Guide to Metering Systems: Specification, Installation and Use (Iet Standards)

Vic Tuffen
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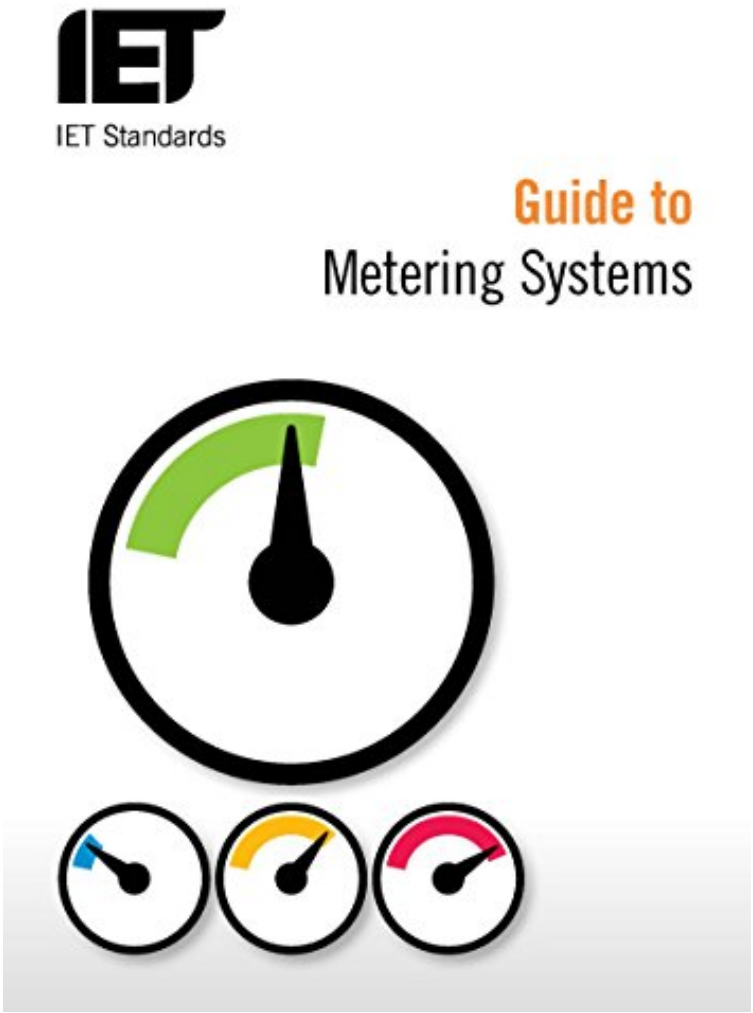

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Vic Tuffen : Guide to Metering Systems: Specification, Installation and Use (Iet Standards) before purchasing it in order to gage whether or not it would be worth my time, and all praised Guide to Metering Systems: Specification, Installation and Use (Iet Standards):

Metering systems are a key technology for the management of energy and environment services, and for cost allocation and resource efficiency of systems and subsystems in industrial, commercial and SME applications. Good

practice in the application of metering is fundamental to successful regulatory compliance, operational resource efficiency and cost saving. This entails appropriate design, specification, installation and integration of metering systems as well as suitable management oversight and responsibility.Metering provides the technical underpinning for the measurement of energy and utility services, and provides a key information source for organizations looking to apply cost saving, performance improvement and/or energy management activities at a plant, building or site level. Appropriate use of metering can therefore support asset owners/system operators as part of an overall asset management system.However, common issues can adversely affect the application of metering systems, including:* awareness of the purpose of metering (what needs to be managed?)* understanding the meaning of meter data/meter readings (what needs to be measured?)* ensuring fit-for-purpose meter system implementation (how to specify, install and use as appropriate)These issues could in turn prejudice the justification and success of follow-up cost saving, performance improvement or energy management activities.The guide details the key steps in applying metering systems from design and specification, to technology selection, installation and commissioning, and finally operation and maintenance along with integration of metering data into reporting/management systems, to support identification of cost saving, energy management and resource efficiency measures.Checklists for metering of key services (such as electricity, gas, water, heat) are also provided to support organizational policies, practices and procedures.Key benefits of the guide:* Outlines the role of metering within energy and environment management systems and resource efficiency strategies* Highlights key process stages in the application of fit-for-purpose metering within the context of overall management systems* Provides insight into end use of meter data and key technical steps to enable safe and effective metering systems

About the AuthorThe Institution of Engineering and Technology