

The Research of A Digital Navigation for Photovoltaic Systems

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ABSTRACT

The application of photovoltaic (PV) energy system is very popular. It becomes more important if the energy source such as oil is exhausted day by day. The characteristic of solar cells is heavily influenced by the climate and environment. Therefore, the power control and management algorithm is very important. In this paper, a smart power management design for the PV energy system is investigated. The whole system together with load situation will be monitored and managed by the algorithm proposed in this paper. We convince that system will have significant contributions.

Keywords : Photovoltaic Power System ; Energy Management System

Table of Contents

封面內頁 簽名頁 授權書 iii 中文摘要 iv 英文摘要 v 誌謝 vi 目錄 vii 圖目錄 ix 第一章 緒論 1 1.1 研究動機 1 1.2 系統架構 2 1.3 論文結構 2 第二章 再生能源應用 4 2.1 各式能源探討 4 2.2 發電系統之影響 7 2.3 太陽能原理 9 第三章 太陽光電力系統 13 3.1 太陽光電發電 13 3.2 系統架構 16 3.3 太陽光電池光電轉換原理 17 3.4 太陽光電池種類 22 3.5 太陽能的儲存 24 第四章 電能監控系統 28 4.1 電能監控 30 4.2 何謂嵌入式系統 31 4.3 嵌入式系統的分類 31 4.4 電能管理系統 33 4.4.1 電池充電電路 33 4.4.2 電能偵測電路 36 4.5 通信系統 41 第五章 結論及展望 48 參考文獻 50

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