

工业用电客户信用综合评价指标体系的构建方法

瞿 斌, 李存斌, 田惠英

华北电力大学 工商管理学院, 北京市 昌平区 102206

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摘要

首先从导向性、综合性、易操作性和可比性等原则出发构建了一套完整可行的工业用电客户信用综合评价指标体系, 并在此基础上利用表现度函数对定性指标和定量指标进行了预处理, 使得预处理后的结果更加符合实际情况。然后采用模糊一致互补判断矩阵来计算指标的权重, 从而简便地解决了判断矩阵的一致性问题的。最后从模式识别的角度出发提出了工业用电客户信用综合评价方法, 实例结果表明了该方法的有效性。

关键词 [工业用电客户; 信用; 模式识别; 综合评价](#)

分类号

Construction and Methodology of Comprehensive Evaluation System for Credit of Industrial Electricity Customers

QU Bin, LI Cun-bin, TIAN Hui-ying

School of Business Administration, North China Electric Power University, Changping District, Beijing 102206, China

Abstract

Based on the principles of guidableness, comprehensiveness, operability and comparability, at first a complete and feasible comprehensive index system to evaluate the credit of industrial electricity customers is constructed. On this basis by use of expressivity function the qualitative and quantitative indices are preprocessed, thus the preprocessed standardized results can meet the demand of actual conditions better. Then the weights of indices are calculated by fuzzy consistent reciprocal judgment matrix, thereby the consistency of judgment matrix is settled simply and conveniently. Finally, from the viewpoint of pattern recognition a comprehensive evaluation method for credit of industrial electricity customers is proposed. Case study results show that the proposed method is efficient.

Key words [industrial electricity customer; credit; pattern recognition; comprehensive evaluation](#)

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通讯作者

作者个人主页 [瞿 斌; 李存斌; 田惠英](#)

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