

Plug-In Partners Anniversary Celebration

Technology Update

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❖ Electric Transportation Department
❖ EV Technical Center



SCE “Electric Vehicle” Leadership



- Edison EV built California’s EV charging in ‘90’s
- Today SCE has largest EV fleet in nation
- Evaluating nation’s first PHEV prototype
- 2003 built first “proof-of-concept” heavy duty PHEV utility boom truck
- Leading new utility/EPRI PHEV medium duty utility boom truck program
- Operate nationally renowned EV Technology Center (EVTC)
- Conducting industry leading PHEV battery testing
- Opening new hydrogen refueling test station at our Rosemead California headquarters



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State Of PHEV Technology

Toyota

- o “Hybridizing” entire lineup by 2012
- o Working on PHEV (launch 2009?)

Nissan

- o Announced developing EV and PHEV
- o Launch TBD

Ford

- o Working on “Hyseries” systems (PHEV, PHEVFC, BEV)
- o DC demonstration of PHEVFC Edge prototype

GM

- o PHEV Saturn Vue announcement (launch 2009?)
- o “E Flex” and Volt concept announcement (Launch 2010?)
- o Truck/SUV PHEV announcements TBD

Batteries

- o New DOE announcement?
- o NEC, Cobasys, Johnson Controls announcements
- o Possible product availability within 2 years

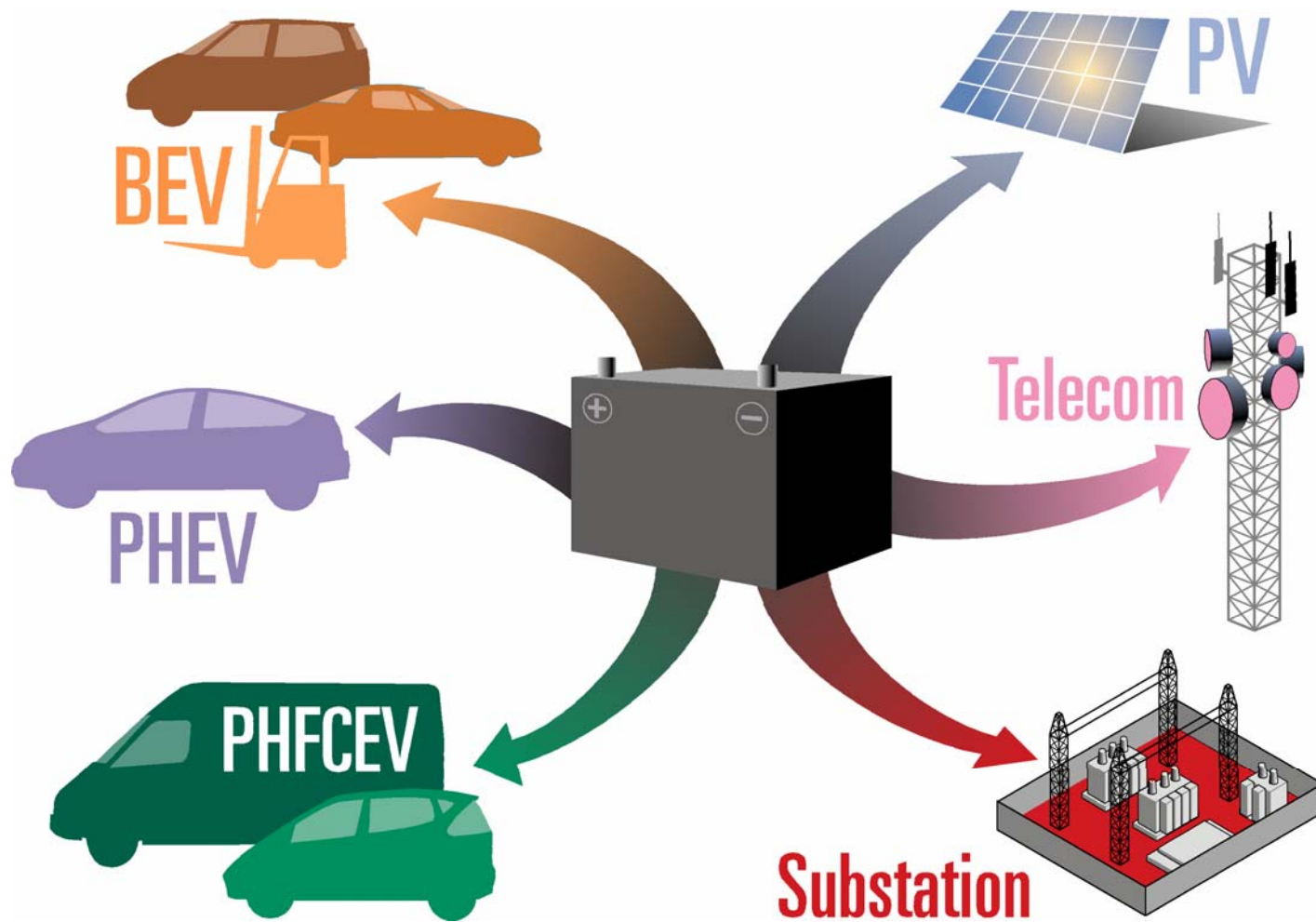


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SCE Vision- Battery Storage a Nexus



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SCE Vision- Grid “Fueling” and Energy Storage

