

Clean Coal Using Coal Bed Methane: A Pollution Control Mechanism

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Abstract : Energy from coal is one of the major source of energy throughout the world but taking into consideration its effect on environment 'Clean Coal Technologies' (CCT) came into existence. In this paper we have we studied why CCT's are essential and what are the different types of CCT's. Also, the coal and CCT scenario in India is introduced. Coal Bed Methane one of major CCT area is studied in detail. Different types of coal bed methane and its methods of extraction are discussed. The different problem areas during the extraction of CBM are identified and discussed. How CBM can be used as a fuel for future is also discussed.

Keywords : CBM (coal bed methane), CCS (carbon capture and storage), CCT (clean coal technology), CMM (coal mining methane)

Conference Title : ICEESEP 2018 : International Conference on Energy Efficiency and Sustainable Energy Policy

Conference Location : Rome, Italy

Conference Dates : March 05-06, 2018