The Project for Capacity Development of Power Sector Development Planning

Japan International Cooperation Agency
NEWJEC Inc.
The Kansai Electric Power Co., Inc.
## Outline of the Project

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<td><strong>Project Period</strong></td>
<td>From August 2016 to January 2018 (Total 30 months)</td>
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| **Scope of Target Facilities** | ◆ Power generation facilities under the bulk power system  
◆ Transmission and substation facilities over 66kV.                                      |
| **Counterparts**          | DEPP : Department of Electric Power Planning  
PTSCD : Power Transmission and System Control Department                                                                                   |
| **Project Outline**       | Purpose of the Project is to facilitate the development of electric power sector based on National Electricity Master Plan (NEMP) by enhancing the following capacity of MOEE;  
➢ Institutional mechanism of reviewing, updating and utilizing NEMP  
➢ Information and data management for NEMP  
➢ Formulation and update of NEMP studies                                                                                           |
Flow Chart of the Project (to be confirmed)

Preparatory Works (3 months)
- Establishment of Project Implementation Structure
- Baseline Survey

Data Collection Survey for each WG
- Primary Energy
- Power Demand Forecast

NEMP Update (12 months x 2 cycles)
- Power Generation Development Planning
- Power System Planning
- Environmental and Social Considerations
- Economic and Financial Analysis
- Preparation of Short / Medium / Long Term Investment Plan
- Formulation of NEMP

Recommendations (3 months)
- Preparation of Reports and Manuals
- Preparation of the Recommendations on Sustainable Mechanism

1st Cycle (under the Technical Transfer by JICA Experts)
- Baseline
- after 1st Cycle

2nd Cycle (by MOEE’s Initiative)
- after 2nd cycle
Project Implementation Structure (to be confirmed)

JICA Expert Team
- Long-term Resident Expert (JICA)
- Short-term Experts (Consultants)
  - Team Leader/Power Sector Planning
  - Power Generation Development Planning
  - Power System Planning
  - Power Demand Forecast
  - Primary Energy / Thermal Power
  - Economic and Financial Analysis
  - Data Management
  - Institutional Facilitation
  - Environmental and Social Consideration
  - Project Coordinator / Monitoring

MOEE Project Team
- Project Chairperson
- Project Director (DEPP)
- Project Manager (DEPP)
- Project Coordinator (PTSCD)
- Working Group Members
  - Power Demand Forecast
  - Power Generation Development Plan
  - Power System Development Plan
  - Environmental and Social Considerations
  - Economic and Financial Analysis
  - Institutional Facilitation and Data Management

Milestones for the Project Schedule (to be confirmed)

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<tr>
<td>Sep. 2016</td>
<td>Kick-off Meeting</td>
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<tr>
<td>Feb. 2017</td>
<td>1\textsuperscript{st} NEMP Seminar (Presentation of Power Generation Development Planning)</td>
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<td>Aug. 2017</td>
<td>2\textsuperscript{nd} NEMP Seminar (Presentation of updated NEMP in 1st Cycle)</td>
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<td>Aug. 2018</td>
<td>3\textsuperscript{rd} NEMP Seminar (Presentation of updated NEMP in 2nd Cycle)</td>
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<td>Dec. 2018</td>
<td>Closing Seminar</td>
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