

# Overview of the CEC/CPUC Staff Proposal for Electricity Sector Reporting

Presented at the ARB Power/Utilities  
Technical Discussion on Mandatory  
Reporting  
CalEPA Headquarters, Sacramento  
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# Categories of Power Sources for Reporting Purposes

- Specified Sources
  - Owned/Partially Owned Facilities
  - Qualifying Facilities
  - Specified Contracts
- Unspecified Purchases
  - Asset Owning Suppliers
  - Marketers and Brokers
  - Electricity Markets

# Conditions for Specified Sources

- Need to Limit Potential for Contract Shuffling
- Full or Partial Ownership Shares
- Pre-Construction Power Purchase Agreements

# Assigning Emissions to Unspecified Purchases

- Regional Default Emission Factors
  - Pacific Northwest
  - Southwest
  - California
- Possible Differentiation for Asset Owning Suppliers
- Emission Factors Based on Marginal/Net System Resources

# Proposed Initial Emission Factors

TYPE OF PURCHASE	RESOURCE TYPE	CO2 EMISSION FACTOR (LBS/MWH)
Northwest unspecified marginal generation	69% carbon-free, mostly hydro	Use default rate of 419
Southwest unspecified marginal generation	90% gas, 10% coal	Use default rate of 1,075
CAISO real time energy pool	Balancing energy <i>Mostly gas and hydro</i>	Use default factor of 900
CAISO Integrated Forward Market (pool)	All fuels, both in and out of state	Use default factor of 1,000
Other in-state unspecified sources	Unknown	Use default factor of 1,000
Out-of-state specified sellers (system purchase from asset-owning entity)	Depends on seller	Request seller to obtain system average certification from ARB, net of resources claimed to serve native load

# Adjustments for Wholesale Sales

- What Resource Mix is Assigned to Sales?
- Own-Generation Method (Own Assets)
- Pass-Through Method (Purchases)
- All-In (a Mix of Own Generation and Purchases)
- Recommendation: Adjusted All-In that Accounts for Claimed Resources (e.g., renewables)
- May Also Permit Specified Sales