

DOCKETED

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Project Title:	Business Meeting Agendas, Transcripts, Minutes, and Public Comments
TN #:	246017
Document Title:	Presentation - Item 09 - Vehicle-to-Building Technologies for Resilient Backup Power
Description:	September 2022 Business Meeting presentation for proposed projects under solicitation GFO-21-303.
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Organization:	California Energy Commission
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Item 9: Vehicle-to-Building Technologies for Resilient Backup Power (GFO-21-303)

September 14, 2022 Business Meeting

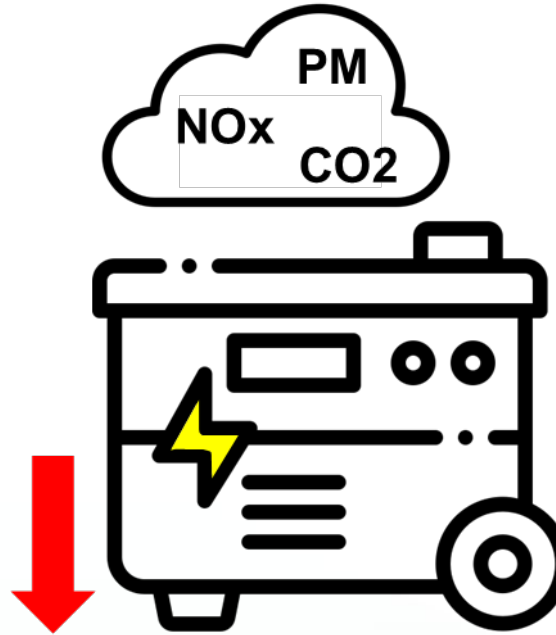
Katelynn Dinius, Air Resources Engineer
Energy Research and Development Division
Energy Systems Research Branch



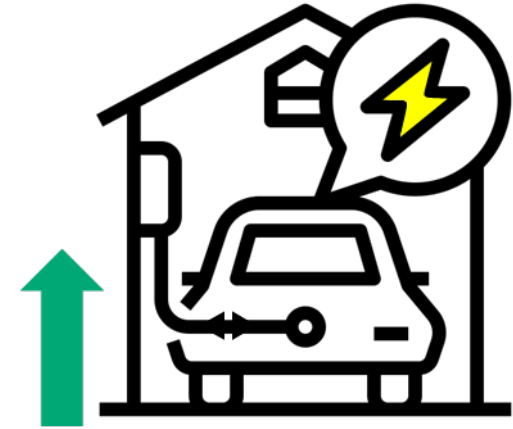
Benefits to Californians



Enhance customer resilience



Reduce harmful emissions



Enable electric services



9a. Center for Transportation and the Environment, Inc.

V2B Oakland

- Advance bus exportable power products
- Support critical loads at bus depot and public library



125kW



≈ 11,500 Transit buses in CA

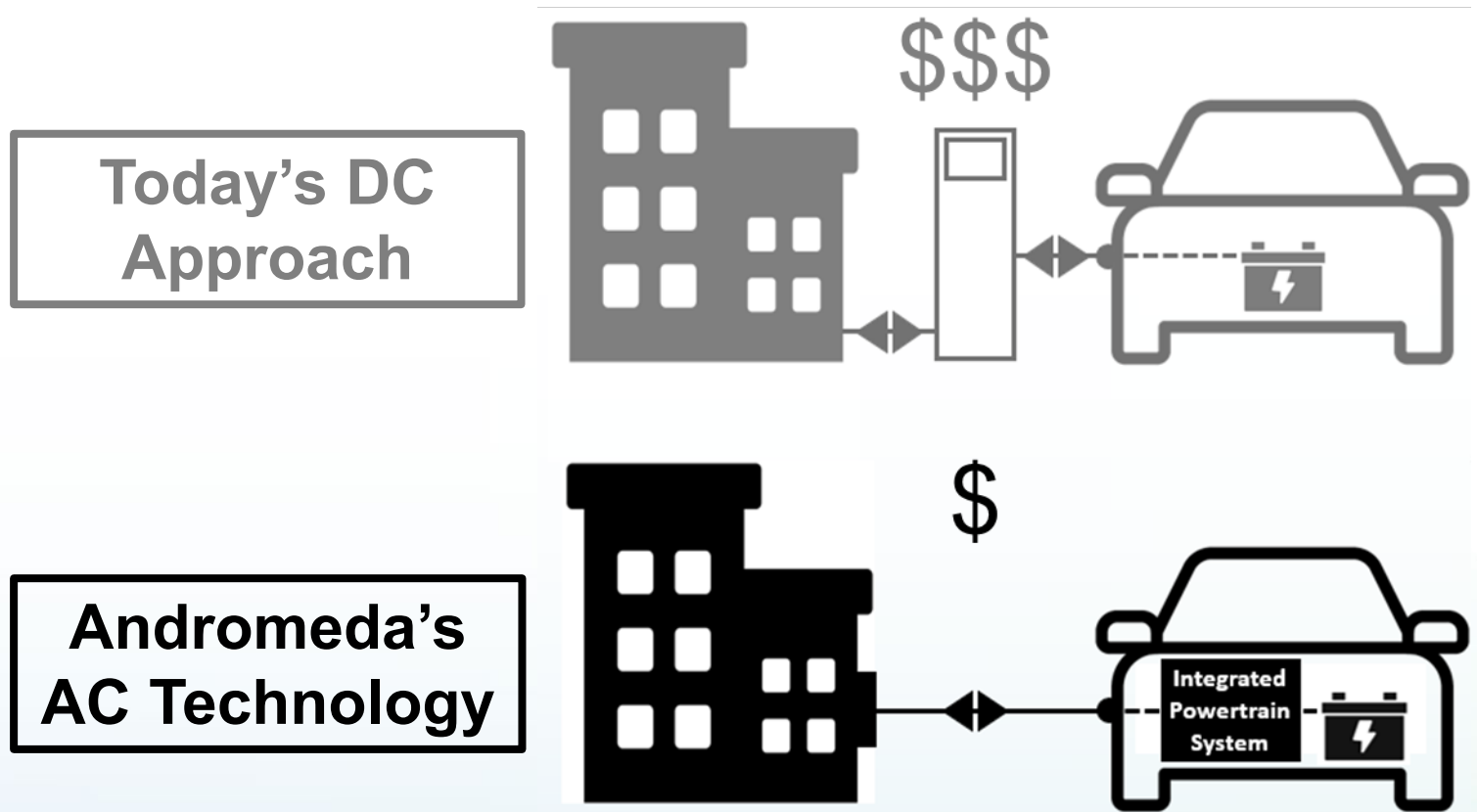


1.4 GW Flexible grid capacity



9b. Andromeda Power, LLC

Integrated Powertrain System – MotorTransformer



- Eliminate high-cost DC equipment
- Modify motor to enable AC bidirectional charging
- 70% cost savings



Staff Recommendation

- Approve grant agreements
- Adopt staff's determination that projects are exempt from CEQA