Solar turbine the "missing link" for constant power

CSIRO scientists have developed solar technology which stores and produces power on a continual basis that they believe could replace coal-fired power stations in 20 years. Solar turbine technology developed by the Queensland Centre for Advanced Technology in a joint venture with solar dish manufacturer CTI is being touted as "the missing link" to overcome the inconsistent supply of solar and wind energy. The solar turbine technology combines a silicon heat cell with a closed cycle gas turbine and could lead to renewable energy being harnessed for baseload power generation. "That means you can get rid of coal stations, natural gas power stations, and replace them with totally renewable energy and cut out completely carbon dioxide emissions," says project leader Dr Patrick Glynn. "All of the stuff we're doing, we are capable of doing technically and has been done. We have the materials to do it, but the problem is that it is all left-field at the moment and these ideas have to gain credibility first, and that is when people put money into it."

[SOURCE ESAA NEWS]