

ENERGY MANAGEMENT

Why you should care



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ENERGY MANAGEMENT

Ask the right questions

How it helps:

My Business

My People

My Country

How does it work

in practice

**WHAT IS ENERGY
MANAGEMENT**

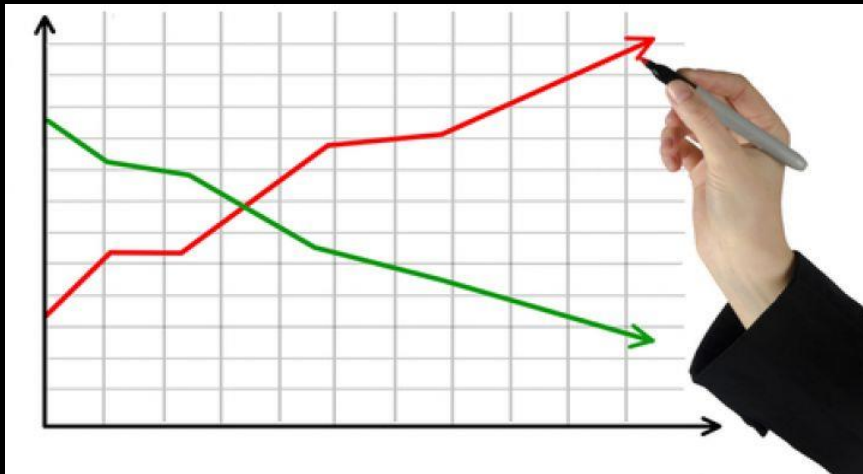
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ENERGY MANAGEMENT

What is it ?

- **Efficient use of energy**
- **Effective use of energy**



i.e. Make rational use of energy to achieve your business objectives

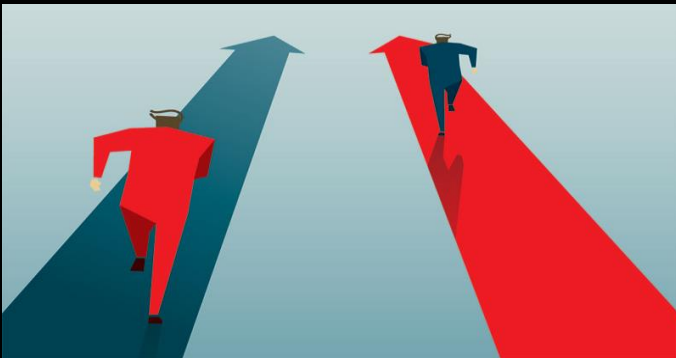
ENERGY MANAGEMENT and My Business



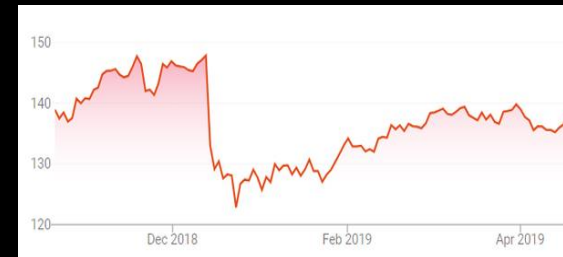
Reduction in energy costs leading to improved profitability



