



NEWS

AGL and CSIRO explore low-energy CO₂ capture

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AGL has established a syndicate to explore a lower-cost process to capture CO₂ from brown coal-fired power stations. The energy company is teaming with CSIRO and Japanese technology provider IHI Corp to install and test a pilot plant at its Loy Yang brown coal-fired power station that could use up to 40% less energy to capture CO₂ emissions for storage. Brown Coal Innovation Australia (BCIA) today announced it would provide \$650,000 towards the \$5 million project, which will capture up to half a tonne of CO₂ each day. The energy-intensive nature of the post-combustion capture of greenhouse gases from power plants is a major barrier to its widespread use, and a number of pilot projects around the world are exploring ways to overcome the problem. CEO of the Global CCS Institute, Brad Page, told CE Daily that the project was an excellent example of globally-coordinated R&D on carbon capture and storage. "The Institute is tracking similar instances where learnings from individual large-scale projects can bring significant cost reductions," he said.