



California Environmental Protection Agency

AIR RESOURCES BOARD

Update on Renewable Energy Activities



California Air Resources Board

April 28, 2011

Recent Activities

- ◆ RES approved by Board in September 2010
 - Staff has been finalizing rulemaking package
- ◆ 2011 legislation (SB 2)
- ◆ Bill signed by Governor Brown on April 12, 2011
- ◆ SB 2 comparable to RES
 - Covered entities
 - Benefits



Renewable Targets in SB 2

- ◆ Requires 33 percent of retail sales from renewable resources by 2020 and beyond
- ◆ Interim targets to ramp-up renewable energy procurement



Comparison of SB 2 to RES

- ◆ Interim renewable targets
 - Ensures progress towards 33%
 - Two interim targets
- ◆ In-state vs. out-of-state generation
 - Increases in-state generation with time
 - 75% after 2016



Benefits of SB 2

- Reduce 13 million metric tons of GHG emissions
- Reduce thousands of tons of criteria and toxic pollutant emissions in the State
- Diversify energy supply
- Promote energy security
- Support creation of new green jobs

Agency Responsibilities

- ◆ CPUC oversees IOUs
- ◆ CEC oversees POUs
- ◆ ARB issues penalties for POUs, not to exceed CPUC penalty structure
- ◆ Legislature requested to consider amendments to provisions

Next Steps

- ◆ SB 2 and RES are comparable programs
- ◆ SB 2 supports AB 32 and other State energy and environmental goals
- ◆ Staff will collaborate with energy agencies to implement SB 2
- ◆ Staff will not finalize RES