

L2 Update IEEE 802.3at Task Force



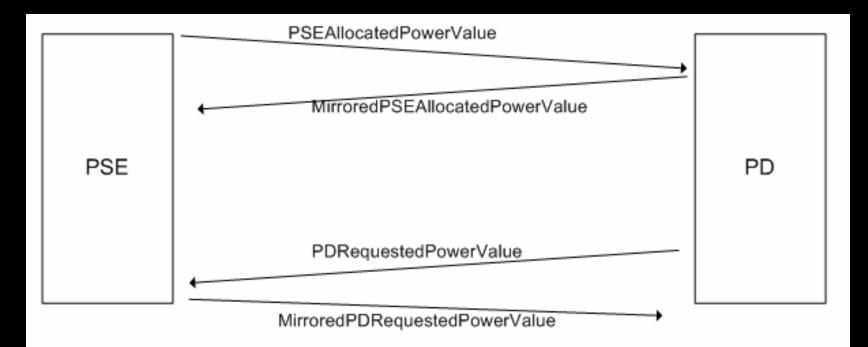
Anoop Vetteth

L2 Update

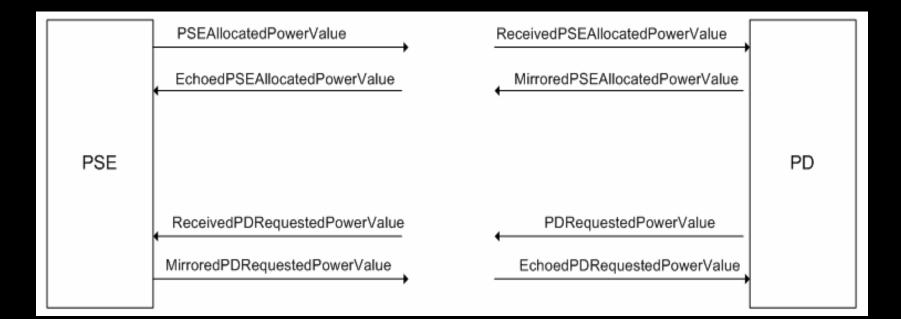
Bug in State Machine adopted in NH

time	PSE	PD
tO	P↓	P↑
t1		P↓
t2	P↓	P↑
t3	Pt	→ P↓
t4	P↓	P↑
t5	P↑	P↓

Present Mirroring Scheme



Proposed New Mirroring Scheme



Continued

- The Mirrored value is the received value corresponding to which the power review is conducted
- If a PSE receives a PDU where the echoed value does not match the Allocated Power Value, it ignores the PDU
- If a PD receives a PDU where the echoed value does not match the Requested Power Value, it continues to treats the PDU as valid