

Voltage as a Service (VAAS) benefits

Voltage as a Service (VAAS)TM is an energy-saving service solution for regulating and optimizing the voltage supplied to electrical equipment to the optimal level for efficient operation. The purpose of VAAS is to reduce energy consumption, lower electricity bills, and decrease carbon emissions by ensuring that electrical devices operate at their most efficient voltage level.

What are the benefits of Voltage as a Service (VAAS)TM

Voltage as a Service (VAAS) may be used in a wide range of Commercial and Industrial facilities.

Primary outcomes

- Improved energy efficiency
- Energy cost reduction
- Net Zero attainment
- Reduced Carbon footprint
- Enhanced asset life
- ESG action and reporting

Secondary outcomes

- No capital investment requirement
- Off balance sheet solution
- Real time cloud dashboard
- Reduced maximum demand
- Improved power factor
- Reduction in Harmonics and THD
- Surge protection

Externalities

Indirectly, Government and grid network operators are concerned about increased penetration of distributed Solar PV generation and also trends to further electrification. These are impacting on network capacity and also significant additional investment. VAAS can reduce these pressures, resulting in a significant economic externality.

VAAS addresses key pain points inhibiting businesses moving more rapidly to Net Zero Energy:

- Rising electricity tariffs
- Increased electrification leading to increased electrical energy usage
- Achieving more energy reduction when exhausted other energy efficiency means
- Limited capital to invest in additional sustainability measures
- Lack of internal expertise and human resources to drive additional sustainability measures

VAAS managed services eliminate a wide range of complexities, including asset financing, specification, design, engineering, manufacturing, supply, installation, commissioning, and whole of life maintenance. These are all the responsibility of VAASCO, and delivered as a total service.

In summary, VAAS provides the right voltage to electrical equipment, ensuring efficiency, cost savings, and environmental benefits while maintaining equipment performance and longevity.

For further information, contact us at sales@vaasco.net

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