





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 V/F Drive on AP-2 Quench Fan 90 Kw	Sector ...Steel Re-Rolling			
Year to be filled by BEE		Technology ...V/F Drive			
Description of the energy conservation measure:					
Earlier these motor was running at full rpm. To maintain the flow, we were throttling the flow manually. Later, VFD's were installed and speed optimized according to the pressure requirement.					
Picture/ sketch/ drawing before modification (if available)			Picture/ sketch/ drawing after modification		
<div style="border: 1px solid black; padding: 5px; width: fit-content; margin: 0 auto;">Starter</div> 			<div style="border: 1px solid black; padding: 5px; width: fit-content; margin: 0 auto;">V/F Drive</div> 		
Agency that executed the project (with complete address and email): Capex Electrical, Cold Rolling Division, Jindal Stainless Ltd, Email : hsr.tig@jslhsr.com,					
Total investment, Rs.: 2.0 Lacs			Year of implementation: 2007-08		
First year energy cost savings, Rs.: 0.99 Lacs					
First year other savings, Rs.:					
On annual basis	kWh 000'	Coal (Tons)	Gas Nm ³	Oil (kL)	Other
Energy consumption before	Avg. 683.13 / day				
Energy consumption after	Avg. 647.89 / day				
Energy tariff, Rs/ kWh/ Ton/ Nm ³ / kL ...	4.25 / Kwh				
Company complete address: Subhash Garg (Cold Rolling Division), JSL Limited., OP Jindal Marg Hisar. Mb - 9896095016, Fax - 01662-220496, Email - hsr.subhashgarg@jslhsr.com				We authorise Bureau to use this information for dissemination	
Contact person who could be contacted for more information: Mr. Ravinder Goel				Signature	
				Date	

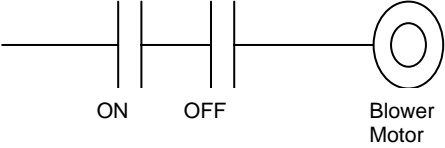
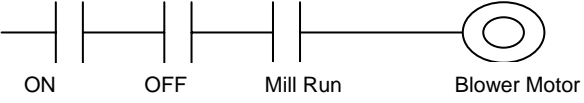
Energy Conservation Measure implemented in 2007-2008

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

ID to be filled by BEE	Title of the measure V/F Drive on Z-2 Spray Pump 37 Kw	Sector ...Steel Re-Rolling			
Year to be filled by BEE		Technology ...V/F Drive			
Description of the energy conservation measure:					
Earlier these motor was running at full rpm. To maintain the flow, we were throttling the flow manually. Later, VFD's were installed and speed optimized according to the pressure requirement.					
Picture/ sketch/ drawing before modification (if available)			Picture/ sketch/ drawing after modification		
 <div style="border: 1px solid black; display: inline-block; padding: 2px 5px; margin-top: 5px;">Starter</div>			 <div style="border: 1px solid black; display: inline-block; padding: 2px 5px; margin-top: 5px;">V/F Drive</div>		
Agency that executed the project (with complete address and email): Rajesh Goyal, email- hsr.rajeshgoyal@jshsr.com					
Total investment, Rs.: 1.5 Lacs			Year of implementation: 2007-08		
First year energy cost savings, Rs.: 4.35 Lacs					
First year other savings, Rs.:					
On annual basis	kWh 000'	Coal (Tons)	Gas Nm ³	Oil (kL)	Other
Energy consumption before	Avg. 445.98 / day				
Energy consumption after	Avg. 123.36 / day				
Energy tariff, Rs/ kWh/ Ton/ Nm ³ / kL ...	4.5 / Kwh				
Company complete address:				We authorise Bureau to use this information for dissemination	
Subhash Garg (Cold Rolling Division), JSL Limited., OP Jindal Marg Hisar. Mb - 9896095016, Fax - 01662-220496, Email - hsr.subhashgarg@jshsr.com				Signature	
Contact person who could be contacted for more information: Mr. Rajesh Goel				Date	



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 ... Steel Re-Rolling		
Year to be filled by BEE	Providing Interlock For Fume Exhaust blower at Z-2 Mill		Technology ... Interlocking		
Description of the energy conservation measure:					
Earlier this motor was running all through the day except for the shutdown time. Interlock was provided to operate the motor only during mill running time and switch off the same automatically when the mill stops.					
Picture/ sketch/ drawing before modification (if available)			Picture/ sketch/ drawing after modification		
					
