Energy Conservation Measure implemented in 2012-13

(To be filled up separately for each Energy Conservation Measure implemented and to be emailed ecaward2012@gmail.com; ecaward2013@gmail.com)

ID to be filled by BEE	Title of the measure	Sector: Municipal Corporation
Year: 2012-13	Street Light with Energy Saver	Technology – Dimming technology with trodial Transformer

Description of the energy conservation measure: The Energy Saving is being done through Dimming of streetlights during off-break hours after Commercial establishments close down. For this purpose, during the Energy Audit, the roads were classified into 4 categories - A1, A2, B1 and B2. For A1 roads and commercially – active roads, the dimming is done after 11 pm. for all other roads, the dimming is done after 10pm. Presently, 140 service connections are being dimmed at 11pm and the remaining 2460 service connections are being dimmed at 10pm by this way the energy consumption and carbon emission is reduced considerably.

Picture/ sketch/ drawing before modification (if available)

Picture/ sketch/ drawing after modification



Agency that executed the project (with complete address and email): M/s. Salzer Electronics Ltd, Samichettipalayam, Coimbatore – 641047, Tel: 0422- 423360, www.salzergroup.com

Total investment, Rs. 1158 Lakhs Year of implementation: 2012-2013

First year energy cost savings, Rs. 346.22 Lakh

First year other savings, Rs.39.36 Lakhs (This amount is being reduced by automatic ON/ OFF Energy Saver.

	Electricity	Coal	Gas	Oil	Other
On annual basis	(Lakh kWh)	(Tonnes)	(Nm ³)	(kL)	
Energy consumption before	256.07				
Energy consumption after	193.121				
Energy tariff, Rs/ kWh/ Tonnes/ Nm ³ /kL.	5.50				

Office Building complete address: Coimabtore Municipal Corporation, Town Hall, Coimbatore - 641001. Tel: 91-422-23960, Email: commr.coimbatore@tn.gov.in Fax: 91-422-2390167, Mobile No: 91-9442546000

Contact person who could be contacted for more information:

Er. Sugumar, B.E., City Engineer, Coimbatore City Municipal Corporation, Coimbatore - 641001. Tel: 91-422-2334464, Email: cityengineer.coimbatore@gmail.com Fax: 91-422-2390167, Mobile: 91-9443799212

dissemination

We authorize Bureau to

use this information for

Date

Signature

(To be submitted along with Part -II after intimation by BEE)

Energy Conservation Measure implemented in 2012-13

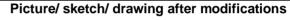
(To be filled up separately for each Energy Conservation Measure implemented and to be e-(To be submitted along with Part -II after intimation by BEE)

ID to be filled by BEE	Title of the measure Energy Efficiency in Drinking water pumping and distribution system	Sector: Municipal Corporation
Year: 2012-13		Technology- Energy efficiency motors and realignment of pipe line to gravitational distribution system.

Description of the energy conservation measure:

- (i). The old pumping motors have been replaced with energy efficiency motors.
- (ii) To minimize the electrical power energy consumption due to friction losses of pumping main the Corporation has supplying the bore well water for washing, housekeeping and other purpose.
- (iii) The old taps and weaker pipes have been replaced to prevent the water leakages.

Picture/ sketch/ drawing after modification (if available)







Agency that executed the project (with complete address and email): M/s.Kirloskar Bros ' Yamuna ' Pvt Ltd, S.No: 98/327, Varner, Pune -411045.

Year of implementation: 2012- 2013 Total investment, Rs.218 Lakhs

First year other savings Rs :

First year energy cost savings, Rs.20.24 Lsakh

First year other savings, Rs					
	Electricity (Lakh	Coal	Gas	Oil	Other
On annual basis	kWh)	(Tonnes)	(Nm ³)	(kL)	
Energy consumption before	37.06				
Energy consumption after	33.38				
Energy tariff, Rs/ kWh/ Tonnes/ Nm ³ / kL	5.50				

Office Building complete address:

Coimabtore Municipal Corporation,

Town Hall, Coimbatore - 641001. Tel: 91-422-23960, Email: commr.coimbatore@tn.gov.in Fax: 91-422-2390167, Mobile No: 91-9442546000

Contact person who could be contacted for more information:

Er. Sugumar, B.E., City Engineer, Coimbatore City Municipal Corporation, Coimbatore - 641001. Tel: 91-422-2334464, Email: cityengineer.coimbatore@gmail.com Fax: 91-422-2390167, Mobile: 91-

Date

We authorise Bureau to use this information for dissemination

Signature

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Energy Conservation Measure implemented in 2012-13

(To be filled up separately for each Energy Conservation Measure implemented and to be emailed ecaward2012@gmail.com; ecaward2013@gmail.com)

Title of the measure Energy efficiency pumps with Soft ID to be filled by BEE Sector: Municipal Corporation statars. Technology Energy efficiency Year: 2012-13 pumps with Soft statars.

Description of the energy conservation measure:

Picture/ sketch/ drawing before modification

- (i). Old Electric pumps replaced with new energy efficiency pumps.
- (ii) Soft starters have been provided.

(if available))	
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Picture/ sketch/ drawing after modification





Agency that executed the project (with complete address and email): M/s. Gharpure Engg, & Contruction, Pune-411045, mail.sng@gmail.com

Total investment, Rs.168 lakhs Year of implementation: 2012-2013

First year energy cost savings, Rs.9.075 Lakhs

First year	other s	avinas	Rs
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i list year other savings, its					
	Electricity	Coal	Gas	Oil	Other
On annual basis	(Lakh kWh)	(Tonnes)	(Nm ³)	(kL)	
Energy consumption before	20.42				
Energy consumption after	18.77				
Energy tariff, Rs/ kWh/ Tonnes/ Nm ³ /kL	5.50				

Office	Building	complete	address:
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Coimabtore Municipal Corporation,

Town Hall, Coimbatore - 641001. Tel: 91-422-23960, Email: commr.coimbatore@tn.gov.in Fax: 91-422-2390167, Mobile No: 91-9442546000

Contact person who could be contacted for more information:

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