

Temperature Preference Data																					
Group 1	Individual				Tariff	6.4 Rs/unit				Temp (°C)	Efficiency Drop (%)	Money Spent (Rs.)									
Group 2	Group of 5									27	0	1.5 Ton (3 star)	2 Ton (4 star)								
Group 3	Group of 10									26	5	33.6672	42.7392								
										25	10	35.2704	44.7744								
Preferred (°C)	The temperature preferred by each individual, given the time and occupancy constraints.									24	15	36.8736	46.8096								
										23	20	38.4768	48.8448								
Actual (°C)	The actual static temperature setting, given the time constraints but independent of occupancy constraints.									22	25	40.08	50.88								
										21	30	41.6832	52.9152								
Without system	10:00				12:00				14:00				16:00				18:00				
	Preferred (°C)			Actual (°C)	Preferred (°C)			Actual (°C)	Preferred (°C)			Actual (°C)	Preferred (°C)			Actual (°C)	Preferred (°C)			Actual (°C)	
	Group 1	Group 2	Group 3		Group 1	Group 2	Group 3		Group 1	Group 2	Group 3		Group 1	Group 2	Group 3						
	Person 1	27	26		25	26	25		25	25	24		23	26	25		24	27	26		25
	Person 2	27	26		25	26	25		25	25	24		23	27	25		24	27	26		26
	Person 3	28	26		26	26	25		25	25	24		23	27	25		24	27	26		25
	Person 4	27	26		26	25	25		24	25	24		23	27	25		24	27	26		26
	Person 5	28	27		27	25	24		24	25	23		22	27	25		25	27	26		25
	Person 6	28	27		27	25	24		24	25	23		22	27	26		24	27	26		26
	Person 7	27	25		26	26	24		23	24	24		22	27	25		23	27	26		25
	Person 8	26	25		25	26	25		24	23	23		23	26	26		24	27	26		25
Person 9	27	27	26	25	25	25	24	22	22	27	25	23	27	26	26						
Person 10	27	27	25	25	25	24	23	25	23	27	25	24	27	25	26						
Average	27.2	26.2	25.8	22	25.5	24.6	24.2	18	24.4	23.4	22.6	18	26.8	25.2	23.9	21	26.7	25.8	25.5	21	
Revised Average	27	26	26	22	26	25	24	18	24	23	23	18	27	25	24	21	27	26	26	21	
Efficiency Drop (%)	0	5	5	25	5	10	15	45	15	20	20	45	0	10	15	30	0	5	5	30	
Money Spent (Rs.)	32.064	33.6672	33.6672	40.08	33.6672	35.2704	36.8736	46.4928	36.8736	38.4768	38.4768	46.4928	32.064	35.2704	36.8736	41.6832	32.064	33.6672	33.6672	41.6832	
Money Saved (Rs.)	8.016	6.4128	6.4128	0	12.8256	11.2224	9.6192	0	9.6192	8.016	8.016	0	9.6192	6.4128	4.8096	0	9.6192	8.016	8.016	0	
Average Saved (Rs.)	7				11				9				7				9				
Total Saved (Rs.)	43																				
Money Spent (Rs.)	40.704	42.7392	42.7392	50.88	42.7392	44.7744	46.8096	59.0208	46.8096	48.8448	48.8448	59.0208	40.704	44.7744	46.8096	52.9152	40.704	42.7392	42.7392	52.9152	
Money Saved (Rs.)	10.176	8.1408	8.1408	0	16.2816	14.2464	12.2112	0	12.2112	10.176	10.176	0	12.2112	8.1408	6.1056	0	12.2112	10.176	10.176	0	
Average Saved (Rs.)	9				14				11				9				11				
Total Saved (Rs.)	54																				
Total Saved [per day] (Rs.)	97																				
Total Saved [per month] (Rs.)	2910																				
Total Saved [per year] (Rs.)	34920																				
With system	10:00			Actual (°C)	12:00			Actual (°C)	14:00			Actual (°C)	16:00			Actual (°C)	18:00			Actual (°C)	
	Suggested (°C)		Suggested (°C)		Suggested (°C)	Suggested (°C)	Suggested (°C)		Suggested (°C)												
	26		22		24		18		23		18		24		21		25		21		
	26		22		24		18		23		18		24		21		25		21		
	26		22		24		18		23		18		24		21		25		21		
	26		22		24		18		23		18		24		21		25		21		
	26		22		24		18		23		18		24		21		25		21		
	26		22		24		18		23		18		24		21		25		21		
	26		22		24		18		23		18		24		21		25		21		
	26		22		24		18		23		18		24		21		25		21		
	26		22	24		18	23		18	24		21	25		21						
Efficiency Drop (%)	5		25	15		45	20		45	15		30	10		30						
Money Spent (Rs.)	33.6672		40.08	36.8736		46.4928	38.4768		46.4928	36.8736		41.6832	35.2704		41.6832						
Money Saved (Rs.)	6.4128		0	9.6192		0	8.016		0	4.8096		0	6.4128		0						
Average Saved (Rs.)	6			10			8			5			6								
Total Saved (Rs.)	35																				
Money Spent (Rs.)	42.7392		50.88	46.8096		59.0208	48.8448		59.0208	46.8096		52.9152	44.7744		52.9152						
Money Saved (Rs.)	8.1408		0	12.2112		0	10.176		0	6.1056		0	8.1408		0						
Average Saved (Rs.)	8			12			10			6			8								
Total Saved (Rs.)	44																				
Total Saved [per day] (Rs.)	79																				
Total Saved [per month] (Rs.)	2370																				
Total Saved [per year] (Rs.)	28440																				