

## Item 10: Zero-Emission Transportation Manufacturing – GFO-21-605

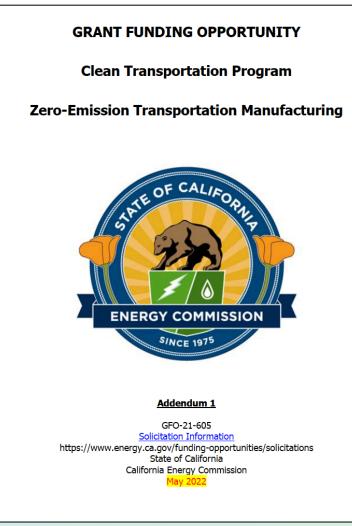
June 16, 2023 Business Meeting

Jonathan Bobadilla Fuels and Transportation Division Transportation Integration and Production Branch



- <u>GFO-21-605 Zero-Emission Transportation</u> <u>Manufacturing (ZETM)</u>
- Increase in-state manufacturing of zeroemission vehicles (ZEV), ZEV components and batteries, and ZEV charging or refueling equipment.
- Funding from:

   California Budget Act of 2021-22
   California Budget Act of 2022-23
   Clean Transportation Program
- Today's Funding:
  - o 2 projects
  - \$22.7 million









Source: Moxion Power Co.

- Project Location:
   Richmond
- Funding Amounts:
   ➤ CEC Share: \$14,999,997
   ➤ Match Share: \$26,688,807
- Project Focus Areas:
   Battery modules
   Battery packs



- Expand manufacturing capacity
- Promote ZEV adoption
- Reduce 882,500 MT of GHG emission per year
- 400 direct jobs within a DAC and LIC



Source: Moxion Power Co.





Source: FirstElement Fuel, Inc.

- Project Locations:
   Santa Ana
   Livermore
- Funding Amounts:
   ➤CEC Share: \$7,747,740
   ➤Match Share: \$14,386,400
- Project Focus Areas:
  - Hydrogen Refueling Station (HRS) equipment
  - Hydrogen cryogenic pumpsStation equipment testing

## **FirstElement Project Benefits**

- Promote in-state manufacturing of HRS
- Reduce downtime for HRS stations
- Reduce 600,000 MT of GHG
   emissions per year
- 38 direct jobs



Source: FirstElement Fuel, Inc.



- Item# 10.a: Moxion Power Co.
  - Approve grant agreement for \$14,999,997.
  - $\odot$  Adopt staff's determination that this action is exempt from CEQA.
- Item# 10.b: FirstElement Fuel, Inc.

   Approve grant agreement for \$7,747,740.
   Adopt staff's determination that this action is exempt from CEQA.