

太陽能產業應用企業資源規劃之重要性

劉光泰, 阮碧華

工業管理學系

管理學院

kuliu@chu.edu.tw

摘要

February 16, 2005, the Kyoto Protocol on greenhouse gas emissions of developed countries into the quantitative restrictions, the use of oil caused by the carbon dioxide emissions of global warming, climate change threatens the survival of mankind, affecting many countries into the solar industry, solar low-emission, no noise safe renewable energy power systems, high-cost countries in the world fully into the development. Enterprise resource planning is the corporate finance, accounting, production, Materials Management, Quality Management, Sales and Distribution, Human Resources tube management and other functions of the job flow process to be integrated, the formation of an inter-departmental, inter-regional information sharing system, In this study, to explore the solar energy industry into enterprise resource planning, assessment of the production module, sales module, human resource module, research & design module, financial module, to assess the effects of the solar energy industry experts and scholars with the Analytic Hierarchy Process import the key elements of enterprise resource planning. The study found that: the financial modules of the first-level assessment of the main criteria for the AHP expert attention first, the solar energy industry is the most important key factor is the financial, followed by the research & design module, production module, sales module, human resource module.

關鍵字 : Solar energy, Enterprise resource planning, Analytic Hierarchy Process