

Company Info_

Company Name: Angeles Power, Inc.

Address: Angeles Industrial Park, Calibutbut,
Angeles City

Tel. No.: (045) 888-2838

Fax No.: (045) 636-6033 to 34

Established: April 22, 1993

Managing Director: Mr. Rosby Calma

No. of Employees: 60

Products: Power/Electricity

Nature of Business: Power Generation

Operation hours: 24/7

Actions Planned & Implemented_

Planned

- Reuse of water from the cooling tower
- Installing pressure switch on the supply pump for Jacket Water, Fuel Valve Cooling Water Make-up and centrifuge conditioning water.
- Jacket Water Collection for re-use.
- Replacement of pump packing seal to mechanical seal.
- Use cogged belt instead of V-belt for power transmission from motor to machine (e.g. at piston compressors): V-belt = 92% efficiency; Cogged belt=94% efficiency.

Implemented

- Insulation of pipes and machines
- Opened upper windows for better ventilation
- Heat recovery for pre-heating bunker fuel and lube oil.
- Optimisation of covering of oil trap to protect from heavy rainfall
- Sold recyclable materials for additional income

Results_

Planned

Reduction of water consumption, annual savings of ~700600 PHP

Reduction of 1839500 liter of diesel consumption, annual savings of ~33110400 PHP

Reduction of 3500 kWh electricity consumption, annual savings of ~22800 PHP

Total annual savings: ~ 33833800 PHP

Total Investments: ~2433000 PHP

Payback: 26 days

Pictures_



Demineralizing Plant



Fuel Tanks



European Union



This project is funded by
The European Union's Asia-Pro Eco Programme



A project implemented by
VSB - TUO, ASSIST, EPA, GrAT, and MACCII