



## Observation on technical paper issue # EE 15

Reflections of feedback on issue # 15. on comparative advertisement of compressor performance.

We have for the first time asked subscribers to respond to a presentation of Kirloskar for BEE/CEA concerning a national program for compressor replacement in old air conditioners and received 21 brief to exhaustive replies.

We are of course not surprised that most contributors argued that the compressor manufacturer painted a too rosy picture to his advantage. There is also absolutely nothing wrong with that. It happens every day in a market oriented economy. We will send all these replies to Kirloskar, because they will never get so much high quality analysis for free. We also commend Kirloskar for triggering such a discussion. Only the brave will survive!

The majority of contributors feel there is either no need to have such a programme or it does not make sense, or it will fail because of the complexity of implementation. Which answers our first question does such a programme make sense?

Our second question concerning the merit and realistic assumption of calculations in the published table, involved some work. Many felt that figures with regard to operating hours and power tariff were unrealistically high and need to be adjusted.

Mr. Y. S. Sachidananda provided the best inside view about that from Karnataka.

Concerning the approach in the table, a few mentioned that it should be based on different parameters such as Co-efficient of Performance (COP) or Energy Efficiency Ratio (EER). **Mr. Prabir Kumar Dey** from Assam put all these thoughts into a nice table and receives the first prize. Second prize to **Mr. M. T. Sambandam** who pointed out that more thoughts should be spend on the problem of mismatching components, and therefore making an inefficient air conditioner even more inefficient. He also developed a similar table as Mr. P. K. Dey. third prize goes to **Mr. Y. S. Sachidananda**

Fourth prize goes to **Mr. Mahendra Pratap Singh**, for his generic approach and fifth prize goes to **Mr. S. K. Sood** for pointing out a website which we did not know and his down to earth assessment of the practical barriers.

**Congratulations to the winners! Keep the good work.**