



V2G: Like a battery but?

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The REVS project Demonstration



51 V2G equipped EVs in ACT government fleet



Contingency Frequency control

Beyond demonstration



Determine what technical, social, and economic factors are important

Model a world with more vehicles, more services, and more value



Share what we learned with everyone

ARENA



Australian Government

Australian Renewable
Energy Agency

*ARENA funded \$2.4m toward
this \$6.26m project*



ActewAGL



evoenergy



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REVS

REVS - Research



Economic research

- Analysis of vehicle usage patterns, V2G economic potential, and flexibility
- Business model co-design with energy and transport industry



Technical research

- Lab testing of V2G chargers to determine technical performance
- Power system analysis of EV performance



Social research

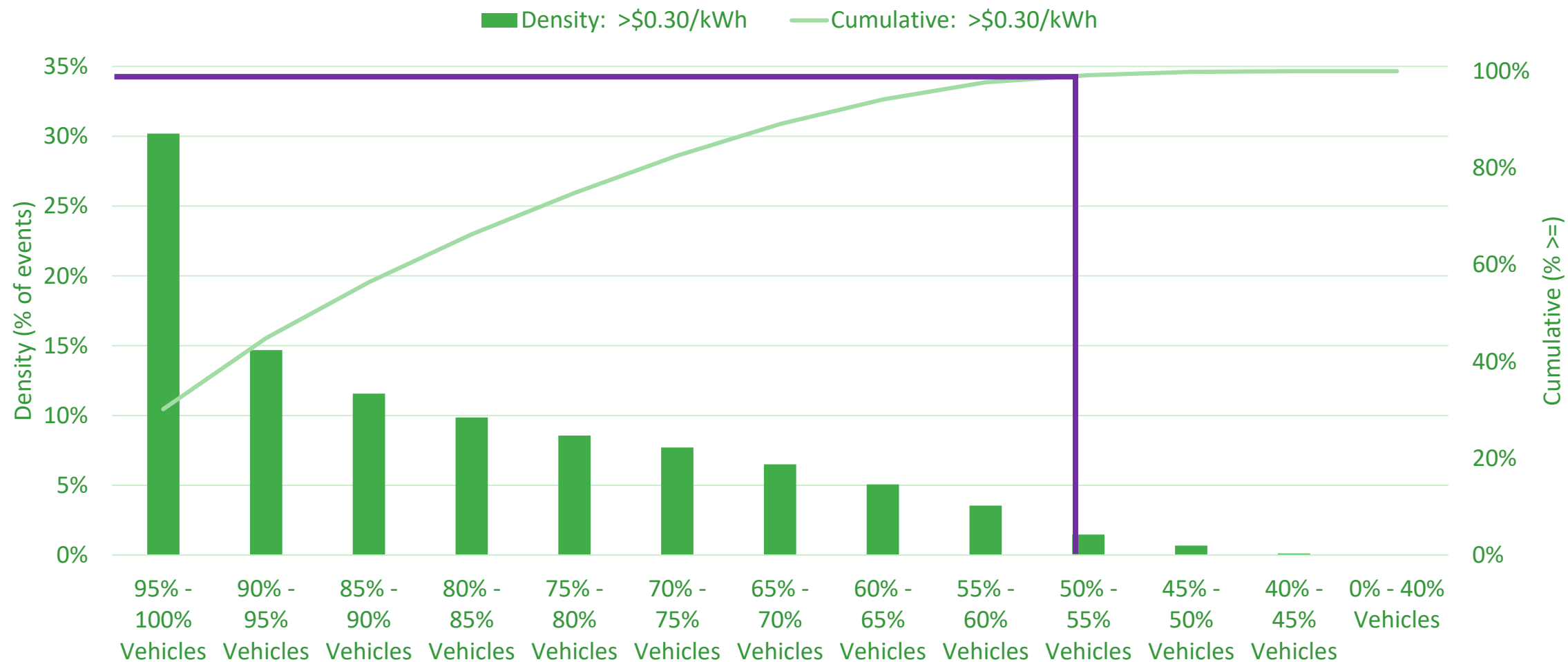
- Current and future user's perceptions of V2G technology
- Key factors influencing uptake of technology

Topic of the day



“EVs are like a batteries, but less convenient”

