

IBC and CHC White Paper Proposal

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“Power over Ethernet (POE) in commercial and multiple dwelling residential buildings”

This report aims to understand how Power over Ethernet(PoE) supported by Digital Electricity has the ability to transform electrical distribution as we know it in connected commercial and multiple dwelling residential buildings. Digital buildings are not only focused on data distribution but also how we're able to monitor and distribute power throughout building infrastructure. Advances from traditional AC power sources to low voltage and digital electricity reduces currently required infrastructure costs, capital expenditures and operating expenses which can prohibit the client from achieving a fully connected commercial and multiple dwelling residential buildings. Connected digital building systems are expanding from IP telephones and security camera networks to converging applications including lighting, HVAC, sensors, alarm systems and window coverings.

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