

Reducing Air Pollution by Renewable Energy Source

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Abstract:Over 50% of greenhouse gas emissions that we produced in our home are caused by heating, air conditioning and water heating, in other words keeping our homes warm in winter, cool in summer and nice hot water on tap is emitting 2.5-5.0 tons of greenhouse gas emissions each year. It also contributes a hefty amount to our electricity bill about 50-60%. Commonwealth Scientific and Industrial Research Organization (CSIRO), has invented a new solar air conditioning system solution which will reduce greenhouse gas emissions, reducing electricity bills and reduce urge amount of electricity and gas. If every home installs the csiro solar air conditioning system then it would be equal 15 mega tones of CO₂ or taking 3.5 million cars off the road. It is three in one innovative technology that provides hot water, cooling and heating. It uses just the fractions of the electrical current systems and half of the gas emissions.

Keywords: greenhouse gas emissions, air conditioning, water heating solar air conditioning system

