

# CleanPowerSF's 2022 Integrated Resource Plan

## Our Roadmap to 100% Renewable Energy

CleanPowerSF's Integrated Resource Plan (IRP) is a roadmap for serving our customers' energy demand. The IRP identifies our energy resource investment needs over the next 20 years and helps us weigh trade-offs between factors like cost and accelerating our path to 100% renewable energy.

The IRP process requires CleanPowerSF to select a preferred resource portfolio that best balances our core program goals:



Affordability



100% renewable energy by 2025



Local clean energy investment and jobs

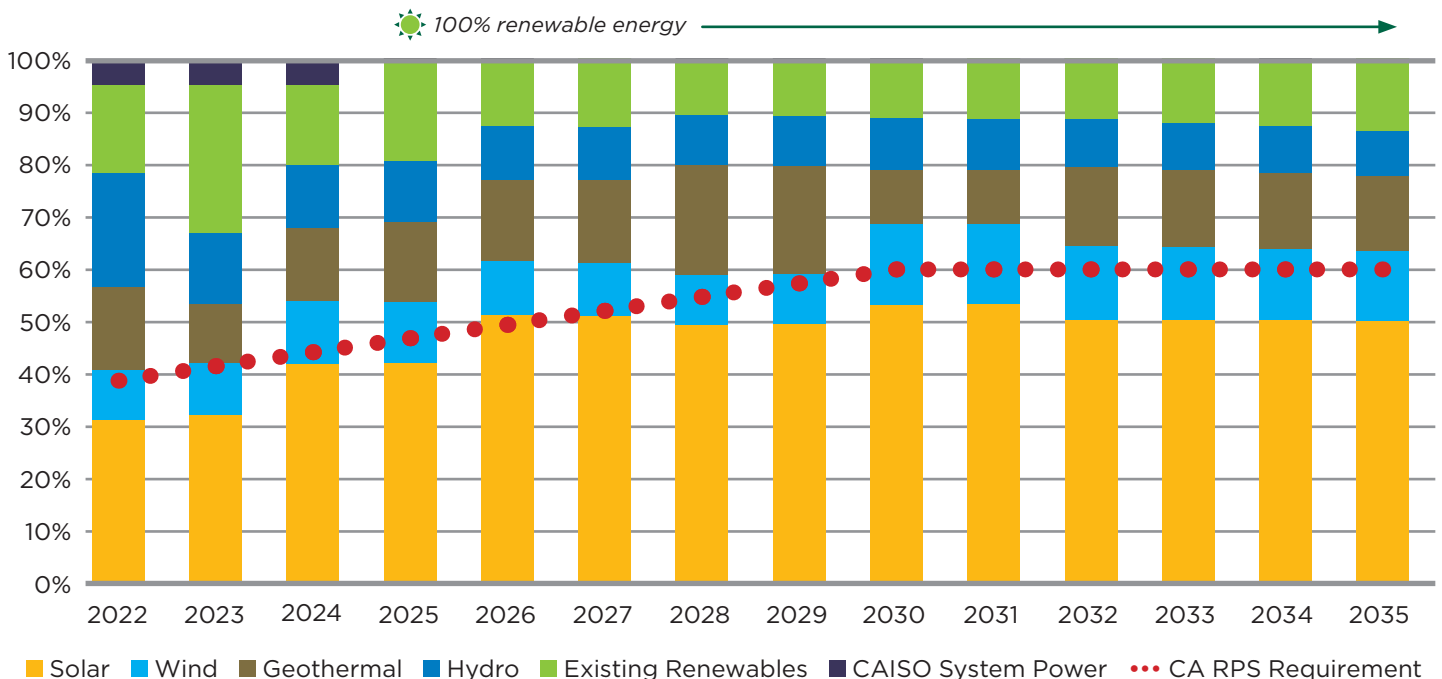
### CleanPowerSF's Path to 100% Renewable Energy

The 90% Time Coincident Portfolio achieves the City's 100% renewable goals in 2025, exceeding California's clean energy goal for the electric sector by 20 years.

The State of California requires all electricity providers to submit an IRP every two years. CleanPowerSF's 2022 IRP was submitted to the California Public Utilities Commission (CPUC) on November 1, 2022.

### CleanPowerSF's 2022 Preferred IRP Portfolio: 90% Time Coincident Case

- Renewable generation coincides with customer usage at least 90% of all hours
- Charts path to reach 100% renewable and/or GHG-free by 2025
- Includes new local resources: 80.6 MW solar and 75 MW battery storage in the 9 Bay Area counties
- Approximately \$600-700 million in local Bay Area renewable energy investments
- Exceeds California's state clean energy goal by 20 years



