



CESC's GIS Based Consumer Indexing

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Abstract:

CESC Limited being a private electrical utility company is in the process of implementing a GIS based LT Consumer Indexing Project to manage the network efficiently and provide quality service. The EHT/HT Network was commissioned in GIS by 1992; however, the landbase was based on the SOI Topo Sheets purchased by the Company in the 1940s. The GIS implementation of the EHT/HT network was of a very basic nature. In 2007 the Company launched the GIS Based Consumer Indexing Project in which the aim was to prepare a proper land base, digitise the LT electrical network thereon, link with other Systems for monitoring the network, provide web-browser viewing facility and incorporate the last mile connection of a consumer. The objective is to create an efficient tool, which in conjunction with OMS, CRM and other in-house software will immediately make an impact to the line managers by providing them with the up-to-date status of the network relating to any type of outage for them to function and take corrective measures efficiently.