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Dear Readers



Rising energy costs are having an impact on the satellite industry as well. While the energy consumption of satellite receivers and other components has always been an issue, it is only recently that this topic has moved to the centre of attention. Scarce resources and increasing costs are the major contributing factors for that. If you want to keep your energy bill at bay we have a solution for you: watch less satellite TV!

There is, however, an alternative which sounds a lot better: keep watching but at half the price – simply by using devices that consume less power. While the first solution is in our hands, the alternative is the manufacturer's business. Many of them have already realised that potential and have started to introduce low-energy receivers and devices.

Of course we at TELE-satellite are following this development very closely. From the current issue onward we will also publish the so-called TELE-satellite Energy Award, which describes the power factor. The closer it is to the value 1, the better. While the power factor does not indicate whether a device consumes little or much power, it does

describe how efficient power is being used. After all, a PVR with integrated hard disk will always use more power than a simple set top box without any extras. If the power factor is high this means that energy is used very efficiently rather than being wasted.

The power factor is rated between 0 and 1. In actual fact a power factor of 1 can only be reached in theory. Realistic figures usually lie between 0.5 and 0.6. In this issue, TELE-satellite author Jacek Pawlowski explains in more detail all you need to know about the power factor and how it is calculated. You'll find out that it's not enough to only measure energy consumption with an ampere meter. But that's what TELE-satellite is here for – looking beyond the headlines!

**Yours,
Alexander Wiese**

P.S.: My favourite radio station this month is BG Radio from Bulgaria on THOR 3 at 359.2° East (0.8° West), 12.169 H, playing contemporary music without a lot of talk.

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