

The diagram illustrates a resonant charging circuit for a fuel cell water capacitor. The circuit components and their connections are as follows:

- RESONANT CHARGING CHOKE**: A coil connected in series with the fuel cell water capacitor.
- BLOCKING DIODE 1N1198**: A diode connected in series with the resonant charging choke.
- INDUCTOR**: A coil connected in series with the blocking diode.
- VARIABLE INDUCTOR**: A coil connected in series with the inductor.
- FUEL CELL WATER CAPACITOR**: A capacitor connected in series with the variable inductor.
- ISOLATED CIRCUIT FROM SECONDARY COIL**: A separate circuit connected to the variable inductor.
- REDUCED GATE TIME**: A graph showing a square wave pulse, indicating the timing of the charging process.

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