

Ateneo de Manila University

Campus Facilities and Management Office

Ateneo de Manila has plans to upgrade existing buildings to higher energy efficiency based on the provided Equipment Terms of Reference (TORs) and the actions taken:

Arete Chilled Water Pump No. 3 Repair:

- **Purpose:** Repairing the pump to bring back the efficiency of the motor by replacing bearings and properly oiling them.
- **Relevance:** Improving the efficiency of the pump directly contributes to energy savings.
- **Status:** Done (indicating successful completion).

ATS Repair for the Church of Gesu:

- **Purpose:** Replace the generator's automatic transfer switch to automate operations, saving fuel by transferring to normal power and automatically turning off the equipment.
- **Relevance:** Automation helps optimize energy usage.
- **Status:** Done (indicating successful completion).

Arete Chiller PMS (Preventive Maintenance Service):

- **Purpose:** Implementing preventive maintenance requirements to increase the efficiency and reliability of the chiller system.
- **Relevance:** Regular maintenance enhances energy efficiency and overall system performance.
- **Status:** Active (indicating ongoing efforts to maintain efficiency).

Replacement of AC Units:

- **Purpose:** Replacing old R22-type conventional AC units with more efficient inverter-type ACs.
- **Relevance:** Inverter ACs are energy-efficient and contribute significantly to energy savings.
- **Status:** Done (indicating successful completion).

University-Wide Fire Protection System Preventive Maintenance:

- **Purpose:** Implementing preventive maintenance to increase the efficiency and reliability of the fire protection system.
- **Relevance:** Efficient systems ensure energy is not wasted on faulty or inefficient equipment.
- **Status:** In the Bidding Process (indicating planned improvements).

Semi-Annual Preventive Maintenance for Various AC Systems:

- **Purpose:** Implementing regular preventive maintenance for various buildings and facilities, ensuring AC systems operate efficiently.
- **Relevance:** Well-maintained systems are more energy-efficient and save on operational costs.
- **Status:** Awarded (indicating ongoing efforts to maintain efficiency).