

Minute of the 1st TWG II Meeting

Place and Time

Place : Hotel Sultan - Jakarta, Kerinci Room

Date : Sunday, 29 Nov 2009

Time : 14.20 – 18.00

Participants:

DGEEU – MEMR : Ms. Indarti, Mr. Toni Susandi
DICEMR – MEMR : none
ECN : Mr. Nico vander Linden, Mr. Raouf Saidi, Ms. Tjasa Bole
ITB : Mr. Oetomo Tri Winarno
North Sumatra : none
Central Java : Mr. Joko Windarto
West Nusa Tenggara : Mr. Abdul Natsir, Ms. Niken Arumdati
Yogyakarta : Ms. Lilies Sertiartiti, Mr. Sri Atmadja P. Rosyidi
Papua : Mr. Jonathan Numberi

Agenda:

14.20 - 14.30	Introduction	Mr. Nico van der Linden
14.30 - 15.00	Renewable Energy Master plan	Ms. Indarti
15.00 - 15.15	Coffee break	
15.15 - 16.30	RE Development in the Regions	Mr. Joko Windarto Ms. Niken Arumdati Mr. Jonathan Numberi Mr. Sri Atmadja
16.30 - 17.30	Methodology of TWG II	Mr. Oetomo Tri Winarno
17.30 - 18.00	RE Technologies	Mr. Raouf Saidi
18.00 - 19.30	Dinner at Hotel Sultan	

Introduction

Mr. Nico vander Linden opened the first meeting of Technical Working Group II of CASINDO on Renewable Energy Action Plan by welcoming all participants and informing the meeting agenda. Ms. Farida Zed of DICEMR – MEMR could not attend the meeting, because at the same time she had meeting with the Minister. North

Sumatera team also could not come, because they had a task from the Rector that could not be left. Then, Mr. Nico distributed the CASINDO leaflet for the participants.

Renewable Energy Masterplan

Ms. Indarti assisted by Mr. Toni Susandi presented “Policy and Regulation on New and Renewable Energy”. The presentation consist of: current energy condition, new and renewable energy (NRE) policy, draft of regulation on NRE, and draft of NRE master plan.

Current energy condition:

- Current capacity of NRE power generation: Hydro 3,532 MW (11,1%), Geothermal 1,090 MW (3,4%), Biomass 445 MW (1,4%), and Other renewable energy 98 MW (0,3%).
- Average national electrification ratio in 2007 was 64%, where the electrification ratios in eastern part of Indonesia are less than 40%.
- Installed capacity of RE for rural electricity:
 - Solar PV : 10 MW
 - Microhydro : 84 MW
 - Wind : 520 KW
 - Biomass : 150 KW

NRE policy:

- Selling price of electricity from geothermal are:
 - Capacity 10 – 55 MW: 85% of average cost at medium voltage of PLN.
 - Capacity >55 MW : 80% of average cost at high voltage of PLN
- Selling price of electricity from NRE are:
 - 60% of average cost at low voltage of PLN, or
 - 80% of average cost at medium voltage of PLN.
 - Contract duration is 10 years and can be extended.
- Target for 2025: 95% rural electrification.

Draft Regulation on NRE:

- Facilities for NRE development:
 - Provide information and data on NRE potency, technology, and plan
 - Simplification of NRE business licensing process
- Incentives for NRE development:
 - Soft loan for NRE development
 - NRE pricing policy
 - NRE fiscal policy

Draft of NRE Master plan:

- Draft of NRE Master plan is in preparation by third party, and will finish soon.
- Data on NRE in CASINDO regions have already collected, except for Yogyakarta.

Presentation by regional teams:

Each of regional team presented the potency of RE in their region, current condition of RE utilization and policy for RE development. Mr. Joko Windarto presented RE condition in Central Jawa, Ms. Niken Arumdati for West Nusa Tenggara, Mr. Jonathan Numberi for Papua, and Mr. Sri Atmadja for Yogyakarta.

Methodology for TWG II:

Methodology for TWG II was presented by Mr. Oetomo Tri Winarno. The TWG II is aimed to formulate renewable energy planning and renewable energy action plan in five provinces, to implement and achieve the target of renewable energy development in National Energy Policy.

Scope of Work TWG II are:

1. Identification of renewable energy potential
2. Evaluation of policy and implementation of RE development
3. Analysis of renewable energy development opportunities
4. Setting of RE development target
5. Implementation strategy and action plan

Methodology for carrying out TWG II are:

1. Current Situation Analysis
 - a. Secondary data collection, as already done in Reg. Energy Profile
 - b. Meeting with regional energy office
 - i. To collect and verify data of RE potential and RE utilization
 - ii. To collect information of RE policy in the region
 - iii. To discuss about RE development opportunities
 - iv. To select site visit location
 - c. Site visit
 - i. Site visit to all type of RE potential/utilization in the region (at least one location for each type of RE).
 - ii. The objective of site visit:
 - To understand about current situation of RE potential/utilization
 - To make networking between CASINDO team – regional government – RE company/institution
2. RE Action Plan
 - a.
3. Setting RE Dev't Target
 - a. Collect and evaluate the current RE policy
 - i. Collect the current RE policy
 - National level: KEN, RIPEBAT, Biofuel Policy, etc.
 - Regional level
 - ii. Evaluate the achievement of RE dev't in the region
 - iii. Analyze the "new" RE dev't target for the region

- b. Focus Group Discussion to set RE target
 - i. Focus group discussion with RE stakeholder in the region to set the RE dev't target for the region.
 - ii. The FGD is conducted together with Dinas, so the agreement on RE dev't target can be formalized as Dinas's document.
4. Implementation Strategy and Action Plan of RE Dev't
 - a. Analyze the strategy to achieve the RE dev't target
 - b. Formulate the milestone and action plan of RE dev't
 - c. Design the institutional set up to achieve the RE dev't target

The deliverable of TWG II is D25 : Report on Regional RE Action Plan. Time duration for completing TWH II is from December 2009 to September 2011.

Correlations of TWG II to the other TWG are with TWG I Regional Energy Outlook and TWG IV RE Project Development.

RE Technologies:

Mr. Raouf Saidi presented RE technologies, for supporting the formulation of RE action plan. The RE technologies can be categorized into demand side and supply side. The criteria for technology to be implemented are: cost effectiveness, sustainability, and deployment potential.

Next actions:

After this meeting, regional CASINDO teams can start the activities of TWG II. In the first 6 months, the teams should carry out current situation analysis and site visit to RE location. In the next 9 months, the teams should carry out analysis of RE development opportunities, In next 8 months, the team should conduct evaluation of current RE policy, FGD on RE development target, formulate strategy and action plan, and report writing.

The next meetings are:

- 2nd meeting : May 2010, the agenda is to discuss current situation of RE
- 3rd meeting : January 2011, the agenda is to discuss analysis of RE development
- Final meeting : September 2011, the agenda is to discuss RE development target and action plan for its implementation.