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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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What is an Electrical Drive? | Electrical4U

2019 16-th INTERNATIONAL CONFERENCE ON ELECTRICAL MACHINES, DRIVES AND POWER SYSTEMS (ELMA) June 6-8, 2019 VARNA, BULGARIA 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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