

---

4.) Identify the organizations that fulfill the functions of market operator and system operator in the Philippines.

The organization that fulfills the functions of a market operator in the energy sector of the Philippines is PEMC: Philippine Electricity Market Corporation. On the other hand, the organization that fulfills the functions of a system operator in the energy sector of the Philippines is NGCP: National Grid Corporation of the Philippines.

Explanation:

PEMC: Philippine Electricity Market Corporation

The Philippine Electricity Market Corporation is a not-for-profit and non-stock organization that governs the WESM: Wholesale Electricity Spot Market. The organization was incorporated in November 2003 to serve as the autonomous body market operator of the electricity market (generation, distribution, pricing, and regulations) of the Philippines. PEMC governs and controls the electricity market (wholesale volumes) through a firm and vigilante governance that exhibits consistency in the marketing goals and changing energy landscape in the Philippines.

NGCP: National Grid Corporation of the Philippines

National Grid Corporation of the Philippines is an independent organization that handles operations, maintenance, and development of the Philippines' state-controlled power grid, an integrated system that supervises the transmission of gigawatts of energy from production centers to wherever it is needed in the Philippines. The organization functions as a public utility service provider that empowers every Filipino by providing the opportunity to avail efficient, safe, and most importantly affordable electricity.

Sources:

<http://documents1.worldbank.org/curated/en/428331548771494859/pdf/WPS8721.pdf>

<https://www.ngcp.ph/profile#company>

<https://www.wesm.ph/>