



# California's Oil & Gas Industry

Western States Petroleum Association / [wspa.org](http://wspa.org) / [@OfficialWSPA](https://twitter.com/OfficialWSPA)

# Refining Industry in California

**1965**

Population: 18.6 million

Gasoline demand: 5.6B gallons/year

Refineries: 40+



**Today**

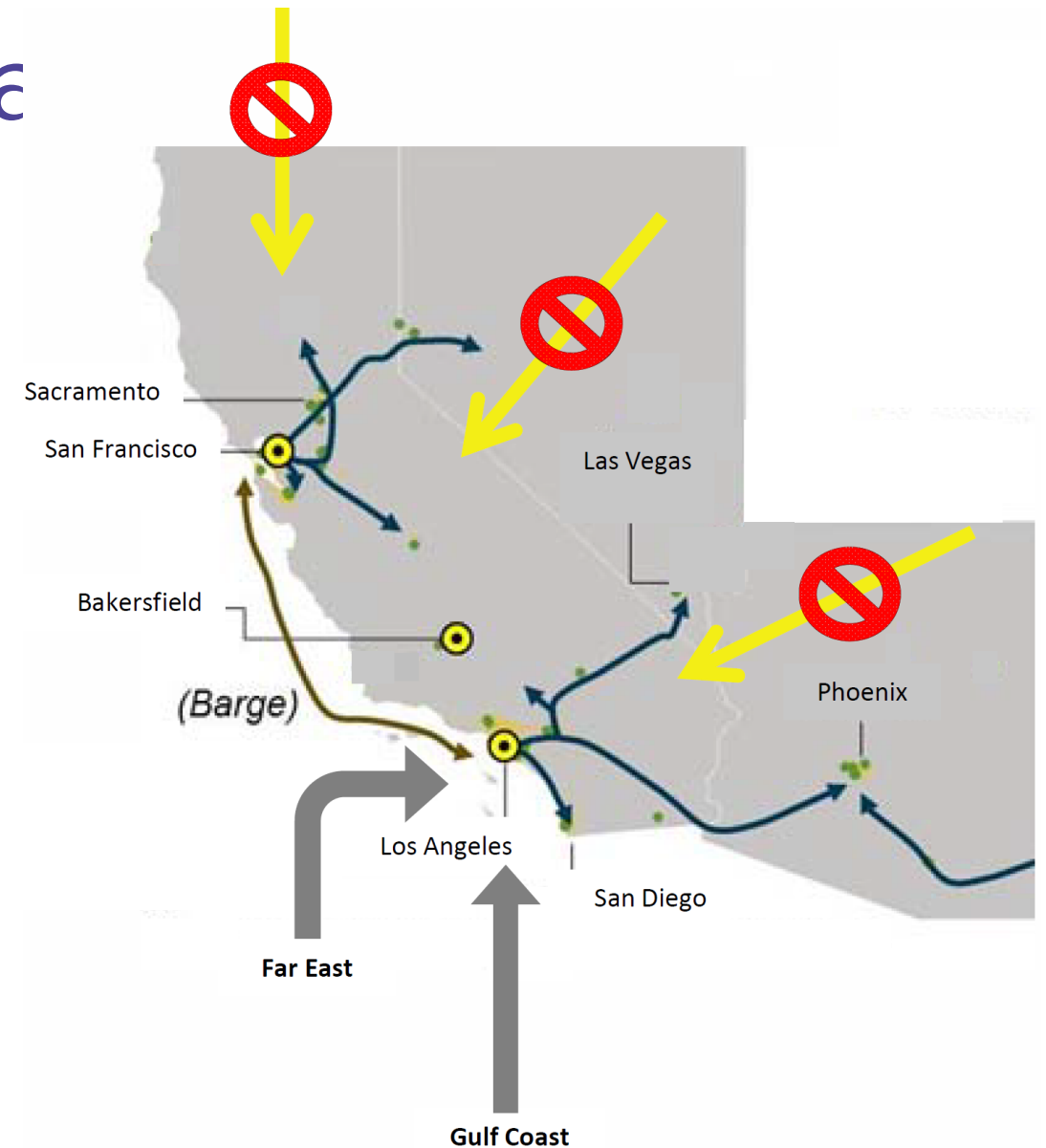
Population: 39.2 million

Gasoline demand: 15.2B gallons/year

Refineries: 12

# California is an Energy Island

- **Logistical and Geographic Isolation**
  - Fuel market is nearly self-sufficient; no product pipelines coming into the state
  - Marine deliveries from Gulf Coast and Far East are generally schedule and cost prohibitive
- **Unique Fuel Specifications**
  - California Air Resources Board (CARB) reformulated gasoline (Phase I, II, III)
- **Highly Regulated**
  - Regulatory agencies have significant authority
- **Public Scrutiny**
  - Industry operations must also be a good neighbor



# Purpose

“2019 Report Oil & Gas in California: The Industry, Its Economic Contribution and User Industries at Risk” examines the economic contribution of the oil and gas industry in California for the year 2017, the most recent annual data available.

