

Stakeholder Experience and New Ideas to Better Capture the Benefits of Renewable Energy

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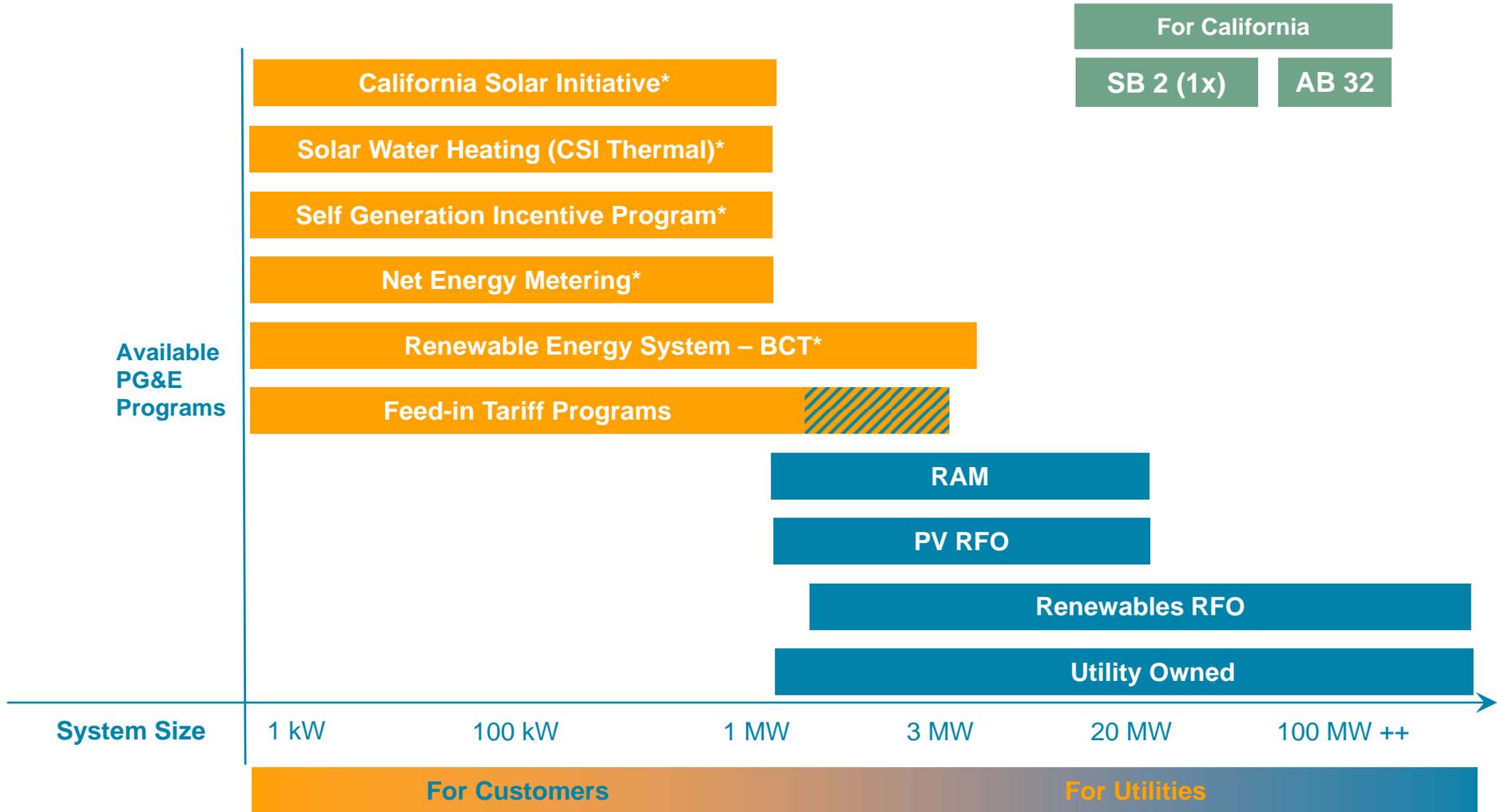
Workshop on Benefits of Renewable Energy
CEC: 2012 Integrated Energy Policy Update
April 12, 2012



