Saving energy.... for the future

Energy Systems, Perfectly Customized
About Us…

M.E Energy Pvt. Ltd., incorporated in 1998, created its own space as a turnkey solutions provider in the field of Thermal Engineering within a short span of time. We successfully implemented quite a few innovative, customized, Energy Saving Systems, Special Energy Systems and Heat Exchangers & Pressure Vessels.

Our impressive past track record boasts of over a thousand equipments ranging from the most simple Waste Heat Recovery Boilers to highly complex systems involving RG Boilers, FG Boilers, WHRB for Sulphuric Acid Plants, HRSGs for Gas Turbines / Engines / Incinerators etc.

Our customers have reaped enormous cash savings and other benefits by implementing out of the box solutions for Energy Savings, Process Improvements, Automation etc. developed and manufactured at our state of the art facilities in the suburbs of Pune, India. This is evident from the repeat orders that have been bestowed on us.

M.E Energy won many awards and recognitions for the concepts they implemented. Latest amongst these are the ones conferred on us by Confederation of Indian Industry (CII) for “Innovations in Energy Efficiency (2017)” and “Best Energy Efficient Case Study (2018)”

Our Commitment…

We are committed to do the best at all times for our customers, patrons and stakeholders. A business deal is an opportunity for us to express our joy and to deploy our learning and expertise amassed over the last two decades of customer service.

Our strength is our team of young and energetic engineers and technocrats, whose brilliant ideas have been carefully developed into solutions that create additional prosperity, contribute to energy security for the future generations and preserve environment.

With warm regards,
K. Vijay Kartha
Chairman & Managing Director
Energy Systems, Perfectly Customized

Our strength is our team of young and energetic engineers and technocrats, whose brilliant ideas have been carefully developed into solutions that create additional prosperity, contribute to energy security for the future generations and preserve the environment.

K. Vijay Kartha
Chairman & Managing Director

With warm regards,

We are committed to doing our best at all times for our customers, patrons, and stakeholders. A business deal is an opportunity for us to express our joy and to deploy our learning and expertise amassed over the last two decades of customer service.

Our Commitment...

- Waste Heat Recovery - Hot Water, Hot Air, Thermal Oil
- Combined-Cycle / Waste-Heat Based Power Plants
- Waste Heat Recovery - Steam Systems
- Waste To Energy / Incinerator Waste Heat Recovery
- Process Integrated Boilers, Reformer Gas Boilers

Fired Energy Systems

- Hot Water Generators
- Hot Air Generators, Air Heaters
- High Temperature Thermic Fluid Heaters

Heat Exchangers and Pressure Vessels

- For Process Industries
- Shell & Tube, Finned Tube

Heating Systems for Special Applications

- For Biscuit Baking
- For Paint Baking and Pre-Treatment
- High Pressure - Low Capacity for Edible Oil Plants
- Thermosiphon Systems

Value Proposition

- Global Customer Base
- Concept to Commissioning
- Strong Past Track Record
- Faster Deliveries
- EPC / Turnkey Approach
- Focused Process and Quality Assurance
- Core Competence – Thermal Engineering

Our Patrons

- PepsiCo India
- Britannia Industries Ltd.
- Honda Motors Co. Ltd.
- Fiat Automobiles
- Tata Motors Limited
- Rolls-Royce Bergen Engines
- Steel Authority of India Ltd.
- JSW Steel Ltd.
- ESSAR Steel India Limited
- PT. South Pacific Viscose
- DMT GMBH
- Indian Oil Corporation
- Shell India Private Ltd.
- Bayer (India) Ltd
- United Group, Bangladesh

M.E Energy Pvt. Ltd., incorporated in 1998, created its own space as a turnkey solutions provider in the field of Thermal Engineering within a short span of time. We successfully implemented quite a few innovative, customized Energy Saving Systems, Special Energy Systems and Heat Exchangers & Pressure Vessels.

