

Summary of potential savings Radisson Sas Hotel (Amman)

Area	Annual Energy Savings		Investment Required (JD)	Pay Back Period (Years)
	KWh/yr. (t=thermal)	Cost Savings (JD/yr.)		
Installing Electronic Ballasts ¹	37,727.8	2,452.3	9,926.0	4.05
Installing Compact Fluorescent Lights (CFL) ¹	410,937	26,711	5,125	0.19
Tuning-Up the left steam boiler	50,406 (t)	620	150	0.25
Tuning-Up the right steam boiler	33,333 (t)	410	150	0.37
Lowering the stack temperature of the left hot water boiler	69,105 (t)	313	30	0.5 Months
Lowering the stack temperature of the right hot water boiler	25,447 (t)	313	30	1.2 Months
Improving the Loading Pattern of the right steam boiler	69,918 (t)	860	-	Immediate
Running the Most Efficient Boilers	150,406 (t)	1,850	-	Immediate
Insulate uninsulated steam & hot water pipes & condensate tank	104,065 (t)	1,280	230	2.15 Months
Installing Door Switches on Refrigerators' Doors	5,503	359	90	0.25
Total		35,168.30	15,731.00	0.45
% of Energy saving	14.4%			

1- 75% Occupancy was assumed, for 100% and 35% occupancy, refer to Chapter 4.