



# MARIANO MARCOS STATE UNIVERSITY

## 7.4.2 Energy and the Community

The university is committed to becoming a Net Zero Campus, as encouraged by DOE as early as 2021 transparently communicating its objectives to inspire broader adoption. Achieving this goal involves establishing Net Zero Energy Buildings (NZE) across campus.

From May 2023 to April 2024, the NBERIC achieved NZEB status, with an annual renewable energy production of 95,742.18 kWh, surpassing its energy consumption of 95,470 kWh and resulting in a net surplus of 0.285%. Since the MMSU-Batac Campus operates on a unified grid, with all buildings connected to a primary energy meter, any surplus energy is seamlessly distributed to adjacent MMSU buildings rather than being sold back to the utility. This arrangement fosters a cohesive, efficient energy network campus-wide.

All visitors to MMSU have the opportunity to tour NBERIC as a demonstration of the NZEB concept, which has already attracted several government agencies interested in MMSU's NZEB journey. The NBERIC initiatives serve as a practical model for government institutions, showcasing the feasibility of achieving net-zero energy consumption. With the Department of Energy considering MMSU as a prototype for a net-zero energy campus, the university is dedicated to creating a model that other government facilities can replicate.

MMSU has taken initial steps toward a Net Zero Campus by entering into a Memorandum of Understanding with a private company through a Public-Private Partnership (PPP) Build-Operate-Transfer (BOT) scheme. This collaboration marks a significant step in advancing the university's net-zero energy goals.

### EVIDENCES:

[https://www.mmsu.edu.ph/news/doe-to-make-mmsu-as-net-zero-energy-campus?fbclid=IwY2xjawGejz9leHRuA2FlbQlxMAABHX9p9Vm9xBG41D5ctT53AbQXrpfqt\\_NVhNIAURL-KIOZpqfTHH9Z-x-RQ\\_aem\\_WY2rL604WZFnYsXe2gYltQ](https://www.mmsu.edu.ph/news/doe-to-make-mmsu-as-net-zero-energy-campus?fbclid=IwY2xjawGejz9leHRuA2FlbQlxMAABHX9p9Vm9xBG41D5ctT53AbQXrpfqt_NVhNIAURL-KIOZpqfTHH9Z-x-RQ_aem_WY2rL604WZFnYsXe2gYltQ)

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