

Benchmarking Study of GHG Reduction Strategy for International Electric and Steel Industries

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ABSTRACT

Great environmental topic paid attention to generation that the gas topic of the greenhouse has been general already in recent years, although our country is not contracting party of a climatic change outline convention of the United Nations, but of our country greenhouse gas total emission, greenhouse gas per capita emission and national product hair volume GDP occupy world 25 heavy all, and energy greenhouse gas emission occupy the 22nd place in the world also, passing one year a lot of transnational enterprise already stipulate all kinds of because of in conformity with the gas tactics of the greenhouse one after another, the government unit is also making ' gas decrement law of the greenhouse (draft) actively ' promote it in the gas decrement activity of relevant greenhouses. The country is in this wave of gas and decrement tide of greenhouse, industries of standing in the breach are such highly energy-consuming industries as a steel industry,etc., research this through collect international electricity industry and steel industry every because of grind analysing in conformity with the greenhouse gas decrement tactics, carry on the contrast of the model to study, and draft this research questionnaire after contrasting through the model. With statistical analysis and important thereafter - the application of the analytic approach of the performance, probe into domestic electricity industry and steel industry their greenhouse gas control measures, decrement of topic and because of in conformity with the strategy, and according to put forward analysis result every industry the short, of, the long-term to can adopt by decrement technology and management tactics suggestion of conduct. A.Probe into and analysis result this research, can sum up the following conclusion: B.International electricity industry person their because of in conformity with the greenhouse gas decrement tactics, the majority is it is it improve to go on by the energy supply of the source to adopt, promote low carbon or even zero carbon energy generate electricity for the main fact; Except for developing and popularizing the equipment with high capacity and efficiency,and positive for participation Kyoto mechanism in order to because of developing into trend in conformity with greenhouse decrement tactics. C.Because the development for many years of international iron company, make the tactics of its technological aspect comparatively perfect, and the carrying out rate is high on retrieving and utilizing to slag and flying dust again; But every iron company it because of in conformity with greenhouse development trend, decrement of tactics in the past few years successively, focus on carbon isolate and substitute for the chain of command and discharge transaction and is it change surface to support all. D.Near Japan of our country, electricity industry and steel industry because of carry out the degree in conformity with the gas tactics information of the greenhouse every announced externally its, behave excellent all, and person who engage in in Japan is it make suitable Chinese and tactics of particularity this to book all, deserve working out because of joining adopting when the decrement tactics practice of the greenhouse in the electricity industry and steel of our country industry. E.Show on greenhouse gas topic six heavy importance - performance analysis results to construct surface, in order to make power-saving technology Cheng fall in one quadrant having priority ranging of improving etc., it is the electricity industry and steel industry that should have priority to assess the literary co mposition surface improved. The electricity industry and steel industry of our country are drafting the short distance because of in conformity with the gas decrement tactics of the greenhouse in the future, can have priority to adopt the tactics that the technological decrement of the conduct faces, interrogating and examine and relevant demonstration projects of decrement which the government unit promotes in participating country and training greenhouse gas management and decrement inside the company to specialize in personnel etc.; The direction of the tactics of long Cheng in China is the international decrement activity, in compliance with cleaning development mechanism (CDM) Or voluntary carbon standard (VCS) Information or participating in or not as overseas enterprise it carry on by exchange of technology d ecrement.

Keywords : GHG,GHG Reduction Strategy,electricity industry, ; steel industry

Table of Contents

總目錄 封面 簽名頁 ii 授權書 iii 中文摘要 iv Abstract vi 誌謝 ix 總目錄 x 圖目錄 xiv 表目錄 xx 第一章 緒論 1 1.1研究背景 2 1.2研究動機 3 1.3研究目的 5 第二章 文獻回顧 6 2.1溫室氣體對於國際產業之衝擊 6 2.1.1國際間工業部門節能與溫室氣體減量策略 7 2.2國際間各行業因應溫室氣體之現況 11 2.2.1全球變遷中心(Pew Center for Global Climate Change) 溫室氣體減量活動現況 12 2.2.2全球前500大企業永續報告書揭露溫室氣體減量議題因應策略之現況 21 2.3各國際電力部門組織因應溫室

氣體議題之減量策略 42 2.3.1美國電力部門減量政策與策略 42 2.3.2英國電力部門減量政策與策略 43 2.3.3澳洲電力部門減量政策與策 45 2.3.4日本電力部門減量政策與策略 47 2.3.5韓國電力部門減量政策與策略 47 2.3.6綜合國際電力部門減量政策與策略分析 48 2.4國際鋼鐵產業相關組織因應溫室氣體議題之減量策略 49 2.4.1國際鋼鐵協會(IISI)對於全球暖化之看法與因應對策 50 2.4.2日本鐵鋼聯盟對於全球暖化之看法與因應對策 58 2.5國際電力業因應溫室氣體減量之管制策略研析 72 2.5.1日本東京電力公司 73 2.5.2日本關西電力公司 80 2.5.3韓國KEPCO電力公司 87 2.5.4英國British能源公司 90 2.5.5美國AEP電力公司 92 2.5.6台灣電力公司 95 2.5.7國際電力業綜合比較分析 97 2.6國際鋼鐵業因應溫室氣體減量之管制策略研析 100 2.6.1日本Nippon Steel公司 101 2.6.2日本JFE鋼鐵公司 113 2.6.3韓國POSCO鋼鐵公司 120 2.6.4英國Corus鋼鐵公司 127 2.6.5美國NUCOR公司 130 2.6.6中國鋼鐵公司 131 2.6.7國際鋼鐵業綜合比較分析 133 2.7國際電力業及鋼鐵業因應溫室氣體減量策略文獻回顧 136 第三章 理論架構與研究方法 142 3.1研究架構與流程 142 3.2研究對象 144 3.3 研究方法理論 145 3.3.1文獻分析法 145 3.3.2 SPSS統計分析法 146 3.3.3重要-績效分析法 148 3.4 問卷設計 150 第四章 問卷調查與結果分析 152 4.1產業問卷基本分析 152 4.1.1廠商基本資料分析 153 4.2企業對於溫室氣體議題之管理與認知現況 157 4.2.1溫室氣體管理現況 157 4.2.2溫室氣體盤查與推估現況 170 4.2.3針對溫室氣體減量法(草案)要求之看法 187 4.3企業因應溫室氣體議題之減量策略 195 4.3.1電力業因應氣候議題減量策略之分析 195 4.3.2鋼鐵業因應氣候議題減量策略之分析 199 4.4企業因應溫室氣體議題之減量策略分析與討論 206 4.4.1電力業因應氣候議題減量策略之等級評估 207 4.4.2鋼鐵業因應氣候議題減量策略之等級評估 210 第五章 結論與建議 222 5.1結論 222 5.2建議 225 5.2.1對政府部門之建議 226 5.2.2對產業之建議 227 參考文獻 228 附件A 電力業因應溫室氣體之管理現況與因應策略調查問卷 232 附件B 一貫式煉鋼鋼鐵業因應溫室氣體之管理現況與因應策略調查問卷 243 附件C 電弧爐煉鋼鋼鐵業因應溫室氣體之管理現況與因應策略調查問卷 252

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