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Cruciverbalism

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| **Across**  **1.** Energy stored iin charged particles within an electric field  **2.** Standard unit of electricity; 1000 watts per hour  **6.** this fundamental force holds the nuclei of atoms together  **10.** This findamental force holds atoms together and bonds them together  **12.** A watt is a measurement of;  **14.** The energy required to rasie one pound of water to 1 degree celsius  **15.** The universe always moves from a more ordered to a less ordered state  **16.** Mass x Acceleration  **19.** Energy contained within a system that is responsible for its temperature  **20.** Energy required to raise 1g of water to 1 degree celsius | **Down**  **3.** any form of energy that is directly associated with motion or with a force  **4.** Unit of work and energy  **5.** A form of energy resulting from the existence of charged particles  **7.** this fundamental force is like the weak force, but long range.  **8.** To exert a force of an object rthrough a distance  **9.** Any transfer of energy caused by a difference in power  **11.** A quantity representing the rate of flow of electric charge  **13.** The measurement of joules, used or produced per second.  **17.** Commercial unit of heat; =100,000 BTU'S  **18.** This fundamental force is involved in nuclear decay |