Ask the right questions

How it helps:
My Business  
My People  
My Country

How does it work in practice

WHAT IS ENERGY MANAGEMENT?
ENERGY MANAGEMENT

What is it?

• Efficient use of energy
• Effective use of energy

i.e. Make rational use of energy to achieve your business objectives
ENERGY MANAGEMENT and My Business

- Reduction in energy costs leading to improved profitability
- Optimise energy resource monitoring and process outcomes
- Better competitiveness and reputation (branding asset)
- Develop resilience towards fluctuations in the energy market
ENERGY MANAGEMENT
and My People

Make employees feel proud to be part of a responsible organisation

Fostering interest of employees on energy conservation

Devise management strategies for energy monitoring
ENERGY MANAGEMENT and My Country

- Reduction of the country’s GHG emissions & protection of the environment
- Decrease the national energy requirement
- Promote sustainable business
- Improve data gathering and communication on energy matters
Energy Management in Practice

Monitoring is key

Know your energy assets and have relevant data ready when needed for decision-making.
# ENERGY MANAGEMENT in Practice

## Reading your electricity bill data

<table>
<thead>
<tr>
<th>Month</th>
<th>kWh used</th>
<th>kWh cost - Rs</th>
<th>Demand kVA</th>
<th>6-Month Max Demand kVA</th>
<th>Demand Cost - Rs</th>
<th>Power Factor</th>
<th>Excess Demand - kVA</th>
<th>Excess Cost - Rs</th>
<th>Total Cost - Rs</th>
</tr>
</thead>
<tbody>
<tr>
<td>Jan</td>
<td>52,080</td>
<td>319,771.20</td>
<td>213</td>
<td>220</td>
<td>40,920</td>
<td>0.80</td>
<td>24</td>
<td>1,944.00</td>
<td>363,065.20</td>
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<td>215</td>
<td>220</td>
<td>40,920</td>
<td>0.72</td>
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<td>390,718.80</td>
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<td>231</td>
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<td>0.70</td>
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<td>405,574.96</td>
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<tr>
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<td>311,420.80</td>
<td>222</td>
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<td>0.73</td>
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<tr>
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<td>0.69</td>
<td>54</td>
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</table>

**Monthly Average**

<table>
<thead>
<tr>
<th></th>
<th>kWh used</th>
<th>kWh cost - Rs</th>
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</tr>
</thead>
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</tbody>
</table>

**CEB Account Num:** 500017552

**Tariff:** 217

**Building Name:** Melrose Experiment Station

**Address:** Royal Rd, Melrose Place
Monitor your consumption over time

Observe trends in consumption

Identify energy saving opportunities
ENERGY MANAGEMENT

Taking small steps

Set up an Energy Management Committee

Make employees responsible and accountable

Reward Energy Champions

MAKE YOUR MANAGEMENT COMMITMENT VISIBLE
ENERGY MANAGEMENT
Going further

Go for ISO 50001
Certification
Any questions?
THANK YOU FOR YOUR ATTENTION

NOW CLAP YOUR HANDS!!