Our impressive past track record boasts of over a thousand equipments ranging from the most simple Waste Heat Recovery Boilers to highly complex systems involving RG Boilers, FG Boilers, WHRB for Sulphuric Acid Plants, HRSGs for Gas Turbines / Engines / Incinerators etc.

Our customers have reaped enormous cash savings and other benefits by implementing out of the box solutions for Energy Savings, Process Improvements, Automation etc. developed and manufactured at our state of the art facilities in the suburbs of Pune, India. This is evident from the repeat orders that have been bestowed on us.

M.E Energy won many awards and recognitions for the concepts they implemented. Latest amongst these are the ones conferred on us by Confederation of Indian Industry (CII) for “Innovations in Energy Efficiency (2017)” and “Best Energy Efficient Case Study (2018)”
Energy Saving Systems

Combined Cycle / Waste Heat Recovery based Power Plants

- On Gas Turbines
- On Gas / HFO / Bio Gas Engines
- On Municipal Solid Waste (MSW)
- On Exothermic Reactions
- On Incinerators
- Multi-stage Heat Recovery Systems
- Complete EPC including System Integration

Waste Heat Recovery Systems for Process Applications

- Hot Water Systems
- Thermal Oil Systems
- Hot Air Systems
- Steam Systems
- Combination Systems
- Custom Built
Waste Heat Recovery Boilers & Systems

**Water Tube Boilers**
- On any Waste Heat Gas Streams
- Dual / Triple Pressure
- Vertical / Horizontal Construction
- Bare Tube / Finned Tube
- Natural / Forced Circulation
- Modular Construction
- Multiple Boiler with Common Steam Drum

**Smoke Tube Boilers**
- Horizontal, Compact
- Common Boiler for Multiple Engines
- Isolated Exhaust Gas Path
- Skid Mounted, Pre insulated
- Prewired and Piped
- Plug & Play

**Process Integrated Boilers**

- Sinter Plants
- Coke Oven, By-product Plants
- DRI Kilns / Sponge Iron Plants
- Coke Dry Quenching (CDQ)
- BF Gas, Blast Furnaces
- Reformers
- Sulphuric Acid Plants / SRU’s
- Coal Gasification Plants
- Cement Plants, Glass Furnaces
Heat Exchangers & Pressure Vessels

- Shell & Tube, Finned Tube Types
- Shell and Coil Type
- Pressure Vessels, Columns, Reactors
- Steam Equipments, Heating Skids
- Thermal & Mechanical Design, Built to Print
- Design & Build to ASME, BIS, TEMA, API, IBR
- Carbon Steel, Stainless Steel, Alloy Steel
- Duplex Steel and Other Exotic Metallurgies

