



# PRETTY SWEATERS LIMITED

222, GACHA, CHAYDANA, GAZIPUR

## Energy Saving Comparison/Calculation between Normal Equipments and Energy Saving Equipments

Particulars	QTY	Consuming Power W/H [ETS]	Normal Power Consuming	Existing Power Consuming	Saving Energy	Unit	Saving %
If Normal Tube Light could be operated	5850	40	234000			W	55%
LED Tube Light at present	5850	22		128700		W	
Energy being Save from Normal Tube Light to LED					105300	W	
If Normal Ceiling Fan could be operated	1050	100	105000			W	60%
Energy saving Fan	1050	60		63000		W	
Energy being Save from Normal Ceiling Fan to Energy Saving Fan					42000	W	
If Normal Sewing Machine could be operated	147	750	110250			W	33%
Energy Saving Sewing Machine	147	250		36750		W	
Energy being Save from Normal Machine to Energy Saving Machine					73500	W	
If Normal Linking machine could be operated	1400	180	252000			W	25%
Energy Saving Linking Machine	1400	135		189000		W	
Energy being Save from Normal Linking Machine to Energy saving Machine					63000	W	
If Normal HydroStractor and Washing Machine could br operated	9	25000	225000			W	60%
Energy Saving HydroStractor Inverter Control Include washing Machine	9	15000		135000		W	
Energy being Save from Normal Hydro Machine to Energy saving Machine					90000	W	
If Electric Chiller ( Air Condition) could be operated	1004	1200	1204800			w	42%
Energy Saving Vapor Absorbation Chiller ( Air Condition)	1004	500		502000		w	
Energy being Save from Electric Chiller to Vapor Absorbation Chiller					702800	w	
Total Energy saving in Factory premises		W/H	2131050	1054450	1076600	W/Hr.	51%
<b>Total Energy saving in Factory premises</b>		<b>KW/H</b>	<b>2131.05</b>	<b>1054.45</b>	<b>1076.6</b>	<b>KW/Hr</b>	

\*ETS: Equipments Technical Spacification.

\*Ref: [www.solaripedia.com](http://www.solaripedia.com)(Electrical Equipments Power Consumption)