



**Equal Access
Presentation to IPAG – Discussion Slide**

March 2018

Problem: Networks can make access to network value conditional on consumers participating through mandated technology, rather than through a competitive energy services market

TRANSPower DR PROGRAM / WHOLESALE ENERGY EQUAL ACCESS – PRESCRIBE SERVICE / OUTCOMES

- Consumer can use any technology to participate, consumer preferences drive tech. uptake
- Consumer doesn't have to hand over device control to Transpower
- Consumer or their agent can use any technology control platform to participate (eg P2P, EnerNOC)
- Consumer or their market participant receives dispatch / network support instructions eg 2MW, 4-6PM, with a gate closure / notice period
- Consumer can access all markets and trade off value streams to maximise technology value
- Consumer can "switch" service providers if they do a poor job optimising value for the consumer

DISTRIBUTION NETWORKS RESTRICTED ACCESS – PRESCRIBE SOLUTION / WINNERS



Do I want any network value?



Must adopt Powerwall. No value for other batteries.



Must adopt ripple to HWC. Or Telecell. No value for other HW technology.



Must participate through mandated 3rd party P2P platform.



WALLED GARDEN

Must participate through network DR control platform

- Network makes consumer hand over device control
- Consumer or agent can't "co-optimize" value streams
- Network provides "optimising service" across markets, eg keeping reserves revenue currently
- If network favours own requirements, or does poor optimising job generally, consumer can't "switch" to another service provider as will lose network value

Consumer harm: Less technology choice, less technology value, higher lines charges.