



Geological Survey Water-Supply Paper Volume 1461

By -

RareBooksClub. Paperback. Book Condition: New. This item is printed on demand. Paperback. 74 pages. Original publisher: Washington : U. S. G. P. O. , 2010. LC Number: KF26 . E55 2010I OCLC Number: (OCoLC)700012864 Subject: Carbon sequestration -- Law and legislation -- United States. Excerpt: . . . 11 tive of the program is to support development of critical enabling components that provide cross cutting benefits across the entire coal research program. Example developments that are being pursued include high temperature materials for ultra-supercritical plants, enabling efficiency increases up to 3 percentage points for coal-fired plants, revolutionary sensors and controls, and advanced computing visualization techniques. The Advanced Research Program will continue to push revolutionary advances in efficiency improvements, computational analyses and projects aimed at a greater understanding of the physical, chemical, and thermo-dynamic barriers that currently limit the use of coal and other fossil fuels. Additionally in FY 2011, a multi-lab partnership will be initiated to develop a comprehensive, integrated suite of computational models for accelerating the development of carbon capture technologies. The scientific underpinnings of the suite of models will ensure that learning from successive generations of a technology or learning from even competing technologies is maximized. The simulation-based...



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