



# Emmvee Solar Systems Pvt Ltd

## Bangalore

*Steps towards harnessing*

***Solar Energy***

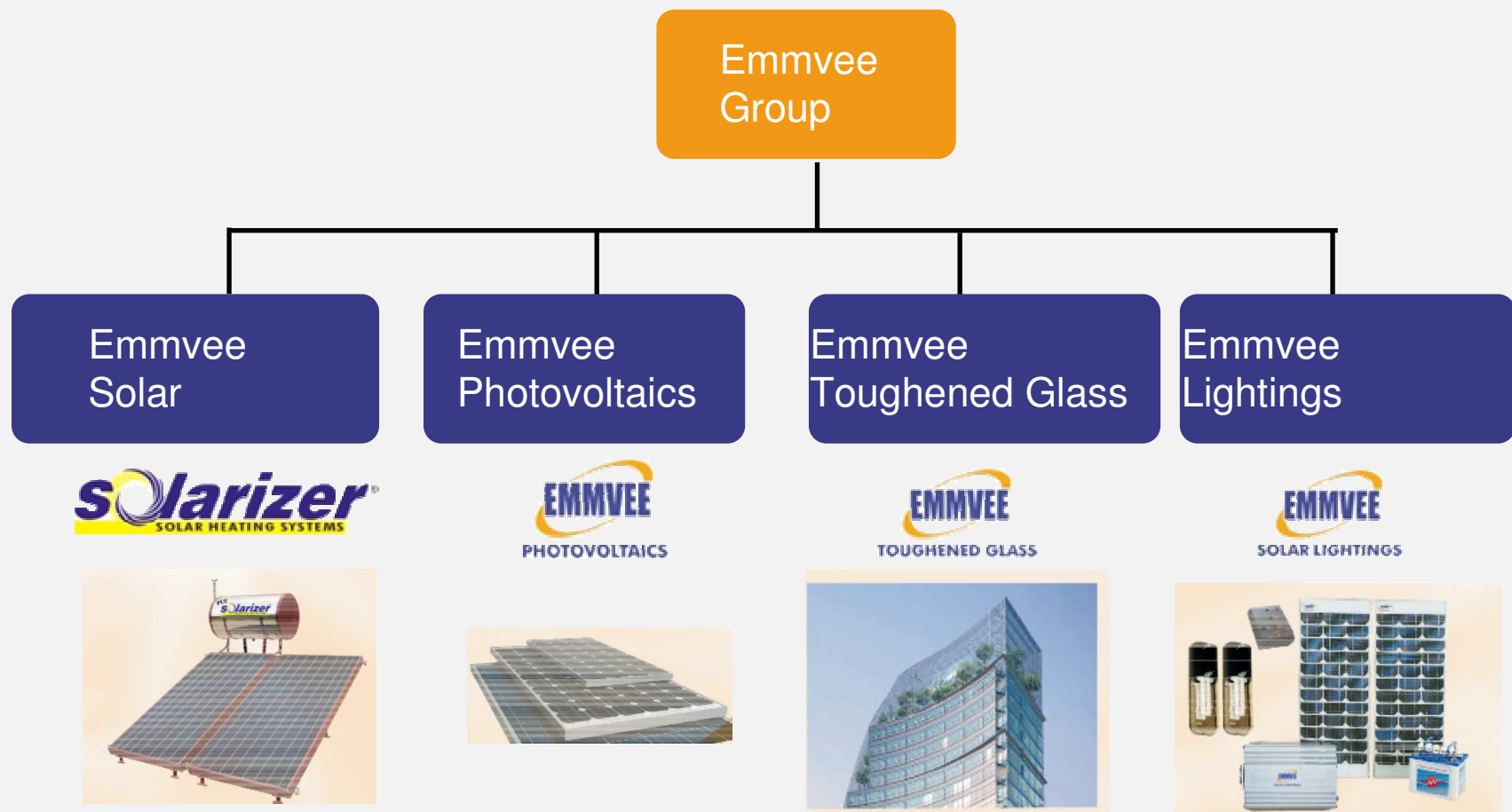
*Thermal Systems*

# VISION STATEMENT

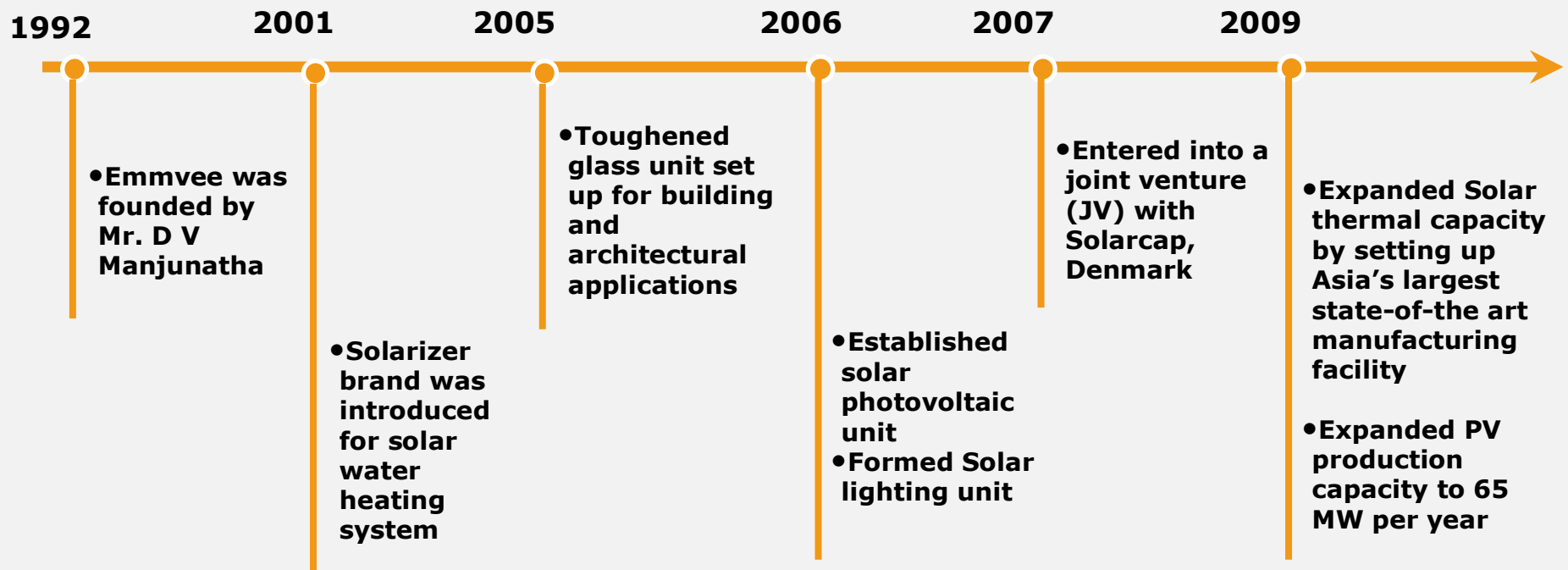
- “Our vision is to bring professionalism into our various operations and to develop a positive and forward looking culture among our employees, oriented towards total customer satisfaction”



# Emmvee has a presence in the 21st century sustainable businesses



# We have grown from strength to strength since our beginning in 1992



## About the Company



- EMMVEE Solar was established in the year 1992 for manufacture of Solar Water Heating Systems.
- State of the Art integrated facilities started in 2001 at Bangalore.
- Customer base – 2 Millions
- ISO 9001:2008 & 14001:2004 Certified.
- BIS / MNRE & DGS&D approved.
- Focus on Quality and Reliability

## Company Policy



- Provide quality products and services and strive to meet the expectations of customers and interested parties.
- Continually improve the product, process and systems.
- Develop people's capability through effective training.
- Comply with international standard.
- Provide necessary resources that are essential to accomplish the above.