The report provides an informative perspective as well as a deep data analysis that highlights facts about the oil and gas industry and the integral role it plays in the state’s economic infrastructure.

The study was conducted by the Los Angeles County Economic Development Corporation (LAEDC).

# Petroleum's Role in California's Economy

365,970

Total Jobs  
supported by the oil  
and gas industry.

Total economic output  
contributed to CA's economy:

152.3B

2.1% of the state's  
Gross State Product

\$21.8B

Tax Revenue  
Contributions



Economic Development



Public Safety



Healthcare



Education



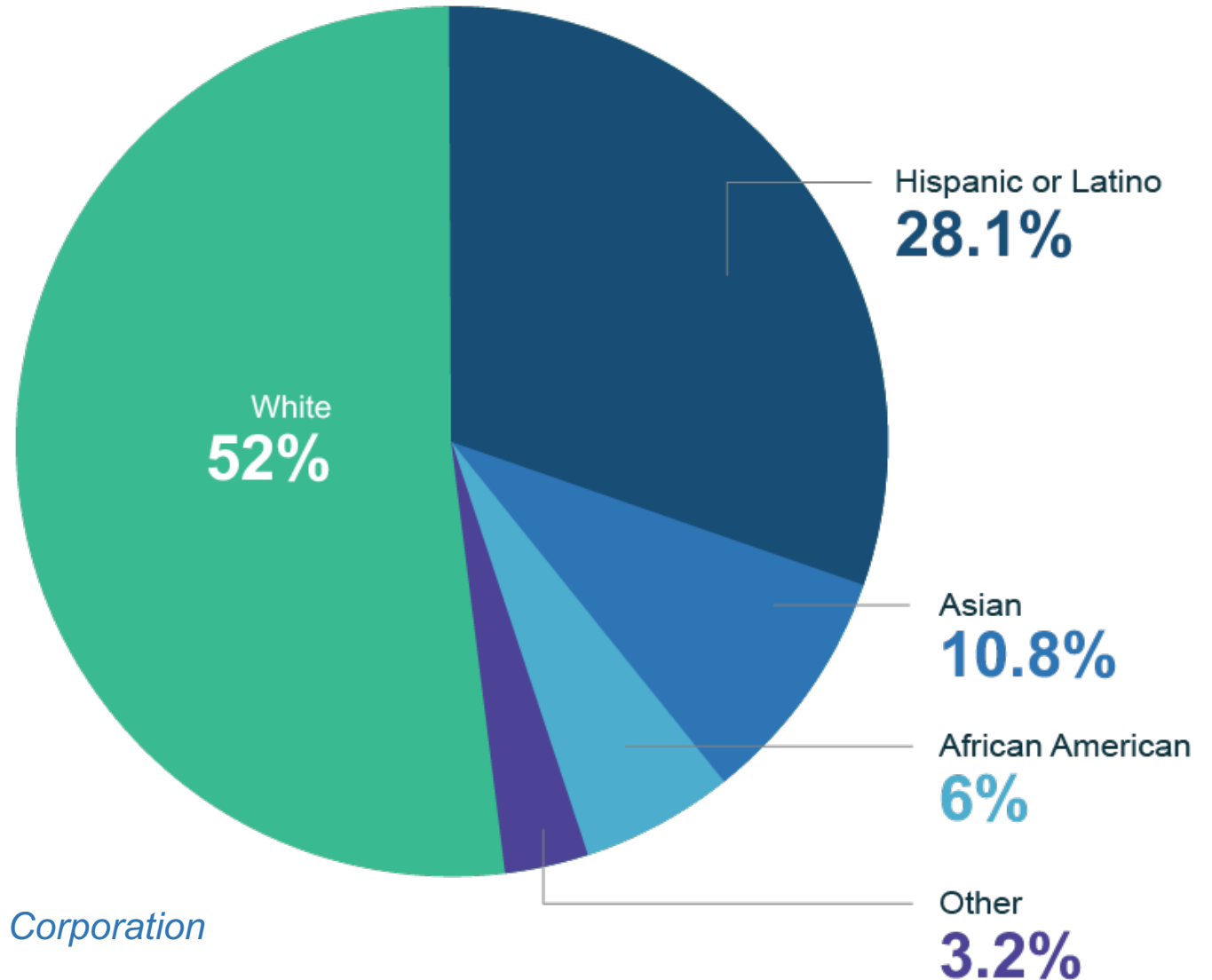
Infrastructure



Transportation

# Racial and Ethnic Diversity

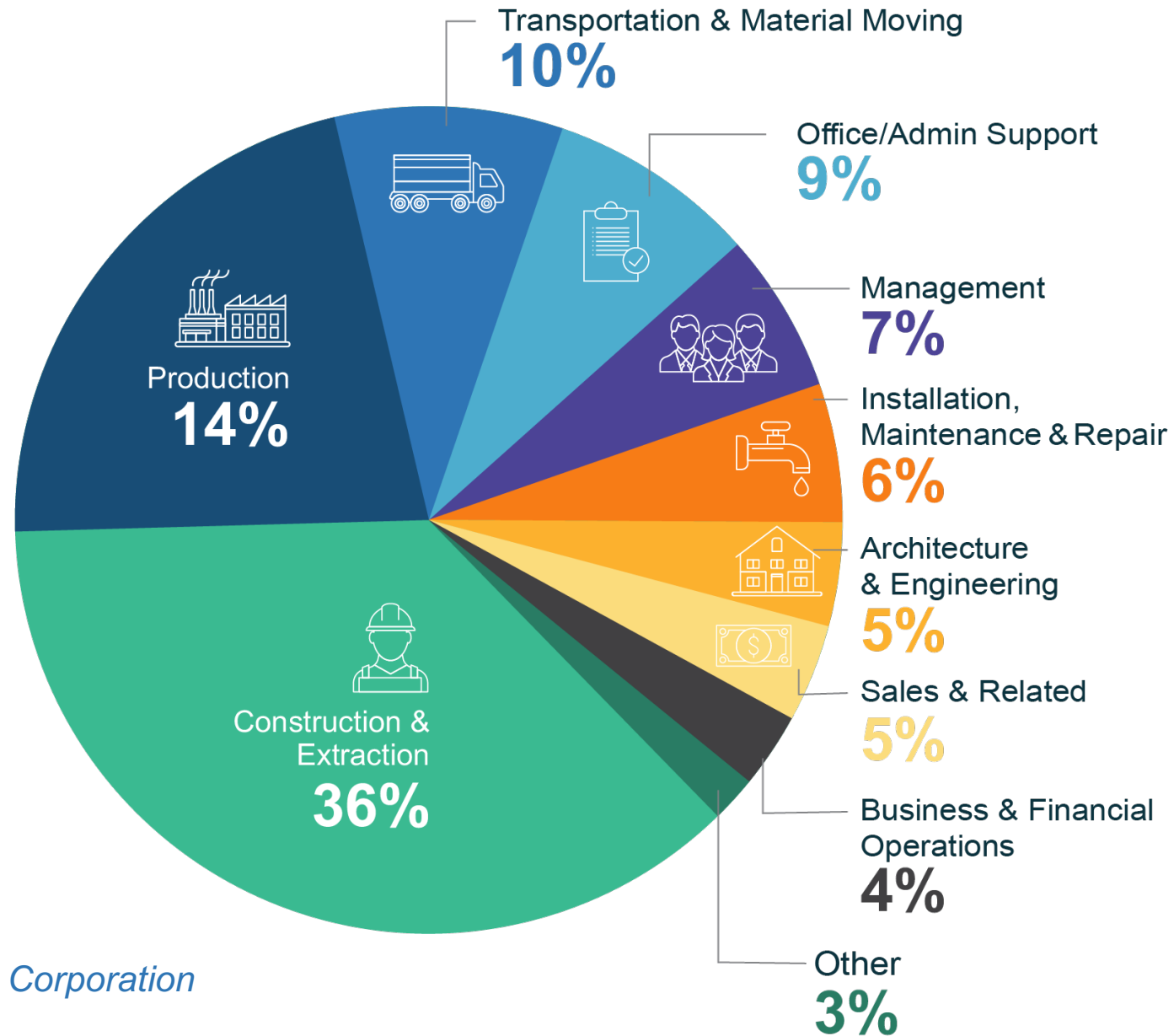
Employment Distribution  
by Race and Ethnicity  
in California



Source: Los Angeles County Economic Development Corporation

# Occupational Distribution of Oil & Gas Industry

(Excluding Gas Station Industry)



