

Summary of potential savings Movinpickaqaaba.

Area	Annual Energy Saving		Investment Required (JD)	Pay Back Period (Year)
	kWh/year			
	Electrical	Thermal		
ELECTRICAL SYSTEMS				
Case I: new tariff			4350	Immediate
Case II: new tariff+ Diesel Generator(First Scenario)			29553	140000 4.7
LIGHTING				
Installing Electronic Ballasts	63896		4025	5551 1.4
Replacing of Halogen Lamps	28764		1812	490 0.27
Replacing of Incandenscent Lamps	100717		6346	856 0.13
BOILERS				
Tuning-up for the Steam Boilers		32936	744	100 0.13
Insulating the Uninsulated Surfaces		48077	1086	322 0.3
Blow Down Reduction		24171	546	0 Immediate
Replacing the electrical Heaters in the Winter Pool Jacuzzi by Hot Water Heat Exchangers	15333		966	400 0.414
COOLING SYSTEM				
Operating th Most Energy Efficient Chiller instead of Chiller No.3	130000		8190	Immediate
HVAC				
Air Economizer	90970		5730	600 0.35
Reducing Energy Loss through Leaks	11814		700	600 0.86
SWIMMING POOLS				
covering the outdoor pool and reducing temperature to 27 ° C.		583055	21119	2500 0.11
SOLAR HEATING SYATEM				
Installation of a solar heating system for domestic water heating		155555	5632	14000 2.5
TOTAL	441494	843794	90799	164819