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USAID ENERGY POLICY PROGRAM

VISIT REPORT

VERIFICATION OF PROJECT WORKS COMPLETED
UP TO JANUARY 12, 2012 AT TARBELA HYDRO POWER
PLANT



January 2012

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1. PURPOSE of VISIT

A visit to Tarbela Hydro Power Plant was conducted on Jan 12, 2012 by Senior Energy Expert from AEAI to monitor the progress of the Repair and Rehabilitation of Tarbela Power Plant. The visit was important as it relates to expediting the completion of R & M Works under the USAID funding.

2. STATUS of WORKS in PROGRESS

For the purpose of monitoring of works in progress on the Tarbela Power Plant, Engr. Salim Paracha Senior Energy Expert from USAID Energy Policy Project visited the power plant and inspected the completed and ongoing works as per FARA.

Following is the brief summary of the ongoing works;

1. Unit # 4 winding works completed and the unit is generating additional 108 MW since last summer.
2. Unit # 1 winding replacement started in early Oct 2011 and is almost complete and is ready for testing and reassembly. Testing and commissioning to complete by end Jan 2012 and additional 10 MW will be gained from this unit.
3. Unit # 3 shut down is approved from Feb 1, 2012 and winding replacement to complete by mid. May, 2012. WAPDA is finalizing the purchase order for the procurement of one third winding spares from Marubeni Corporation, Japan. WAPDA was reminded to expedite the purchase of spares as soon as possible.
4. New seals for Relief and Bypass Valves Units 1 – 10 are at Tarbela and replacement to commence from mid. Jan 2012.
5. New Station Drainage Pumps are at Tarbela and replacement of old pumps to start from mid. Jan 2012. Unwatering pumps are scheduled for shipment on April 5, 2012.
6. Digital Governors are scheduled to be shipped from GE USA in March 2012.
7. New SCADA system is under manufacturing with ABB and shipment date is not yet confirmed by the manufacturer ABB.
8. Training as per FARA is in progress. First batch of six engineers completed Advance Technical Training in Switzerland. Second batch consisting of seven Tarbela Engineers is scheduled to depart for training in Switzerland from Jan 21, 2012. WAPDA was reminded that as per FARA only Tarbela Power Station engineers shall avail the training facilities and engineers from other plants are not entitled for this training. WAPDA agreed to strictly follow the FARA guidelines and specifications.
9. WAPDA received EMMP and a team of environmental experts from WAPDA house visited Tarbela to implement the EMMP strictly in accordance with the FARA and USAID environmental guidelines. WAPDA Tarbela agreed to submit monthly progress reports regarding the implementation of EMMP.

Tarbela Power Station Visit photographs are in the AEAI Share folder dated Jan 13, 2012.

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