

# ENERGY EFFICIENT SYSTEMS & POWER SAVING SOLUTIONS

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**VISION: CLEAN ENERGY  
CREATE ENERGY  
CONSERVE ENERGY**

**Mission: Save 1000 MW by converting  
Lights to LED Lighting, Heaters to Solar  
Water Heaters & Generation of Solar Power  
Water treatment methods – STP and ETP  
plants**

# ENERGY CONSERVATION PRODUCTS- CHANNEL PARTNERS






B2 B /B2 C LED Lighting

Solar Water Heaters and Heat pumps




Water management - STP and ETP Plants

Portabale Bio Gas



Shine Agencies  
Power saving solutions & Speciality Lubricants  
☎ : 96449 41975, 94449 77383, 94833 41875 ✉ : shineagencieshennai@gmail.com

# ENERGY SAVING / GENERATION PRODUCTS



On Grid / Off Grid Solar  
PV Rooftop (KW/MW)



Parabolic Solar /  
Radiant Cooling system



Energy efficient Fans



Automotive  
batteries



Synthetic Oils and  
Industrial oils

# 5 OTHER PRODUCT RANGE - DOMESTIC APPLIANCES & CORPORATE GIFTING



**NIRLEP PRODUCTS**



**morphy richards**  
smart ideas for your home

**MORPHY RICHARDS**



**AIR PURIFIERS -  
HONEYWELL**

**Balaji Techno  
Traders**



## ACCOMPLISHMENT TILL DATE

- ③ As a group we have saved more than 4.5 crores units of power for TN state.

# LIGHTINGS

## ❖ **Factory Lighting.**

High bays

Tube lights

## ❖ **Street Lighting.**

Street Light

Focus Light

## ❖ **Office Lighting.**

Tube light

Down light

Panel light



# Shine Agencies –Corporate Customer List





# Shine Agencies –Corporate Customer List

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# LED lighting – Installed March 2014 American Ortho Ltd – MPEZ, Tambaram



# LED lighting – Installed

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**FACTORY Street Light**



**FALSE CEILING -DOWN Light**



**FACTORY CONVEYER lights**



**Mercedes Benz - Workshop**

8/20/2019

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# LED lighting – Installed April 2014 Farida Shoes Ltd., C & D Units , Ambur





## MBIL LED street Lights - Installations



**ONGC Staff Residential  
quarters, Chennai**



**Leather Crafts -  
Karunguzhi**



## Corporate Activities on Energy saving products as CSR

Larsen & Tubro

ONGC, Egmore

ONGC, Paadi

Hindustan Unilever Ltd

# Corporate Activity about Energy saving products

## L & T Manapakkam



# Corporate Activity – ONGC Energy Conservation week

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**ONGC Office, Egmore - Jan 2015**



**ONGC Office, Paadi -Jan 2015**



Shine Agencies

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Compete solutions for your  
office/Factory

**Lighting Energy Audit**

**LUX studies**

**Comparison trials**

**Analysis and Reports**

**Cost Benefit Analysis**

To give you right solutions and take  
informed decisions

# LED Street Light Study Vs CFL lighting - Comparison

## Tannery at Ranipet



# LED lighting effect Before and After installation at MRF Tyredrome, Radhakrishnan Salai, Chennai



# SHINE AGENCIES - CHANNEL PARTNERS MULTI BRAND SOLAR ROOF-TOP



**Solar Roof top solutions for Home/Commercial use.  
Supplying , Installing of Solar Roof top system – Tier 1 companies.  
Liason with EB office for Net meters.  
We have team to carry out effectively all Solar roof top solutions.**

# SHINE AGENCIES - CHANNEL PARTNERS MULTI BRAND SOLAR ROOF-TOP



# SHINE AGENCIES - CHANNEL PARTNERS OORJA ENERGY

- Focus on providing Energy Efficient COOLING and HEATING solutions:
  - Solar Steam Generation: *For Cooking & Industrial Process Heat*
  - Energy Efficient Cooling (Radiant Cooling): *30-50% savings on Air Conditioning Costs*
  - Solar Cooling: *Using Solar Hot Water/Steam for Providing Cooling*

Oorja is an approved Solar Thermal Systems manufacturer by MNRE.

# PRODUCTS:

- ③ **Parabolic Trough Concentrator**
- ③ **Compound Parabolic Collector**
- ③ **Radiant Cooling Panel**
- ③ **Adsorption Chillers (R & D)**

# 24 PARABOLIC TROUGH CONCENTRATOR (PTC 72)

## Application:

- Solar Pressurized Hot water system
- Solar steam cooking system
- Solar air heating
- Solar Drying
- Effluent treatment
- Concentrated solar power (CSP)

