



Aurora's Electricity Wires

... Getting Smarter
... Going Faster
... Doing more

Atug Future Forum
5 July 2007, Canberra

Bob Darwin, Chair UtiliTel Smart Grid
Manager BPL, Aurora Energy

BPL – a positive experience 😊



- Fast, symmetric services
- Viable access technology for the last mile
- Completely independent of incumbent network
- Complimentary with Fibre roll outs
- Sustainability., multiple applications

Is SMART Metering a DUMB Strategy ?

- Meters are only one element in a SMART world
- Requires fast , high capacity two way network
- Load control = appliance control = BPL
- Telco's = devices and mobility

Narrowband for meters is a flawed approach and will not deliver what Regional Australia needs

BPL is an enabler of

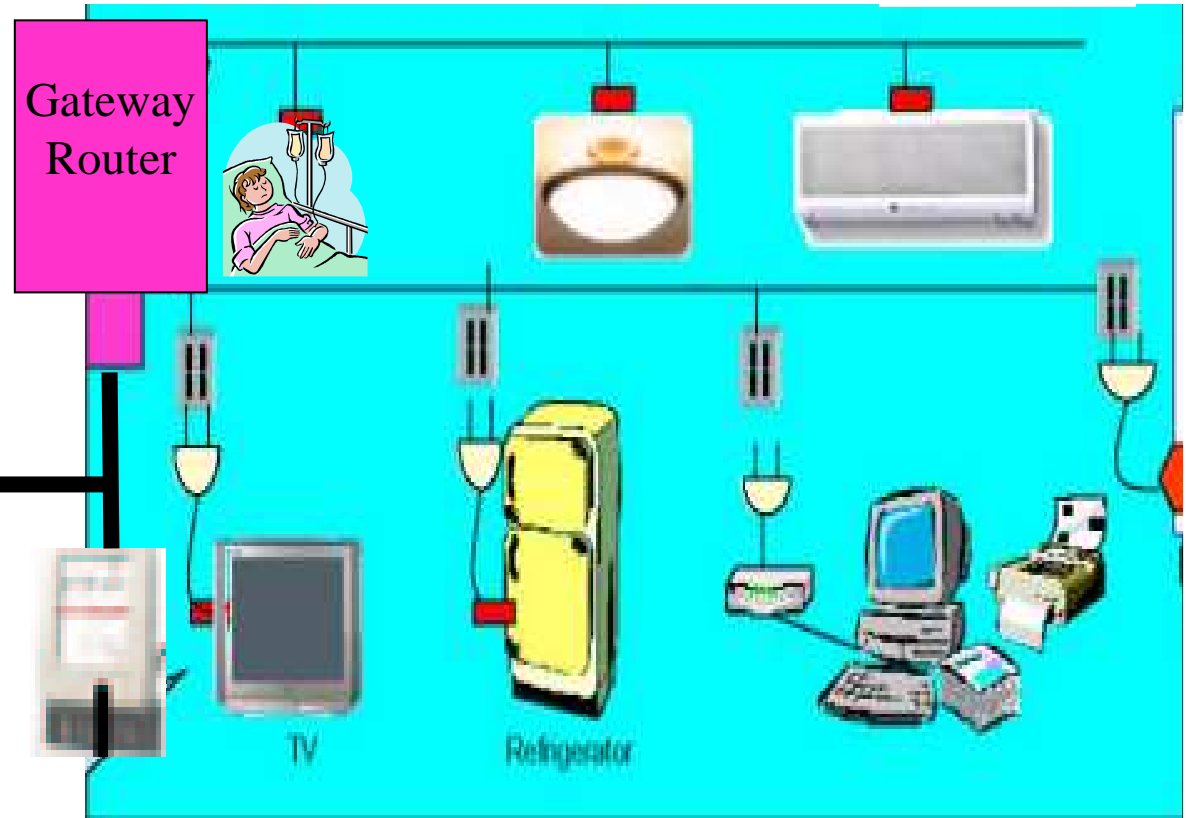
- SMART choice
- SMART lifestyles
- SMART metering
- SMART grids
- SMART environment

Can Australia afford to miss this opportunity ?

A Smart and intelligent future..



Optical Fibre And BPL WAN



PLC chipset in appliances

- Remote support, Warranty
- Customer control
- Demand Side Response



Some final thoughts...

BPL enables

- customer choice and lifestyle
- delivery of DSR, energy efficiency and Greenhouse initiatives to appliances
- multiple applications including internet, health, entertainment, voice, security, control, ..