M.E Energy in Every Industry

<table>
<thead>
<tr>
<th>M.E ENERGY PRESENCE</th>
<th>Oil &amp; Gas</th>
<th>Power</th>
<th>Fertilizers</th>
<th>Petrochemicals</th>
<th>Steel</th>
<th>Auto &amp; Auto Ancillaries</th>
<th>Food &amp; Beverages</th>
<th>Drugs &amp; Pharmaceuticals</th>
<th>Chemical &amp; Processing</th>
<th>Polymers</th>
<th>Textiles</th>
</tr>
</thead>
<tbody>
<tr>
<td>Waste Heat Recovery Systems</td>
<td><img src="icon1.png" alt="Icon" /></td>
<td><img src="icon2.png" alt="Icon" /></td>
<td><img src="icon3.png" alt="Icon" /></td>
<td><img src="icon4.png" alt="Icon" /></td>
<td><img src="icon5.png" alt="Icon" /></td>
<td><img src="icon6.png" alt="Icon" /></td>
<td><img src="icon7.png" alt="Icon" /></td>
<td><img src="icon8.png" alt="Icon" /></td>
<td><img src="icon9.png" alt="Icon" /></td>
<td><img src="icon10.png" alt="Icon" /></td>
<td><img src="icon11.png" alt="Icon" /></td>
</tr>
<tr>
<td>Process Integrated Boilers</td>
<td><img src="icon12.png" alt="Icon" /></td>
<td><img src="icon13.png" alt="Icon" /></td>
<td><img src="icon14.png" alt="Icon" /></td>
<td><img src="icon15.png" alt="Icon" /></td>
<td><img src="icon16.png" alt="Icon" /></td>
<td><img src="icon17.png" alt="Icon" /></td>
<td><img src="icon18.png" alt="Icon" /></td>
<td><img src="icon19.png" alt="Icon" /></td>
<td><img src="icon20.png" alt="Icon" /></td>
<td><img src="icon21.png" alt="Icon" /></td>
<td><img src="icon22.png" alt="Icon" /></td>
</tr>
<tr>
<td>Hot Water / Air Generators</td>
<td><img src="icon23.png" alt="Icon" /></td>
<td><img src="icon24.png" alt="Icon" /></td>
<td><img src="icon25.png" alt="Icon" /></td>
<td><img src="icon26.png" alt="Icon" /></td>
<td><img src="icon27.png" alt="Icon" /></td>
<td><img src="icon28.png" alt="Icon" /></td>
<td><img src="icon29.png" alt="Icon" /></td>
<td><img src="icon30.png" alt="Icon" /></td>
<td><img src="icon31.png" alt="Icon" /></td>
<td><img src="icon32.png" alt="Icon" /></td>
<td><img src="icon33.png" alt="Icon" /></td>
</tr>
<tr>
<td>Thermal Oil Systems</td>
<td><img src="icon34.png" alt="Icon" /></td>
<td><img src="icon35.png" alt="Icon" /></td>
<td><img src="icon36.png" alt="Icon" /></td>
<td><img src="icon37.png" alt="Icon" /></td>
<td><img src="icon38.png" alt="Icon" /></td>
<td><img src="icon39.png" alt="Icon" /></td>
<td><img src="icon40.png" alt="Icon" /></td>
<td><img src="icon41.png" alt="Icon" /></td>
<td><img src="icon42.png" alt="Icon" /></td>
<td><img src="icon43.png" alt="Icon" /></td>
<td><img src="icon44.png" alt="Icon" /></td>
</tr>
<tr>
<td>Heat Exchangers</td>
<td><img src="icon45.png" alt="Icon" /></td>
<td><img src="icon46.png" alt="Icon" /></td>
<td><img src="icon47.png" alt="Icon" /></td>
<td><img src="icon48.png" alt="Icon" /></td>
<td><img src="icon49.png" alt="Icon" /></td>
<td><img src="icon50.png" alt="Icon" /></td>
<td><img src="icon51.png" alt="Icon" /></td>
<td><img src="icon52.png" alt="Icon" /></td>
<td><img src="icon53.png" alt="Icon" /></td>
<td><img src="icon54.png" alt="Icon" /></td>
<td><img src="icon55.png" alt="Icon" /></td>
</tr>
<tr>
<td>HP / LP Heaters</td>
<td><img src="icon56.png" alt="Icon" /></td>
<td><img src="icon57.png" alt="Icon" /></td>
<td><img src="icon58.png" alt="Icon" /></td>
<td><img src="icon59.png" alt="Icon" /></td>
<td><img src="icon60.png" alt="Icon" /></td>
<td><img src="icon61.png" alt="Icon" /></td>
<td><img src="icon62.png" alt="Icon" /></td>
<td><img src="icon63.png" alt="Icon" /></td>
<td><img src="icon64.png" alt="Icon" /></td>
<td><img src="icon65.png" alt="Icon" /></td>
<td><img src="icon66.png" alt="Icon" /></td>
</tr>
<tr>
<td>Reboilers</td>
<td><img src="icon67.png" alt="Icon" /></td>
<td><img src="icon68.png" alt="Icon" /></td>
<td><img src="icon69.png" alt="Icon" /></td>
<td><img src="icon70.png" alt="Icon" /></td>
<td><img src="icon71.png" alt="Icon" /></td>
<td><img src="icon72.png" alt="Icon" /></td>
<td><img src="icon73.png" alt="Icon" /></td>
<td><img src="icon74.png" alt="Icon" /></td>
<td><img src="icon75.png" alt="Icon" /></td>
<td><img src="icon76.png" alt="Icon" /></td>
<td><img src="icon77.png" alt="Icon" /></td>
</tr>
<tr>
<td>Air / Gas Coolers</td>
<td><img src="icon78.png" alt="Icon" /></td>
<td><img src="icon79.png" alt="Icon" /></td>
<td><img src="icon80.png" alt="Icon" /></td>
<td><img src="icon81.png" alt="Icon" /></td>
<td><img src="icon82.png" alt="Icon" /></td>
<td><img src="icon83.png" alt="Icon" /></td>
<td><img src="icon84.png" alt="Icon" /></td>
<td><img src="icon85.png" alt="Icon" /></td>
<td><img src="icon86.png" alt="Icon" /></td>
<td><img src="icon87.png" alt="Icon" /></td>
<td><img src="icon88.png" alt="Icon" /></td>
</tr>
</tbody>
</table>
Fired Energy Systems

