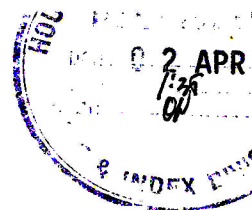


REPUBLIC OF THE PHILIPPINES  
HOUSE OF REPRESENTATIVES  
Quezon City

First Regular Session

HOUSE BILL NO. 8617



-----  
Introduced by Hon. Ferdinand R. Marcos II  
-----

EXPLANATORY NOTE

We have learned almost too late that a sound energy plan is needed to alleviate our country, literally, from the mires of darkness.

This is the rationale behind the enactment of a law resurrecting the Department of Energy.

The same need applies for the proposed establishment of the National Institute for Clean Energy Research.

While the Department of Energy will be concerned with the implementation, integration and monitoring of energy plans; the Institute will be working for the realization of reliable, cheap and clean energy sources.


The present power source trend is the construction of coal and geothermal plants which pose some degree of environmental hazards.

Solar, wind and mini-hydro, on the other hand, are potential sources of energy existing in rural areas which are environment-friendly and sustainable.

Ilocos Norte, for instance, has the highest annual solar insolation in the country. It has also been identified as one of the area with the highest wind energy potential. The high precipitation in Ilocos region makes the province suited for the development of mini-hydros. Furthermore, agro-forestry wastes and other sources of bioenergy are abundant in Northern Luzon.

The development of local technology on these energy sources will be the primary objective of the Institute which is proposed to be established in the Mariano Marcos State University in Batac, Ilocos Norte.

This proposed measure responds to the need of developing cheap, safe and reliable sources of energy. Its approval is earnestly requested.

  
7  
FERDINAND R. MARCOS II

Republic of the Philippines  
HOUSE OF REPRESENTATIVES  
Quezon City

First Regular Session

8617

HOUSE BILL NO. \_\_\_\_\_

---

Introduced by Hon. Ferdinand R. Marcos II

---

AN ACT

ESTABLISHING THE NATIONAL INSTITUTE FOR CLEAN ENERGY RESEARCH AT THE MARIANO MARCOS STATE UNIVERSITY IN BATAVIA, ILOCOS NORTE, AUTHORIZING THE EXPENDITURE OF FUNDS THEREFOR AND FOR OTHER PURPOSES

SECTION 1. Establishment of the National Institute for Clean Energy Research. - There is hereby established the National Institute for Clean Energy Research (hereinafter the Institute) at the Mariano Marcos State University, Batac, Ilocos Norte.

Sec. 2. General Powers and Functions of the Institute.- In line with the Research and Development Programs of the Department of Energy, Department of Science and Technology, the Department of Trade and Industry, the National Economic and Development Authority and the Mariano Marcos State University, the Institute shall have the following general powers and functions:

- a. to conduct research and development studies;
- b. to promote utilization and commercialization of technologies;
- c. to educate and train engineers and scientists;

Sec. 3. Specific Powers and Functions. - In addition to the foregoing general powers and functions, the Institute shall have the following specific powers and functions:

- a. to develop technologies in solar energy utilization for crop drying, space heating and cooling, and electricity generation;
- b. to develop technologies for the local manufacture and increase efficiency of photo-voltaic cells;
- c. to develop technologies that utilize wind energy for agriculture, as direct prime mover, water pumps and for electricity generation;
- d. to develop technologies for low head hydro turbine and wave power for electricity generation;

e. to develop appropriate technology packages and implement effective technology dissemination and utilization systems, particularly the conduct of training programs;

f. to upgrade the skills of engineers, scientists, and other interested parties through training seminars and workshops on solar, wind, biological and hydro resources energy;

g. to coordinate with the Mariano Marcos State University in the conduct of higher advanced energy degree programs;

h. to coordinate with other government and non government agencies involved in the development of solar, wind, biological and hydro energy sources.

Sec. 4. Officers of the Institute. The Institute shall be headed by an Executive Director and assisted by one Deputy Executive Director who shall be responsible for the planning, implementation and supervision of the program and activities of the Institute.

