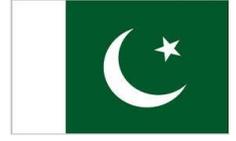




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# ENERGY POLICY PROGRAM

## FEEDBACK EVALUATION REPORT OF TRAINING ON POWER SECTOR INTEGRATED MODEL

AID-EPP-I-00-03-00004, AID-391-TO-12-00002

**July 2014**

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# Training on Power Sector Integrated Model

Training Date: June 21, 2014

The Energy Policy Program (EPP) conducted a one-day training session on the Power Sector Integrated Model (Power SIM) for senior officials and technical staff at the Ministry of Petroleum and Natural Resources (MPNR). A total of seven participants (6 male and 1 female) attended the session. The training agenda included an overview of the power sector, a presentation on the salient features of Power SIM, and its capabilities and constraints. The application of Power SIM in the petroleum sector was also presented. At the conclusion of the training session, a Q&A was conducted, and the participants were given an opportunity to provide their comments and feedback.

In an effort to determine whether the training session was beneficial, EPP collected feedback forms at the end of the training session.

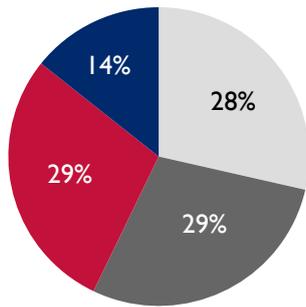
The following is a summary of their responses.

The feedback form focused on various aspects of the training program. Participants were asked to provide ratings from 1 to 5: with 1 for “Did not meet expectations” and 5 for “Outstanding”

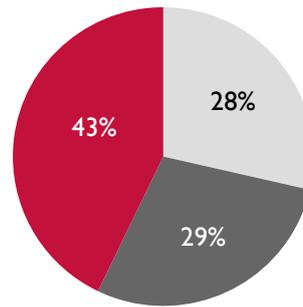
5 = Outstanding, 4 = Very good, 3 = Satisfactory, 2 = Needs Improvement, 1 = Did not meet expectations

	Did not Meet Expectations	Needs Improvement	Satisfactory	Very good	Outstanding
Relevance to your organization’s work area	0	2	2	2	1
Relevance to your work within the organization	0	2	2	3	0
Structure of the program	0	1	1	4	1
Topics covered in the program	1	0	1	1	4
Quality of class room interactions	0	0	1	2	4
Quality of training and reading materials	0	0	0	5	2
Appropriateness of reading materials	1	0	0	4	2
Quality of Speakers/Trainers	1	1	0	2	3
Training Content & Relevance	1	1	0	2	3
Trainer/Speaker Effectiveness	0	2	0	3	2

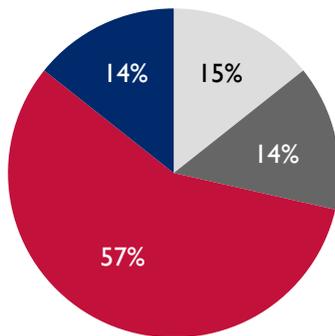
**Relevance to your organization's work area**



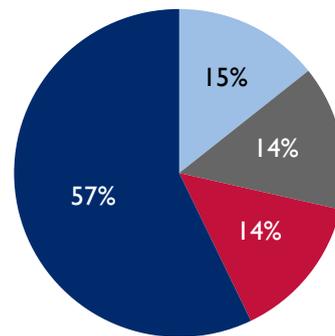
**Relevance to your work within the organization**



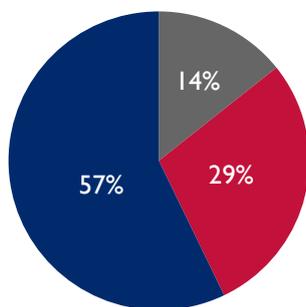
**Structure of the program**



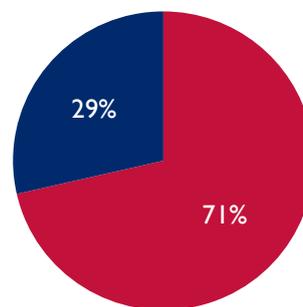
**Topics covered in the program**



**Quality of classroom interactions**

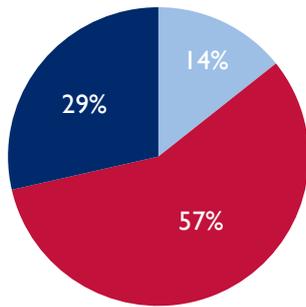


**Quality of training and reading materials**

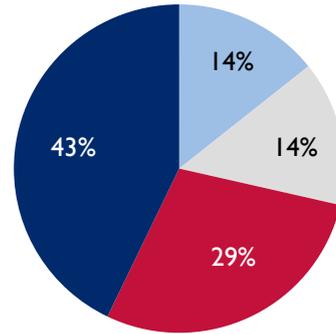


■ Did not meet expectations ■ Needs improvement ■ Satisfactory ■ Very good ■ Outstanding