Agency that executed the project (with complete address and email): Rajesh Goyal, Email- hsr.rajeshgoyal@jshsr.com					
Total investment, Rs.: NIL			Year of implementation: 2007-08		
First year energy cost savings, Rs.: 3.36 Lacs					
First year other savings, Rs.:					
On annual basis	kWh 000'	Coal (Tons)	Gas Nm ³	Oil (kL)	Other
Energy consumption before	Avg. 352.32 / day				
Energy consumption after	Avg. 102.72 / day				
Energy tariff, Rs/ kWh/ Ton/ Nm ³ / kL ...	4.5 / Kwh				
Company complete address:				We authorise Bureau to use this information for dissemination	
Subhash Garg (Cold Rolling Division), JSL Limited., OP Jindal Marg Hisar. Mb - 9896095016, Fax - 01662-220496, Email - hsr.subhashgarg@jshsr.com					
Contact person who could be contacted for more information: Mr. Rajesh Goel				Signature	
				Date	

Energy Conservation Measure implemented in 2007-2008

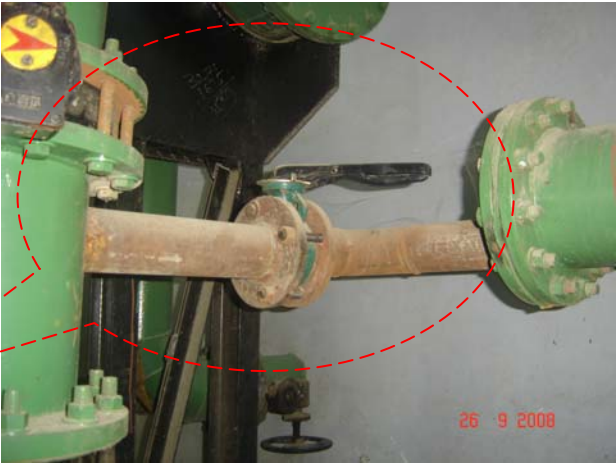
(To be filled up separately for each Energy Conservation Measure)

ID to be filled by BEE	Title of the measure		Sector: Steel Re-Rolling			
Year to be filled by BEE	Power Saving in nitrogen supply to Ebner Furnace from Gas plant		Technology			
Description of the energy conservation measure: Nitrogen was used at Ebner furnace for two purposes. Firstly to control pneumatic valves inside the furnace having cracked ammonia environment (at 5Kg pressure). Secondly, at Seal roll at furnace entry and exit to avoid any mishaps(at 3.5Kg pressure). Initially both were supplied through a common tank. But now their pressure ios optimized.using extra SSV(Slame Shut off valves) and PRV(pressure reducing valves).						
Picture/ sketch/ drawing before modification			Picture/ sketch/ drawing after modification			
						
Agency that executed the project (with complete address and email): Ashok Kumar, Email- ashok.garg@jshsr.com						
Total investment, Rs.: 0.52 Lacs			Year of implementation: 2007-08			
First year energy cost savings, Rs. 1.1 Lacs						
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: Subhash Garg (Cold Rolling Division), JSL Limited, OP Jindal Marg Hisar. Mb - 9896095016, Fax - 01662-220496, Email - hsr.subhashgarg@jshsr.com				We authorise Bureau to use this information for dissemination Signature Date		
Contact person who could be contacted for more information: Mr. Ashok Kumar						

[BACK](#)

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: Steel Re-Rolling			
Year to be filled by BEE	Direct supply of water from Z#4 pump to MGF		Technology:			
Description of the energy conservation measure:						
7.5 Kw pump switched Off and hence power saved as water from CRD- pipe line is made to drop on MGF and thereafter it is directed to water tank by gravity.						
Picture/ sketch/ drawing before modification (if available)			Picture/ sketch/ drawing after modification			
New Tapping Created						
Agency that executed the project (with complete address and email): Yogesh Gupta, Email- hsr.yogeshgupta@jslhsr.com						
Total investment, Rs.: 0.5 Lacs			Year of implementation: 2007-08			
First year energy cost savings, Rs.: 3.5 Lacs						
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: Subhash Garg (Cold Rolling Division), JSL Limited., OP Jindal Marg Hisar. Mb - 9896095016, Fax - 01662-220496, Email - hsr.subhashgarg@jslhsr.com				We authorise Bureau to use this information for dissemination		
Contact person who could be contacted for more information: Mr. Yogesh Gupta						
				Signature		
				Date		