Source: Los Angeles County Economic Development Corporation

# Average Annual Wage

**\$80,500**

Average Annual Wage for  
Oil & Gas Industry Employees

High wage positions across the spectrum:

**\$81,580** Refinery Operator

**\$87,330** Extraction Worker

**\$114,230** Mechanical Engineer

**\$139,330** Petroleum Engineer

**\$152,490** Construction Manager

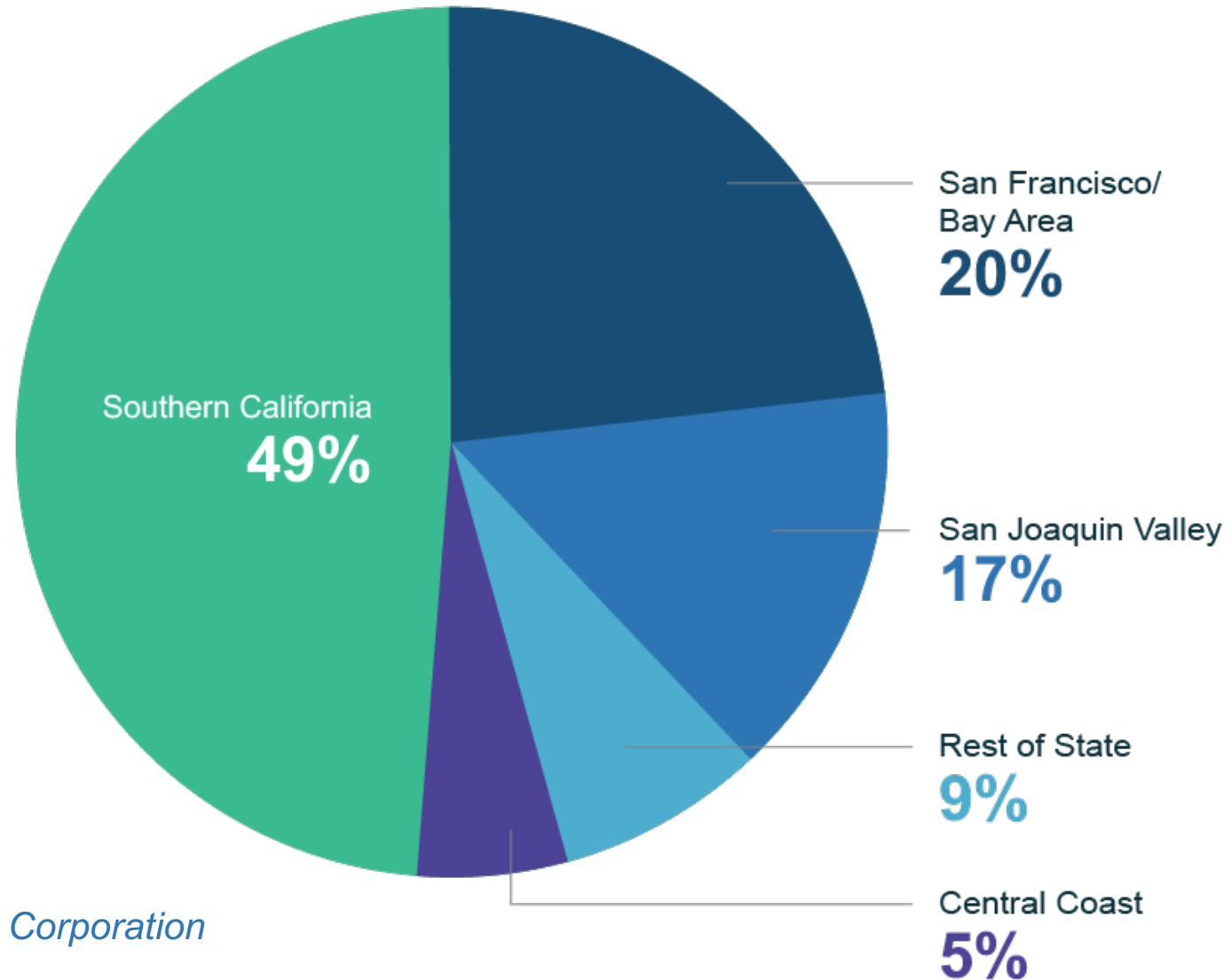


# Oil & Gas Direct Employment by Sub-Region 2017

# 152,100

Californians Directly Employed  
by the Oil and Gas Industry

*Source: Los Angeles County Economic Development Corporation*





## From Sonoma County south to Santa Clara County, the Bay Area plays an integral role in California's oil and gas industry

Richmond in Contra Costa County is home to one of the three largest refineries in California. As a region, the Bay Area manages 44% of the oil refining capacity in the state.



