

## TO WHOM SO EVER IT MAY CONCERN

This is to certify that the institution "Saranathan College of Engineering" has been continuously practicing Energy Conservation Measures, through various Energy Efficient practices, as a token of contribution from this educational institution to reduce CO<sub>2</sub> emissions in to the atmosphere, preserve fossil fuels, prevent disastrous occurrence of weather events, slow down climate change and to use the available energy more judiciously. The various Energy conservation measures adopted in the college campus, from time to time, includes replacement of all the CRT monitors by LCD monitors in the computer Engineering laboratories / other Engineering department laboratories, retrofitting standard fluorescent lamps and CFL lamps with LED lighting, introducing automatic street lighting control to reduce energy wastage due to manual errors, upgrading window air conditioners into split air conditioners and further into BEE certified star rated energy efficient split air conditioners & inverter air conditioners. The entire college campus power supply has been converted from LT in to HT in order to reduce the operation of Diesel Generators, to meet out the peak demand, thereby reducing the massive diesel consumption and the associated pollution.

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This is to certify that the institution "Saranathan College of Engineering" has been continuously promoting Green Energy, from time to time, in the college campus to enhance Energy Security, lower the risk of other fuel spills, help conserve nation's natural resources, reduce pollution, create awareness to the students' community and increase reliance on Renewable Energy. 62.4kW Photo voltaic (PV) solar plant has been commissioned and in operation in the campus (10 kW at KS block on grid, 2.4 kW at KS block off grid, 50 kW at RV block on grid plant), out of which 50kW PV plant was recently commissioned and under monitoring. 2.4 kW off grid plant is feeding the Drives lab and the rest of 10kW and 50kW plants are sharing the campus other loads. Exclusively an additional 20kW on grid plant was commissioned at college girl's hostel campus and has been successfully operating. A 30 cubic metre cow dung based Bio Gas plant was put in to operation to feed thermal energy to the girl's hostel kitchen to conserve LPG. These solar plants were reducing college utility bill to an appreciable extent ensuring reduction of CO<sub>2</sub> liberation in to the atmosphere and in turn contributing to the National Mission for sustainability and a Greener Environment.



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