

As the penetration level of embedded generation in the electricity distribution network rises, network operators' need for real time and geographically accurate information about the Low Voltage (LV) network increases. Smart meters and network monitors are the main providers of Smart data to the network operators. However, the Smart data need to be presented to the users in meaningful ways, that are helpful, relevant, and accurate. This paper proposes a model that identifies the granularity of data required by network operators and the best ways in which the Smart data need to be visualized in order to enhance network operation applications such as network planning, asset management, and fault management, leading to smarter grid operation.

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