

Barriers for energy Efficiency

Title:

Presentation too theoretical – not able to convince the plant personnel during the presentation

Category:

Presentation of results to the client

Summary:

During the presentations of the report to the plant, the convincing skills of the auditor will depend up on his practical approach rather than theoretical since in actual practice the practical skills are more important.

Back ground:

The practical approach of the auditor is most important and the plant personnel will get convinced if the auditor suggests the measures, which are realistic, more practical and implementable. At the same time the auditor should know about the concept behind the principle. But if you see the most of the auditor lack the practical approach since they may have not on the job experience to implement the measures. More over the auditor in their measures they will not consider the human involvement in implementing the measure

We can see some of the examples

- ☞ Switching of the idle transformers during idle operation (plant personnel feel that moisture will ingress in to the transformers and also frequent on and off of the transformer requires human attention)
- ☞ Switching of the Air condition units during non-occupancy times of the guests in the rooms. But the management feels that when the guest enters the rooms there should be required conditions of the temperature with in the rooms
- ☞ Stopping of water circulation through stand by units of heat exchangers for compressors, DG sets, etc. There will be strong opposition from the plant side since the standby units are used for the emergency application when the operating units are failed.
- ☞ Switching off the lights where no operation is carried out (but lights are used for security application)
- ☞ Very precise excess air control in boilers in coal fired or old boilers (may be in a range is possible but precise maintenance of excess air may not be possible)
- ☞ Star mode conversion in motors without considering the change in the loading pattern

There are so many measures where the practical aspects should be considered very carefully before suggesting the measures. Practical approach will help the auditor in assessing the realistic application of measure while theoretical concept will help in evaluating the technical feasibility.

Message learnt:

The auditor should have very practical approach while presenting the measures backed by the theoretical concepts.