

## **RDG-06-11: Development of Economic Indices for Renewable Energies and Distributed Generation in the Asia-Pacific Region**

### ***Project***

Title: Development of Economic Indices for Renewable Energies and Distributed Generation (hereinafter, REDG) in the Asia-Pacific Region.

As the current oil price hike is expected to continue in the future, renewable energies is gaining their market share, reflecting the improved economic feasibility. However, most renewable energies, except for wind, hydro, biomass, are still costly energy options, compared to the conventional energy sources. In this regard, development of economic indices is under consideration, which can be referred to as criteria in prioritizing development and deployment of renewable energy R&D and deployment. Economic indices can also be used in developing and implementing cost-effective policy tools for each member country and the Asia-Pacific region as a whole.

### ***Participation***

#### ***Manager***

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#### ***Partners***

The United States of America (possibly, EIA/DOE or NREL)

Institute of Energy Economics Japan (IEEJ), NEDO or NEF (New Energy Fund)

Relevant institutes in other Partner countries (Australia, China and India)

### ***Objectives***

Database of economic indices for renewable energy resources, supply/demand, assessment of production costs and benefits.

Policy recommendations to maximize the cost-effectiveness of renewable energy development and deployment.

### ***Milestones***

Year 1 Fact-finding (information gathering) and analysis of resource potential for REDG

Year 2 Integrated data-base building of economic indices for REDG

Year 3 Recommended policy tools to promote commercialization of REDG and updating the DB thereafter.

### ***Location***

The project will operate primarily in Korea, networking with other Partner countries.

### ***Resources***

Total 1.2 M USD

- Cash: 0.6M (from Partner countries), in-kind: 0.6M

\* Budget is to be allocated among participants and may vary according to the participants' consultation.