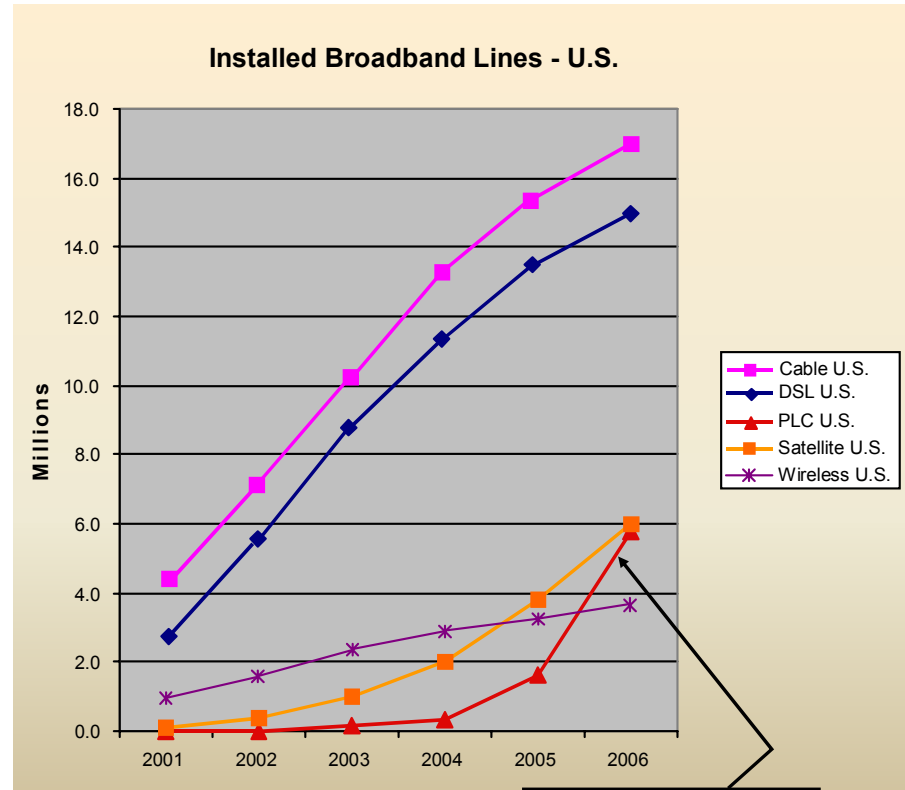
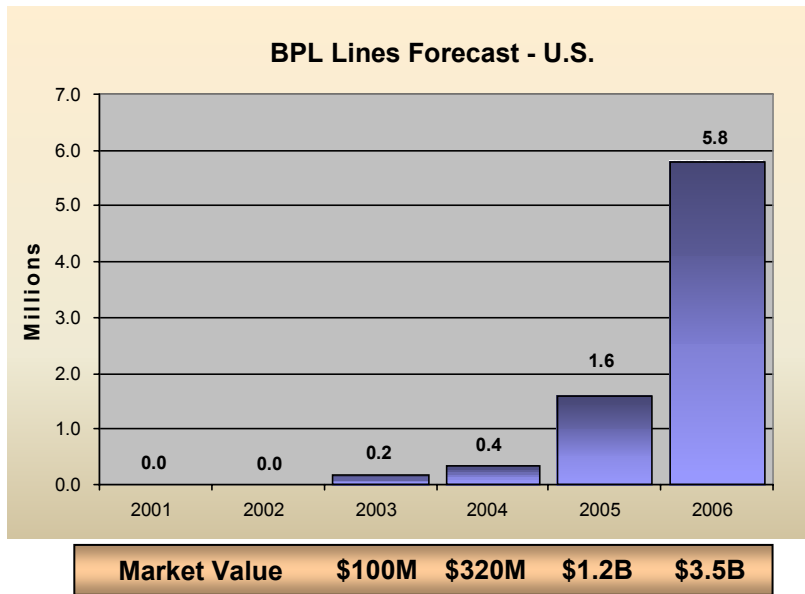




BPL Shows Rapid and Strong Growth in the U.S.; Burgeoning Growth Potential Internationally

IBEC utilized market forecast numbers from the recognized market analysis firms Kinetic Strategies, Gartner Group, Yankee Group, Cahners In-Stat Group, and IDC to formulate these projections.

Customer surveys conducted by Touchstone Energy Services in 2003 indicate very strong interest in BPL Internet Services via Cooperatives.



BPL outpacing satellite and fixed-wireless

Rural and underserved U.S. markets are particularly attractive for Broadband-over-Powerline solutions. Internationally, the BPL market is expected to grow to 29.3 million lines with a \$16.7 B market value by 2006.

- The Broadband-Over-Powerline (BPL) market is poised for very strong growth for several reasons:
1. There is a huge untapped demand for broadband services at business and residential locations that may never have access to cable modem or DSL service – as high as 61% of U.S. households. The other broadband option in most of these areas is satellite – a more expensive and slower solution.
 2. These areas are all currently served by the electric utilities, with virtually 100% coverage, existing infrastructure, and a captive market for services.
 3. The technological barriers preventing utilities from delivering broadband services have been removed, and BPL companies are now offering services.
 4. BPL is poised to provide an entire suite of basic and broadband telecom services in developing countries around the globe, where the only available infrastructure for communication is the electric power network. BPL will be a significant technology catalyst for economic growth in these nations.