

Expensive Production losses due to insufficient power supply

Insufficient power supply? Who cares?

Reliability and consistency of electricity supply is one of the most important conditions for the activities of industrial and service companies. Problems originating from poor and insufficient Power Quality include interruptions, dips or harmonic pollution.

According to Leonardo Energy organization the financial losses due to poor Power Quality amount to a total of €150 billion annually in the EU-25. And its impact in the rest of the world is in the same order of magnitude.

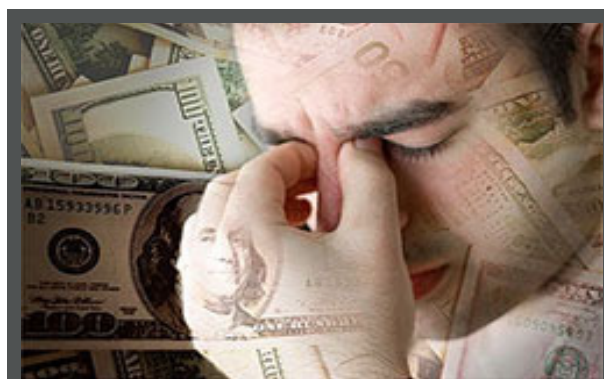
Others???

- \$100+ billion in losses per year – Just in the U.S.
- Financial impact – Scrap, equipment damage, etc.
- Operational impact – Downtime, critical shipments, etc.

Consequences

The ideal state of a load would have a constant magnitude and frequency voltage waveform. The consequences of poor Power Quality include:

- Unexpected power supply failures
- Equipment failure or malfunctioning
- Equipment overheating (transformers, motors ...)
- Electronic communication interferences.
- Increase of system losses.
- Need to oversize installations to cope with additional electrical stress with consequential increase of installation and running costs and associated higher carbon footprint.
- Penalties imposed by utilities
- Connection refusal of new sites because the site would pollute the supply network too much



Power Quality = Financial Problem



CALL US FOR MORE INFORMATION



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