

EEE PAR Scope Thoughts

Bob Grow

EESG Charter

... to evaluate methods to reduce energy use by reduction of link speed during periods of low link utilization

General Concern

- Rapid PHY Selection may require some hardware support.
- Possible energy saving efforts are not in charter (e.g., proxies).
- Emerging Ethernet uses (e.g., consumer electronics) will be very energy sensitive with different usage patterns.
- The market will become increasingly intolerant of multiple silicon spins for small features.

Let's get all the silicon changes in one project

- I don't know them all, but wake/power on LAN seems to be one to consider.
- Within the charter?
 - Is 0.0 Mb/s a low link speed? YES
 - Is 0% low link utilization? YES
- General request to think of other silicon support.