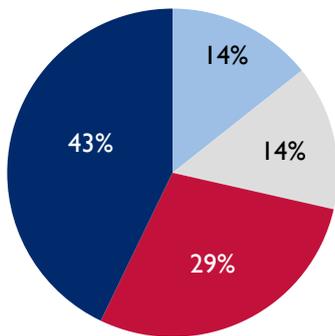
**Appropriateness of reading materials**



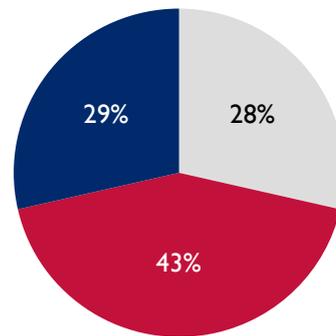
**Quality of speakers/trainers**



**Training content & relevance**



**Trainer/speaker effectiveness**



■ Did not meet expectations ■ Needs improvement ■ Satisfactory ■ Very good ■ Outstanding

# Participant Feedback

Please share any other observation or comments regarding the trainer/training program/logistics:

Six participants recorded their responses to this question. A significant number of participants mentioned that the training program was very interesting, and were satisfied with the quality of the trainers:

- *“The trainers were good, but they should try to make the training program more interesting, time period should also be increased two days”*
- *“It was a very interesting”*
- *“Friendly and interactive session”*
- *“It was very interactive session and we really clarified our understanding of power sector dynamics”*
- *“Very impressed from Matt Addison he welcomed all the participants cordially”*
- *“The training program was excellent and all the trainers imparted training in professional manner and covered almost all the aspects that lead to develop the model”*

## How could MPNR integrate the Power SIM systems?

Four of the seven participants responded to the to this question:

- *“SIM can be customized for MPNR by: 1) Interpreting well head prices of all field, 2) By including cost features as determined by OGRA”*
- *“Power sector is most dependent which are supplied by Ministry of Petroleum, prices of oil and gas have an impact on electricity tariff”*
- *“MPNR needs effective and efficient model which is easy to understand and easy to use”*
- *“It will help MPNR to develop model based on gas pricing specially import in LNG, import gas from Iran, Turkmenistan, Qatar ”*

## What specific skill(s) did you gain as a result of this training?

Five participants responded to this question; a significant number of participants shared the new skills they gained from this training, and how these skills would be useful as they performed their job functions:

- *“Basic understanding of the model”*
- *“I learned that increase supply of gas to power sector will decrease tariff significantly got understanding of power sector and importance of input fuels”*
- *“I have been able to get an overall idea of modelling my spread sheets”*
- *“This training little bit enhanced my capabilities towards my assignments”*
- *“Firsthand knowledge of power sector pricing and different technical matters”*

## In the future, how will you apply what you have learned? Please detail how you will leverage and deploy any knowledge you have gained?

Five participants responded to this question, and felt that the training was very useful for their own work:

- *“It has given us an idea to develop similar model for pricing”*
- *“We will suggest developing SIM for MPNR which will enable us to watch oil inventory availability of natural gases CNG and Coal”*
- *“Of course the power SIM model can be tailored for me in gas sector”*
- *“It will help me while discharging my duty in future”*
- *“As indicated earlier it will help in fixation of consumer prices on weighted average cost of gas especially utilization of imported LNG and imported gas from Iran”*

## How will your organization benefit from the Power SIM training in both the short term and long term?

Four participants responded to this question, with a variety of answers:

- *“It helped our Finance and Planning officers to get an understanding of power sector”*
- *“MNPR can use SIM to determine the average gas cost more importantly, it may determine how much sale prices of different sectors are to be increased and decreased to cover the average gas price/cost”*
- *“It will help us in having a fair idea of impact of gas or oil prices in power tariffs”*
- *“It will do far better in my assignment”*

## What was missing in the Power SIM Training?

Five participants responded to this question, and raised various issues which they felt were missing from the training:

- *“Relevance to MPNR”*
- *“SIM was basically for power sector, by obtaining training inputs , now it should be customized for MPNR and some current figures are to be taken to solve prevailing problem/situation”*
- *“I think it is fairly good model”*
- *“There is nothing missing but it seems confusing that how this will apply in gas pricing”*
- *“It should have been for longer duration instead of one day”*

## Do you have any suggestions for how we could improve future Power SIM trainings?

Five participants responded to what worked well in the training program, and shared some views as to how future programs could be improved:

- *“While inviting the relevant officers, the duration of the training should be increased to at least three days, followed by some assignment or scenarios”*
- *“Suggestions will be after next session when we will have SIM customized for MPNR”*
- *“It should give more flexibility to users to change inputs”*
- *“Training instruction should be in Urdu language”*
- *“We hope that USAID will help M/O Petroleum & NR developing a model for gas consumers including power sector”*

## Conclusion:

The evaluation summary provided an account of participants' views on various aspects of the PowerSIM training. Feedback on the organization of the training program was generally positive, and participants seemed quite satisfied with the trainers, as well. The principal suggestion for improving the training was that there should have been more time allotted to clarify concepts and their relevance to MNPR. Additionally, one participant felt that the PowerSIM training should be delivered in Urdu.

## Annex I: Photographs



## Annex II: List of Trainees

[Redacted]

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