



Elevator pitch

Intelligent Demand Response Technology- iDR from EUPMS thrive a fully tailored electric load shape profile that continuously monitors and optimizes the electrical demand in any facility on a 24/7 - real-time, automated process, fully synchronized with utilities Smart Meter. The actual power demand is permanently supervised by the Terawatt System algorithm interfacing designated loads (selected interfaced equipment) during the integration cycle (any type), optimizing the coefficient of simultaneity on power demand thus reducing the load and consumption in itemized, valorized for any rate, detailed performance tracking reporting for either regulated or deregulated electricity markets.

The **iDR** Technology respects facility's design intent and does not impact equipment integrity. Energy conservation events resulting from load's optimization are previously tailored using proprietary software that considers equipment individual characteristics and manufacturer technical specifications, therefore guaranteeing the designated optimization tasks are in full compliance with facility performance requirements and equipment integrity. Remote access allows data management and fine-tuning.

A guaranteed and proven technology, allowing systematic peak demand (kW) and consumption (kWh) reduction on a 24/7 fully automated, algorithmically independent sequence process (i.e. any type of chillers, rooftop units, air handlers and any motors equipped with variable frequency drives, electric kitchen equipment, rotary air compressors, electric boilers, electric heaters, etc.) thus adjusting consumption to an optimized, lower load profile. A cost-effective energy conservation solution eligible for most rebate programs, usually with a pay-back below one year.