

Overview

- Fast Track Measures 2007 Ozone Plan
- "Perfect Storm"
- Electricity 101 Air Quality Connection
- Electricity Production & Consumption
- Energy Strategy Components
- Review Schedule



2007 Fast Track Emission Reduction Measures

- Green Contracting
- Green Fleets
- · Truck Replacement/Retrofit/Repower
- Short Sea Shipping
- · High-Speed Rail
- Alternative Energy
- Energy Conservation Efficiency
- · Heat Island Mitigation
- Episodic/Regional Controls
- Inland Ports





"Perfect Storm"

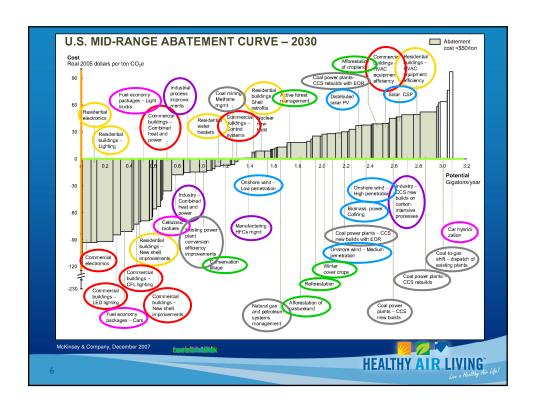
- Need for non-regulatory emissions reductions
- AB 32 greenhouse gas reductions
- American Recovery & Reinvestment Act
 - Significant energy efficiency & renewable energy dollars
- Valley jobs

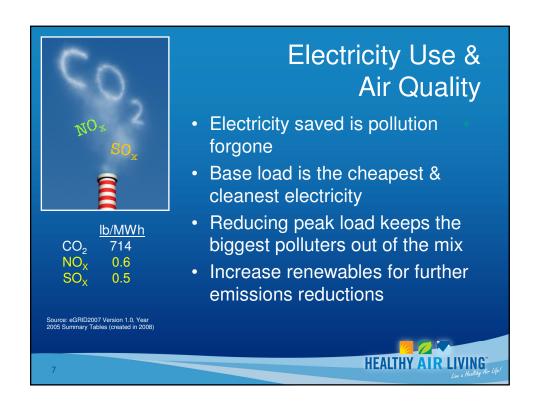


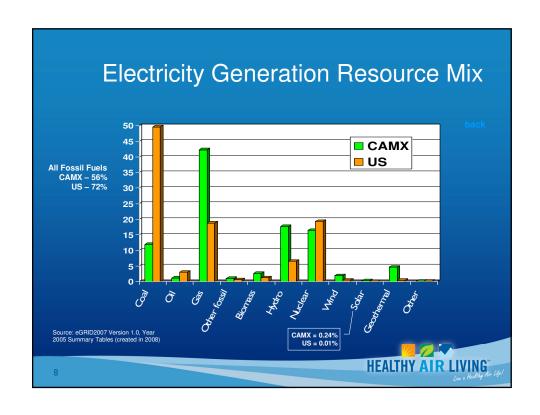
Global Warming Solutions Act of 2006 – AB 32

- ARB Scoping Plan
 - Local government reduce GHGs 15% below today by 2020
 - Energy efficiency is 1st in "loading order" to meet unmet resource needs (SB 1037, AB 2021)
 - Protocols for community emissions beyond municipal to be developed
- District proactive in GHG reduction

