



Proposed 2020 RPS Off-Grid Work Program in collaboration with the Access to Sustainable Energy Programme (ASEP)

**Renewable Energy Management Bureau
Department of Energy**

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F1 Hotel Manila



Background

- ✓ REMB, in partnership with ASEP, introduced the Simplified Planning Tool (SPT) Version 3.0 to the RPS Off-Grid Mandated Participants during a training conducted last 26-27 March 2019 at the DOE-AVR.
- ✓ The SPT, a planning tool in Excel Platform, can be used by RPS Off-Grid Mandated Participants in the planning and implementation of their respective minimum RPS Compliance Plan.
- ✓ New Private Power Providers (NPPs), Distribution Utilities with embedded generation facilities and Qualified Third Parties (QTPs) attended the training.



Background

- ✓ The minimum annual RPS obligations of RPS Off-Grid Mandated Participants shall be consistent with their Optimal Supply Mix.
- ✓ The SPT calculates the Levelized Cost of Electricity (LCOE) of Hybrid System which can serve as basis for Mandated Participants in determining their Optimal Supply Mix.
- ✓ Funding of the activities of the proposed RPS Off-Grid Work Program shall be fully or partially sourced from ASEP through its additional EUR 6 Million Allocation and Project Extension



Proposed Activities

➤ Conduct of Capacity Building on SPT at DOE

☐ Program Activities

- Off Grid 101
- RPS Off-Grid Rules Presentation
- Philippines RE Market System (PREMS)
- Presentation of SPT v.3
- Hands on Activity

☐ Objectives:

- Familiarization with the operation of the off-grid power market;
- Identification of the participants, roles and timeline of RPS Off-Grid Rules;
- Familiarization with PREMS;
- Updated on the functionalities of the tool; and
- Proficiency in using the revised tool.



Proposed Activities

- **Conduct of Capacity Building on SPT at DOE**
 - ❑ Expected Output: Trained DOE Users of SPT
 - ❑ Timeline: Last Week of February 2020
 - ❑ Participants: DOE (REMB, EPIMB), RPS Composite Team, NEA



Proposed Activities

➤ **Conduct of Users' Training on SPT among Off-Grid Mandated Participants in Luzon, Visayas and Mindanao**

☐ **Program Activities**

- Off-Grid RE power project development
- RPS Off-Grid Rules Presentation
- Philippines RE Market System (PREMS) Overview
- Presentation of SPT v.3
- Hands on Activity
- Focus Group Discussion

☐ **Objectives:**

- Familiarization on how to assess, develop, utilize and operate an RE project in off-grid areas;
- Understanding of the salient features of the DC;
- Familiarization with PREMS; and
- Proficiency in using the revised tool.



Proposed Activities

➤ **Conduct of Users' Training on SPT among Off-Grid Mandated Participants in Luzon, Visayas and Mindanao**

☐ **Expected Output:**

- Determination of RPS Requirements of Off-Grid Mandated Participants, consistent with their Optimal Supply Mix

☐ **Timeline:**

- For Luzon – First Week of April 2020
- For Visayas – Last Week of April 2020
- For Mindanao – Second Week of May 2020

☐ **Participants:**

- NPC-SPUG
- New Private Power Providers (NPPs)
- Distribution Utilities with embedded generation facilities and
- Qualified Third Parties (QTPs)



Proposed Activities

- Points for consideration
 - ❑ Identification of venues shall consider clustering of mandated participants in all regions of LVM
 - ❑ Proposed activities schedule are dependent to the DOE's acceptance of the revised version of the SPT
 - ❑ Budget for the activities can be co-shared with DOE





THANK YOU

