

# MAJOR ENERGY CONSERVATION ACTIVITIES

## 1. Installation of grid connected solar power plant in various buildings/Shops



use green  
Total of 535  
lings and roof  
ctly



## 2. Installed 1TPD capacity “BARC-NISARGRUNA” model Biogas plant Inside Cochin Shipyard Limited

1TPD capacity model Biogas plant. The food teens, officers' ship galleys are to the Waste produced gas is s canteen.





### 3. Providing LED street light instead of Sodium Vapour/MH Lamp type Street light.



reet lights .

### 4. Use of energy efficient LED lamps instead of discharge lamps.

ling  
D  
ht  
s.



## 5. Introduction of energy efficient Inverter type/Star rated Air Conditioners in new buildings/ office areas

Installing  
Inverter  
Air  
Conditioners  
has  
been



## 6. Introduction of Inverter type Welding Sets



Policy for  
type welding  
to reduce the  
effectively.



## 7. Monitoring & Rectification of Gas & Compressed Air Leakage

nce contract  
ctification of  
ing hoses in  
rips under  
r repair.



## 8. Installation of Self Driven Roof extractors ventilators instead of Heavy Duty Roof extractors



e been installed at  
tenance shop and  
ne Centre of CSL  
extractors.

## 9. Switching off the Main power supply to industrial area for a moment at 12.15 Hrs

for a moment at  
exhaust fans etc,  
perated at lunch

## 10. Installation of VFD and PLC in compressor clusters

ion of  
eliminate  
the main  
vided to  
ssors at  
SL. In  
d 6 air  
5 CFM,  
cluster  
varying  
at only 3  
led to  
clustered  
through  
interface)  
system  
r house  
ay from





## 11. Variable Frequency Drive with panel for ballast pumps in ship repair dock

mp room  
0 m<sup>3</sup>/hr  
mp. The  
quirement  
or repair  
he case of  
there is a  
rement of  
period of  
nce there  
pressure  
e installed



## 12. Continuous monitoring and improvement of power factor:



HT/LT capacitor