

构建生物质发电项目模糊综合评价体系的研究 Research on Building Fuzzy Synthetic Evaluation System of Biomass Power Generation

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摘要: 生物质发电项目是我国近几年兴建较多的新能源项目,随着兴建、在建、运营的项目增多,构建一个此类项目的评价体系对于其评估批准兴建、运营管理有现实意义。以模糊评价方法为主,结合层次分析法构建了生物质发电项目的评价体系,并利用实例进行了检验、修正。结果证明该评价体系能够对生物质发电项目进行评价,结论正确。该评价体系构建对生物质发电项目兴建、运营管理决策起到有益作用。 As a new energy project in recent years, biomass power generation is playing a significant role in social and economic life. Recent years, more and more biomass generation projects have been approved, however, some of them are suspending and some are suffering from running troubles. So, it's very important to build an evaluation system for running and managing such projects. An evaluation system based on the fuzzy synthetic evaluation approach and AHP methods was established in this work, which had been testified effective in practical applications and can be taken as an advisable example of starting and running biomass power generation projects.

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