



# SB 350 Transportation Electrification Applications Overview: Background & Proceeding Process



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## CA Senate Bill 350 (2015)

- SB 350 has requirements for energy efficiency, renewables, integrated resource planning, disadvantaged communities, & more
- Defines TE: Use of external sources of electrical power for:
  - Vehicles, vessels, trains, boats, & other equipment that are mobile sources of air pollution and greenhouse gases
- Directs CPUC, in coordination with ARB and CEC, to direct IOUs to file applications to accelerate widespread TE
  - Obj: reduce petroleum usage, meet air quality standards, improve public health, reduce GHGs
  - Reqt: Min costs, max benefits, don't unfairly compete with non-utility enterprises, performance accountability, ratepayer interests





# CPUC Guidance to IOUs

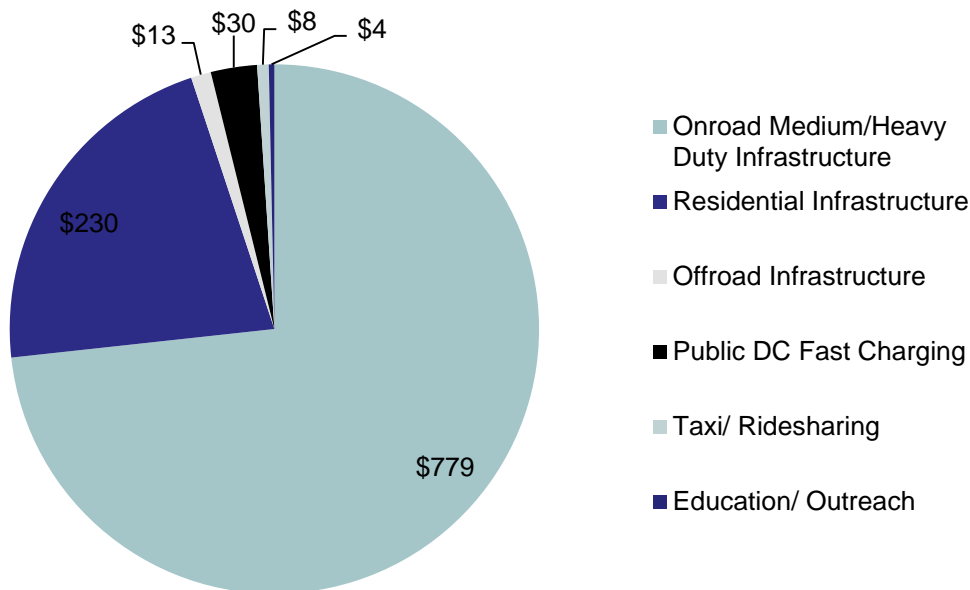
- Basic requirements
  - 3 large utilities file applications by 1/20/17
  - 3 small utilities file applications by 6/30/17
  - IOU must show how proposed TE portfolio meets SB 350 requirements (accelerate TE, minimize costs, maximize benefits, etc.)
- Regulatory review
  - Priority review for non-controversial, short-term (1-year) investments
    - total of \$20M per utility, <\$4M per project
  - Standard Review for all other investments
- Portfolio design
  - Address priority projects & programs
    - Rate design
    - Expand focus from light duty to include medium/heavy, transit, ports, etc.
    - Leverage results of previous pilots
  - Align with local, regional, state TE planning and investments
  - Promote safety



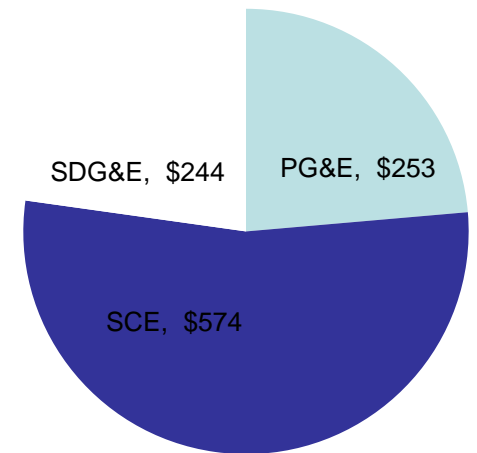


# Large IOU Applications: \$1 billion in funding requested

### Funding Requested by Project Type



### Funding Requested by IOU



	Onroad Medium/Heavy Duty Infrastructure	Residential Infrastructure	Offroad Infrastructure	Public DC Fast Charging	Taxi/ Ridesharing	Education/ Outreach	
	~\$779 M	~\$230 M	~\$13 M	~\$30 M	~\$7.5 M	~\$3.6 M	
SDG&E	Fleet Delivery Services \$3.7 M	Residential Charging Infrastructure \$226 M	Airport Ground Support Equipment \$2.8 M	Electrify Local Highways \$4 M	Taxi/Shuttle/ Rideshare \$3.5 M	Car Dealer Incentives \$1.8 M	Total SDG&E Request: \$244 M
	Commercial Grid Integration Rate	Residential Grid Integration Rate	MD/HD and Forklift Port Electrification \$2.4 M	Public Charging Grid Integration Rate			
SCE	Transit Bus Make- Ready & Rebate \$4 M	Residential Make- Ready Rebate \$4 M	Port of Long Beach Gantry Crane \$4 M	Urban DC Fast Charger Clusters \$4 M	EV Driver Rideshare Reward \$4 M		Total SCE Request: \$574 M
	MD/HD Charging Infrastructure \$554 M		Port of Long Beach ITS Terminal Yard Tractor \$0.5 M				
	Commercial EV Rate Design						
PG&E	MD/HD Fleet \$3.4 M		Idle-Reduction Technology \$3.4 M	Fast Charge Infrastructure \$22 M		Home Charger Information \$1.8 M	Total PG&E Request: \$253 M
	Electric School Bus Renewables Integration \$3.4 M						
	FleetReady Make- Ready Infrastructure \$210 M	PG&E also proposed conducting a request for third-party EV innovators to design a project or program to spend the remainder of its priority review budget (\$6.6 M)					

Priority Review
Standard Review
Rate Design Proposals



## Procedural Next Steps

- 1/20/17: Large IOU Applications sent to service list
- 1/27/17: Applications noticed to Daily Calendar
- 2/7/17: ALJ Ruling establishing Schedule
- 3/6/17: Protests/Responses to Application
- 3/13/17: Responses to Protests
- 3/16/17: Pre-Hearing Conference
  - Discuss scope, schedule, priority review projects, communication standards working group, whether proceedings should be consolidated
- Remainder of procedural schedule determined in Scoping Memo following PHC
- 6/30/17: Smaller IOUs file applications





# Thank you!

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