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Renewable Energy Programs



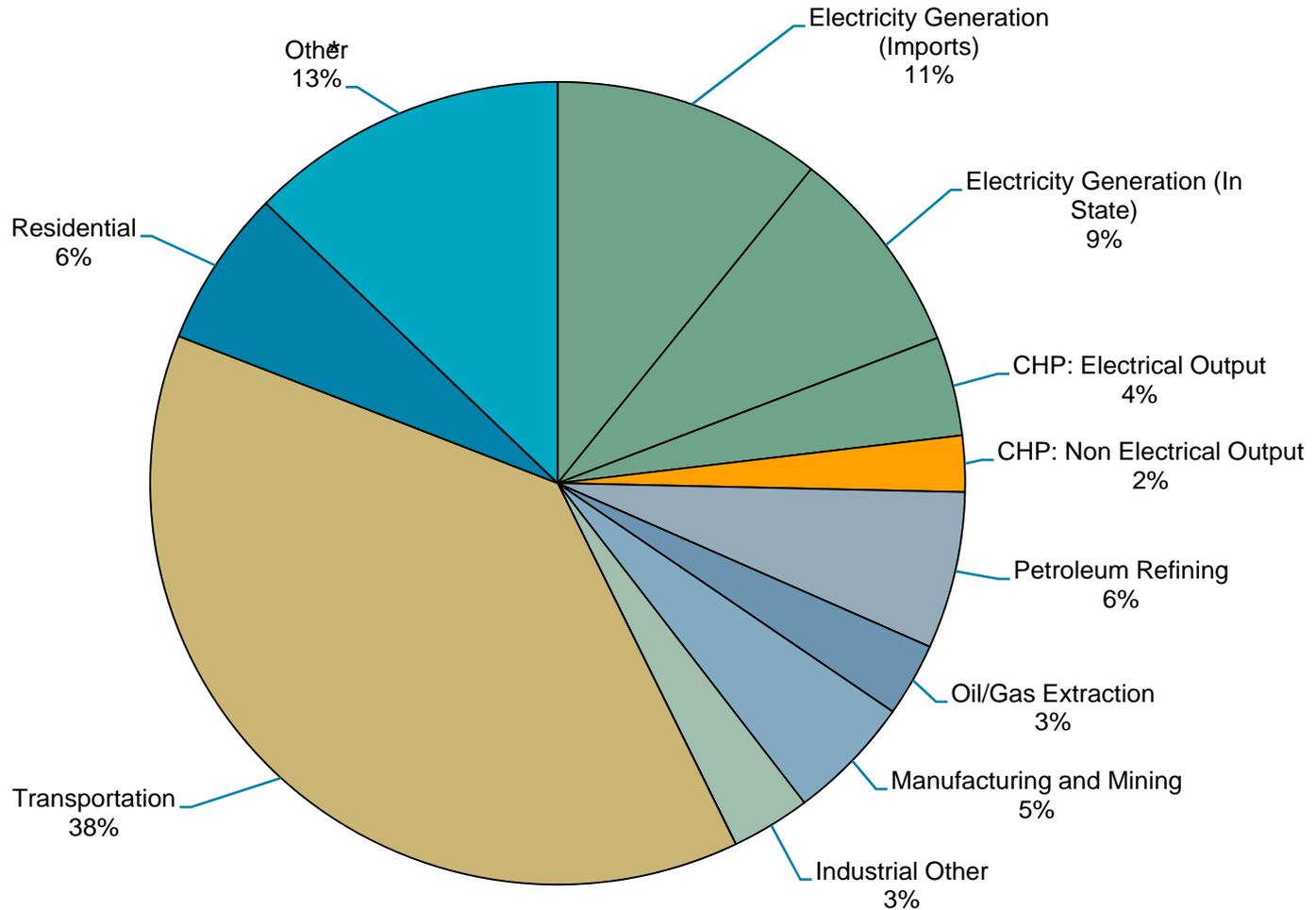
Note: not all programs count towards RPS requirements

 in regulatory proceeding



GHG Emissions by Sector – Statewide

California Greenhouse Gas Emissions – 2009



Source: Data from ARB Greenhouse Gas Inventory: http://www.arb.ca.gov/cc/inventory/data/tables/ghg_inventory_by_sector_00-09_2011-10-26.xls or http://www.arb.ca.gov/cc/inventory/data/tables/ghg_inventory_sector_00-09_sum_2011-10-26.pdf, "Inventory by Economic Sector" showing Total Gross Emissions of 452.97 million metric tons of CO₂-equivalent, accessed April 9, 2012.

