




Energy Conservation Measure implemented in 2006-2007

ID to be filled by BEE	Title of the measure	Sector			
Year to be filled by BEE	REPLACEMENT OF WINDOW/SPLIT AC UNITS BY ENERGY EFFICIENT SPLIT AC UNITS	Technology			
Description of the energy conservation measure:					
Out of 107 AC units available, (72 Window and 35 Split) 54 units were identified as inefficient and they were replaced by 34 nos. new energy efficient Split type units. Thus there is a over all reduction of 30 TR					
Picture/ sketch/ drawing before modification <small>(if available)</small>	Picture/ sketch/ drawing after modification				
					
Agency that executed the project (with complete address and email):M/s. Shiva Slaes &Service. 1/6A Lakshmi complex. Bypass Road Madurai 625016					
Total investment, Rs.:9,52,000	Year of implementation:2006				
First year energy cost savings, Rs.:8,99,360					
First year other savings,					
On annual basis	kWh 000'	Coal (Tons)	Gas Nm ³	Oil (kL)	Other
Energy consumption before	7.49				
Energy consumption after	5.69				
Energy tariff, Rs/ kWh ...	5.00				
Company complete address: Executive Engineer(E) BSNL Electrical Division Nataraja Complex-1 st .Floor No.29. Melur Road Madurai-625020. Contact person who could be contacted for more information:				We authorise Bureau to use this information for dissemination Signature Date	


Energy Conservation Measure implemented in 2006-2007

ID to be filled by BEE	Title of the measure REPLACEMENT OF PACKAGE AC UNITS BY ENERGY EFFICIENT PACKAGE AC UNITS	Sector			
Year to be filled by BEE		Technology			
Description of the energy conservation measure: 7TR Package AC units 6 nos.(4+2) were available in CTMX bldg. By optimizing the design and by using high sensible energy efficient AC units 4nos. (3+1) 7 TR PAC units were provided.					
Picture/ sketch/ drawing before modification (if available)		Picture/ sketch/ drawing after modification			
					
Agency that executed the project (with complete address and email): M/s Raju ACR services. 57.C.S.nagar MainStreet Krishnapuram Colony Madurai-625014					
Total investment, Rs.: 14,00,000		Year of implementation: 2006			
First year energy cost savings, Rs.:6,70,140/-					
First year other savings,-Space saving					
On annual basis	kWh 000'	Coal (Tons)	Gas Nm ³	Oil (kL)	Other
Energy consumption before	2.20				
Energy consumption after	1.30				
Energy tariff, Rs/ kWh ...	5.00				
Company complete address: Executive Engineer(E) BSNL Electrical Division Nataraja Complex-1 st .Floor No.29. Melur Road Madurai-625020.				We authorise Bureau to use this information for dissemination	
Contact person who could be contacted for more information:				Signature	
				Date	

Energy Conservation Measure implemented in 2006-2007

ID to be filled by BEE	Title of the measure REPLACEMENT OF THYRISTOR CONTROLLED POWER PLANT BY SMPS POWER PLANT	Sector			
Year to be filled by BEE		Technology			
Description of the energy conservation measure: Existing conventional Thyristor controlled 2000A capacity power plant (which is an efficiency of less than 80%) is replaced by High efficient(95%) SMPS type 2000 A capacity power plant.					
Picture/ sketch/ drawing before modification <small>(if available)</small>	Picture/ sketch/ drawing after modification				
					
Agency that executed the project (with complete address and email): Divisional Engineer- installation Telephone Exchange building Thirupalai Madurai-625014					
Total investment, Rs.: 14,00,000	Year of implementation: 2006				
First year energy cost savings, Rs.: 2,37,250					
First year other savings, Rs.:					
On annual basis	kWh 000'	Coal (Tons)	Gas Nm ³	Oil (kl.)	Other
Energy consumption before	3.94				
Energy consumption after	3.15				
Energy tariff, Rs/ kWh ...	5.00				
Company complete address: Executive Engineer(E) BSNL Electrical Division Nataraja Complex-1 st Floor No.29, Melur Road Madurai-625020. Contact person who could be contacted for more information:				We authorise Bureau to use this information for dissemination Signature Date	

Energy Conservation Measure implemented in 2006-2007

ID to be filled by BEE	Title of the measure POWER FACTOR IMPROVEMENT	Sector
Year to be filled by BEE		Technology
Description of the energy conservation measure: All the inefficient power factor improvement capacitors were replaced and additional capacitors were provided to improve the Power factor.		
Picture/ sketch/ drawing before modification <small>(if available)</small>	Picture/ sketch/ drawing after modification	
		
Agency that executed the project (with complete address and email): M/s. Power electricals, 103.Ashok Nagar Main Road Kodambakkam Chennai 600024		
Total investment, Rs.: 20000	Year of implementation: 2006	
First year energy cost savings, Rs.: 30,799		
First year other savings, Rs.:		
On annual basis	kWh 000'	Coal (Tons)
Energy consumption before		Gas Nm ³
Energy consumption after		Oil (KL)
Energy tariff, Rs/ kWh/ Ton/ Nm ³ / KL ...		Other
Company complete address: Executive Engineer(E) BSNL Electrical Division Nataraja Complex-1 st Floor No.29, Melur Road Madurai-625020. Contact person who could be contacted for more information:		We authorise Bureau to use this information for dissemination Signature Date