

## Re: too much information!

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For this argument I've estimated there's at most 1% of humanity having operational computers, and perhaps as many as 10% of those individual PCs are on-line at any one time.

$6.5e7$  potentially active computers at 100 watts each =  $6.5e9$  watts, 6.5 gigawatts

10% of those PCs being on-line at 10 w/circuit requires another  $65e6$  watts, 65 megawatts

1:1000 internet/intranet servers and mainframes somewhat insures there's another 65 megawatts

Avg. lighting, HVAC and transport related considerations should be worth another 6.5 gigawatts

Thus far we've arrived at 13.130 gigawatts without involving printers, scanners or copies of documents being reprinted and/or burned onto CDs and DVDs. I believe global hardcopy publishing and distribution will remain as yet another 10 fold over whatever digital aspects, thus we've arrived at 133 gigawatts and climbing. That's  $133/6.5 = 20.5$  watts per every soul upon Earth.

Of all that's being stored, transferred, shared, added to, converted from hardcopy to digital format, of how much of all that is actually necessary isn't 0.0001%. At least of what's on all my computers amounts to perhaps 10 gigabytes, whereas I'd have to honestly say 100 megabytes represents what truly matters out of all of what I've got to work with. Unfortunately, I know a good number of folks that can't even manage their PCs on less than 100 GB hard-drives, whereas the 200GB along with another stash of 100+ DVDs and CDs to boot is becoming the current minimum standard.

Going by the internet overdose of graphics, spam, smut, audio and video sharing that's almost entirely bogus and/or unrequested, at least I've never requested nor intentionally downloaded music or movies, and my idea of whatever's smut would be certified by a Nun. I'd have to suggest that perhaps at most 0.1% of the average internet traffic load is usable

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and/or generally necessary for humanity to advance upon whatever's being shared. The remainder is intellectual crapolla, disinformation or simply bogus individuals and their governments taking every possible advantage of snookering humanity by way of selectively sharing whatever needs to be perpetrated, of whatever is not even theirs to share, much less entitled.

Of photographs and ongoing document page scannings capable of 50 megabytes per frame is another obscene waste of time as well as digital technology that's having to be stored and subsequently shared over an already overloaded internet/intranet, causing mainframes and secondary servers to having those arrays of essentially mega-gigabyte drives that are already operating