Temperature range: upto 350 Deg C





# SOLAR STEAM GENERATION SYSTEM



**Common Steam header**

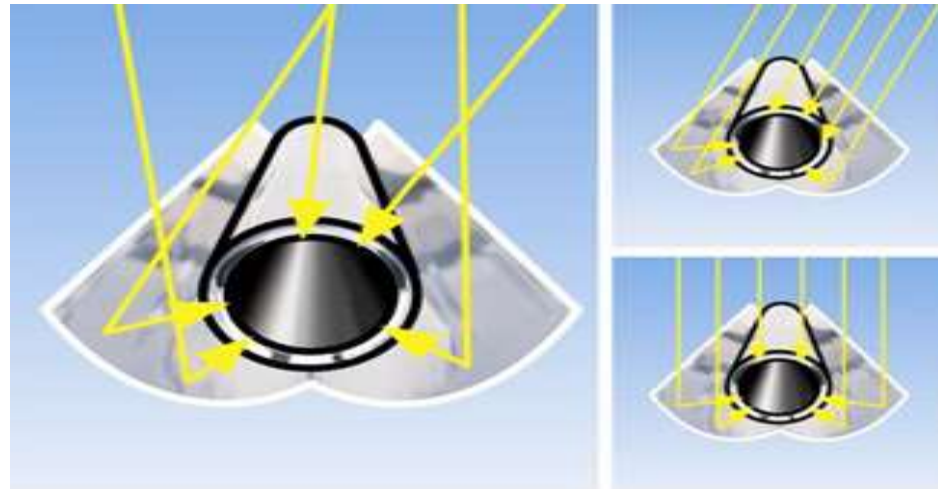


# COMPOUND PARABOLIC COLLECTOR (CPC):

## Application:

- Solar Hot water system
- Laundry application
- Boiler feed water

Temperature upto 140  
Deg C.



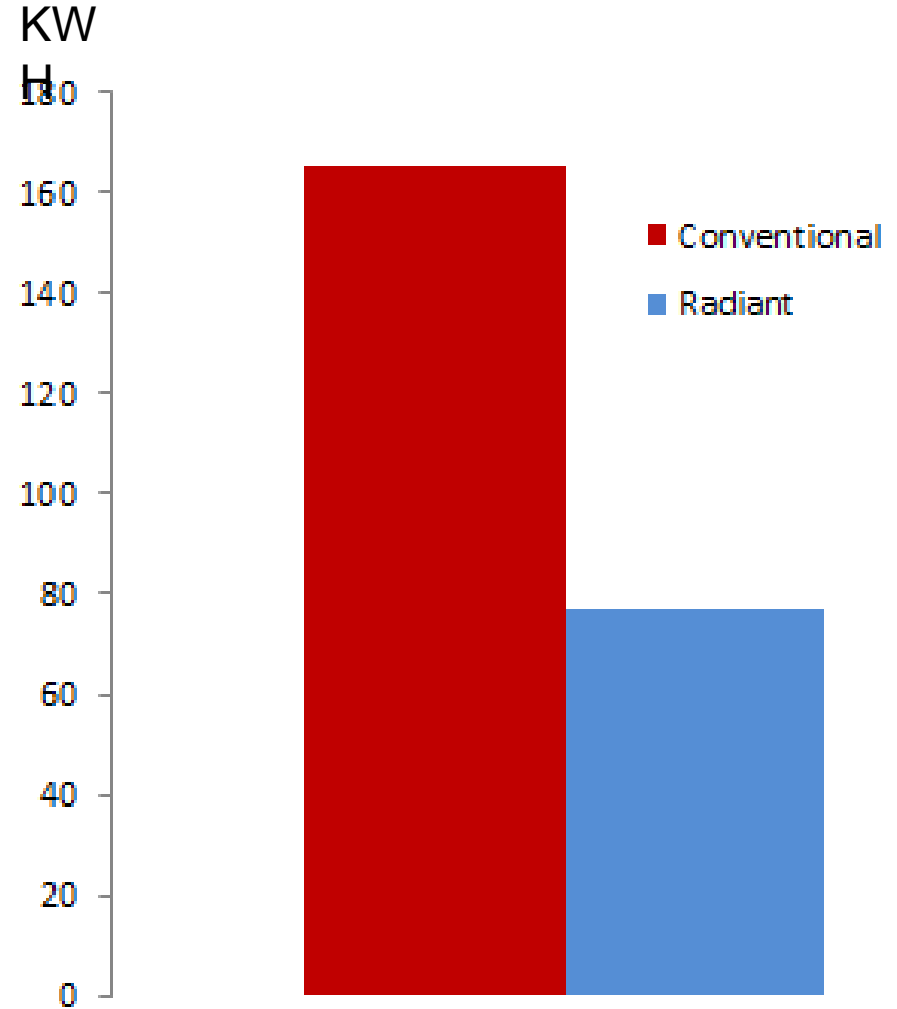
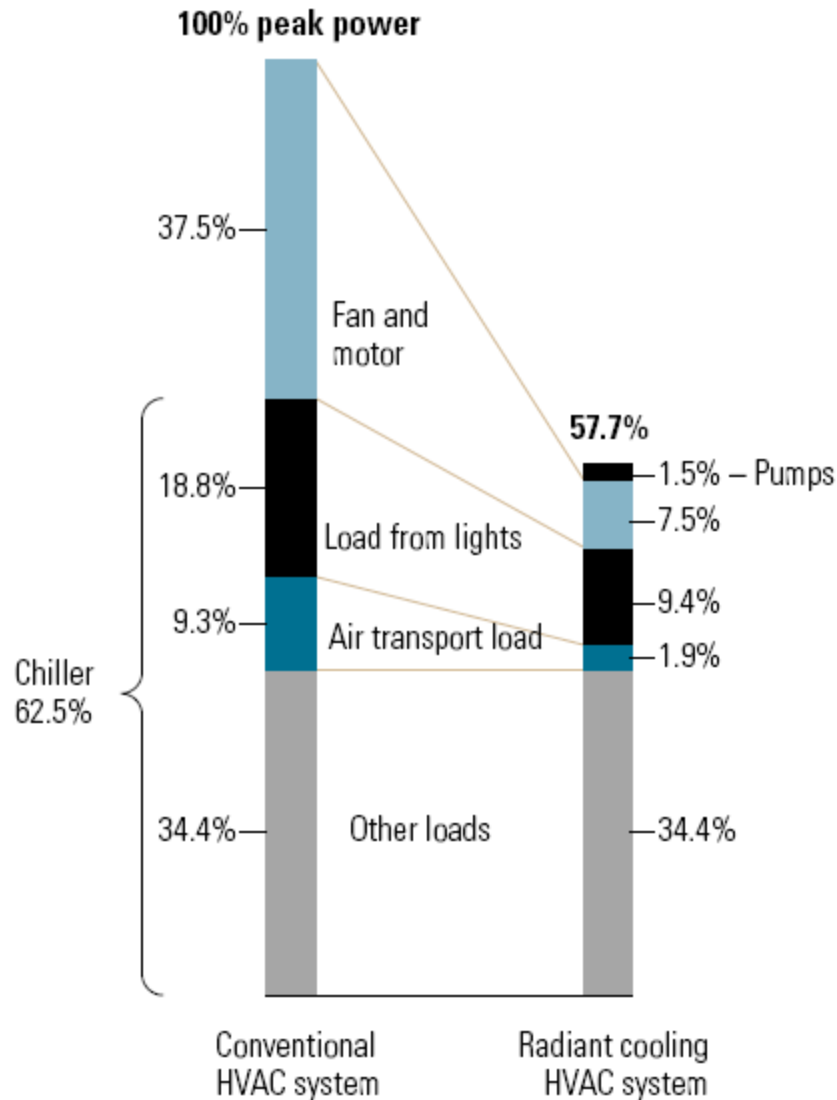
# RADIANT FLOOR COOLING:





# Energy Efficiency & Radiant Cooling

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Source: LBNL

# PARTIAL CLIENT LIST



# INSTITUTIONAL BIOGAS PLANTS-



# INSTALLATIONS PHOTOS



DR. BINI GEORGE

T K P HOSPITAL





# SALIENT FEATURES OF OUR BIOGAS PLANT:-

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- ⦿ Process time for biogas production is just 24 hours.
- ⦿ No bad odour.
- ⦿ “Green Connect biogas” converts the solid and liquid bio-waste into renewable biogas as a replacement of LPG (cooking gas).
- ⦿ “Green Connect biogas” treats the waste and converts them into organic manure and stops waste from ending up in the landfills.
- ⦿ It provides easy and de-centralized waste management.
- ⦿ Customers can have a reliable secondary source of cooking gas/electricity with “Green Connect biogas”.

# GREEN CONNECT BIOGAS

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## PLANTS:-

- ③ Uses waste food/ vegetables to biogas for cooking using the process of anaerobic digestion.
- ③ The food and vegetable waste from your homes, Schools, Canteens, Colleges, Hostels, temples, marriage halls, commercial establishments etc can be used to produce biogas.

# REDUCE YOUR CARBON FOOTPRINT!

- ⊙ Did you know that if the waste is thrown out in the open it will release methane, the most dangerous green house gas? Methane is 21 times more powerful a greenhouse gas than CO<sub>2</sub>!
- ⊙ From just 1 kg of waste you can save as much as 250 grams of methane from polluting the atmosphere and over a year, you can **save 3000-18,000 kg of CO<sub>2</sub> per year** by installing just one unit of our biogas plant!

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**OFFICE : 24/20 1<sup>ST</sup> FLOOR, 3<sup>RD</sup>  
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OPP. HDFC ATM, NANGANALLUR,  
CHENNAI - 600061**

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**96772 71575**

**GST NO: 33BPEPS9784P1ZS**

# BANK DETAILS

- ◎ **Shine Agencies**
- ◎ **HDFC current Account**
- ◎ **Branch: Nanganallur**
- ◎ **IFSC Code: HDFC0000674**
- ◎ **Account No: 50200023761211**

Thank You