Peak availability

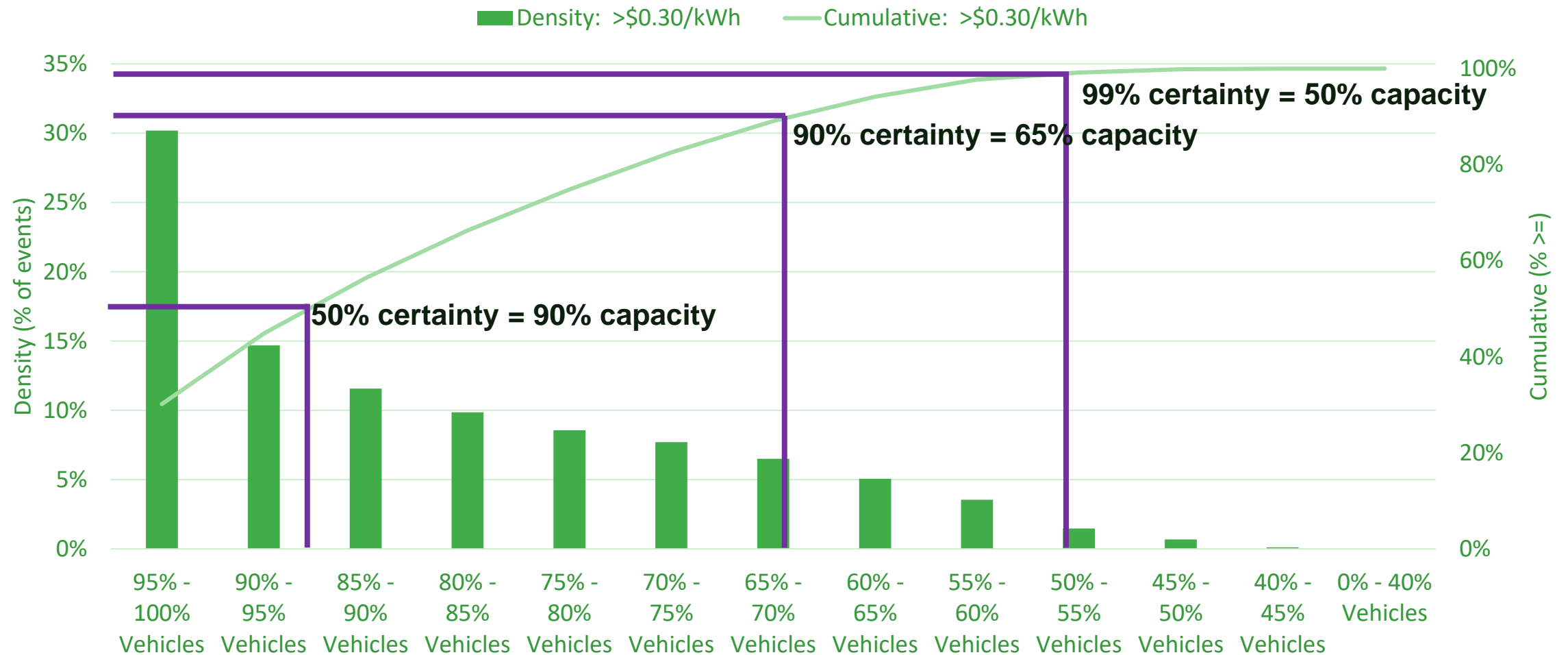


Summary

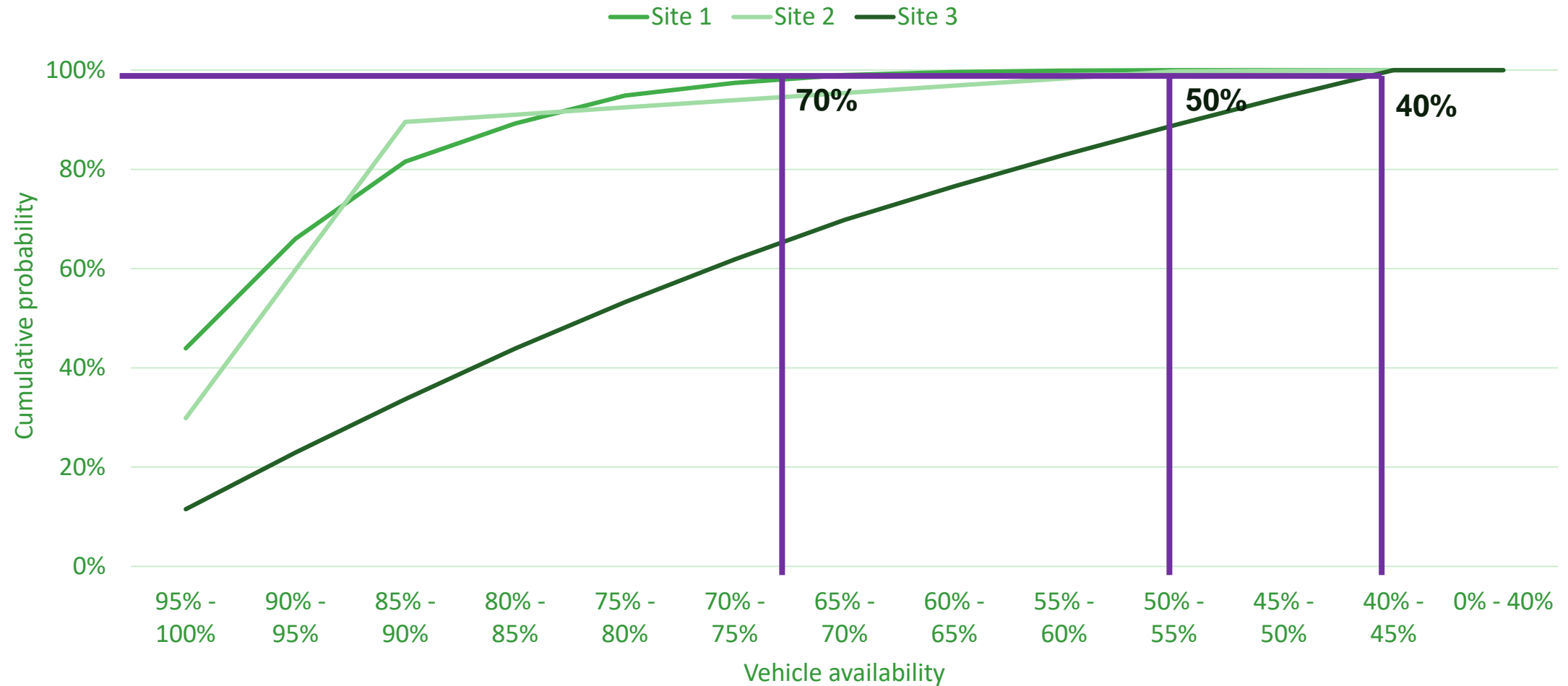


*“EVs are like a batteries, but **half as** convenient”*

Peak availability



Usage is important



What am I saying?



Being certain is expensive



Not all sites are equal

Battery Storage & Grid Integration Program

bsgip.com

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