

## 电力市场

### 基于长期边际成本的不同电压等级输配电价定价模型及其应用

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#### 摘要:

建立输配电价的合理、有效形成机制, 关系到国民经济的发展和社会的稳定。文章简要分析了边际成本定价方法的特点, 根据平均增量成本方法、边际成本定价方法和区分电压等级的成本分摊原理, 建立了高峰增量负荷计算模型及长期边际成本计算和分摊模型, 并对A地电网长期边际成本进行了测算。计算研究表明, 边际成本的定价方法有利于消除交叉补贴, 使各类、各电压等级用户承担的电价更公平合理。

**关键词:** 输配电价 长期边际成本 平均增量成本 电压等级 分摊

### A Long-Term Marginal Cost Based Transmission and Distribution Pricing Model for Power Transmission and Distribution in Various Voltage Classes and Its Application

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#### Abstract:

The establishment of a reasonable and efficient mechanism on transmission and distribution price is definitely related to the development of national economy and social stability. This paper analysed the characteristics of marginal cost pricing in brief. A calculation model for peak increment load and a long-term marginal cost calculation and allocation model are established based on the theories of average increment cost, marginal cost pricing and cost-sharing principle with Different Voltages. An example of the long-term marginal cost in A region is given in this paper. The results show that marginal cost pricing method is good for eliminate cross-subsidies and make Users of all types and all voltage levels take a more Fair and reasonable tariff.

**Keywords:** transmission and distribution price long-term marginal cost average increment cost voltage classes allocation

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