COST ESTIMATION

Appliances/Room
Fans – 12
Cooler – 0
Lights – 8
ACs – 4

Appliances/100 Room
Fans – 1200
Cooler – 0
Lights – 800
ACs – 400

Total Appliances – 2400
Per Hour Consumptions – 5.76 units

Automated Power Monitoring System	Traditional System
Total Working Hour – 5 hours Total Consumption/Day – 5 x 5.76 = 28.8 units Per Day Cost – 28.8 x 6.92 = Rs 199.296 Per Month Cost - 199.296 x 30 = Rs 5978 Per Year Cost – 5978 x 12 = Rs 71,746.56 Costing for 100 Rooms – 71 lac apx. Implementation Cost – Rs 5,00,000	Total Working Hour – 7 hours Total Consumption/Day – 7 x 5.76 = 40.32 units Per Day Cost – 40.32 x 6.92 = Rs 279.0144 Per Month Cost - 279.0144 x 30 = Rs 8370.43 Per Year Cost - 8370.43 x 12 = Rs 1,00,445 Costing for 100 Rooms – 1.004 Cr apx.

Savings

Total cost with Traditional System = Rs 1,00,44,518
Total cost with Our System = Rs 71,74,656

Total amount saved = Rs 23,85,000 (First Year)
Rs 28,69,000 (Rest Year)