# CleanPowerSF New Renewable Energy Projects

## EXISTING ONLINE PROJECTS

### Solar

105 MW

### Solar + Storage

250 MW

### Wind

110.4 MW

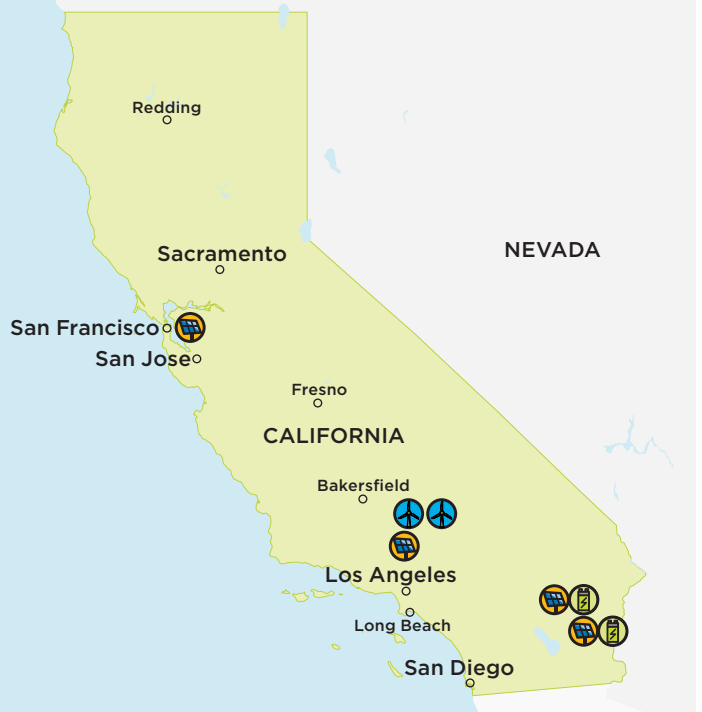
## NEW PROJECTS IN 2035 PREFERRED PORTFOLIO

### Bay Area

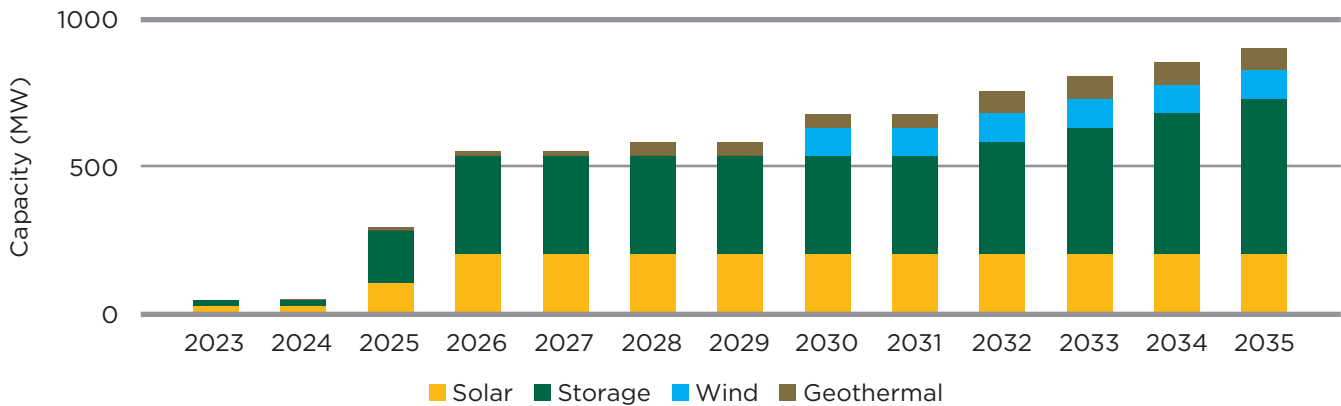
80.6 MW Solar  
150 MW Battery Storage

### California

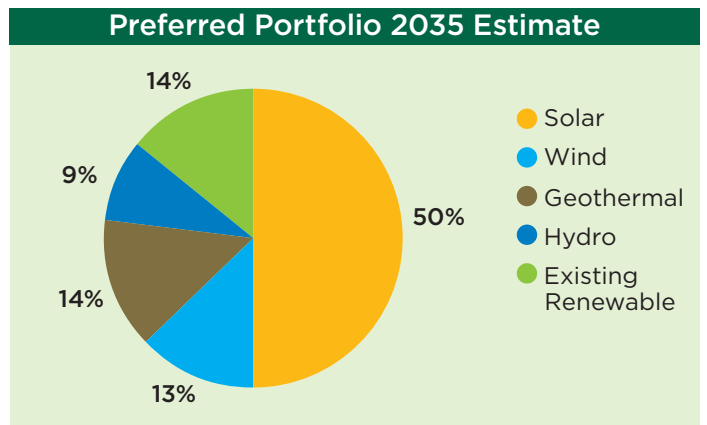
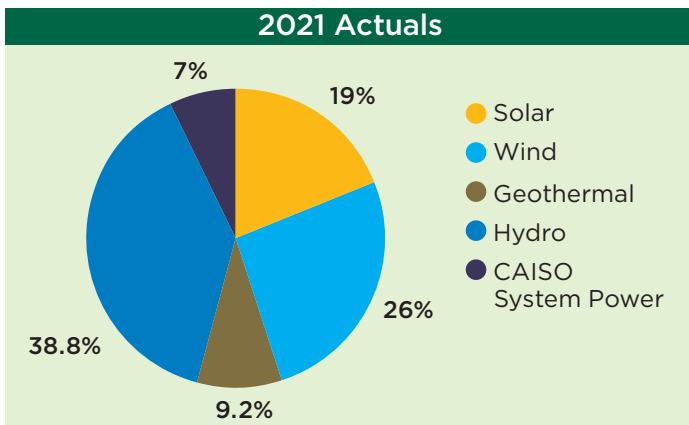
190 MW Solar + Storage  
321.8 MW Battery Storage  
79.3 MW<sup>1</sup> Geothermal  
100 MW Wind



## New Resource Capacity Build



## CleanPowerSF's Energy Mix



For more information about CleanPowerSF's 2022 IRP, visit [cleanpowersf.org/resourceplan](https://cleanpowersf.org/resourceplan).

<sup>1</sup> A portion of new geothermal is expected to be located in Nevada and is part of a portfolio of geothermal resources in California and Nevada under contract.