

7.2.4 Plan to reduce energy consumption

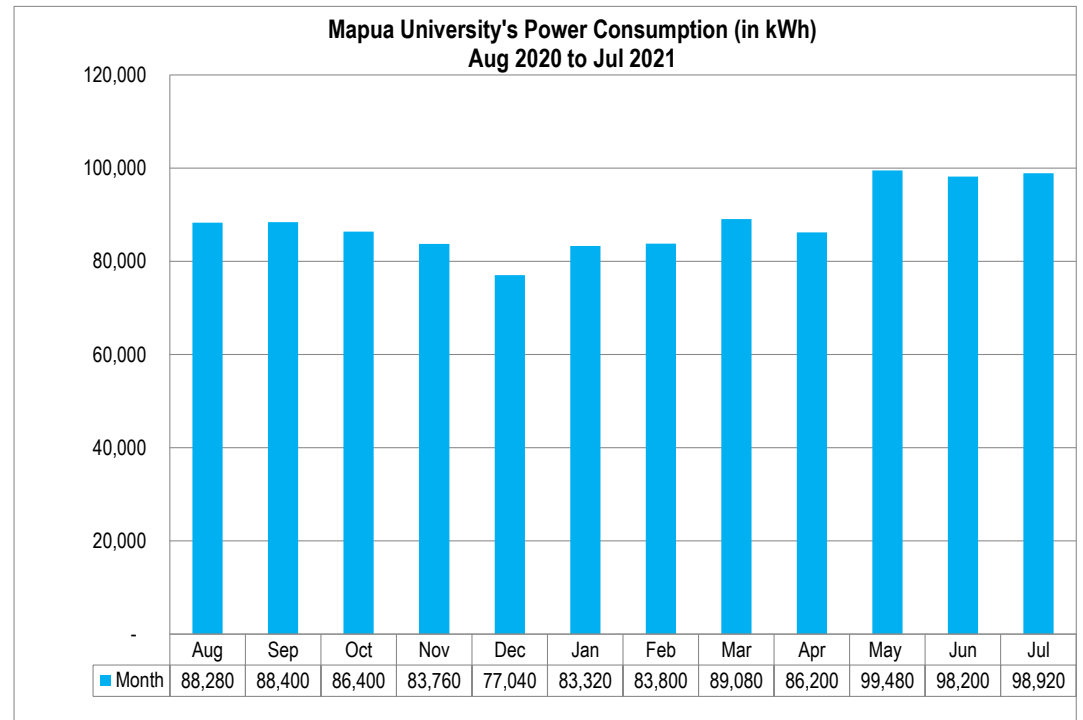
Have an energy efficiency plan in place to reduce overall energy consumption

MERALCO - ENERGY CONSUMPTION (Intramuros)

Year	Month	Period	Total KWH
2020	Aug	08/08 to 09/07/20	88,280
	Sep	09/08 to 10/07/20	88,400
	Oct	10/08 to 11/07/20	86,400
	Nov	11/08 to 11/07/20	83,760
	Dec	12/08 to 1/07/21	77,040
2021	Jan	01/08 to 02/07/21	83,320
	Feb	02/08 to 03/07/21	83,800
	Mar	03/08 to 04/07/21	89,080
	Apr	04/08 to 05/07/21	86,200
	May	05/08 to 06/07/21	99,480
	Jun	06/08 to 07/07/21	98,200
	Jul	07/08 to 08/07/21	98,920

MAPUA ENERGY CONSERVATION PROGRAM

OBJECTIVE	ENVIRONMENTAL PROGRAM	NUMERICAL TARGET
Reduce the consumption of electricity		Average of 7% reduction in energy reduction from year to year
	Strict implementation of Preventive Maintenance Program for electrical facilities and equipment	100% compliance every month
	Put tagging on newly installed Air conditioning units to guide users for the operatin schedule of AC unit.	100% Accomplished, March 2021
	Replacement of worn-out ACU Inverter Units, and conversion of non-inverter ACU into inverter units.	100% Project Completion September 2021
	Replacement of T5 lamp to LED light bulbs	100% Project Completion November 2021
	Rehabilitation of Mapua's power system:	



	a. Rehabilitations of MDP/DP Panelboards (Phase 2)	100% Project Completion August 2020
	b. Replacement of ATS Mechanical Gear at ATS Gym 1&2	100% Project Completion August 2020
	c. Rehabilitation of 1600 ATS at North Building	100% Project Completion December 2021
	d. Installation of New Power Feeder at ATS	100% Project Completion December 2021
	e. Rehabilitation Phase 3 for MDP/DP Panelboards	100% Project Completion December 2021