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## **Pulse power test stand for water voltage divider calibration**

Water resistors are used to dissipate the large amounts of energy produced in high voltage/high current applications over a short period of time. These resistors are frequently used in resistive voltage divider monitors for measuring very high voltages. Accurate calibration of water resistor voltage dividers needs to be done with a very high frequency circuit. A test stand, with known circuit parameters and a pulsed power source, can be used as a high frequency calibration source. The goal of this project is to develop a pulse power test stand and to calibrate water resistor voltage dividers.