

Principles of a centralized UFLS scheme for small isolated power systems

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Abstract-

This paper presents the principles of a centralized underfrequency load-shedding (UFLS) scheme based on a frequency stability boundary curve suitable for small isolated power systems. The centralized UFLS scheme is illustrated in case of two small isolated Spanish power systems.

Index Terms- Frequency stability, load shedding, power system protection.

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Citation:

Sigríst, L.; Egido, I.; Rouco, L. "Principles of a centralized UFLS scheme for small isolated power systems", IEEE Transactions on Power Systems, vol.28, no.2, pp.1779-1786, May, 2013.