

Summary of potential savings Movinpickaqaaba.

Area	Annual Energy Saving		Investment Required (JD)	Pay Back Period (Year)
	kWh/year			
	Electrical	Thermal		
<b>ELECTRICAL SYSTEMS</b>				
Case I: new tariff			4350	Immediate
Case II: new tariff+ Diesel Generator(First Scenario)			29553	140000 4.7
<b>LIGHTING</b>				
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
<b>BOILERS</b>				
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
<b>COOLING SYSTEM</b>				
Operating th Most Energy Efficient Chiller instead of Chiller No.3	130000		8190	Immediate
<b>HVAC</b>				
Air Economizer	90970		5730	600 0.35
Reducing Energy Loss through Leaks	11814		700	600 0.86
<b>SWIMMING POOLS</b>				
covering the outdoor pool and reducing temperature to 27 ° C.		583055	21119	2500 0.11
<b>SOLAR HEATING SYATEM</b>				
Installation of a solar heating system for domestic water heating		155555	5632	14000 2.5
<b>TOTAL</b>	<b>441494</b>	<b>843794</b>	<b>90799</b>	<b>164819</b>