## The application of solar vacuum collectors for central solar heating plant

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Approaching critical stage in world industrial development, the need for new energy technology becomes imperative. Use of solar thermall energy could play a vital role in this regard without undue difficulties. This is one of the important reasons why many scientists and engineers in Korea have spent their time and efforts to capitalize in solar energy. It is expected that new types of solar collectors will replace the traditional flat plate type solar collectors in arnessing solar collectors in harnessing solar thermal energy in coming years drastically improving the system efficiency.

With the advent of New Millennium, new solar technologies are emerging replacing the conventional technologies based on flat plate type solar collectors. This paper introduces the application of solar vacuum collectors for Central Solar Heating Plate with Seasonal Storage(600m3). It also gives some details about new designs to cope with some technical problems in the existing solar products using the vacuum technology in solar exploitation.