[BACK](#)

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 : Steel Re-Rolling			
Year to be filled by BEE	Direct supply of water from CRD-1 pump to MGF	Technology			
Description of the energy conservation measure:					
2.2 Kw pump switched Off and hence power saved as water from CRD- 1 pipe line is made to drop on MGF and thereafter it is directed to water tank by gravity.					
Picture/ sketch/ drawing before modification (if available)			Picture/ sketch/ drawing after modification		
New Link Line Added					
Agency that executed the project (with complete address and email): Yogesh Gupta, Email- hsr.yogeshgupta@jslhsr.com					
Total investment, Rs.: 0.5 Lacs			Year of implementation: 2007-08		
First year energy cost savings, Rs.: 2.0 Lacs					
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: Subhash Garg (Cold Rolling Division), JSL Limited., OP Jindal Marg Hisar. Mb - 9896095016, Fax - 01662-220496, Email - hsr.subhashgarg@jslhsr.com				We authorise Bureau to use this information for dissemination Signature Date	
Contact person who could be contacted for more information: Mr. Yogesh Gupta					

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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 : Steel Re-Rolling			
Year to be filled by BEE	Insulation in oil & water line in LDO boiler		Technology			
Description of the energy conservation measure:						
Pipe line and tank insulated to cover up for the Energy losses.						
Picture/ sketch/ drawing before modification (if available)			Picture/ sketch/ drawing after modification			
						
Agency that executed the project (with complete address and email): Yogesh Gupta, Email- hsr.yogeshgupta@jshsr.com						
Total investment, Rs.: 0.61 Lacs			Year of implementation: 2007-08			
First year energy cost savings, Rs.: 1.0 Lacs						
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 authorise Bureau to use this information for dissemination		
Subhash Garg (Cold Rolling Division), JSL Limited, OP Jindal Marg Hisar. Mb - 9896095016, Fax - 01662-220496, Email - hsr.subhashgarg@jshsr.com						
Contact person who could be contacted for more information: Mr. Yogesh Gupta				Signature		
				Date		

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Energy Conservation Measure implemented in 2007-2008


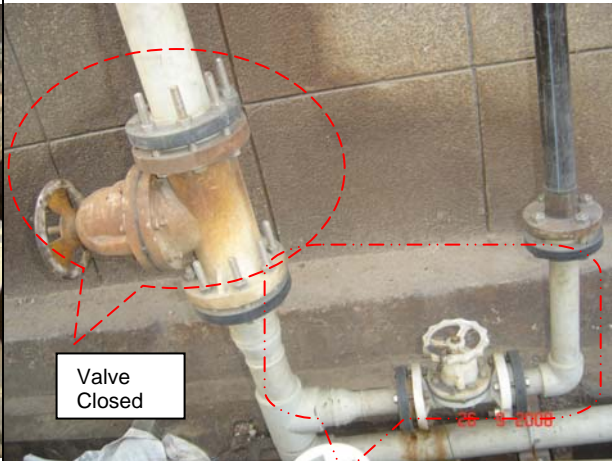
(To be filled up separately for each Energy Conservation Measure)

ID to be filled by BEE	Title of the measure		Sector :Steel Re-Rolling			
Year to be filled by BEE	Condensate return from AP-2 in boiler		Technology			
Description of the energy conservation measure:						
Condensate collected in drier which provide 80 Kg of hot water used to preheat cold water of the boiler.						
Picture/ sketch/ drawing before modification (if available)			Picture/ sketch/ drawing after modification			
						
Agency that executed the project (with complete address and email): Yogesh Gupta, Email- hsr.yogeshgupta@jshsr.com						
Total investment, Rs.: 0.02 Lacs			Year of implementation: 2007-08			
First year energy cost savings, Rs.: 1.06 Lacs						
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 authorise Bureau to use this information for dissemination		
Subhash Garg (Cold Rolling Division), JSL Limited, OP Jindal Marg Hisar. Mb - 9896095016, Fax - 01662-220496, Email - hsr.subhashgarg@jshsr.com						
Contact person who could be contacted for more information: Mr. Yogesh Gupta				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 Steel Re-Rolling			
Year to be filled by BEE	Direct supply of rinsewater from AP-3 to NT tank	Technology			
Description of the energy conservation measure: Modification of pipe line as per process conditions. Pump rated 2.2 Kw totally removed from circuit.					
Picture/ sketch/ drawing before modification (if available)			Picture/ sketch/ drawing after modification		
					
