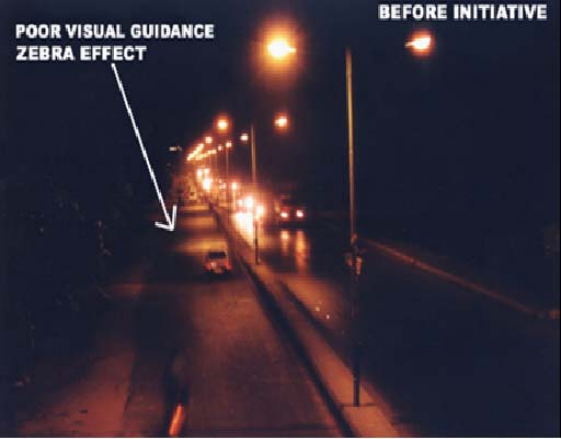



## Energy Conservation Measure implemented in 2007-2008

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

ID to be filled by BEE	Title of the measure	Sector -- <b>Streetlight.</b>
Year to be filled by BEE	<b>Energy Conservation in Streetlight Services.</b>	Technology – <b>1..Design based Lighting,</b> <b>2.Microprocessor based timer,</b> <b>3.Lamp with high lumen output,</b> <b>4. Staggering/ Dimming</b> <b>5. Procuring energy efficient product</b>
Description of the energy conservation measure:  <ol style="list-style-type: none"> <li>1. Conversion of T12 FTL into T8 FTL.</li> <li>2. Procurement of low watt loss Ballast.</li> <li>3. Conversion of HPMV into HPSV (Lamp selection based on lumen efficacy).</li> <li>4. Streetlight Installation policy is based on IS 1944 (part I &amp; II), 1970, sanctioned by General Board of the Corporation.</li> <li>5. Design based Lighting.</li> <li>6. Time management.</li> <li>6. A Staggering/Dimming of street lighting during off peak hours.</li> <li>7. Installation of Microprocessor Based Intelligent Street Light Controller with GSM technology for monitoring, controlling &amp; data transfer.</li> </ol> Detail write up is attached herewith :		
<b>Picture/ sketch/ drawing before modification</b>		<b>Picture/ sketch/ drawing after modification</b>
		
Agency that executed the project (with complete address and email): <b>List attached at Annexure-A1</b>		
Total investment, Rs.: 1100 lac (60 lac for Energy Conservation)		Year of implementation:2008

First year energy cost savings, Rs. Energy Conservation data will be available for F.Y. 2008-09					
First year other savings, Rs. - N.A.-					
On annual basis	kWh 000'	Coal (Tons)	Gas Nm <sup>3</sup>	Oil (kL)	Other
Energy consumption before (Conventional Lighting for 60 km road length)	4452	N.A.	N.A.	N.A.	N.A.
Energy consumption after (Design Based Lighting for 60 km road length)	1929	N.A.	N.A.	N.A.	N.A.
Energy tariff, Rs/ kWh	4.00	N.A.	N.A.	N.A.	N.A.
Company complete address:  <b>Executive Engineer (Electrical)</b> <b>Street Light Department</b> <b>Vadodara Municipal Corporation</b> <b>Khanderao Market Main Building,</b> <b>Rajmehal Road,</b> <b>Vadodara 390001</b> <b>GUJARAT</b>				We authorise Bureau to use this information for dissemination   Signature  Date: <b>24/10/2008</b>	
Contact person who could be contacted for more information: <b>Mr. Subodh Shah ( Executive Engineer – streetlight)</b> <b>Mobile-09825801936 Email ID - subodh1956@gmail.com</b>					

**Note: Please submit this sheet separately for each Energy Conservation Measure implemented in 2007-2008 and a CD containing the above information may be please be enclosed.**

## ANNEXURE A1

### AGENCY THAT EXECUTED THE PROJECT (WITH COMPLETE ADDRESS AND EMAIL):

**1. M/s M S Electricals :**

Prasanna House, Associated Society, Opp. Akota Radhakrishna Park, Vadodara. Ph.No.-6540872. Mob: 9825042131.

**2. M/S Shakti Electric Co.**

2/Pratiksha Colony, Near Jalaram Mandir, Karelignub, Vadodara. Mob.: 9825565617.

**3. M/s Modern Power Services::**

Modern House, H-165/3/4, GIDE Phase –II, Opp. Moco Co.

GIDC Narmadanagar, BHARUCH –392 015.

Ph.No.02642 (225659) Mob.: 9825027202.

**4. M/s Laxmi Electric store:**

Ghoga Gate, Bhavnagar, **Adm.Office.** :: Prashant PLaza, Opp.Go.vt.Press, Anandpura, Kothi Rd., Vadodara.

Mob.: 9825041019.

**5. M/s.Shree Laxmi Electric Store:**

Ushakiran Building, Opp. State Bank of Saurashtra, Raopura Main Road, Vadodara-390001.

**6. M/s Shree Prakash Electrical Co.**

91, Shaktikunj Society No.2, Manjalpura, Vadodara.

Mob.: 9824504332.

**7. M/s Anil Electricals**

G/362, Jagdamba pole, J. P. Nagar Ajawa Road. Vadodara.

Ph.No.-2512086. Mob. 9925031804 & 9925037104.

**8. M/s. Shreenath Electric Corporation**

Snow White Chambers, Nr.Kothi Char Rasta, Vadodara.  
Mob.: 9879022755.