



Plug-in hybrid heavy duty truck





PG&E Plug-in hybrid bucket truck





Plug-in hybrid Digger Derrick



Recommendations:

- Cover the differential cost of plug-in hybrid electric medium and heavy-duty vehicles.
- Fund market demonstrations: possible partnership with final-stage vehicle manufactures, charge station manufacturers, utilities and electrical contractors.
- Fund development and demonstration of Retrofit kits for Medium and Heavy-duty plug-in hybrid trucks
- Defray costs of chargers and their installation, for both private fleets and public access.

R&D support:

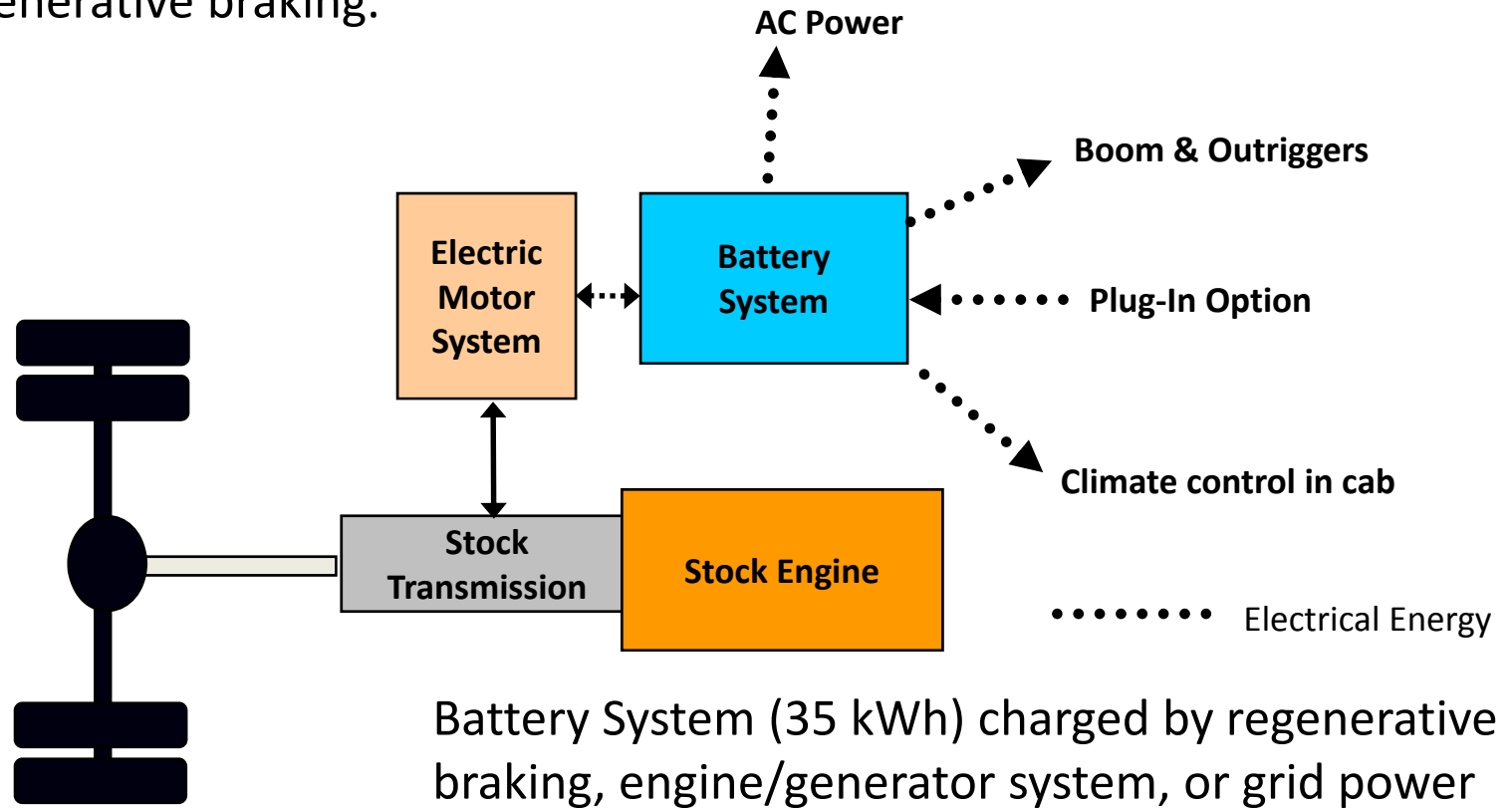
- Improve first generation plug-in hybrid electric medium and heavy-duty trucks
- Develop longer-term advancements such as a combined electric and hydraulic hybrid system, and other hybrid technologies.

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DUECO Plug-in Hybrid

Electric Traction Motor/Generator provides propulsion assist and regenerative braking.



Battery System (35 kWh) charged by regenerative braking, engine/generator system, or grid power through a charging station.