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The Power Equation; Multiplying the voltage by the armature current to get the power gives the following relationship: $P = EI = VI - I^2 R$. It shows that the mechanical power delivered by the motor is equal to the back EMF times the armature current OR the electrical power applied to the motor less the $I^2 R$ losses in the windings. (Disregarding frictional losses).

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control.

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In very simple words, the systems which control the motion of the electrical machines, are known as electrical drives. A typical drive system is assembled with a electric motor (may be several) and a sophisticated control system that controls the rotation of the motor shaft. Now days, this control can be

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done easily with the help of software.

What is an Electrical Drive? | Electrical4U

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Organized by: Union of Electronics, Electrical Engineering and Telecommunications (CEEC) IEEE Bulgaria Section With the support of: Technical University of Sofia. Technical University of Varna. Technical University of Gabrovo

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Welcome to the Electrical Machines & Drives Laboratory. This Laboratory at Michigan State University has its purposes to

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