

**Under
Development**

CBS-100 Wireless Capacitor Bank Switch

The CBS-100 Wireless Capacitor Bank Switch is designed to provide *two-way* wireless control and monitoring of capacitor bank switches. Our research indicates that a number of utilities are using one-way systems to control capacitor bank switches (e.g. one-way paging or shared high-frequency radio networks). A major consequence of using a one-way system is that there is no confirmation that a capacitor bank switch actually opened or closed. Our CBS-100 is designed to operate on the industry-standard GSM/GPRS wireless data network and provides virtually instantaneous control and confirmation of switch opening and closure.



The CBS-100 prototype installs into a standard meter socket.

Features

- Designed around the pre-approved MultiTech GSM/GPRS Wireless Data Modem
- Measures and returns True-RMS line voltage and status of capacitor bank switch
- Housed in weatherproof enclosure designed to plug into standard meter socket
- Includes two control relays: one for the "open" function and one for "close"
- PC/laptop connection for programming and diagnostics
- Operating voltage can be 120/240 VAC (standard) or custom to meet requirements
- Communicates over the internet using the secure nationwide GSM/GPRS network
- Less expensive than a cellphone—uses low-cost "telemetry" wireless data plans
- Controlled with simple public command protocol
- Need it customized? Call us *now* with your ideas and suggestions!

TECHNICOM, INC.

All products designed, manufactured, and supported in the USA

