



DOWNLOAD



Prospects for Early Deployment of Power Plants Employing Carbon Capture

By Science Applications International

CreateSpace Independent Publishing Platform. Paperback.

Book Condition: New. This item is printed on demand.

Paperback. 34 pages. Dimensions: 11.0in. x 8.5in. x

0.1in. Stabilization of atmospheric concentration of greenhouse gases, of which CO₂ is the most important, at a level that would prevent dangerous anthropogenic interference with the climate system is a widely accepted policy goal. When concerted actions start to be taken to achieve this goal, fossil generating stations, as large point sources of CO₂, may be required to make disproportionately large emission reductions because doing so will be cost effective. At present natural gas combined cycle (NGCC) is the technology of choice for providing new electric generating capacity in the U. S. for reasons that include environmental performance, thermal efficiency, high availability compared to renewables, and relatively low capital cost. Relatively low specific carbon emissions (kg C or kg CO₂/kWh) compared to coal generators is another attraction of NGCC. Yet NGCC cannot be the only response of the electric power industry to the challenge of global warming even if affordable supplies of natural gas were assured into the indefinite future. Climate modelers estimate that upwards of 60% reduction in greenhouse gas emissions from current levels will be needed...



READ ONLINE

[4.7 MB]

Reviews

Absolutely essential study pdf. It is written in basic words and phrases rather than hard to understand. I am just happy to tell you that this is basically the finest pdf I actually have studied during my personal lifestyle and can be the very best publication for actually.

-- **Shyanne Senger**

Comprehensive information! It's this sort of great go through. It really is really interesting through studying time. I am just quickly can get a satisfaction of looking at a created pdf.

-- **Alexandra Weissnat**