPLE

ENERGY POLICY PROGRAM

TARBELA VISIT REPORT

VERIFICATION OF PROJECT WORKS

NOVEMBER 2014



This report is made possible by the support of the American People through the United States Agency for International Development (USAID). The contents of this report are the sole responsibility of the ENERGY POLICY PROGRAM and do not necessarily reflect the views of USAID or the United States Government.

USAID/PAKISTAN: ENERGY POLICY PROGRAM (EPP)

Tarbela Visit Report for the verification of projects works completed

Contract No: AID-EPP-I-00-03-00004 **Order No:** AID-391-TO-12-00002

© USAID/Pakistan: Energy Policy Program
House 4, Street 88, Sector G-6/3
Ataturk Avenue, Islamabad
Phone: +92-51- 8357072 ● Fax: +92-51-8357071
Email: jhicks@aeai.net



DISCLAIMER

The authors' views expressed in this publication do not necessarily reflect the views of the United States Agency for International Development or the United States Government.

1. Purpose of Visit

A visit to Tarbela Hydro Power Plant was conducted on November 10, 2014 by EPP engineers Saleem Paracha and Asif Majeed to monitor (1) progress on the remaining three items of Tarbela Phase I – Generator Spares, SCADA System, Small drainage pump and installation of remaining four Digital Governors and (2) progress on the Condition Precedents (CP's) for Tarbela Phase II. In this regard, EPP engineers met with Tarbela Chief Engineer Mr. Sher Afzal Khan and Resident Engineers, Electrical and Procurement.

2. Status of works in Progress

Progress on Tarbela Phase I

1. Six Digital Governors are installed and operating successfully. Governors on Unit # 8 & 10 are under installation by GE with a scheduled completion by end November. Remaining two Governors- Units # 1 & 2 will be installed soon after the completion of ongoing work and subject to availability of shutdown. It is expected that the installation of all 10 Governors will complete by January 2015.
2. Contract Agreement for the SCADA System was signed on April 30, 2014 and Letter of Credit was established on September 5, 2014. The shipment of equipment is expected in March, 2015 with the installation and commissioning completion in August, 2015.
3. WAPDA has initiated the procurement of small dewatering pump again, after the misplacement of consignment at Singapore port.
4. WAPDA requested to expedite the approval of seven (7) sets of generator rotor poles instead of 1/3 winding spares. The procurement of rotor poles will start soon after the approval.

Progress on Tarbela Phase II

WAPDA was reminded to expedite the opening of separate Operation and Maintenance Account and establish a special dollar account as specified in the Activity Agreement for Tarbela Phase II.

WAPDA informed that all necessary documents were submitted to GM (Finance) office for the above accounts and anticipate that both accounts will open by end this month.

3. Site Visit Photographs



Figure 1: Monitoring the installation of Digital Governor at Unit-8



Figure 2: Installation of Digital Governor at Unit-8



Figure 3: Panel of Old Governors



Figure 4: Installation of Digital Governor System at Unit 8



Figure 5: Installation of Digital Governor at Unit 10