

Dockets 07-52, 08-7 (per filing rules in multiple dockets).

Saw some things on broadband speeds. The following is what I've seen on a regular basis in advertising.

DSL: 768kbps to 1.5mbps.

Cable: 2mbps to 8mbps is common, have seen speeds of up to 12mbps (Cox)

Fiber (very limited deployments): 10mbps-15mbps, iProvo in Provo Utah says they may now get, via UTOPIA in Utah, 50mbps.

In talking with a Comcast employee, speeds of between 50mbps to 100mbps may be possible for cable providers and Comcast is planning to implement that by the last half of 2008.

WiMAX's (700mhz, 2, 3.5-3.8, and 5 GHz spectrum). successor, 802.11m, may boast speeds of from 150mbps to 300mbps. Some WiMAX equipment that can deliver WiMAX signals is thought to have speeds of up to 633mbps, based on advertising claims in press releases.

BPL: Have yet to see any hard figures on what the throughput rate is using Broadband over Power Lines.

The Commission needs to promulgate rulemakings to ensure the highest possible speeds are provided to all customers regardless of plan purchased, if a provider chooses to 'throttle' speeds for cut-rate pricing, then they need to be regulated as to what percentage of top speed that the system gets they can offer for less per month. Usage caps should be set by the Commission if the Commission chooses to leave those in place also, this to ensure that if someone wants to download several full-length movies, that they don't go over their cap and incur additional costs. Ditto for the use of streaming media like YouTube, Vuze, other video and audio services, downloading of podcasts and other audio/video files, streaming audio usage, etc.

Streaming audio will become the norm rather than the exception soon, and so will video, making it possible for a person to take their local radio and maybe even TV station with them across country so they can keep in touch with what's going on back home, as well as enhance the audio and video choices available, same goes for all the legal download sites, customers need to be able to utilize all of these services without fear of having to not get something they need for work or otherwise, because the caps and throttling was too low.