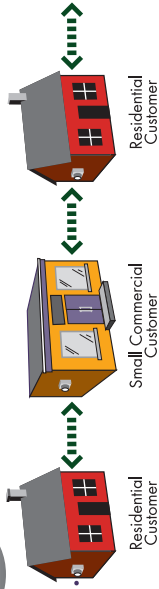


## Smart Meters

Individual meter records time-of-use electricity consumption data and transmits the data to a collector via its internal 900 MHz radio.

Readings collected by smart meters are wirelessly transmitted either directly to the collector or, first, to other smart meters that act as repeaters, relaying the data to the collector.



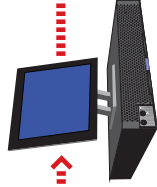
Invoices are sent to customers either electronically or via mail.



## Advanced Metering Central Computer (AMCC)

Located at Horizon's John St. office, the AMCC maintains the smart meter read schedule.

**Collectors**  
Each pole-mounted collector will receive read data from and send updates to approximately 500 meters.



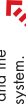
Read data is transmitted to the province's MDM/R system.



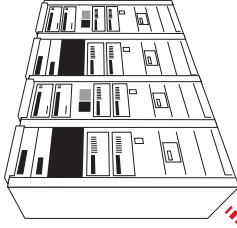
## Customer Information System (CIS)

Our CIS ensures that meter and customer information is consistent between our AMCC and the provincial MDM/R system.

Green double-headed arrow = Local Area Network (LAN)  
Red double-headed arrow = Wide Area Network (WAN)



## Provincial Meter Data Management/Repository (MDM/R) System



Bill-Ready files based on meter reads are sent to Horizon for further processing.

