

Afghanistan Energy Study Committee Meeting Minutes

Meeting time and location: Monday April 23, 2018, World Bank

Discussions and Decisions:

1. The Committee discussed overall progress of the Afghanistan Energy Study (AES), under the guidance of its chair, Deputy Minister Eng. Khulmi. In general, the AES Committee is well established by now and has the required expertise from various parts of the Government. Nevertheless, the Committee suggested to add members to the committee from academia. Hence, Mr. Najib Sabory was proposed by the Afghan Renewable Energy Union (AREU) to be added. Furthermore, Kabul Poly Technique University (KPU) will also nominate a member from the Power Supply department.

2. On **Activity 2 “Financial and Economic Analysis”** the terms of reference (TORs) are approved, and the procurement process for a consulting firm is at its final stages. It is expected that the consultant will sign a contract at the beginning of May 2018. The consultant has asked for a list of projects undertaken under the National Solidarity Program (NSP). MRRD stated that they would be ready to help the consultant. Mr. Ahmad Rasooli was nominated to be the focal point from MRRD side.

3. The consultant who has been retained under **Activity 3 “Household and Enterprise Energy Diaries”** - Samuel Hall - briefed the Committee on the progress of its survey. Accordingly, the pilot phase has been concluded and the survey is well underway. Samuel Hall believes that they will be able to conclude their baseline survey before the start of Ramadan. Committee members provided detailed technical comments, that will inform the survey going forward. The Committee expressed its satisfaction with the progress of the survey.

4. The World Bank team updated the Committee on status of **Activity 4 “Development of a Least-Cost Electrification Plan”**, for which the assignment for Phase II has been advertised. The purpose of the assignment under Phase II is to develop detailed short-term (less than five years) electrification plans for five provinces, including an investment prospectus. The assignment is also to provide targeted capacity building. The closing date for submission of expressions of interest (EOIs) is May 3, 2018.

5. The World Bank team also updated the Committee on **Activity 5 “Institutional Assessment and Development.”** As agreed during the 5th meeting of the AES Committee, this assignment would not be done by a single consulting firm. Rather, various elements would be brought together building on comprehensive stakeholder consultations, informed by individual consultants or experts. Against this background, three separate initiatives are being planned. Firstly, DABS has requested support to help review its governance structure with a view of enabling DABS to provide better electricity services to its customers, and to enable DABS to better expand the grid. The governance workshop is schedule for 2/3 May. In parallel support to MEW on the regulatory agency is planned. Lastly, further work on the roles and responsibilities for rural/off-grid electrification is also envisaged. The Committee will be kept informed on any progress and outputs will be presented to the Committee for review.

6. Under the recent **Activity 6 “Renewable Energy,”** Pasquale Franzese, World Bank Consultant presented work on shortlisting 10 suitable sites for 50 MW on-grid PV plants near the urban centers of Kabul, Jalalabad, Herat, Mazar, and Kandahar. Mr. Franzese also briefed the AES Committee on the working group meetings that helped inform the data in the model built for selection of the sites.

7. It was agreed that the next AES Committee meeting be held in last week of June 2018.

Post Meeting Notes:

IFC's Lighting Afghanistan program update by Mr. Efrem Ferrari: (AIM: promotion of high-quality, certified, off-grid solar products)

1. **First PAYGO entering Afghanistan market:** Bayat Media Center in partnership with AWCC is expected to launch the first PAYGO (Pay as You Go) solar products in Afghanistan, starting from July 2018. The company will be financing and retailing D-Light quality verified Solar Home System (spec sheets attached).
2. **Onboarding of firm to conduct Consumer Education campaigns:** Lighting Afghanistan is finalizing the contract with the firm selected to conduct Consumer Education campaigns for Quality Verified solar lanterns / solar home systems in Afghanistan. From the next fiscal year, the program is expected to launch the campaigns in 6-7 Provinces of Afghanistan in partnership with local distributors of quality certified solar products.
3. **Selection of a firm to conduct a solar Market Assessment:** Lighting Afghanistan is currently selecting a firm to conduct a solar market assessment (household survey) in 5 Provinces of Afghanistan (different from those selected by the WBG study). Aligned to the Energy survey being conducted for the WBG by Samuel Hall, the study will provide information regarding: availability/cost/perception and willingness to pay for a range of solar products (lanterns/solar water heaters/solar home system). The firm will analyze also the solar market supply chain.
4. **Trade events in Kabul:** Lighting Afghanistan will organize a trade event in Kabul (followed by similar events in 5-6 other major cities of Afghanistan) to showcase Quality Verified solar products (lanterns and solar home system) from different manufacturers. The event is targeted to solar companies and wholesalers of solar products. Tentative date is 30th June 2018 (Saturday).

