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HYDRO POWER AND ENERGY PLANNING PROJECT (HPEP)

USAID HPEP IS INTRODUCING CLOUD TECHNOLOGIES IN GEORGIAN ENERGY TRADING!

Partial Pool Bilateral Contract Software developed by USAID HPEP is a web based program that can be used by all market participants and the Georgian market operator (MO) for trading electricity. With this program market participants can forecast hourly loads for the next month, plan and execute hourly sales contracts between generation and off- takers and monitor the differences between planned and actual electricity schedules by means of a smart phone or a tablet from any place within internet/mobile coverage. Following to the workshop with selected Market Players (Telasi, EnergoPro, GIEC and MO) where the Monthly and Daily Planning concept, the new model, proposed changes in the Market Rules and Partial Pool Bilateral Contract software were presented, HPEP held individual meetings with the market participants to explain in details how to use the model in field conditions by means of cloud technologies. The novelty was highly appraised by Georgian electricity market players.



HPEP experts demonstrating software application on a tablet to the Energo-pro's Management

USAID HPEP ENDEAVORS TO MAKE ITS CAPACITY BUILDING EFFORTS SUSTAINABLE



Deloitte expert, Lee Mazanec, is presenting CYPRESS methodology at GNERC

To build a more sustainable and long-term approach to HICD, HPEP has introduced the CYPRESS framework for performance improvement during a presentation to GNERC management in early February 2014. The approach linked HPEP's current technical capacity development to the strategic CYPRESS methodology, created an HICD prioritized action plan for the length of the contract, and proposed the forming of a GNERC strategic planning working group to take responsibility for the organizational transformation. The modified HICD plan incorporates the current organization design work as an interim structure to assist GNERC in delivering its core services while providing a framework to begin building the key elements of the transformation. The strategic planning working group will be the foundation for orchestrating the transformational steps including; developing the GNERC vision, mission and values, identifying the goals and key performance indicators, modifying the organizational structure and individual roles, and utilizing the CYPRESS framework to continue the performance improvement efforts needed to achieve GEMM 2015. The working group will be comprised of five key decision-makers of GNERC with the support of the HPEP team.

COST BENEFIT ANALYSIS OF ENGURI WATERSHED

USAID/HPEP in cooperation with the Ministry of Energy created a working group formed by five NGO's and other stakeholders to help the Government of Georgia to quantify and socio-economic factors into new hydropower project developments for Enguri watershed area through a cost benefit analysis (CBA) model. A number of CBA coordination meetings were held in HPEP's office. The first meeting was attended by all CBA stakeholders including the Ministry of Energy, USAID, and NGOs where the tasks and responsibilities among the group members were allocated and the presentations of the working group members were made. As a follow-up, the check-list of the thematic areas and boundaries was developed and agreed between the working group members.



CBA coordination meetings with the NGOs and MoE at HPEP's Office



INVESTOR OUTREACH

On January 15, 2014 the Ministry of Energy of Georgia announced an Expression of Interest for the technical and economic pre-feasibility study of the HPP Cascade on the Zeskho and Tskhenistkali Rivers (Lower Svaneti's Tsageri and Lentekhi Municipalities) on BOO (build-own-operate) terms. If the MOU between Georgia and potential investor is signed, extra 212 MW are added to the HIPP's goal of 400 MW of the installed capacity. The projects promoted by USAID HIPP and HPEP, including HPPs in the Lower Svaneti Cascade, total 755 MW.

Newsletter

January / February, 2014

HPEP SUPPORTS:

- Accomplishment of tasks outlined in the GEMM 2015
- Financing of the new, run-of-river, HPPs by means of non-recourse loans
- Cross-border, competitive trading of clean energy

HIGHLIGHTS

- Cloud technologies in energy trading
- CYPRESS
- Enguri Watershed Cost Benefit Analysis
- Investor Outreach