

## Company Info\_

**Company Name:** JDNSI (a.k.a. NepoMall)  
**Address:** Nepomart Complex, Angeles City  
**Tel. No.:** (045) 625-9253, 322-5102  
**Fax No.:** (045) 887-0998  
**Established:** 2003  
**Managing Director:** Mr. Arsenio N. Valdes  
**No. of Employees:** 57  
**Products:** Mall spaces/stalls  
**Nature of Business:** Leasing  
**Operation hours:** 24/7

## Actions Planned & Implemented\_

### Planned

- Repainting of the roof
- Improvement of illumination.
- Reuse of blowdown water for cleaning purposes or flushing of toilets.

### Implemented

- Waste disposal revenue as a result of agreement between hauler and the mall: Php 3,000.00 per month.
- Secured MSDS from suppliers of cleaning agents/chemicals for better handling/use
- Variable speed drive on cooling tower, pump, and chillers when the dew point is low
- Reduced operating hour of some AC equipment to reduce operating cost
- Use odor eliminator/ disinfectant chemical solution in the Garbage Room instead of Aircon
- Installed better water gasket to stop continuous flow of water from water closet.

## Results\_

### Implemented

Reduction of 36700 kWh electricity consumption, annual savings of ~312500 PHP  
Reduction of 700000 liter of water consumption, annual savings of ~9000 PHP  
Total annual savings: ~ 321500 PHP  
Total Investments: ~3000 PHP  
Payback: 4 days

### Planned

Reduction of 130000 kWh electricity consumption, annual savings of ~1100000 PHP  
Reduction of 6000000 liter of water consumption, annual savings of ~200000 PHP  
Total annual savings: ~ 1300000 PHP  
Total Investments: ~6000000 PHP  
Payback: 4,5 years

## Pictures\_



The Mall's natural lighting system



Checking the roofing and cool towers



European Union



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