



Energy Conservation Measure Implemented in 2006-2007.

ID to be filled by BEE		Sector.-----
Year to be filled by BEE		Technology-----
Description of the energy conservation measure: Keeping the substation voltage at optimum level to maintain 220 V at tail end during peak hours instead of at 230 V or more. This is achieved by keeping the tap position of transformers at No. 2 instead at No. 3 at Substations at Ponmalai.		
Picture /sketch/drawing before modification	Picture /sketch/drawing after modification	
		

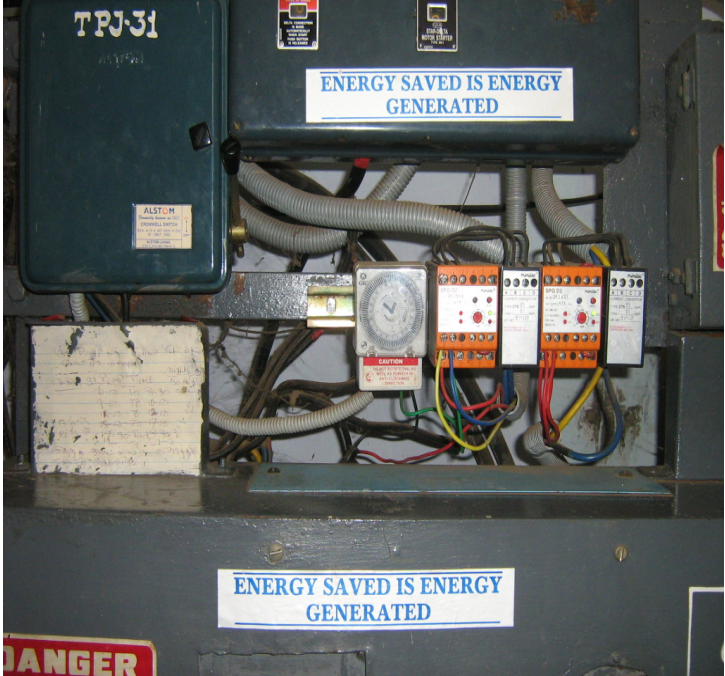
Agency that executed the project (with complete address and email)					
Electrical Branch, Tiruchchirappalli Division, Southern Railway deetpj@sr.railnet.gov.in					
Total investment, Rs. Nil			Yearn of implementation 2006 -07		
First year energy cost savings, Rs. 8,21,712/-					
First year other savings, Rs : --					
On annual basis	Kwh (000')	Coal (Tons)	Gas (Nm ³)	Oil(KL)	Other
Energy consumption before	7901				
Energy consumption after	7664				
Energy tariff, Rs/kwh/Ton /NM ³ / kl	Rs. 3.50/unit				
Company complete address				We authorize Bureau to use this information for dissemination	
Electrical Branch, Tiruchchirappalli Division, Southern Railway				Signature:	
				Date :	

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<p>Description of the energy conservation measure:</p> <p>OFF-Delay timers have been provided for automatic switching off of 80 % light circuit after predetermined time set from the departure of the trains from platform at 21 locations during 2006- 07 .</p>		
Picture /sketch/drawing before modification	before	Picture /sketch/drawing after modification (Addition with existing circuit)
		

Agency that executed the project (with complete address and email)					
Electrical Branch, Tiruchchirappalli Division, Southern Railway deetpj@sr.railnet.gov.in					
Total investment, Rs. 63,000/-			Yearn of implementation 2006-07		
First year energy cost savings, Rs.61,849/-					
First year other savings, Rs :					
On annual basis	Kwh (000')	Coal (Tons)	Gas (Nm ³)	Oil(KL)	Other
Energy consumption before					
Energy consumption after					
Energy tariff, Rs/kwh/Ton /NM ³ / kl					
Company complete address Electrical Branch, Tiruchchirappalli Division, Southern Railway				We authorize Bureau to use this information for dissemination Signature: Date :	

Energy Conservation Measure Implemented in 2006-2007.

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Year to be filled by BEE		Technology-----
<p>Description of the energy conservation measure:</p> <p>Automation of pump sets have been done at important stations and locations for automatic controlling pump sets based on water level and time at 9 pumping stations during 2006 – 07</p>		
Picture /sketch/drawing before modification	/sketch/drawing before	Picture /sketch/drawing after modification
		

Agency that executed the project (with complete address and email)					
Electrical Branch, Tiruchchirappalli Division, Southern Railway deetpj@sr.railnet.gov.in					
Total investment, Rs.1,08,000/-			Yearn of implementation 2006-07		
First year energy cost savings, Rs. 66,614/-					
First year other savings, Rs :					
On annual basis	Kwh (000')	Coal (Tons)	Gas (Nm ³)	Oil(KL)	Other
Energy consumption before					
Energy consumption after					
Energy tariff, Rs/kwh/Ton /NM ³ / kl					
Company complete address				We authorize Bureau to use this information for dissemination	
Electrical Branch, Tiruchchirappalli Division, Southern Railway				Signature:	
				Date :	

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Year to be filled by BEE		Technology-----
<p>Description of the energy conservation measure:</p> <p>One No. of 1000 litres capacity of Solar Water Heater Plant has been commissioned in the Hostel No. 3 at ZTC</p>		
Picture /sketch/drawing before modification	Picture /sketch/drawing after modification	
		

Agency that executed the project (with complete address and email)					
Electrical Branch, Tiruchchirappalli Division, Southern Railway deetpj@sr.railnet.gov.in					
Total investment, Rs. 2 Lakhs			Yearn of implementation 2006 - 07		
First year energy cost savings, Rs. 46,568/-					
First year other savings, Rs :					
On annual basis	Kwh (000')	Coal (Tons)	Gas (Nm ³)	Oil(KL)	Other
Energy consumption before					
Energy consumption after					
Energy tariff, Rs/kwh/Ton /NM ³ / kl					
Company complete address Electrical Branch, Tiruchchirappalli Division, Southern Railway				We authorize Bureau to use this information for dissemination Signature: Date :	