


FOURTEENTH CONGRESS OF THE REPUBLIC)
 OF THE PHILIPPINES)
 First Regular Session)

7 JUL 18 72

SENATE

RECEIVED BY: P. S. R. No. 7

INTRODUCED BY SEN. JINGGOY EJERCITO ESTRADA

RESOLUTION

**DIRECTING THE SENATE COMMITTEE ON ENERGY TO CONDUCT A
 COMPREHENSIVE STUDY ON THE UTILIZATION AND PROMOTION OF THE
 WIND ENERGY SYSTEM IN THE PHILIPPINES**

WHEREAS, a sustainable energy sector is an important component of a nation's economy;

WHEREAS, Wind Energy System is a renewable alternative energy resources that avoid the external or societal cost associated with conventional resource, namely, the trade deficit from importing foreign oil and other non-renewable fossil fuels, the health and environmental costs of pollution, and the cost of depleted resources;

WHEREAS, a wind resource analysis and mapping study conducted for the Philippine archipelago by the United States National Renewable Energy Laboratory (USNREL) using Geographic Information System (GIS) technology showed that many areas in the Philippines can be adapted with excellent wind resource for utility-scale applications, in particular the northern and central regions of the Philippines;

WHEREAS, the best wind resources in the country can be found in several regions: the Batanes and Babuyan Islands north of Luzon; the northwest tip of Luzon (Ilocos Norte); the higher interior terrains of Luzon, Mindoro, Samar, Leyte, Panay, Negros, Cebu, Palawan, eastern Mindanao, and the adjacent isles; the well-exposed east facing coastal locations from Northern Luzon southward to Samar; the wind corridors between Luzon and Mindoro (including Lubang Island), and between Mindoro and Panay (including the Semirara Islands extending to the Cuyo Islands);

WHEREAS, over 10,000 square-kilometers of windy land areas in the Philippines have been estimated to exist with good-to-excellent wind resource potential;

WHEREAS, wind and other renewable energy resources are favorable options as sources of clean and non-polluting electricity;

WHEREAS, wind energy system will support the much-needed power requirement of the country;

NOW THEREFORE, BE IT RESOLVED, AS IT IS HEREBY RESOLVED to direct the Senate Committee on Energy to conduct a comprehensive study on the utilization and promotion of Wind Energy System in the Philippines

Adopted,


JINGGOY EJERCITO ESTRADA
Senator