Agency that executed the project (with complete address and email): Yogesh Gupta, Email- hsr.yogeshgupta@jshsr.com					
Total investment, Rs.: 0.15 Lacs			Year of implementation: 2007-08		
First year energy cost savings, Rs.: 0.36 Lacs					
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: Subhash Garg (Cold Rolling Division), JSL Limited., OP Jindal Marg Hisar. Mb - 9896095016, Fax - 01662-220496, Email - hsr.subhashgarg@jshsr.com				We authorise Bureau to use this information for dissemination Signature Date	
Contact person who could be contacted for more information: Mr. Yogesh Gupta					

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Energy Conservation Measure implemented in 2007-2008

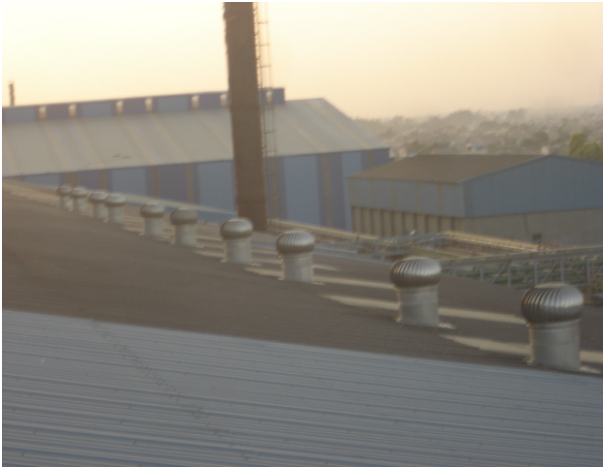
(To be filled up separately for each Energy Conservation Measure)

ID to be filled by BEE	Title of the measure		Sector ... Steel Re-Rolling			
Year to be filled by BEE	Energy saving in gas plant cooling tower fan.		Technology			
Description of the energy conservation measure:						
Auto temp controller introduced in the circuit. It switches On at 33 ⁰ C and switches off at 30 ⁰ C .						
Picture/ sketch/ drawing before modification (if available)			Picture/ sketch/ drawing after modification			
						
Agency that executed the project (with complete address and email): Yogesh Gupta, Email- hsr.yogeshgupta@jshsr.com						
Total investment, Rs.: 0.1Lacs			Year of implementation: 2007-08			
First year energy cost savings, Rs.: 1.7 Lacs						
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 authorise Bureau to use this information for dissemination Signature Date		
Subhash Garg (Cold Rolling Division), JSL Limited, OP Jindal Marg Hisar. Mb - 9896095016, Fax - 01662-220496, Email - hsr.subhashgarg@jshsr.com						
Contact person who could be contacted for more information: Mr. Yogesh Gupta						

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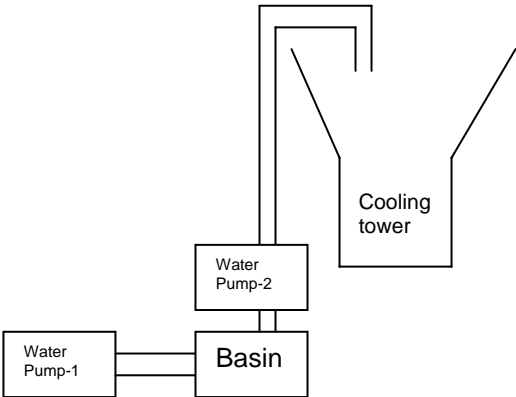
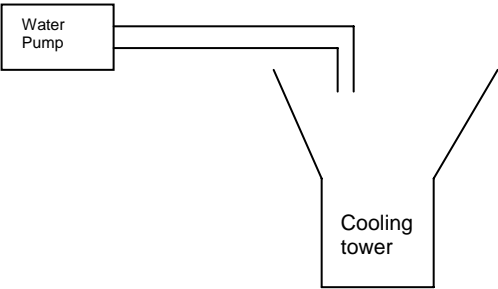
Energy Conservation Measure implemented in 2006-2007