## Infrastructure

- Over 500 highly skilled / dedicated manpower.
- Own facility for tempering of Glass.
- Quality department that continuously monitors all incoming / in process materials & components.
- As per customer requirement, we can provide customised systems

## New Plant at Bangalore



**ISO-9001-2008 & 14001-2004 CERTIFIED COMPANY**



# PRESTIGIOUS PRESIDENTIAL AWARD FOR 2002-2007







Mr. Deepak Gupta

Mr. Arcot N Veeraswami  
Hon'ble Minister of Electricity

Mr. Sevugan Regupathi



# Thermal Unit















# MARKET SEGMENT

- DOMESTIC
- HOSPITALS
- HOTELS & RESORTS
- HOSTELS
- INDUSTRIES
- INSTITUTIONS
- AGRICULTURE

# SOLAR APPLICATIONS



- WATER HEATER
- BATHING
- COOKING
- WASHING
- CROP DRYING
- DISTILLED WATER
- BOILER FEED
- CHEMICAL PROCESSING
- SWIMMING POOL  
HEATING
- ROOM HEATING
- Refrigeration



**LIST OF GOVT. CUSTOMERS 2008-09**

<b>S.No</b>	<b>Department</b>	<b>Total LPD</b>
1	CPWD	30400
2	CPWD	127200
3	SSB	10000
4	ITS DENTAL COLLEGE	2000
5	ITS INSTITUTE	4000
6	TRAUMA CENTRE	4000
7	BSA	16500
8	DDU	15000
9	ITS DENTAL COLLEGE	4750
10	JAWAHARLAL UNIVERSITY	14000
11	LG House	2500
12	CWE AMBALA	15000
13	PWD	8000
14	CPWD	2400
15	RML HOSPITAL	4000
16	RML HOSPITAL	4000
17	GTB HOSPITAL	10000
18	BSF	6000
19	ITBP	10000

21	Britania Ind. New Delhi	500
22	Britania Ind. Rudhrapur	300
23	BSF, Saket, New Delhi	2000
24	SPG Complex, Dwarka	2000
25	CWE, Pithoragarh	300
26	ITBP, Shivpuri	800
27	ITBP, Tejpur	1000
28	CWE, BIKANER	11000
29	BSF, CGO Complex, New Delhi	2000
30	DDA, New Delhi	15700
31	CPWD, Suchitra Kriplani	4000
32	RML HOSPITAL	18000
33	BSF, Nizamudin	1000
34	Northern Railway, Delhi	10100
35	SSF Delhi	32700
36	CPWD, Shimla	15000
37	SSB Delhi	
38	PWD	24700
39	PWD	4500
40	ASSAM RIFLES	

# LIST OF GOVT. CUSTOMERS IN THE YEAR 2009-10



S.No.	Department	Total Qty.
1	JAWAHARLAL STADIUM	8000
2	CPWD	4000
3	DELHI COLLEGE OF ENGINEERING	21500
4	DELHI COLLEGE OF ENGINEERING	26500
5	SHILLONG ZONE	2400
6	PWD	12000
7	CWE AMBALA	4700
8	PWD	16000
9	CPWD	12000
10	National Institute of Technology, Kurukshetra	99000
11	DELHI COLLEGE OF ENGINEERING	20000

# Case Study On Hospitals

## (Ganga Ram Hospital )

- GRH Second largest Private hospital in Delhi

1. Capacity of Installation : 5000LPDx 3
2. Cost of the System : Rs 2500000.00
3. System Type : Force circulation
4. Application : Hot water supply to ward & OT
5. Savings : 750 Units Per Day (750x 5.00 - 3750)
6. Total Savings : Rs 3750 x 340 =Rs 1275000
7. Total Pay Back period : 2 years
8. Systems installed on : 2008

