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ENERGY POLICY PROGRAM TARBELA VISIT REPORT

MAY 2015



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USAID/PAKISTAN: ENERGY POLICY PROGRAM (EPP)

Tarbela Visit Report

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1. Purpose of Visit

A visit to Tarbela Hydro Power Plant was conducted on May 28 & 29, 2015 by EPP engineer, Muhammad Idrees, for inspection of upgrading SCADA system equipment, units 1-14 at site under Tarbela Repair & Rehabilitation Phase I Project and collection of procurement documents of Tarbela Dam repair & Maintenance Phase II Project. In this regard, EPP engineer met with Chief Engineer Tarbela Power Station Mr. Sher Afzal Khan, RE Electrical and ITRE.

2. Site visit

Progress of Tarbela Phase I Project

Upgrading SCADA System, Units 1-14:

EPP engineer visited power station and inspected the station SCADA equipment unit 1-14 recently arrived at Tarbela. The SCADA equipment, main panel, laptop and spares were physically inspected and found in accordance with the specifications laid down in the FARA. This was necessary to verify WAPDA reimbursement claim for this item under Phase-I FARA. The photographs of the SCADA equipment are attached. WAPDA is scheduled to install and test/commission the new SCADA System by August, 2015.

On Phase-I, only one remaining item- Generator Rotor Poles are under procurement and WAPDA was requested to expedite its completion by end December 2015.

Progress of Tarbela Phase II Project

Procurement Documents:

All the relevant documents pertaining to the procurement of equipment under Tarbela Phase II project collected from WAPDA Tarbela Power station including purchase orders of Generator surface air coolers units 1-4 & 11-14, up-gradation of static exciter of units 5-6 & 7-8, Replacement of the existing rotary excitation system units 1-4, procurement & installation of 01 No.60 Ton truck mounted mobile crane and reconstruction of 02 No. electric overhead travelling crane for unit 1-10.

3. Site Visit Photographs

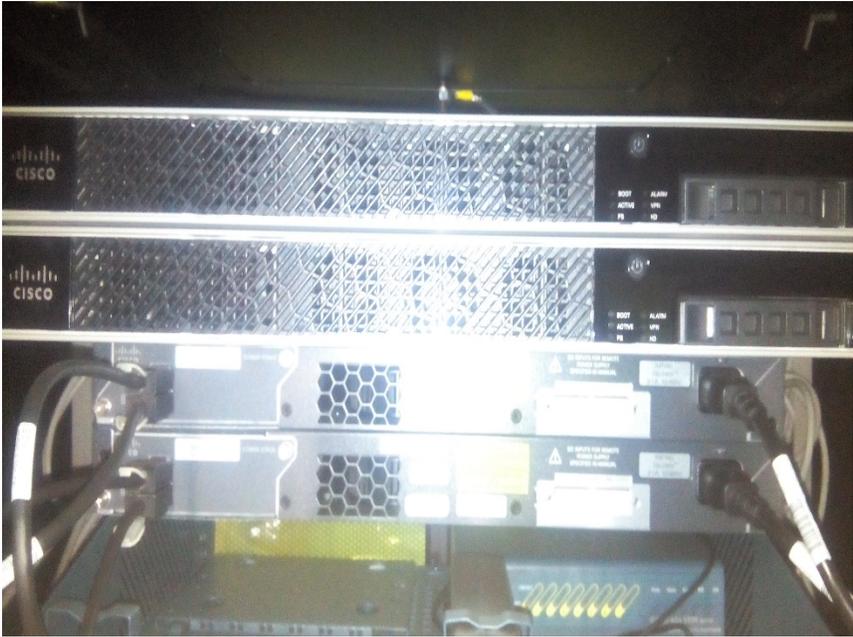


Figure 1: SCADA Panel (CISCO)



Figure 2: SCADA cables



Figure 3: SCADA Panel rear view



Figure 4: SCADA equipment

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