

Dear MSEDCL Consumers,

**MSEDCL has revised Electrical Power Tariff effective 1<sup>st</sup> September 2018.**

*Has your Power Factor Incentive reduced partly or completely?*

*Or*

*Has the PF incentive available earlier turned to PF penalty without you having done any change in your Capacitor Installation?*



All consumers are facing either one of the above issues.

We provide immediate solutions to these problems by upgrading your Capacitor Installation.

**As per revised Electrical Power Tariff Structure**

Consumers will be adversely affected if Reactive Power Management Systems are not corrected. Most of the consumers who were availing Unity Power Factor incentive were doing so with varying amounts of overcompensation either with fixed capacitors or by coarse auto correction. This is no more possible with revised Tariff Structure which calls for close monitoring of Leading Power Factor.

Comparisons of some typical previous Bills and New Bills as per Revised Tariff without corrective measures reveal minor overcompensation to extreme levels of overcompensation.

| Old Tariff        | New Tariff       |             |                 |
|-------------------|------------------|-------------|-----------------|
| PF 1 Incentive 7% | PF 0.833 Lead    | Penalty 4%  | Rice Mill       |
| PF 1 Incentive 7% | PF 0.996 Leading | Incentive 0 | Steel & Iron    |
| PF 1 Incentive 7% | PF 0.206 Leading | Penalty 35% | Food Processing |

**Main Points of New Tariff Structure**

- Power Factor Incentive of 7% for Billed Power Factor of Unity has been reduced to 3.5%.
- The PF incentive available earlier to PF between .96 lead to Unity has been withdrawn
- PF Penalty has been introduced for Average Monthly Leading PF below 0.9 Lead
- The PF penalty was applicable earlier only to Average Monthly Lagging PF below 0.9 Lag
- Recording of Leading RKVAH units has been introduced to assess extent of overcompensation.
- Earlier improvement of PF with any amount of overcompensation was permitted and full incentive was made available to consumers irrespective of extent of overcompensation. Recording of Leading RKVAH units disallows this.
- When Lagging RKVAH units only were being recorded overcompensation remained unnoticed.

**We in collaboration with FRAKO Germany are a leading player in the field of Reactive Power and Power Quality with large number of installations in all sectors of industry both in India and overseas with a large respected client base. We are geared up to offer complete solution within one billing cycle. Contact for your requirements.**

**For more insight into the subject, please contact on 7719996868/9175106355**