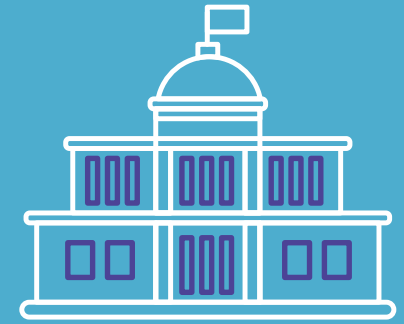
**26,686**

Bay Area residents directly employed by the oil and gas industry



**1.4%**

Share of Jobs in the region



**\$3.4B**

State & Local Tax Revenue



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**81,510**

Total number of jobs in the Bay Area supported by the oil and gas industry

That's enough people to fill Oracle Park nearly two times \*



**\$6.4B**

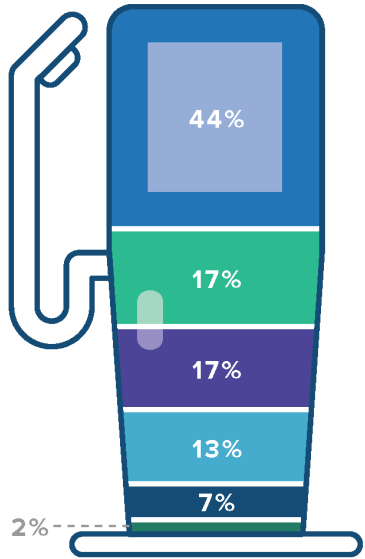
Total wages and benefits that are reinvested into the local economy for homes, transportation, food, etc.



**\$51.6B**

Total Economic Contribution

That's billions that boost manufacturing, logistics, banking, construction and many other economic sectors in the region\*\*



Source: California Energy Commission, Stillwater and Associates

**Disclaimer:** This infographic shall not be construed as a forecast of fuel prices. The basic rules of supply and demand have an impact on the price of gasoline. Additionally, local taxes and fees also account for the cost of gasoline to consumers.

Effective as of 24 February 2020

cents/gallon

**47.3** STATE  
EXCISE TAX

+ **18.4** FEDERAL  
EXCISE TAX

+ **22.8** LOW CARBON  
FUEL STANDARD

+ **14.3** CAP-AND-TRADE

+ **7.5** STATE & LOCAL  
SALES TAX

+ **2** STATE UNDERGROUND  
STORAGE TAX

**TOTAL**  
**1.12** DOLLARS/GALLON

## Consumption

**30%**

Population Increase Predicted.  
from 39 million in 2015 to 50 million people in 2050

*Pew Research Center*

Consumed daily in California:

**48M**  
Gallons Gasoline

**10M**  
Gallons Diesel

**1.7M**

Barrels of Oil a Day Processed by  
CA Refineries.

Imports of foreign oil are expected to increase as CA  
production continues to decline.

*Source: California Energy Commission (CEC)*

# We Matter Now More Than Ever!

## THE WALL STREET JOURNAL.

### *California's Blackout Warning*

Anti-fossil fuel mandates are leading to electricity shortages.

## Forbes

Why California's Climate Policies  
Are Causing Electricity Blackouts

The  
Mercury  
News

California grid operator warned of power shortages as state transitioned to clean energy



Cathy Reheis-Boyd  @WSPAPrez · 31m

WSPA members are problem solvers! Because of them nearly 220 megawatts of energy – enough to power almost 180,000 homes for a year – went back into the CA grid. Delivering safe & reliable energy is what they do.

[#PowerInEverybody](#)



WSPA President's statement on California power outages - Western Stat...

WSPA President Catherine Reheis-Boyd comments on California's current energy shortfalls and resulting power outages: "Today, WSPA members ...

[wspa.org](#)



## WSPA President's statement on California power outages

*“Today, WSPA members have responded to Governor Newsom’s call and have diverted nearly 220 megawatts of energy – enough to power almost 180,000 homes for a year – back into the grid to address this crisis.*

*These blackouts are a direct result of the extreme, unrealistic and misguided all-electric energy policies being forced on Californians. These policies have demonized oil and natural gas and the people working in our industry to provide safe, affordable and reliable energy to the state.*

*It’s time to turn away from extremist agendas and rebalance and recognize the role of oil and natural gas in our energy future. Renewables are important, it’s why so many oil and gas companies are bringing renewables online. But it’s not enough and won’t be for the foreseeable future.”*