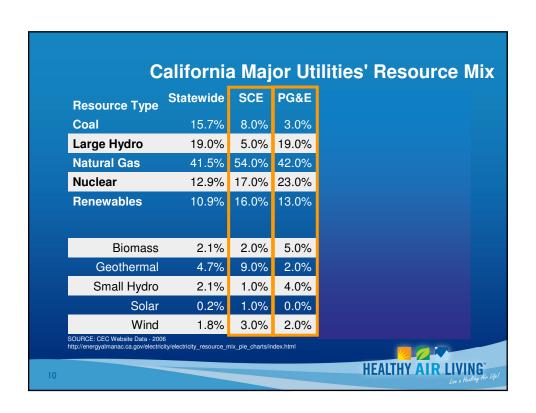


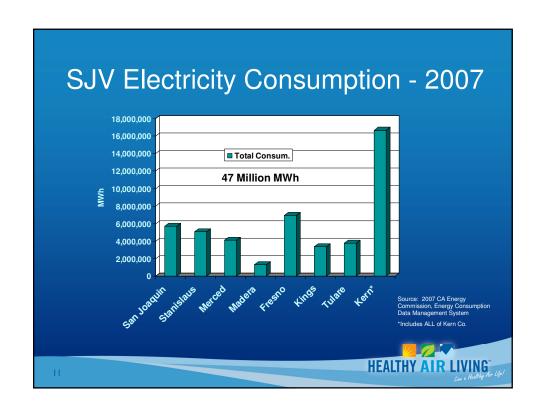


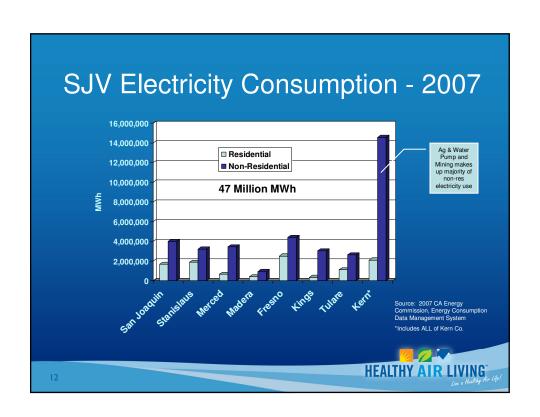




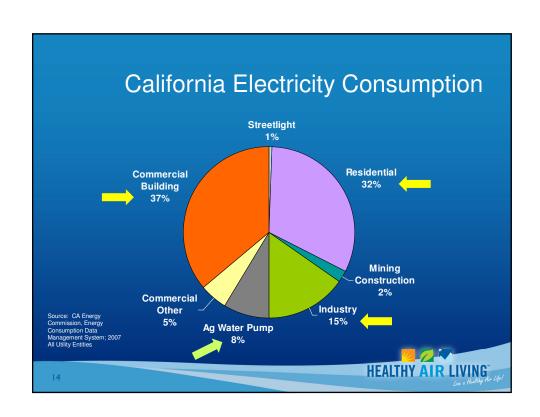
Natural Gas	Large Hydro	Coal	Nuclear	Geothermal	Biomass	Small Hydro	Wind	Solar
45.2%	11.7%	16.6%	14.8%	4.5%	2.1%	2.8%	2.3%	0.2%
13% Imported 87% In-state	34% Imported 66% In-state	92% Imported 8% In-state	20% Imported 80% In-state	97% In-state	13% Imported 87% In-state	56% Imported 44% In-state	16% Imported 84% In-state	99% In-state
ource: Californ	ia Energy Comm	8% In-state	tem Power Repo	ort 2007				0

