

Republic of the Philippines
ENERGY INVESTMENT COORDINATING COUNCIL

RESOLUTION No. _____

**ADOPTION OF SUB-ATTRIBUTES OF
ENERGY PROJECT OF NATIONAL SIGNIFICANCE (EPNS)**

WHEREAS, the Energy Investment Coordinating Council (EICC), as created under Executive Order No. 30 (E.O. 30) series of 2017, has among its purposes the establishment of a simplified approval process and harmonization of relevant rules and regulations affecting the Energy Projects to ensure the delivery of sufficient, adequate and reliable supply of energy in the country;

WHEREAS, Section 2 of EO 30 defines Energy Project of National Significance (EPNS) as any major energy project for power generation, transmission and/or ancillary services including those required to maintain grid stability and security, identified and endorsed by the DOE as “Project of National Significance” in consonance with the policy thrusts and specific goals of the Philippine Energy Plan (PEP), and possesses any of the following attributes:

- a.) significant capital investment of at least P3.5 Billion;
- b.) significant contribution to the country’s economic development;
- c.) significant consequential economic impact;
- d.) significant potential contribution to the country’s balance of payments;
- e.) significant impact on the environment;
- f.) complex technical processes and engineering designs; and
- g.) significant infrastructure requirements.

WHEREAS, the DOE-EPNS Committee has recommended the adoption of Sub-attributes, defining the characteristics of each of the foregoing attributes that must be considered by applicants in order for their projects to be declared as EPNS.

NOW, THEREFORE, as presented during the 1st and 2nd EICC Full Council Virtual Meeting held on 09 June 2020, the EICC hereby approves the following EPNS Sub-attributes to ensure that only projects that are in consonance with the policy thrusts and specific goals of the Philippine Energy Plan are declared as EPNS:

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1. Significant Capital Investment of at least PhP 3.5 Billion

The total amount of investment of any EPNS application should be able to finance the construction, at a minimum equivalent capacity, of any of the following:

- 13 MW Nuclear Power Plant;
- 45 MW Coal Power Plant (Sub-Critical);
- 40 MW Coal Power Plant (Super Critical);
- 75 MW Natural Gas Plant;
- 75 MW Diesel Power Plant;
- 70 MW Bunker C;
- 13 MW Geothermal Plant;
- 20 MW Hydropower (run-of-river) Plant;
- 30 MW Biomass Plant;
- 40 MW Solar Plant;
- 38 MW Wind Plant;
- 0.20 Million Tons per Year (MTPY) of LNG Terminal (can fuel 95 MW of Natural Gas at 85.0 percent capacity factor, or 190 MW at 50.0 percent capacity factor);
- 1.70 thousand barrels per day (kbbl) capacity of Oil Refinery; and,
- 23 wells (USD 3 million per well) drilling for onshore; 7 wells (USD 10 million per well) drilling for offshore.

2. Significant Contribution to the Country's Economic Development

Aside from promoting greater energy supply security and access to energy, a project must contribute to wealth creation for the country through the following:

- ER 1-94 Benefits to Host Communities of at least **PhP 22 million** annually; and/or,
- Contribution to National Wealth Tax of at least **PhP 100 million** annually.

3. Significant Consequential Economic Impact

A project has a potential to generate jobs quantified by the number of workers employed, and/or contribution to providing greater access to electricity in off-grid areas as follows:

- Contribute to local job generation of at least **150 workers** (during operation including indirect employment) and **1,000 workers** during construction (based on 300 MW Coal Power Plant); and,
- Potential for Micro-Grid in areas offered for Qualified Third Party in small islands/SPUG areas in support of productive use of electricity.

4. Significant Potential Contribution to the Country's Balance of Payments

A project must have a potential to contribute to the inflow of foreign investment capital and reduction in the country's balance of payments:

- At least **40% Foreign Investment** of total project Investment; and
- Contribution to reduction of energy imports.
 - Equivalent avoidance of at least or in excess of **130,000 metric tons** of coal annually.
 - Equivalent avoidance of at least or in excess of **2.0 billion cubic feet** of LNG annually.
 - Equivalent avoidance of at least or in excess of **180,000 barrels** of oil annually.

