Areas for discussion

• If we assume the need for a Gateway, what are the desirable interface characteristics?
• Primary to Gateway – non-standard?
• Gateway to Secondary – Standard needed?
  – Wireless
  – Optical
Physical Interface

• If we assume wireless, could we use the UHF leaky feeder/handheld analog interface as the standard
  – Advantage is that two of the secondary systems have already built to this interface
  – Leaky feeder systems manufacturers already use this type of interface
  – Node manufacturers would need to build to some interface in any case
Gateway Wireless Option A

- Air Interface
- Prim. Inf. Interface
- Direct Connection
- UHF Analog Secondary Comms. Interface
- Secondary System
- To MOC

Components:
- Gateway
- APs or LF
- Prim. Inf. Interface
- LF APs
Physical Interface (cont.)

• For an integrated solution is there a physical interface standard even required?
Gateway Integrated Option B

- Air Interface
- Access Point
- Wired Interface
- Secondary System
- Direct Connection
- To MOC
Protocols

• Are there any candidate protocols that contain desired functions
  – Triggers
  – Wake up command
  – Priority flags
Gateways

• Are there any gateways that already do some or all of the desired functions?