

Energy & Demand

Management

Technology Platform for Energy & Demand Management

Airixa Energy & Demand Management

With companies across commercial and industrial sectors looking for ways to reduce their environmental footprint and improve operating efficiency, Process Solutions developed the Airixa technology platform to provide a modern solution for facility-wide monitoring and control of energy consumption and demand. With a suite of energy conservation and load reduction features, Airixa can coordinate the operation of all system components and energy loads to help companies run their systems at optimal efficiency; reducing their utility bills and associated demand charges by up to 10-40% without sacrificing production performance.



Improve operational efficiency and reduce energy consumption



Lower your utility bills and create lasting returns on investment

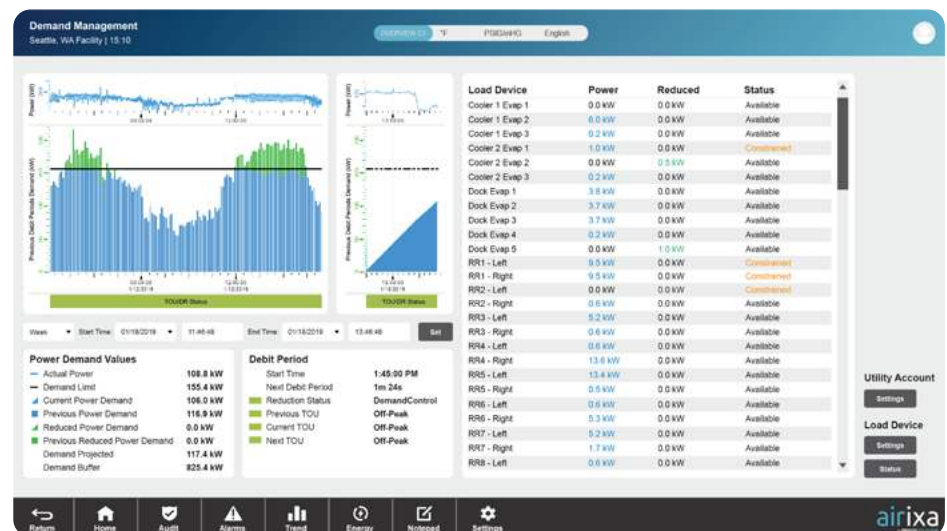


Generate additional revenue with utility rebates and incentives

Airixa can help companies reduce their
utility bill & associated demand charges by
10-40%

Reduce Consumption & Generate Revenue with Demand Response

For companies wanting to reduce their overall energy consumption without also reducing production or system performance, Airixa can automatically detect which pieces of equipment are not critical to current operations and lower their energy use settings.



Through sophisticated load reduction capabilities, such as equipment start-up sequencing, user-selected load reduction priorities, adaptive power demand limits, and load shifting algorithms, Airixa can also help prevent energy demand spikes during peak periods when utility rates are highest. Many companies that implement demand response can even generate additional revenue through incentives offered by utility providers in certain regions within the United States.



Remote Access & Multi-User Authentication

Airixa Energy & Demand Management

As many facilities have multiple locations and operate 24/7, Airixa needs to be accessible to users from anywhere and at all times. To ensure a high level of availability, Airixa provides remote access to live data through native iOS and Android applications. Airixa is also accessible via web browser from any internet-capable device and includes simultaneous multi-user access with authentication for security and permissions-based operation.

Efficiency Features:

- + Demand Control - Reduce peak demand charges.
- + Demand response - Generate revenue through utility incentives.
- + Adaptive demand limits (setpoint learning).
- + User-selected load reduction priorities.
- + Dynamic operation priorities based on production metrics and constraints.
- + Equipment start-up sequencing.
- + Detailed energy, demand, and reduction monitoring of individual loads.
- + Available load sub-metering.
- + Support for multiple utility accounts within one facility.
- + Solar and wind generation tracking.

Utility Account Reports & Renewable Energy Metrics

To provide companies insights into their energy consumption, such as what is consuming the most energy and how individual loads contribute to peak energy demands, Airixa can connect to multiple data sources, including industrial equipment and utility

meters, to collect real-time energy use data. Additionally, Airixa's utility account reports can also provide renewable energy metrics, such as how much energy has been generated, consumed, and saved by using renewable energy sources.