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

ID to be filled by BEE	Title of the measure Wind Ventilators	Sector.			
Year to be filled by BEE		Technology			
Description of the energy conservation measure:					
<p>Replacement the AC Motor driven shed ventilators were replaced with the Non Conventional Wind Ventilator. In the third phase, 15 Nos of motor driven exhaust fans were replaced with the 82 nos of Non conventional one. The distribution is as under:</p> <ol style="list-style-type: none"> 1. AP-2 shed - 33 nos. 2. CBL shed - 8 nos. 3. AP-1 shed - 26 nos. 4. Z-Mill shed - 15 nos. 					
Picture/ sketch/ drawing before modification (if available)	Picture/ sketch/ drawing after modification				
					
Agency that executed the project (with complete address and email): Capex Mechanical, Cold Rolling Division, Jindal Stainless Ltd, Email : hsr.kapilsingla@jshsr.com,					
Total investment, Rs.: 6.97 Lakhs	Year of implementation: 2007-08				
First year energy cost savings, Rs.11.88 Lakhs:					
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: Subhash Garg (Cold Rolling Division), Jindal Stainless Ltd., OP Jindal Marg Hisar. Mb - 9896095016, Fax - 01662-220496, Email - hsr.subhashgarg@jshsr.com				We authorise Bureau to use this information for dissemination Signature	
Contact person who could be contacted for more information: Mr Kapil Singla				Date	

Energy Conservation Measure implemented in 2007-2008

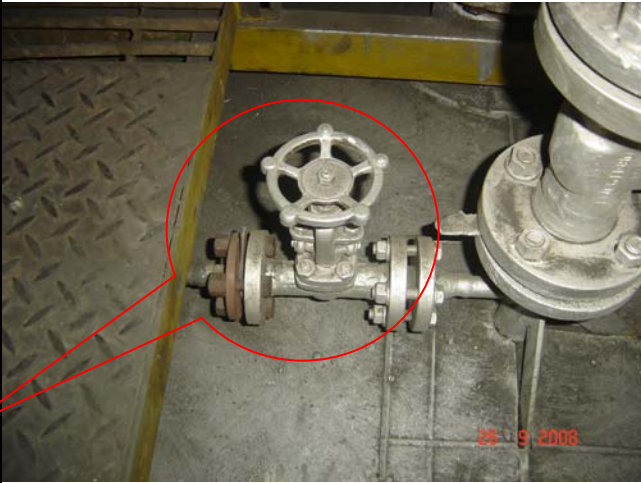
(To be filled up separately for each Energy Conservation Measure)

ID to be filled by BEE	Title of the measure Return line from gas plant and Z-3 ac modified to SPD cooling tower top		Sector ... Steel Re-Rolling			
Year to be filled by BEE			Technology			
Description of the energy conservation measure: 2 pumps of 37 Kw used to put water from basin to top. Pipe line modified in such a way so as to drop water directly to the top of the cooling tower. Thus there was a saving of 37 Kw pump which was removed from circuit.						
Picture/ sketch/ drawing before modification (if available)			Picture/ sketch/ drawing after modification			
						
Agency that executed the project (with complete address and email): Yogesh Gupta, Email- hsr.yogeshgupta@jshsr.com						
Total investment, Rs.: 0.5 Lacs			Year of implementation: 2007-08			
First year energy cost savings, Rs.: 13 Lacs						
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: Subhash Garg (Cold Rolling Division), JSL Limited, OP Jindal Marg Hisar. Mb - 9896095016, Fax - 01662-220496, Email - hsr.subhashgarg@jshsr.com Contact person who could be contacted for more information: Mr. Yogesh Gupta				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 ...Steel Re-Rolling			
Year to be filled by BEE	Steam line connection in Boiler pre-heater		Technology			
Description of the energy conservation measure:						
Initially, 15 K heaters were used to heat the oil in the tank. Now the same oil is heated using steam through a tapping from the boiler.						
Picture/ sketch/ drawing before modification (if available)			Picture/ sketch/ drawing after modification			
						
