




Energy Conservation Measure implemented in 2006-2007

ID to be filled by BEE	Title of the measure RATIONALISATION OF DC LOAD	Sector			
Year to be filled by BEE		Technology			
Description of the energy conservation measure: 4 Nos. 400 A and 2 Nos. 200 A Conventional type thyristor controlled power plants catering to both E10B and EWSD exchanges. After decommissioning of the E10B exchange, loads were diverted to EWSD exchange, thereby reducing the energy consumption reduced by 20 KW. (There was no reduction in connected Telephone lines).					
Picture/ sketch/ drawing before modification (if available)	Picture/ sketch/ drawing after modification				
					
Agency that executed the project (with complete address and email): Divisional Engineer (I) Telephone Exchange, Shevapet, Salem.					
Total investment, Rs.: Nil	Year of implementation: 2006-07				
First year energy cost savings: Rs.11,68,000.00					
First year other savings:					
On annual basis	kWh 000'	Coal (Tons)	Gas Nm ³	Oil (kL)	Other
Energy consumption before	61.32				
Energy consumption after	37.96				
Energy tariff, Rs/ kWh/ Ton/ Nm ³ / kL ...	5.00				
Company complete address: Executive Engineer (E) BSNL Electrical Division No: 1/241 Meyyanur Road Salem-636004				We authorise Bureau to use this information for dissemination Signature Date	
Contact person who could be contacted for more information:					

Energy Conservation Measure implemented in 2006-2007

ID to be filled by BEE	Title of the measure RATIONALISATION OF CMD	Sector
Year to be filled by BEE		Technology
Description of the energy conservation measure: The existing CMD being 400 KVA was reduced to 300 KVA. This recommendation was implemented by the users immediately which resulted in savings of Rs. 3.60 Lakhs per annum.		
Picture/ sketch/ drawing before modification (if available)	Picture/ sketch/ drawing after modification	
		
Agency that executed the project (with complete address and email): Divisional Engineer (I) Telephone Exchange, Shevapet, Salem.		
Total investment, Rs.: Nil	Year of implementation: 2006-07	
First year energy cost savings: Rs.3,60,000.00		
First year other savings:		
On annual basis	kWh 000'	Coal (Tons)
Energy consumption before		
Energy consumption after		
Energy tariff, Rs/ kWh/ Ton/ Nm ³ / kL ...		
Company complete address: Executive Engineer (E) BSNL Electrical Division No: 1/241 Meyyanur Road Salem-636004 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 IMPROVEMENT IN POWER FACTOR	Sector
Year to be filled by BEE		Technology
Description of the energy conservation measure: By switching off the excess lighting / inductive loads and frequently monitoring the loads, the Power Factor has been improved to unity.		
Picture/ sketch/ drawing before modification (if available)	Picture/ sketch/ drawing after modification	
		
Agency that executed the project (with complete address and email): Divisional Engineer (I) Telephone Exchange, Shevapet, Salem.		
Total investment, Rs.: Nil	Year of implementation: 2006-07	
First year energy cost savings: Rs.30,362.00		
First year other savings:		
On annual basis	kWh 000'	Coal (Tons)
Energy consumption before		
Energy consumption after		
Energy tariff, Rs/ kWh/ Ton/ Nm ³ / kL ...		
Company complete address: Executive Engineer (E) BSNL Electrical Division No: 1/241 Meyyanur Road Salem-636004		We authorise Bureau to use this information for dissemination Signature Date
Contact person who could be contacted for more information:		