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

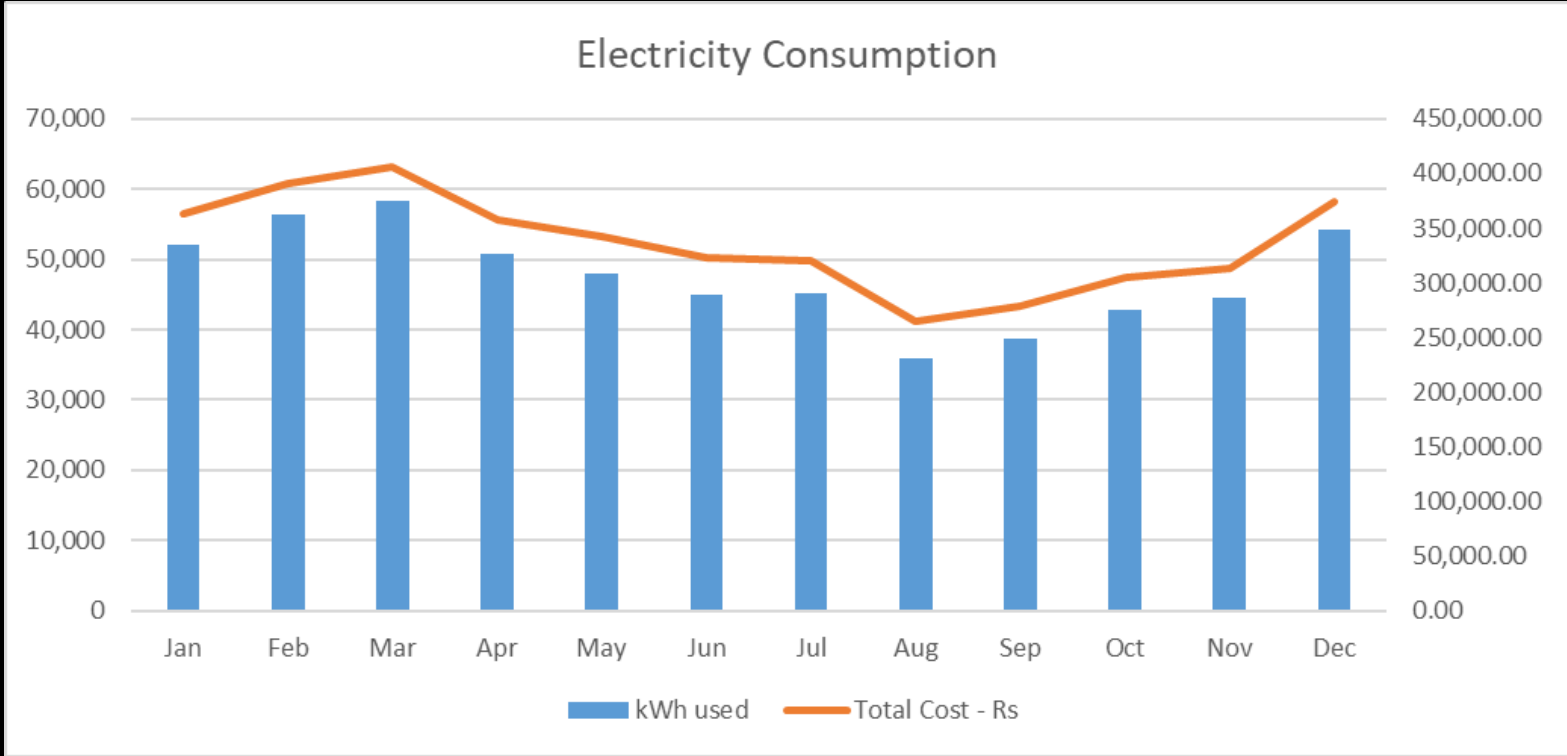


ENERGY MANAGEMENT in Practice

CEB Account Num:		500017552							
Tariff:		217							
Building Name:		Melrose Experiment Station							
Address:		Royal Rd, Melrose Place							
Month	kWh used	kWh cost - Rs	Demand kVA	6-Month Max Demand kVA	Demand Cost - Rs	Power Factor	Excess Demand - kVA	Excess Cost - Rs	Total Cost - Rs
Jan	52,080	319,771.20	213	220	40,920	0.80	24	1,944.00	363,065.20
Feb	56,320	345,804.80	215	220	40,920	0.72	44	3,564.00	390,718.80
Mar	58,314	358,047.96	231	231	42,966	0.70	51	4,131.00	405,574.96
Apr	50,720	311,420.80	222	231	42,966	0.73	43	3,483.00	358,299.80
May	47,920	294,228.80	220	231	42,966	0.69	54	4,374.00	341,998.80
Jun	44,960	276,054.40	203	231	42,966	0.75	39	3,159.00	322,609.40
Jul	45,120	277,036.80	205	231	42,966	0.90	0	0.00	320,432.80
Aug	36,000	221,040.00	198	231	42,966	0.91	0	0.00	264,436.00
Sep	38,640	237,249.60	199	222	41,292	0.92	0	0.00	278,971.60
Oct	42,880	263,283.20	208	220	40,920	0.93	0	0.00	304,633.20
Nov	44,480	273,107.20	211	211	39,246	0.94	0	0.00	312,783.20
Dec	54,240	333,033.60	221	221	41,106	0.92	0	0.00	374,569.60
TOTALS		3,510,078.36			502,200			20,655.00	4,038,093.36
Monthly Average		292,506.53			41,850				336,507.78

Reading your electricity bill data

ENERGY MANAGEMENT in Practice



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**





ENERGY MANAGEMENT

ANY
QUESTIONS
?

ENERGY MANAGEMENT

**THANK YOU FOR YOUR
ATTENTION**



NOW CLAP YOUR HANDS!!