

Charge Ready Transport: Infrastructure Innovations to Empower Electric Bus Fleets

Katie Sloan

Southern California Edison

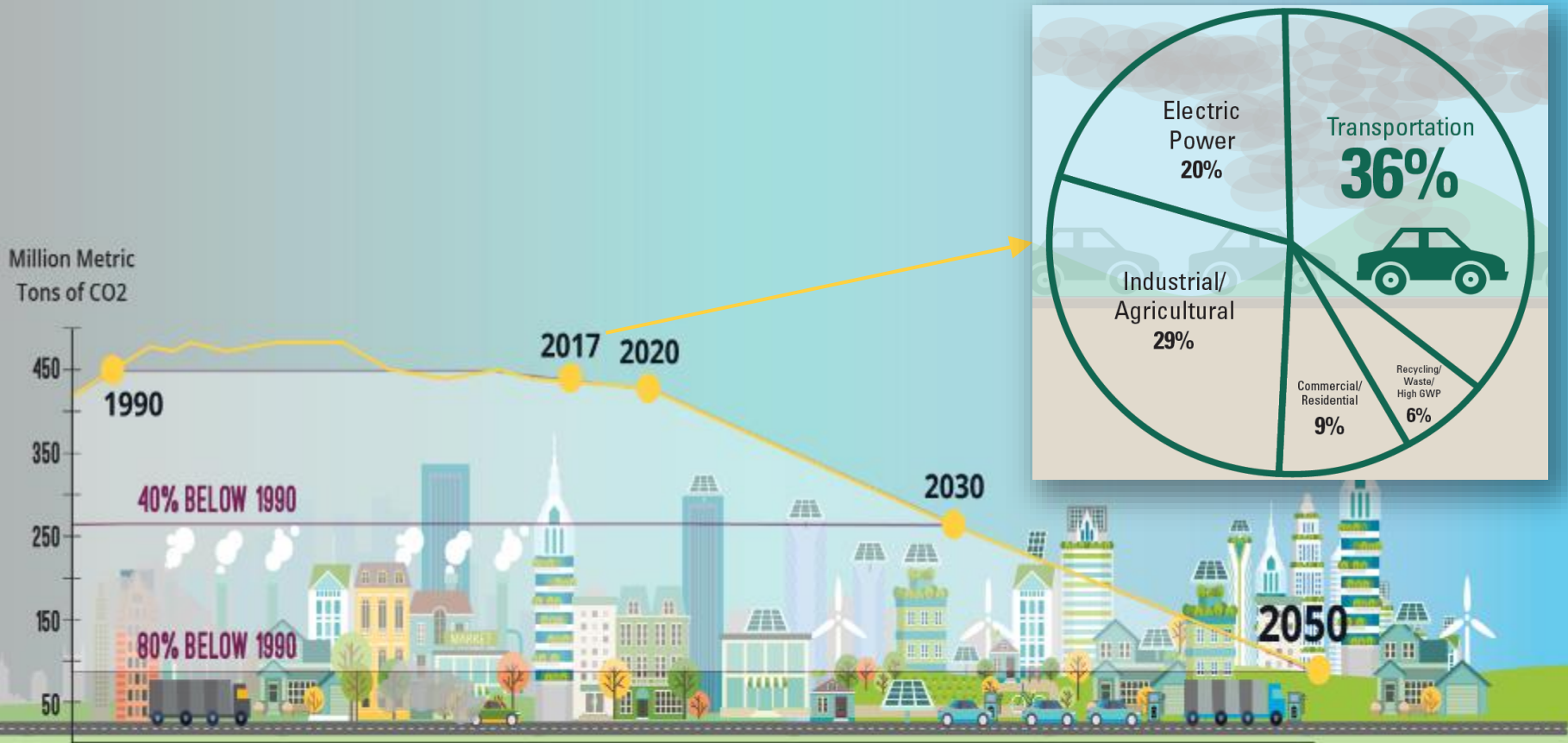
APTA Annual Conference

September 25, 2018

Energy for What's AheadSM

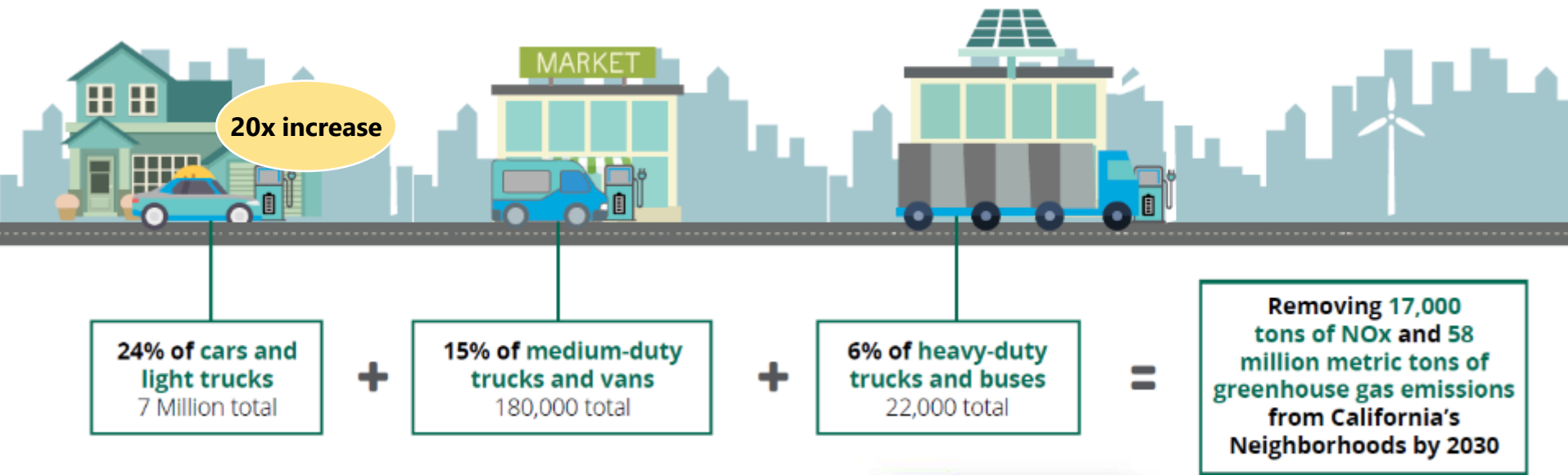


California's GHG Emissions Goals



If we want to get to **zero emissions**, eventually we have to **replace** many of the things we rely on today that require combustion.

A Transportation Electrification Pathway to 2030



Clean Power and Electrification Pathway
white paper available at:
[sce.com/pathwayto2030](https://www.sce.com/pathwayto2030)



SCE Charge Ready Portfolio

Current Programs

Transit eligible programs

Charge Ready Transit pilot

- Deploy **up to 20 charging stations** at approximately four sites
- **Launched on June 2018**
- **Total Budget: \$4 MM**

Charge Ready Transport

- Deploy **charging infrastructure at 870 sites to convert 8,500 vehicles**
- Targeting transit agencies, warehouses (forklifts, delivery trucks), port, and heavy-duty trucks
- **Charging station rebates** for transit/school buses and all sites in DACs
- **Planned launch first half of 2019**
- **Total budget: \$356 MM**

New Commercial EV Rates

- **No demand charges years 1-5**
- Demand charges phased in years 6-10
- EV rates available for separately-metered charging installation



Additional Program and Services



Transportation Electrification Advisory Services

- Perform **rate analyses** to find optimum rate tier
- Perform **fleet assessment** service to calculate GHG reductions and potential LCFS credits
- **Support customer-led projects** outside of programs

Self Generation Services

- **Review plans for solar and battery** storage projects
- **Conduct analysis of feasibility** and customer savings
- Provide a **third-party check on vendor claims**

Online Energy Management Tool

- Displays **usage data**
- Online graphs and data summaries provide **high-level insights**
- Detailed **data available for download** and offline analysis

SCE's Account Managers Support Throughout Process

*Considering an electric bus fleet
in Southern California?*

*Contact me to plan for charging
infrastructure.*

Katie Sloan
Southern California Edison
katie.sloan@sce.com