

Energy Conservation Measure implemented in 2006-2007

ID to be filled by BEE	Title of the measure	Sector : Process plant			
Year to be filled by BEE	Replacement of old process with Energy efficient technology.	Technology: Membrane Process			
Description of the energy conservation measure:					
The old high energy mercury cell process with energy efficient and environment friendly Membrane Cell technology.					
Picture/ sketch/ drawing before modification (if available)			Picture/ sketch/ drawing after modification		
Added separately			Added separately		
Agency that executed the project (with complete address and email): By TCC Ltd.					
Total investment, Rs.: 22 Crores			Year of implementation: 2006		
First year energy cost savings, Rs.: 289.85 Lakhs					
First year other savings, Rs.: 71.51 Lakhs					
On annual basis	kWh 000'	Coal (Tons)	Gas Nm ³	Oil (kL)	Other
Energy consumption before	3885 kWh/MT	'--	'--	'--	'--
Energy consumption after	2470 kWh/MT	'--	'--	'--	'--
Energy tariff, Rs/ kWh/ Ton/ Nm ³ / kL ...	Rs 3.47 Per kWh	'--	'--	'--	'--
Company complete address: The Travancore-Cochin Chemicals Ltd., Udyogamandal.P.O, Kochi – 683501, Kerala.				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	Sector : Process plant			
Year to be filled by BEE	Conservation of Furnace Oil by use of by-product Hydrogen gas as fuel.	Technology: Hydrogen firing system.			
Description of the energy conservation measure:					
Savings in Furnace oil consumption achieved through the use of available excess hydrogen gas as Fuel in the Heat transfer salt heater of our Caustic concentration and flaking plant.					
Picture/ sketch/ drawing before modification (if available)			Picture/ sketch/ drawing after modification		
Added separately			Added separately		
Agency that executed the project (with complete address and email): By TCC Ltd.					
Total investment,			Year of implementation: 2006		
First year energy cost savings, Rs.: 289.85 Lakhs					
First year other savings, Rs.: 71.51 Lakhs					
On annual basis	kWh 000'	Coal (Tons)	Gas Nm ³	Oil (kL)	Other
Energy consumption before	3885 kWh/MT	'--	'--	'--	'--
Energy consumption after	2470 kWh/MT	'--	'--	'--	'--
Energy tariff, Rs/ kWh/ Ton/ Nm ³ / kL ...	Rs 3.47 Per kWh	'--	'--	'--	'--
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