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Retracted Power in DLL

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Purpose

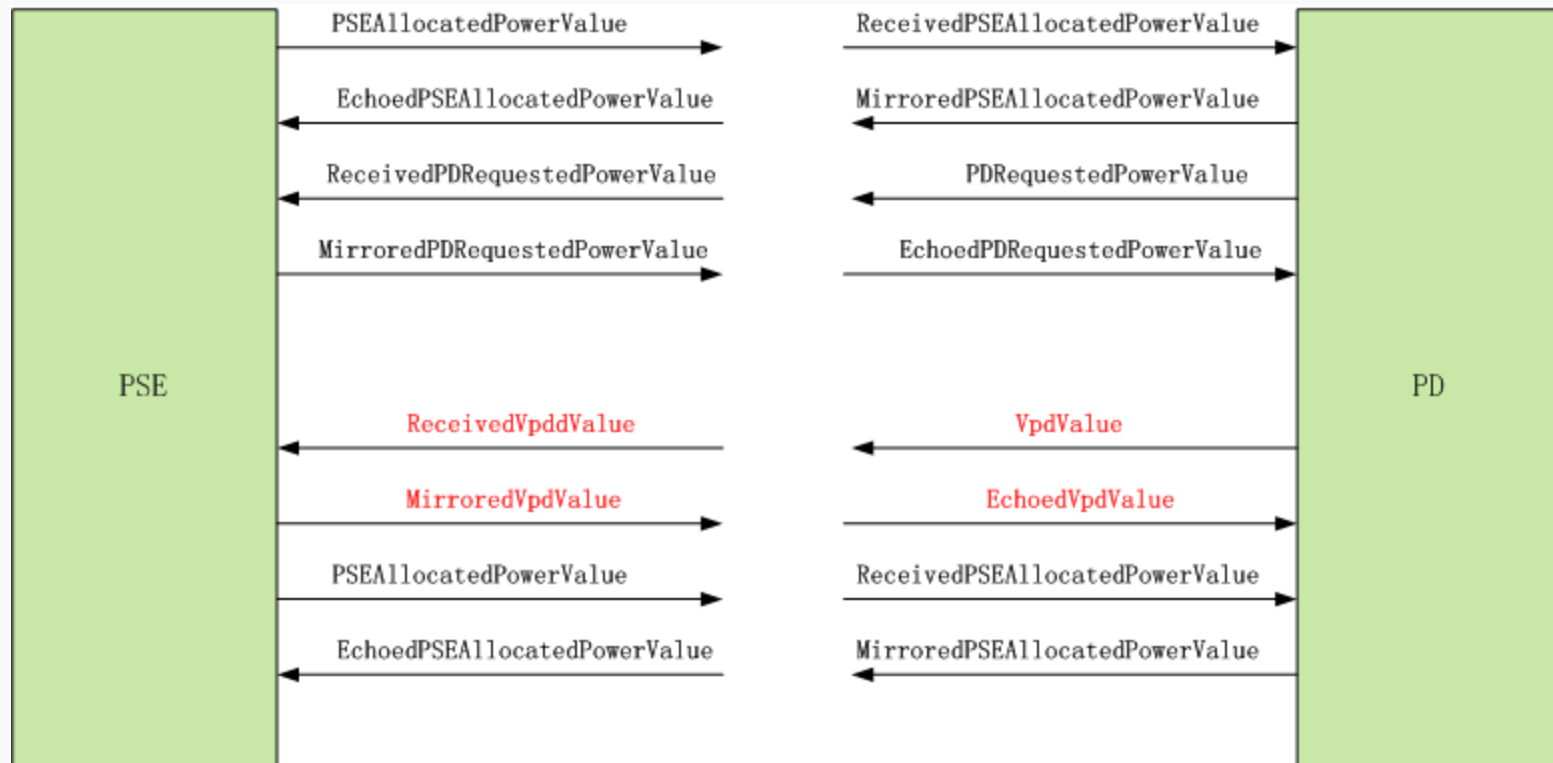
- Discuss how to perform retracted power by using DLL.

New TLVs for retracted power

V_{PD} TLV : Enable a PSE to request the measured V_{PD} from the PD. This can be used to calculate retracted power on the cable.

Bit	Function	Value/meaning
15	unused power channel loss	1 = PSE may claim the unused channel loss 0 = PD may claim the unused channel loss
14:0	V_{PD}	$V_{PD} = 0.1 \times (\text{decimal value of bits}) V$ Valid values for these bits are decimal 1 through 570

Negotiation between PD and PSE



Thank you!