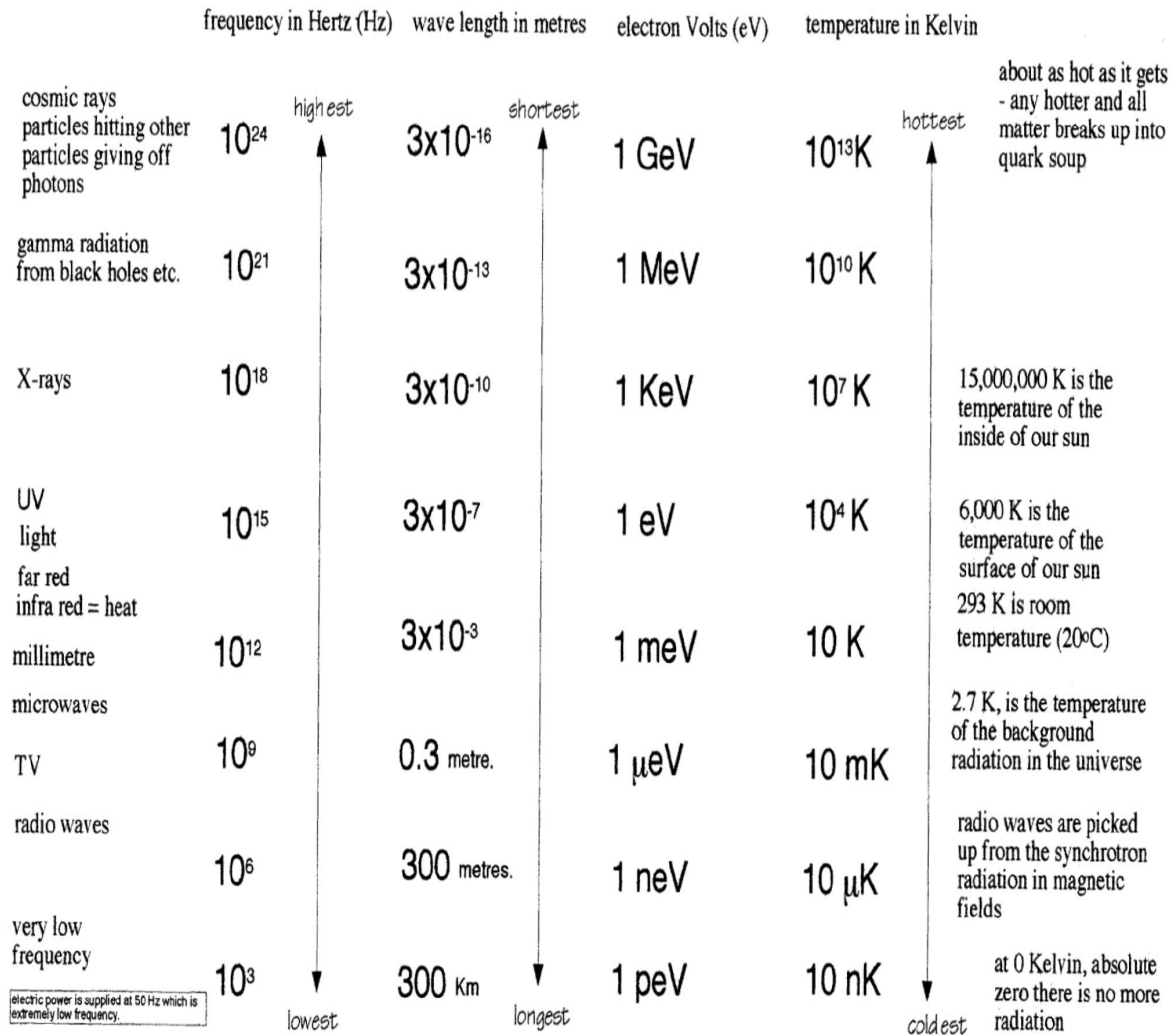


the e-m spectrum electro-magnetic radiation is a strong force made of photons with a maximum speed of 3×10^8 m/s



electric power is supplied at 50 Hz which is extremely low frequency.