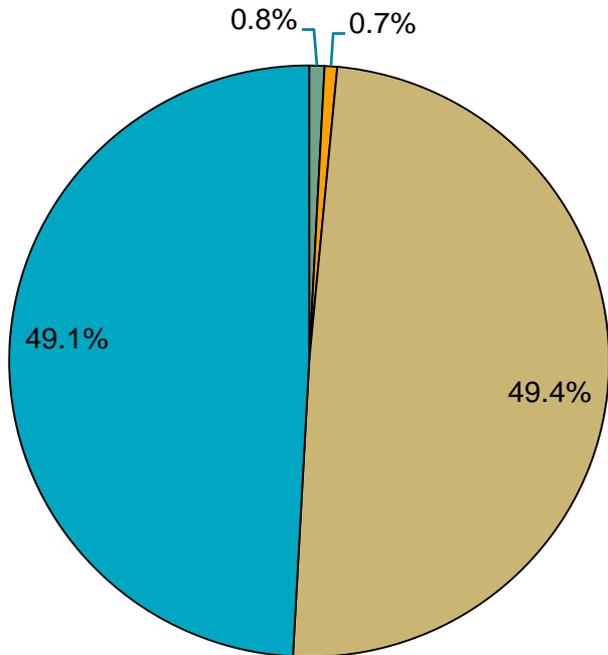
***Notes:** "Other" Category includes Agriculture & Forestry, Commercial and unspecified sources.



Air Pollutant Emissions by Sector – Statewide

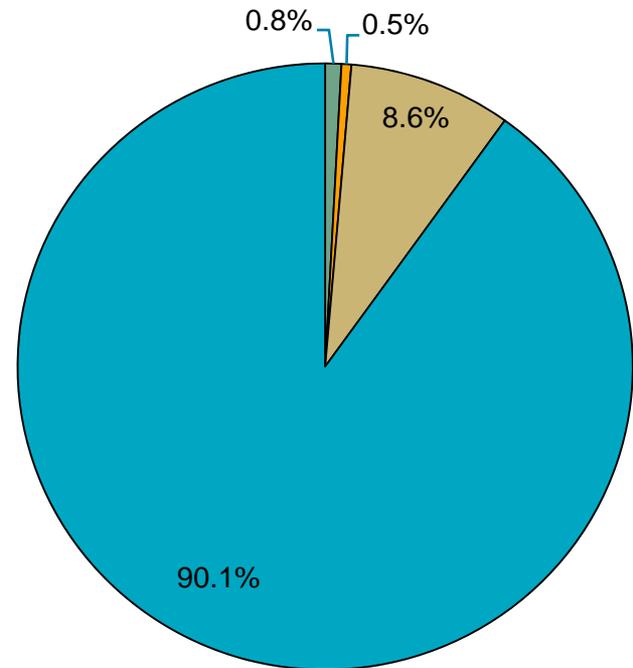
Statewide Emissions 2008 –

NO_x



Statewide Emissions 2008 –

Particulate Matter



- Electric Utilities
- Cogeneration (CHP)
- On-Road Motor Vehicles
- Other*

Source: data from ARB air-pollutant emission inventory, at: http://www.arb.ca.gov/app/emsinv/emssumcat_query.php?F_YR=2008&F_DIV=-4&F_SEASON=A&SP=2009&F_AREA=CA

***Note:** "Other" category includes but is not limited to, ocean going vessels, off-road equipment, trains, farm equipment, manufacturing and fuel combustion, food and agricultural processing, managed burning and disposal, mineral processes, construction and demolition



Evaluation Criteria for Renewable Contracts

PG&E considers a variety of factors consistent with criteria adopted by the CPUC when determining the value of a renewable technology bidding into the RPS competitive solicitations. Other procurement programs established by the CPUC are first-come-first served (small generator feed-in tariff) or are selected primarily upon cost factors (Renewable Auction Mechanism).