Action items:

Description	Who
Sharing power points of the presentations for activities 3 and 6 prepared by SAMUEL HALL and Pasquale Franzese with the committee members.	WB
Sharing the contact of a new member to be invited for future committee meetings.	KPU and KU
Contacting Mr. Ahmad Rasooli (Senior Technical Specialist at MRRD, Email: a.rasuly@mrrd.gov.af , phone: +93773892035) for coordination with consulting company for activity 2.	MRRD
Adding new members to the committee; <ul style="list-style-type: none"> - Mr. Najib Sabory (najibsabory@areu.com.af) to be added to committee. (Proposed by AREU, He is also a lecturer in Kabul University Energy Department) - KPU to introduce one member of Power Supply department for the committee. 	AREU and KPU
Sharing the questionnaire used for the baseline survey of activity 3 by SAMUEL HALL with the committee members.	WB

Baseline survey for activity 3 to be completed before Ramadan.	SAMUEL HALL
Link to the request for Expression of Interest for activity 4 geo-spatial study to be shared with committee members.	WB (done)
A list of shortlisted companies to be prepared after receiving EOIs for activity 4 geo-spatial study.	WB
Key stakeholders to be invited for activity 5 governance workshop, and the result be presented to the committee.	WB
Next committee meeting to be arranged for last week of June.	WB

List of Appendices

Appendix A – List of Participants

Appendix B – Agenda of the Meeting

Appendix A – List of Participants

1	Mohammad Gul Khulmi	khulmi@outlook.com	MEW	Deputy Minister of Energy, and Head of Committee
2	Mazharuddin Amanpoor	Eng.mazharuddin@gmail.com	MEW	Energy Efficiency Manager for MEW, committee member
3	Qais Ahmadzai	qais.ahmadzai103@gmail.com	MEW	Wind Energy Manager for MEW, committee member
4	Kabul Khan Tadbir	ceo@areu.com.af	AREU	Chairman for AREU, committee member
5	Safiullah Faqirzay	Safiullah.faqirzay@dabs.af	DABS	Renewable Energy Department of DABS, committee member
6	Mahmood Shah Sediqi	Mahmood.sediqi@dabs.af	DABS	GIS Manager, Committee member
7	Esmat Sharif	Esmat.sharif@dabs.af	DABS	Renewable Energy Department of DABS, committee member
8	Efren Ferrari	eferrari@ifc.org	IFC	Program Coordinator for IFC, committee member
9	M. Anwar Saraj	anwarsaraj@gmail.com	KPU	Lecturer at KPU, committee member
10	Mohammad Asif Akbari	asif.akbari2010@gmail.com	MAIL	GIS Specialist for MAIL, committee member
11	Farhad Miakhel	Farhad.mia@crida.gov.af	CRIDA	GIS Specialist for CRIDA, Committee member
12	Shekeb Faiz	shekeb@mrrd.gov.af	MRRD	GIS Officer for MRRD, committee member
13	Mansoor Zamani	Mansoor.zamani@mrrd.gov.af	MRRD	Committee member
14	Naeem Meer	naeem.meer@samuelhall.org	SAMUEL HALL	Country Representative for SAMUEL HALL
	Jawid Hassanzai	Jawed.hassanzai@samuelhall.org	SAMUEL HALL	National Researcher for SAMUEL HALL
15	Pasquale Franzese	pfranzese@worldbank.org	WB	Consultant for WB
16	Taiba Jafari	tjafari@worldbank.org	WB	Consultant for WB
17	Fanny Missfeldt Ringius	fmissfeldt@worldbank.org	WB	Lead Energy Specialist for WB, Committee member
18	Zubair Stanikzai	mstanikzai@worldbank.org	WB	Consultant for WB
19	Abdul Baes	aakhundzada@worldbank.org	WB	Consultant for WB

AFGHANISTAN ENERGY STUDY

5th Afghanistan Energy Study Committee Meeting

April 22, 2018

10:00 am – 01:00 pm

World Bank, Kabul, Afghanistan

Background: the purpose of the Afghanistan Energy Study is to conduct a comprehensive assessment of the energy sector, and to inform investments that aim to increase accessibility to affordable and sustainable energy. The study is expected to last until mid-2019. The Afghanistan Energy Study Committee oversees the study and ensures quality control. It is chaired by the Deputy Minister of Energy, and composed of representatives from MEW, MRRD, and DABS. In addition, a Geo-Spatial Working Group has been formed as an integral part of Activity 4 (Least Cost Electrification Plan and Development of Investment Prospectus) of the Afghanistan Energy Study. This working group consists of nominated officials from Kabul Polytechnic University and Kabul University, Afghan Geodesy and Cartography Head Office (AGCHO), the Capital Region Independent Development Authority (CRIDA), the Afghan power utility DABS, the Ministry for Rural Rehabilitation and Development (MRRD), Ministry of Agriculture, Irrigation and Livestock (MAIL), and Ministry for Energy and Water (MEW). The purpose of this 5th meeting is to take stock of progress on the overall study thus far and to agree on the next steps going forward.

AGENDA

10:00-10:15 am	Welcome – Deputy Minister – Eng. Mohammad Gul Khulmi (MSc), MEW
10:15-11:00 am	Update on Overall Progress of Afghanistan Energy Study: <ul style="list-style-type: none">- Activity 2 (Financial and Economic Analysis of Off-grid schemes): Progress on Procurement of Firm to undertake the study- Activity 3 (Household and Enterprise Energy Diaries): Progress Report on the Energy Survey and Diaries- Activity 4 (Least-Cost Electrification Plan): Progress on Procurement and Funding Update- Activity 5 (Institutional Assessment and Development): Update on planned initiatives- Activity 6 (Renewable Energy): Update on identifying on-grid solar sites. Update on IFC's Lighting Afghanistan Program – Mr. Efreem Ferrari, Consultant IFC- Question and Answer Session
11:00-11:15	Break
11:15-12:15	Continue on updates of the Overall progress of Afghanistan Energy Study
12:15 am -12:30 pm	Closing and Next Steps
12:30 pm – 1:00 pm	Lunch