

Application Note 013  
 Version 001 – Radio Read Filter Version  
 12 Aug 2011

## Sample Co-Reading Request Addressed To Water Utility.

Dear [UTILITY],

[CUSTOMER] kindly requests your permission to add [CUSTOMER]-owned automatic meter-reading equipment to the existing water meter at [CUSTOMER ADDRESS] in a proposed manner that will not interfere with [UTILITY]’s current meter-reading equipment.

(OPTIONAL – ONLY IF METER REGISTER RETROFIT IS REQUIRED): In this case, the existing [METER MFR NAME] meter would require a retrofit/upgrade of the register to the latest respective model from [METER MFR NAME]. [METER MFR NAME]’s register retrofit is called the “[ENCODER REGISTER NAME]” and their compatible AMR radio is called the “[AMR RADIO NAME]”. The retrofit register(s) and AMR radio(s) would be provided at [CUSTOMER]’s cost.

The electronic consumption signal from the meter would be split between the [AMR RADIO NAME] and a [CUSTOMER]-owned “EtherMeter, Model EM-100” (which communicates to [CUSTOMER]) via a [CUSTOMER]-owned “Radio-Read Filter, Model RRF-W or RRF-D” signal splitter.

[CUSTOMER] plans to use the collected meter data in its energy and water conservation systems, and the main benefit to co-reading the meter is that [CUSTOMER] will be able to utilize the same consumption readings that are used by [UTILITY] for billing purposes. We have made many similar successful connections, and we can assure you that there have been no interference problems in the past. However, in the unlikely chance that [CUSTOMER]’s reading equipment is found to pose a problem for [UTILITY]’s reading equipment, then we want to assure you that [CUSTOMER] will promptly remove its reading equipment from the circuit.

For your review, cut-sheets for the EtherMeter (Model EM-100) and Radio-Read Filter (Model RRF-W or RRF-D) have been included, along with the following wiring diagram of our proposed circuit:

Your consideration of our proposed monitoring system is highly appreciated, and if I can provide further information, please don’t hesitate to contact me.

