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| |  |  |  |  |  | | --- | --- | --- | --- | --- | | |  |  | | --- | --- | | |  | | --- | | **Announcement Free Access: NEW IEA CLEAN COAL CENTRE REPORT**  **As a resident of the U.S., which is an IEACCC member country, you can download the reports for free from the U.S. Energy Association website:**[www.usea.org/report-groups/iea-reports](http://usea.us4.list-manage1.com/track/click?u=397422a79063537659926e34f&id=d051c707b0&e=8b12f57621)  The International Energy Agency Clean Coal Centre (IEACCC) is the world's foremost provider of information on the clean and efficient use of coal worldwide, particularly clean coal technologies, in a balanced and objective way. The IEACCC is funded by member countries and industrial sponsors, which helps ensure its analysis is impartial.  As a citizen of the US, which is an IEACCC member country, you can receive reports for free when they become available. **Potential water sources for coal-fired power plants** by Ann Carpenter is the latest report from the IEACCC and is attached (abstract below).  Non-members must wait 6 months or purchase the report if they want it sooner.   The United States Energy Association (USEA) is assisting the USDOE in distributing new IEACCC reports and similar information to US-based companies and individuals that may find this information useful. Reports over 6 months old can be accessed by anyone for free from the USEA website [www.usea.org/report-groups/iea-reports](http://usea.us4.list-manage1.com/track/click?u=397422a79063537659926e34f&id=5cb0911f15&e=8b12f57621) or the IEACCC website ([http://www.iea-coal.org.uk/site/2010/publications-section/reports](http://usea.us4.list-manage.com/track/click?u=397422a79063537659926e34f&id=6c8f58e655&e=8b12f57621)).   The IEACCC website also shows reports by topic area and requires a one-time free registration.    If you have any questions regarding report distribution, please email them to[**Abitonti@usea.org**](mailto:Abitonti@usea.org)   **Report Abstract**   Global energy demand is rising, while water is becoming a scarcer commodity in many parts of the world due to overexploitation, droughts, heat waves, and other factors. Meeting the growing demand will place increasing stress on limited fresh water resources. The power generation industry is typically the largest industrial user of fresh water in a country. Consequently, the vulnerability of the power generation industry to constraints in water availability can be expected to increase. Hence non-fresh water sources will become increasingly important. This report examines the availability and use of potential non-fresh water sources in China, India, South Africa and the USA. These are the four top thermal coal consuming countries in the world. The alternative sources are municipal waste water, brackish and sea water, mine water, produced water from oil and gas wells (including coalbed methane wells), and water extracted from deep saline aquifers during CO2 storage. In certain cases, and with suitable design of the on-site water treatment plant, a coal-fired power plant could become a supplier of both energy and fresh water, instead of a water consumer. | |  |  |  | | --- | --- | | |  | | --- | |  | | | |
| |  |  |  |  |  | | --- | --- | --- | --- | --- | | |  |  | | --- | --- | | |  | | --- | |  | |  |  |  | | --- | --- | | |  | | --- | | The International Energy Agency Clean Coal Centre (IEACCC) is the world's foremost provider of information on the clean and efficient use of coal worldwide, particularly clean coal technologies, in a balanced and objective way. The IEACCC is funded by member countries and industrial sponsors, which helps ensure its analysis is impartial.   The United States Energy Association (USEA) is assisting the U.S. Department of Energy in distributing  International Energy Agency Clean Coal Centre (IEACCC) reports and similar information to U.S.-based companies and individuals that may find this information useful. The past five years of IEACCC reports can be accessed on the USEA website via the above links.  As a resident of the U.S., which is an IEACCC member country, you can download all IEACCC reports for free via the above links, including those published within the last six months. Non-members do not have this privilege and must wait six months or purchase the report if they need it immediately.  For further information on accessing other IEACCC reports, please contact Anthony Bitonti at USEA at [Abitonti@usea.org](mailto:Abitonti@usea.org)**.** | | | |