

*smart meter, load management,
overloading the power system*

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LOAD MANAGEMENT VIA AMI AND RISK OF OVERLOADING THE POWER SYSTEM

One advantage of AMI is the ability to Demand Side Management. The ability to control the client devices (Load management) is one of the key function of AMI. Some customers with smart meters and Time-of-Use (TOU) tariffs pay different amounts for their electricity over three (or two) different time periods. They can program their smart appliances. Customer's devices are switched-on when energy is cheaper, and switched-off when it is more expensive. If clients on a massive scale will run their devices at a time when energy is cheaper, then it would affect the bulk electric grid.

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