




Energy Conservation Measure implemented in 2007-2008

(To be filled up separately for each Energy Conservation Measure)

ID to be filled by BEE	Title of the measure POWER FACTOR IMPROVEMENT		Sector..... MINING			
Year to be filled by BEE			Technology			
Description of the energy conservation measure:						
APFC PANELS HAVE BEEN INCORPORATED TO MAINTAIN THE UNITY POWER FACTOR CONTINUOUSLY & AUTOMATICALLY.						
Picture/ sketch/ drawing before modification (if available)			Picture/ sketch/ drawing after modification			
						
Agency that executed the project (with complete address and email): Internal Resources						
Total investment, Rs.: 0.75 Lacs			Year of implementation: 2007-08			
First year energy cost savings, Rs.: 02.53 Lacs						
First year other savings, Rs.: (1.16 + 3.20) = 4.36 Lacs (MD & PF INCENTIVE)						
On annual basis	kWh 000'	Coal (Tons)	Gas Nm ³	Oil (kL)	Other	
Energy consumption before : ASSUMED AT 0.98 PF	2398					
Energy consumption after	2351					
Energy tariff, Rs/ kWh/ Ton/ Nm ³ / kL ...	Rs.5.50					
Company complete address: MANAGANESE ORE INDIA LIMITED, 1A MOIL BHAVAN KATOL ROAD, NAGPUR (M.S.) 440 001 Contact person who could be contacted for more information: Sri A.K.SHUKLA, Dy.GENERAL MANAGER(Elect),1A MOIL BHAVAN KATOL ROAD, NAGPUR(M.S.), Ph – 0712-2590640				We authorize Bureau to use this information for dissemination		
				Signature		
				Date		

Energy Conservation Measure implemented in 2007-2008

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ID to be filled by BEE	Title of the measure Replacement of T.L. by CFL		Sector..... MINING			
Year to be filled by BEE			Technology			
Description of the energy conservation measure:						
Conventional Tube light fittings and HPSV/HPMV luminaries have been replaced by Energy Efficient CFL fittings for street lights of the unit.						
Picture/ sketch/ drawing before modification (if available)			Picture/ sketch/ drawing after modification			
						
Agency that executed the project (with complete address and email):						
Total investment, Rs.: 0.10 Lacs			Year of implementation: 2007-08			
First year energy cost savings, Rs.: 0.312 Lacs						
First year other savings, Rs.:						
On annual basis	kWh 000'	Coal (Tons)	Gas Nm ³	Oil (kL)	Other	
Energy consumption before	10.694					
Energy consumption after	5.00					
Energy tariff, Rs/ kWh/ Ton/ Nm ³ / kL ...	5.50					
Company complete address: MANAGANESE ORE INDIA LIMITED, 1A MOIL BHAVAN KATOL ROAD, NAGPUR (M.S.) 440 001				We authorise Bureau to use this information for dissemination		
Contact person who could be contacted for more information: Sri A.K.SHUKLA, Dy.GENERAL MANAGER(Elect), 1A MOIL BHAVAN KATOL ROAD, NAGPUR(M.S.), Ph – 0712- 2590640				Signature		
				Date		

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Annexure 'B'

Energy Conservation Measure implemented in 2007-2008


(To be filled up separately for each Energy Conservation Measure)

ID to be filled by BEE	Title of the measure		Sector..... MINING		
Year to be filled by BEE	Recycling of water for U/g Sand Stowing		Technology		
Description of the energy conservation measure:					
Utilisation 1st Level water tank instead of Surface water tank. This has not reduce the consumption of Pumps. Thus saved electrical energy.					
Picture/ sketch/ drawing before modification (if available)			Picture/ sketch/ drawing after modification		
					
Agency that executed the project (with complete address and email):					
Total investment, Rs.: 01.80 Lacs			Year of implementation: 2007-08		
First year energy cost savings, Rs.: 02.48 Lacs					
First year other savings, Rs.:					
On annual basis	kWh 000'	Coal (Tons)	Gas Nm ³	Oil (kL)	Other
Energy consumption before	780988				
Energy consumption after	651046				
Energy tariff, Rs/ kWh/ Ton/ Nm ³ / kL ...	5.50				
Company complete address: MANAGANESE ORE INDIA LIMITED, 1A MOIL BHAVAN KATOL ROAD, NAGPUR (M.S.) 440 001 Contact person who could be contacted for more information: Sri A.K.SHUKLA, Dy.GENERAL MANAGER(Elect),1A MOIL BHAVAN KATOL ROAD, NAGPUR(M.S.), Ph – 0712-2590640				We authorise Bureau to use this information for dissemination Signature Date	

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Energy Conservation Measure implemented in 2007-2008

(To be filled up separately for each Energy Conservation Measure)

ID to be filled by BEE	Title of the measure		Sector..... MINING		
Year to be filled by BEE	Shifting of Compressors nearer to the utilization point to reduce pressure/ Leakage losses		Technology		
Description of the energy conservation measure:					
Shifting of Compressors to the utilization point using new compressors and close to area where pressure loss reduces					
Picture/ sketch/ drawing before modification (if available)			Picture/ sketch/ drawing after modification		
					
Agency that executed the project (with complete address and email):					
Total investment, Rs.: 35.00 Lacks			Year of implementation: 2007-08		
First year energy cost savings, Rs.: 4.90 Lacks					
First year other savings, Rs.: uncountable (leakages, pressure built-up time, etc)					
On annual basis	kWh 000'	Coal (Tons)	Gas Nm ³	Oil (kL)	Other
Energy consumption before	60612				
Energy consumption after	53339				
Energy tariff, Rs/ kWh/ Ton/ Nm ³ / kL ...	5.50				
Company complete address: MANAGANESE ORE INDIA LIMITED, 1A MOIL BHAVAN KATOL ROAD, NAGPUR (M.S.) 440 001 Contact person who could be contacted for more information: Sri A.K.SHUKLA, Dy.GENERAL MANAGER(Elect), 1A MOIL BHAVAN KATOL ROAD, NAGPUR(M.S.), Ph – 0712-2590640				We authorise Bureau to use this information for dissemination Signature Date	

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