Agency that executed the project (with complete address and email): Yogesh Gupta, Email- hsr.yogeshgupta@jshsr.com						
Total investment, Rs.: 0.15 Lacs			Year of implementation: 2007-08			
First year energy cost savings, Rs.: 0.42 Lacs						
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 authorise Bureau to use this information for dissemination		
Subhash Garg (Cold Rolling Division), JSL Limited, OP Jindal Marg Hisar. Mb - 9896095016, Fax - 01662-220496, Email - hsr.subhashgarg@jshsr.com						
Contact person who could be contacted for more information: Mr. Yogesh Gupta				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 ... Steel Re-Rolling			
Year to be filled by BEE	Energy Saving by stopping new overhead tank pump in CRD-1 pump house		Technology			
Description of the energy conservation measure:						
Initially, a 22 Kw pump used to run for 0.5 hrs daily to fill the overhead tank. After modification in the pipeline, a tapping was provided from quench pump to overhead pump through filter. It runs for 24 hrs. Thus the 22 Kw pump was fully removed from circuit.						
Picture/ sketch/ drawing before modification (if available)			Picture/ sketch/ drawing after modification			
						
Agency that executed the project (with complete address and email): Yogesh Gupta, Email- hsr.yogeshgupta@jshsr.com						
Total investment, Rs.: 0.5 Lacs			Year of implementation: 2007-08			
First year energy cost savings, Rs.: .18 Lacs						
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 authorise Bureau to use this information for dissemination		
Subhash Garg (Cold Rolling Division), JSL Limited., OP Jindal Marg Hisar. Mb - 9896095016, Fax - 01662-220496, Email - hsr.subhashgarg@jshsr.com						
Contact person who could be contacted for more information: Mr. Yogesh Gupta				Signature		
				Date		

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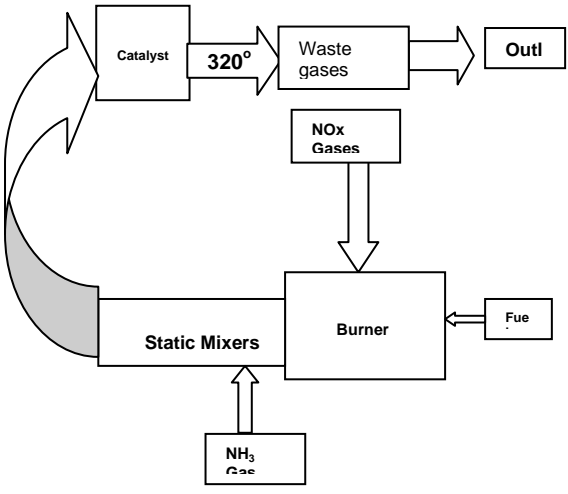
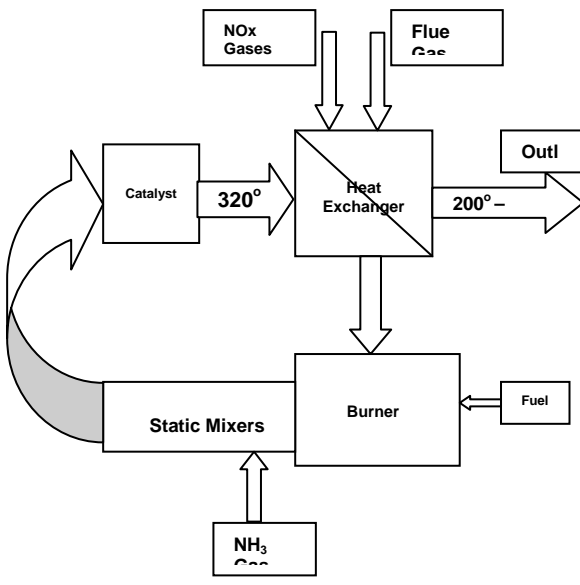
Energy Conservation Measure implemented in 2007-2008

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

ID to be filled by BEE	Title of the measure V/F Drive on Z-2 Spray Pump 132 Kw	Sector ...Steel Re-Rolling			
Year to be filled by BEE		Technology ...V/F Drive			
Description of the energy conservation measure:					
Earlier these motor was running at full rpm. To maintain the flow, we were throttling the flow manually. Later, VFD's were installed and speed optimized according to the pressure requirement.					
Picture/ sketch/ drawing before modification (if available)			Picture/ sketch/ drawing after modification		
					