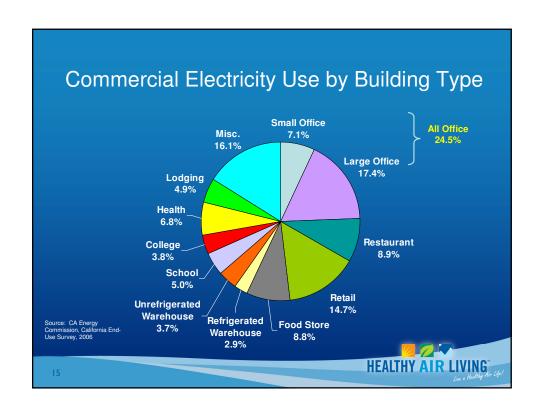


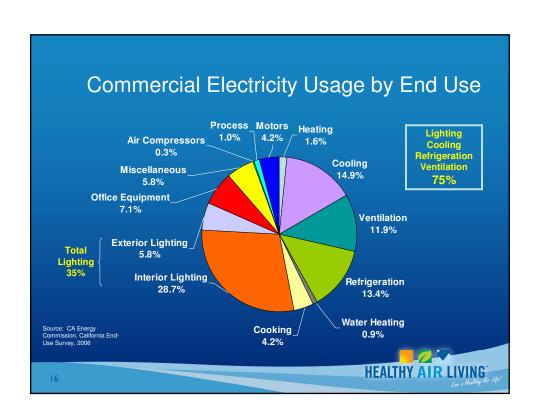




		Net Generat MWh (2009	ion	SJV Ele Consumpt MWh (200	tion		
	San Joaquin	1,416,708	3%	5,697,418	12%		
	Stanislaus	660,675	2%	5,090,413	11%		
	Merced	(362,757)	-1%	4,103,000	9%		
_	Madera	1,365,372	3%	1,351,477	3%		
	Fresno	7,377,418	18%	6,950,632	15%		
	Kings	244,678	1%	3,390,666	7%	Source: 2007 C	
	Tulare	213,746	1%	3,780,552	8%	Energy Commission, Energy Consumption Da	
Source: eGRID200' Version 1.0, Year 2005 Summary Tables (created in 2008)	Kern	30,461,978	74%	16,647,559	35%	Management System	
	Total	41,377,817		47,011,717		Kern Co.	
13			12%	HEALT	HY AIR	LIVING Live a Healthy Air Life	







Energy Action Plan

- 2007 Ozone Plan Fast Track to attainment
 - Non-regulatory emissions reductions
- · Outreach, Information & Education
- Tools for Residential, Commercial/Industrial, Local Government
 - Templates for successful energy efficiency & green fleets programs
- Grants Program
 - Expand existing opportunities
 - New grant opportunities

17



Outreach, Education & Information

- Healthy Air Living
- Targeted Outreach
 - Local Government
 - Minority Small Business
 - Neighborhood Groups
 - Industrial Regulated Sources
 - Ag Regulated Sources
- · Comprehensive Energy Website

HEALTHY AIR LIVING

Tools & Products

- Residential Templates
 - Categories of homes
 - Efficient efficiency
- Commercial Templates
 - Energy audit
 - Simple work practices
 - Long-range strategies for sustainable efficiencies and renewables



19

More Tools & Products

- Industrial Templates
 - Processes & operations
 - Office efficiencies
- Municipal Templates
 - Energy policies
 - Implementation assistance
- Fleets
 - Fuel efficiency, fleet minimization
 - Alternative fuels
 - CNG/LNG
 - · Electric with solar recharge

HEALTHY AIR LIVING

In-House District EE Strategy

- Energy Conservation Committee
- · Look for quick fixes with little or no cost
- PG&E energy audit
- Survey employees health, comfort, productivity
- Develop a strategy for long-term solutions that may require budgetary considerations
- Evaluate possibilities for on-site alternative energy sources and "green" fleet options
- Monitor savings costs & emissions
- Certification ENERGY STAR[®], LEED

HEALTHY AIR LIVING

21

Grants & Incentives

- Expand ERIP to include energy efficiency
- Broad spectrum of assistance
- EE projects that improve air quality
 - Technical assistance for grant applications
 - Letters of support from AQ perspective
 - Grant administration with partners



HEALTHY AIR LIVING

Partnerships

- Coordination is key
 - Message
 - Programs
- Next two years
 - SJVCEO
 - ARRA funds and projects
- Utility Partners best way to reach multiple markets/customers so that efforts are not duplicated



23

Review Schedule

- Fast Track Task Force June 16
- Public Energy Forum July 14
 - Present draft
 - Comment period
 - Revised draft
- Governing Board September 17