Hot Air Generators
- Recirculation / Fresh Air Heaters
- Direct / Indirect Fired
- For Painting Lines
- For Drying
- Custom Built, Upto 900°C

Hot Water Generators
- Smoke Tube, Horizontal
- Efficiency: 94% on NCV
- Lower Power Consumption
- Easy to Maintain
- The Preferred Brand by Auto Majors

Thermic Fluid Heaters
- For Temperatures upto 400°C
- For any Fuels
- Direct Fired Vapourizing
- Innovative System Designs
- Combination with Waste Heat Systems

Heating System for Special Applications
- Heating / Cooling System Development for Processes from Basic Description
- Application Research & Implementation of Energy Saving Projects
- "First of a Kind" Systems
- Many such Innovative Projects Completed:
  - Biscuit Baking Oven
  - Thermo-roll Heating System for Paper Mills
  - Pitch Furne Incinerator for Graphite Industries
  - Industrial Latex Gloves Manufacturing Lines

Energy Systems, Perfectly Customized
Team M.E Energy

Our Esteemed Clientele

<table>
<thead>
<tr>
<th>Britannia</th>
<th>TVS</th>
<th>Pepsi</th>
<th>Wartsila</th>
<th>IndianOil</th>
<th>Tata</th>
<th>Fiat</th>
</tr>
</thead>
<tbody>
<tr>
<td>GM</td>
<td>R</td>
<td>Bayer</td>
<td>JCB</td>
<td>Hero</td>
<td>Mahindra</td>
<td>Honda</td>
</tr>
<tr>
<td>Mahindra</td>
<td>S</td>
<td>L7</td>
<td>Essar</td>
<td>ONGC</td>
<td>Clarke Energy</td>
<td>GEICO</td>
</tr>
<tr>
<td>DMT</td>
<td>GL</td>
<td>Shell</td>
<td>Bosch</td>
<td>SVI</td>
<td>Shriram EPC</td>
<td>Confidence Group</td>
</tr>
<tr>
<td>APL</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>South Pacific Viscose</td>
<td>Tata Motors</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>MBE</td>
<td>... &amp; many more</td>
</tr>
</tbody>
</table>

* All Logos & TM belong to respective companies

Energy Systems, Perfectly Customized

M.E ENERGY PVT. LTD.
Corporate & Head Office:
Gat No.1083/1B, Markal, Taluka Khed, Dist Pune - 412 105, Maharashtra, India
Tel.: +91 2135 626262  •  Fax: +91 2135 626298
Email: mepl@meenergy.com  •  www.meenergy.com
CIN No. U51503PN1998PTC114226  •  GST NO.: 27AABCM9355L1ZY

© M.E Energy Pvt Ltd.