

# Power Line Communications (PLC) System Operations for Remote Meter Reading

## How does it work?

Meters log usage and demand data and stores the data it for 40 days to a year.



Every night, the Scan Transponder sends a signal to the meters over the existing power lines in the building to collect the data.



Each meter responds with data over the same existing power lines.



A computer connects over phone line or the Internet to collect meter data from the Scan Transponder.



The IQ and IQ<sup>2</sup> software analyzes all data to produce bills, bill registers, usage graphs and invoices.

