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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  |