

S1-09 “Overview on status of Technologies for Distributed Power”

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Abstract

This paper explores how distributed resources differ fundamentally from the traditional model of central generation and delivery. Today, distributed resources are emerging as a promising new electrical power infrastructure primarily because of three independent trends: (1) utility industry restructuring, (2) increasing system capacity needs, and (3) technology advancements. Currently, and perhaps for years to come, distributed resources will be economically viable in only certain niche markets where only their full value proposition can be realized. These niche markets, although initially small, may be large enough to provide entry markets for developers and provide a foundation for the new distributed resource industry to grow.