

Power Line Communications ---Smart Grid---

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a place of mind
THE UNIVERSITY OF BRITISH COLUMBIA



Electrical and
Computer
Engineering

The Three Ws

- Why? *Because we can.*
- Where? *Everywhere ...*
- What? *Broadband, narrowband, ITU, IEEE, ...*



The Three *ifs*

- Standards *ITU-T, IEEE, SAE, ...*
- Regulation *Frequency bands, EMC, ...*
- Coexistence *Is this really an issue?*
- Reliability *Can PLC do it?*
- Lifetime *Can PLC do it?*
- Coverage *Can PLC do it?*