## Case Study On Hospitals

### RML Hospital

- RML Third largest Government Hospital in Delhi

1. Capacity of Installation : 2000LPDx 13
2. Cost of the System : Rs 5135000.00
3. System Type : Thermosyphan
4. Application : Hot water supply to ward & OT
5. Savings : 1300 Units (1300x 5.00 - 6500)
6. Total Savings : Rs 6500 x 340 = Rs 2210000
7. Total Pay Back period : 2 years
8. Systems installed on : 2008



Best Western Resort

## Case Study On Hotel

### Best Western Resort

- One of the largest Resort in the heart of Bustling Gurgaon NCR Region having 400 Rooms

1. Capacity of Installation : 3000LPD x 3, 2000 x 1, 2500 x 1, 750 x 1

2. Cost of the System : Rs 2775000.00

3. System Type : Thermosyphen

4. Application : Hot water supply Bathrooms & Kitchen

5. Savings : 775 Units (775 x 5.00 - 3875)

6. Total Savings : Rs 3875 x 340 = Rs 1317500

7. Total Pay Back period : 2 years

8. Systems installed on : 2008





JP Siddhartha Hotel



## Case Study On Hotel

# JP Siddhartha Hotel

1. Capacity of Installation : 3500LPD<sub>x</sub> 1
2. Cost of the System : Rs 490000.00
3. System Type : Boiler Feed
4. Application : Supply Hotel Bathrooms
5. Savings : 175 Units (175<sub>x</sub> 5.00 = 875)
6. Total Savings : Rs 875 x 340 = Rs 297500
7. Total Pay Back period : 2 years
8. Systems installed on : 2008



Delhi Technological university

## Case Study on Delhi Technological university

- One and only Technical Government University in Delhi

1. Capacity of Installation : 500LPDx 96
2. Cost of the System : Rs 8928000
3. System Type : Thermosyphan
4. Application : Hot water supply hostel and Kitchen
5. Savings : 2400 Units (2400x5.00 - 12000)
6. Total Savings : Rs 12000 x 340 =Rs 4080000
7. Total Pay Back period : 2 years
8. Systems installed on :2009



Stadium-JNU

## Case Study On Stadium-JNU

•One of the Common Wealth Stadium Maintained by CPWD

1. Capacity of Installation :1000LPDx 8
2. Cost of the System : Rs 1536000.00
3. System Type : Thermosyphan
4. Application : Hot water supply hostel and Kitchen
5. Savings : 400 Units (400x5.00 - 2000)
6. Total Savings : Rs 2000 x 340 =Rs 680000
7. Total Pay Back period : 2 years
8. Systems installed on :2009



SSB RK Puram, HQ

## Case Study On -Paramilitary Force- SSB RK Puram, HQ

•One of the Common Wealth Stadium Maintained by CPWD

1. Capacity of Installation: 1000LPD x 3,500 x 1,300 x 1,200 x 1

2. Cost of the System : Rs 780000.00

3. System Type : Thermosyphan

4. Application : Hot water supply barrack Bathrooms

5. Savings : 200 Units (200 x 5.00 - 1000)

6. Total Savings : Rs 1000 x 340 = Rs 340000

7. Total Pay Back period : 2 years

8. Systems installed on : 2009





MEA



## Case Study On Housing Complex

•Housing Complex of IFS Officers –MEA Maintained by CPWD,

1. Capacity of Installation :300LPDx 99

2. Cost of the System :Rs 6633000.00

3. System Type : Thermosyphan

4. Application : Hot water supply to Bathroom

5. Savings : 15Units/house/day (1485x5.00 – 7425)

6. Total Savings : Rs 7425 x 340 =Rs 2524500

7. Total Pay Back period : 2 years

8. Systems installed on :2008

# CONCLUSION

- Emmvee has a strong focus on quality, timely delivery and price.
- This is mainly Achieved by Employing the best trained and knowledgeable employees.
- Using State-of the-art Equipments and machines and testing instruments.
- Rendering a very professional management practices to the organization.
- Adopting some of the best manufacturing practices that are comparable to some of the best known companies in the world.
- Emmvee Strives hard to adopt itself to the ever changing technologies in the Solar water Heater .



THANK YOU