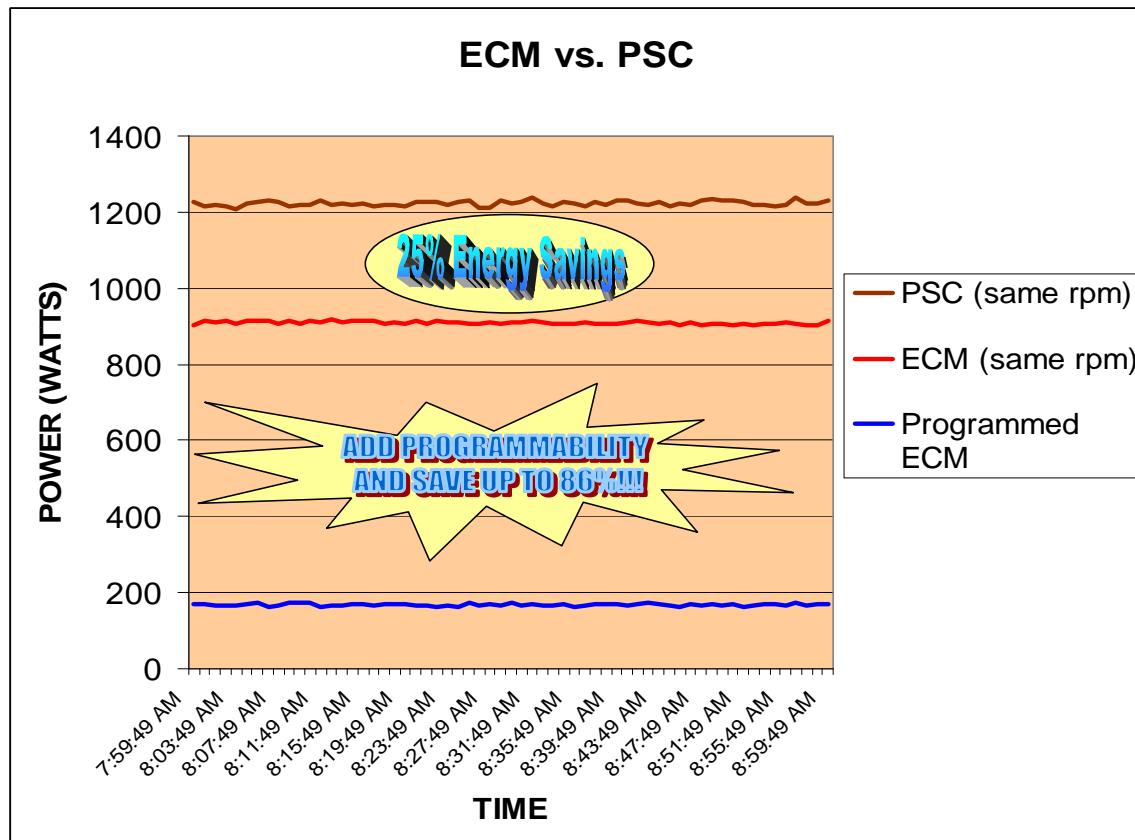


# ECM TECHNOLOGY

ECM motors are much more efficient than other conventional induction motors. **EFFICIENCY LEADS TO ENERGY SAVINGS!!!** PWA Engineering LLC conducted a pilot test on a PSC induction motor that was replaced by an ECM motor in Variable Air Volume (VAV) boxes at Langley Air Force Base. The graph shows the SHOCKING results of the study.



Test results proved that the ECM motor ran 25% more efficient than the PSC motor when operated at the same revolutions per minute (RPM). Efficiency was further increased to 86% when we utilized the unique programmability of the ECM motor and reduced the operating speed to 500 RPM. Energy savings like that will lead to a decrease in overall cost. PWA Engineering LLC is dedicated to saving energy and saving money all at the same time!

Please contact PWA Engineering LLC for further answers on how to save energy!

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