



MARIANO MARCOS STATE UNIVERSITY

7.4.4 Energy and the Community

MMSU actively engages in government initiatives aimed at advancing clean energy and energy-efficient technology policy development. The Government Energy Management Program of the Government (GEMP) is supported by MMSU by religiously submitting annual and monthly energy consumption.

In collaboration with the Department of Energy, MMSU is working toward becoming a Net-Zero Energy Campus, providing a replicable model for other institutions. Policy-making bodies can leverage the data generated by MMSU, along with sustainability options and best practices, to inform and shape energy policies.

In support of these goals, MMSU has developed the ARECGIS, a Geographic Information System for the inventory of renewable energy (RE) systems across the Philippines. This tool is essential for quantifying the contribution of non-commercial RE systems, advancing the DOE's target of achieving a 50% power generation mix from RE sources by 2050. ARECGIS enables mapping and visualization of RE locations on both mobile and web platforms, making information accessible to a broad audience. The said system was launched in 2023 during the AREC's Knowledge Convergence Forum for use of all ARECs in the Philippines. This application not only raises public awareness of the benefits of clean and renewable energy but also provides valuable data for policymakers, aiding in the formulation of informed renewable energy policies.

EVIDENCES:

https://www.facebook.com/story.php?story_fbid=269688046065605&id=100090732356514&rdid=Cqc5x8NTUguDv51t

https://www.facebook.com/story.php?story_fbid=251998107834599&id=100090732356514&rdid=0DH0DA5JV3jFUSjQ

https://www.facebook.com/story.php?story_fbid=122096280698620947&id=61568628417220&mibextid=WC7FNe&rdid=rxMZZfg56FqQzBOi

https://www.mmsu.edu.ph/resources/1wRCrgq7k1MHWSi_uYBmAcG4VdJEhtyaF/view

https://www.mmsu.edu.ph/resources/1562VaqWE_JRoWmYMtITKxcSZ3BiOAoq4/view