5. Significant Impact on the Environment

A project with a potential to contribute to energy infrastructure sustainability and/or with minimal adverse effects to the environment through:

- Entry of climate-resilient energy facilities; and,
- Contribute to the Greenhouse Gas (GHG) emission reduction/avoidance of at least **200 thousand tons (Kton) of CO₂ equivalent**.

6. Complex Technical Processes and Engineering Designs

A project introducing newly and emerging energy technologies and/or pioneering energy systems as determined by the following:

- Entry of new and emerging energy technologies with higher efficiency factors than existing ones:
 - Coal at **45.0 percent** (existing 28.0-35.0 percent);
 - Oil-based at **40.0 percent** (existing 25.0- 40.0 percent);
 - Gas Turbine at **40.0 percent** (existing 33.0 percent-38.0 percent);
 - CCGT at **60.0 percent** (existing 33.0-50.0 percent); and
 - Biomass **40.0 percent** (existing 30.0-35.0 percent).
- Pioneering Projects (Waste to Energy, Battery Storage, etc).

7. Significant Infrastructure Requirements

A project with associated infrastructure necessary for the delivery of energy services and supply, which can be realized through the following:

- With associated infrastructure, such as alternative transmission corridors and pipeline;

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- Build! Build! Build! Program Projects which relate to the delivery of energy services and/or supply; and
- Project completion by 2022 as required by the energy systems.

9 June 2020, **Manila, Philippines.**

CERTIFIED CORRECT:



JESUS T. TAMANG
Head Secretariat, EICC
Director, Energy Policy and Planning Bureau


APPROVED:



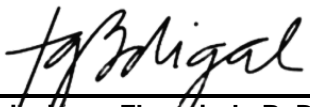
JESUS CRISTINO P. POSADAS
Senior Undersecretary / EICC Chairperson

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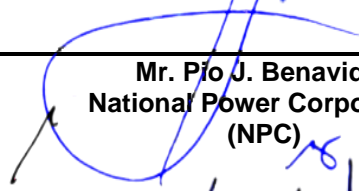
**EICC MEMBER AGENCIES
SIGNED**



Chief State Counsel George O. Ortha II
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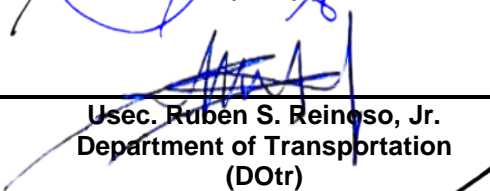
Commissioner Floresinda B. Digal
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Mr. Pío J. Benavidez
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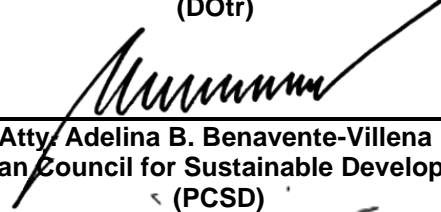
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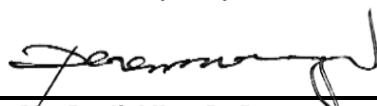
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Dir. Marjorie P. Ayson
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(DAR)



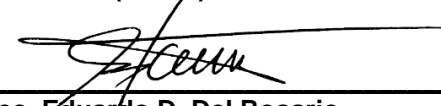
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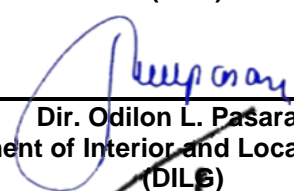
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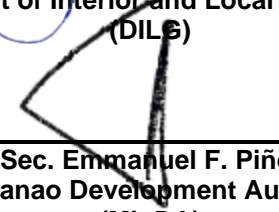


Sec. Eduardo D. Del Rosario
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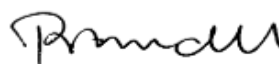
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