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""Appendix E: Program Authorizations and Appropriations FY 2000-2010""; ""Appendix F: Project Summary Table""

Sommario/riassunto

"Natural gas, composed mostly of methane, is the cleanest of all the fossil fuels, emitting 25-50% less carbon dioxide than either oil or coal for each unit of energy produced. In recent years, natural gas supplied approximately 20-25% of all energy consumed in the United States. Methane hydrate is a potentially enormous and as yet untapped source of methane. The Department of Energy's Methane Hydrate Research and Development Program has been tasked since 2000 to implement and coordinate a national methane hydrate research effort to stimulate the development of knowledge and technology necessary for commercial production of methane from methane hydrate in a safe and environmentally responsible way. Realizing the Energy Potential of Methane Hydrate for the United States evaluates the program's research projects and management processes since its congressional re-authorization in 2005, and presents recommendations for its future research and development initiatives."--Publisher's description.