Starter			V/F Drive		
Agency that executed the project (with complete address and email): Capex Electrical, Cold Rolling Division, Jindal Stainless Ltd, Email : hsr.tig@jslhsr.com,					
Total investment, Rs.: Lacs			Year of implementation: 2007-08		
First year energy cost savings, Rs.: Lacs					
First year other savings, Rs.:					
On annual basis	kWh 000'	Coal (Tons)	Gas Nm ³	Oil (kL)	Other
Energy consumption before	Avg. / day				
Energy consumption after	Avg. / day				
Energy tariff, Rs/ kWh/ Ton/ Nm ³ / kL ...	4.5 / Kwh				
Company complete address:				We authorise Bureau to use this information for dissemination	
Subhash Garg (Cold Rolling Division), JSL Limited, OP Jindal Marg Hisar. Mb - 9896095016, Fax - 01662-220496, Email - hsr.subhashgarg@jslhsr.com					
Contact person who could be contacted for more information: Mr. Ravinder Goel					
				Signature	
				Date	


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 Installation of efficient recuperator before furnace at DENOx System	Sector			
Year to be filled by BEE		Technology			
Description of the energy conservation measure: Modification carried at AP-3 with installation of efficient recuperator before furnace at DENOx System. It utilizes the temperature of flue gases to heat mixture at Denox system.					
Picture/ sketch/ drawing before modification (if available)	Picture/ sketch/ drawing after modification				
	 <p style="text-align: center;">Process flow diagram of De NOx System</p>				
Agency that executed the project (with complete address and email): Instrumentation JSL CRD, Email hsr.pardeepaggarwal@jslhsr.com					
Total investment, Rs.:40.3 Lakhs	Year of implementation: 2007-08				
First year energy cost savings, Rs.156.45 Lakhs					
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: Subhash Garg (Cold Rolling Division), Jindal Stainless Ltd., OP Jindal Marg Hisar. Mb - 9896095016, Fax - 01662-220496, Email - hsr.subhashgarg@jslhsr.com Contact person who could be contacted for more information: Pardeep Aggarwal				We authorise Bureau to use this information for dissemination Signature Date	


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 Optimize generation pressure of compressed air	Sector.			
Year to be filled by BEE		Technology			
Description of the energy conservation measure: Reduction in Power Consumption in air compressor by optimization of supply air pressure. For this we have installed an air regulating system on demand and supply side of our compressor battery(5 compressor of 1600CFM each).					
Picture/ sketch/ drawing before modification (if available)			Picture/ sketch/ drawing after modification		
					
Agency that executed the project (with complete address and email) Yogesh Gupta, Email- hsr.yogeshgupta@jshsr.com					
Total investment, Rs.: 15 Lakhs			Year of implementation: 2007-08		
First year energy cost savings, Rs.: 27.91 Lakhs:					
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: Subhash Garg (Cold Rolling Division), Jindal Stainless Ltd., OP Jindal Marg Hisar. Mb - 9896095016, Fax - 01662-220496, Email - hsr.subhashgarg@jshsr.com				We authorise Bureau to use this information for dissemination Signature Date	
Contact person who could be contacted for more information: Mr. Yogesh Gupta					

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 Static VAR Compensator	Sector			
Year to be filled by BEE		Technology			
Description of the energy conservation measure:					
<p>Our Power supply system at cold rolling division is extended from 220Kv supply in HR division. Static VAR compensator was installed at 11 Kv side. This is a dynamic system of 36 MVAR installed by AREVA (USA). The system improves overall pf and filters harmonics. The ratings are as under.</p> <p>Thyristor controlled reactor = 36MVAR 3rd Harmonic filter = 15 MVAR 5th Harmonic filter = 18 MVAR 7th Harmonic filter = 3.5 MVAR</p> <p>It improves the power Quality and Reduces the overall trippings.</p>					
Picture/ sketch/ drawing before modification (if available)			Picture/ sketch/ drawing after modification		
					
Agency that executed the project (with complete address and email): RB Sharma, Email- hsr.rbsharma@jshsr.com ,					
Total investment, Rs.: 403 Lakhs			Year of implementation: 2007-08		
First year energy cost savings, Rs.: 92					
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: Subhash Garg (Cold Rolling Division), Jindal Stainless Ltd., OP Jindal Marg Hisar. Mb - 9896095016, Fax - 01662-220496, Email - hsr.subhashgarg@jshsr.com				We authorize Bureau to use this information for dissemination Signature	
Contact person who could be contacted for more information: Mr. R.B Sharma				Date	