Sec. 5. Appointment of the Officers of the Institute. The Executive Director and Deputy Executive Director shall be appointed by the Board of Regents of the MMSU upon the recommendation of the President of MMSU for a term of six years. All other officers and employees shall be appointed by the Executive Director of the Institute, in accordance with the Civil Service Law, Rules and Regulations.

Sec. 6. Advisory Board. - The plans and programs of the Institute shall be reviewed annually by an Advisory Board composed of the following:

- a. The Secretary of the Department of Energy as Chairman.
- b. The President of the Mariano Marcos State University as Vice-Chairman.
- c. The Secretary of the Department of Trade and Industry as Member.
- d. The Administrator of the National Electrification Administration as Member.
- e. The Executive Director of the Philippine Council for Industry and Energy Research and Development as Member.
- f. A representative from the Academic/Scientific Community as Member.
- g. A representative from the Consumer as Member.

Sec. 7. Appointment of the ACADEMIC AND CONSUMER SECTOR REPRESENTATIVES. - The representative of the Academic and Consumer sector shall be appointed by the Chairman of the Advisory Board for a term of three years.

Sec. 8. Quorum. - The presence of four (4) members of the Board at the time of a meeting shall constitute quorum. Provided however, that the Chairman or, in his absence, the Vice-Chairman shall preside at such meeting.

Sec. 9. Detail of Scientists, Researchers and Academics of Related Agencies to the Institute. - For the purpose of research and development activities of the Institute, scientists, researchers and academicians of other related agencies may be detailed with the Institute upon the request of the Executive Director of the Institute and subject to the approval of the Board of Regents of the University: Provided, that such personnel shall be paid honoraria for the services rendered. Scientists and researchers of the Institute shall be affiliate faculty members of the University and be paid teaching honoraria, as the case may be.

Sec. 10. The Institute is hereby authorized to plan, construct, develop, improve, acquire or lease buildings and other facilities, to purchase machineries, equipment, materials and supplies locally or abroad as may be necessary to carry out its functions and objectives.

Sec. 11. Exemption from taxes and duties of institute - The Institute shall enjoy exemption from taxes and other duties in the importation of such machineries and equipments, materials and supplies required in its research and development programs, subject to the provisions of Section 105 (s) of the Tariff and Custom Code, Section 10 (f) of the National Internal Revenue Code and the provision on automatic appropriations under the General Appropriation Act.

Sec. 12. Sites of Main Office and Experimental Stations. - The main offices and experimental station of the Institute shall be situated at the Mariano Marcos State University campus at Batac, Ilocos Norte. Provided that the Institute may hereafter establish similar facilities in other parts of the country in order to promote the development and/or commercialization of technologies in the countryside.

Sec. 13. Authority to Expend Funds. - The amount of Fifty Million Pesos (P50,000,000.00) for the 1993 fiscal year budget is authorized to be appropriated from the Special Activities Fund of the President of the Republic of the Philippines, or from other sources, and thereafter, the amount required for its operation, maintenance, research and development activities shall be included in the Annual General Appropriations Act, exclusively for the capital and operational requirements of the Institute which shall include personnel services, maintenance and other operating expenses, acquisition of equipment and laboratory facilities and the establishment of municipal, provincial and regional clean energy projects as determined by the Executive Director of the Institute, subject to the approval of the Board of Regents of said University.

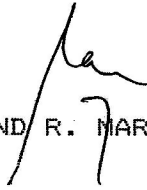
Sec. 14. Revolving Fund of the Institute. - Any and all savings and income of the Institute shall constitute a Revolving Fund which shall not be reverted to the General Fund and which shall be used by the Institute to further pursue its objectives.

Sec. 15. All laws, P.D. s, Ex. Or. and rules an regulations or parts thereof, contrary to or inconsisten with the provisions of this act are hereby repealed superseded or modified accordingly.

Sec. 16. Official to Implement Provisions of this Act - The President of the Mariano Marcos State University, i coordination with the Executive Director of the Departmen of Energy Affairs is hereby directed to implement this Act.

Sec. 17. Effectivity Clause. - This Act shall tak effect fifteen (15) days following its complete publicatio in the official Gazette or in at least two (2) newspapers o general circulation.

Approved,

  
FERDINAND R. MARCOS II