











CARB Board Resolution

Board Resolution 17-46

"...the Board hereby determines that the Final Plan should inform the preliminary 2030 GHG planning target range for the electricity sector, which in coordination with the California Public Utilities Commission and the California Energy Commission, will be evaluated and revised, as appropriate, as part of the Board's process to establish GHG planning targets for the electricity sector and each load-serving entity for use in Integrated Resource Plans pursuant to SB 350."

	1990	2030 Scoping Plan Ranges
Agriculture	26	24-25
Residential and Commercial	44	38-40
Electric Power	108	30-5357
High GWP	3	8-1148
Industrial	98	83-90**
Recycling and Waste	7	8-970
Transportation (Including TCU)	152	103-111
Natural Working Lands Net Sink*	.7***	TBD
Sub Total	431	294-339
Cap-and-Trade Program	n/a	34-79
Total	431	260
Source: 2017 Scoping Plan	, Table 3.	
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Electricity Sector GHG Emission Range in Scoping Plan

- Scoping Plan provides scenarios that achieve SB 32 target economy-wide 2030 GHG emissions of 260 MMTCO₂e
- Energy demand and supply measures not specified in all scenarios to allow market forces to determine cost-effective options
- Electricity sector GHG emissions range from 30 - 53 MMTCO₂e reflecting uncertainty in both electricity demand and supply



Source: 2017 Scoping Plan, Table 3



Cap-and-Trade EDU Allocation Methodology for Initial Targets

- Estimates the cost burden to electric ratepayers of compliance with the Cap-and-Trade Program
 - Cost burden is the anticipated incremental cost of power to serve load due to the requirement to surrender compliance instruments in the Cap-and-Trade Program
- Utilizes EDUs specific demand and supply forecasts and resource specific emission factors to estimate future emissions and cost burden
- Provides a transparent and consistent methodology as the basis for apportioning the 2030 planning targets ranges among EDUs











Updates to IRP Targets

 CARB proposes to update the electricity sector GHG planning target ranges on a five-year cycle, as needed

- DOUs required to submit updated IRPs to CEC at least once every five years
- CPUC IRP process repeats every two years
- Individual LSE and POU GHG planning target ranges can change without triggering a change in the electricity sector range
 Delegation of authority to CARB Executive Officer
- CARB may revise electricity sector range in advance of a planned update based on materially changed circumstances
- CPUC and CEC may use their inherent regulatory authority to further implement or impose IRP requirements on LSE and POUs within the GHG ranges established by CARB



Environmental Analysis

- Environmental Analysis (EA) being prepared, analyzing potentially significant adverse impacts caused by reasonably foreseeable actions
- Meets requirements of CARB's certified program under the California Environmental Quality Act (CEQA)
- The CEQA Environmental Checklist (CEQA Guidelines Appendix G) is used to identify and evaluate potential indirect impacts
- The EA will be an appendix to the Staff Report





