



**Confederation of Indian Industry**  
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**TO WHOMSOEVER IT MAY CONCERN**

CII Godrej GBC have installed AC energy savers developed by Magnatron International in our split ACs at three locations - Meeting Room, Server room and Video Conferencing Room. To establish energy savings achieved, we have monitored power consumption (with & without the device in-line) for the AC units in two locations; the results are encouraging. Based on our measurements the achieved savings are as follows:

**Test Results 1:**

**AC Energy Saver Savings Sheet For 1.5 TR Inverter AC unit**

Description	By Pass Mode		Energy Saver Mode	
	ON Time	OFF Time	ON Time	OFF Time
Time	10.28 AM	11.28 AM	11.37 AM	12.37 AM
Energy Meter Reading – (kWh)	0.006	1.235	0.007	0.922
Set Temp (°C)	24 Degrees			
Units Consumed per hour (kWh)	1.23		0.915	
Units Saved in Energy Saving Mode/ hour (kWh)			0.315	
% of Energy saved in Saving Mode			25.6	

**Test Results 2:**

**AC Energy Saver Savings Sheet For 2.0 TR Split AC unit – Server Room**

Description	By Pass Mode		Energy Saver Mode	
	ON Time	OFF Time	ON Time	OFF Time
Time	09.40 AM	11.40 AM	02.00 PM	04.00 PM
Energy Meter Reading (kWh)	0.00974	3.569	0.94	2.297
Set Temp (°C)	22			
Units Consumed in 2 hours (kWh)	3.559		2.2971	
Units Saved in Energy Saving Mode / 2 hours (kWh)			1.26	
% of Energy saved in Saving Mode			35.46	

Installing energy saver has resulted in significant energy savings and return on investment is less than six months.

For CII Godrej GBC

*P.V. Kiran Ananth*

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