# U.S. EPA Pacific Southwest Region Preferred Site Characteristics for Renewable Energy

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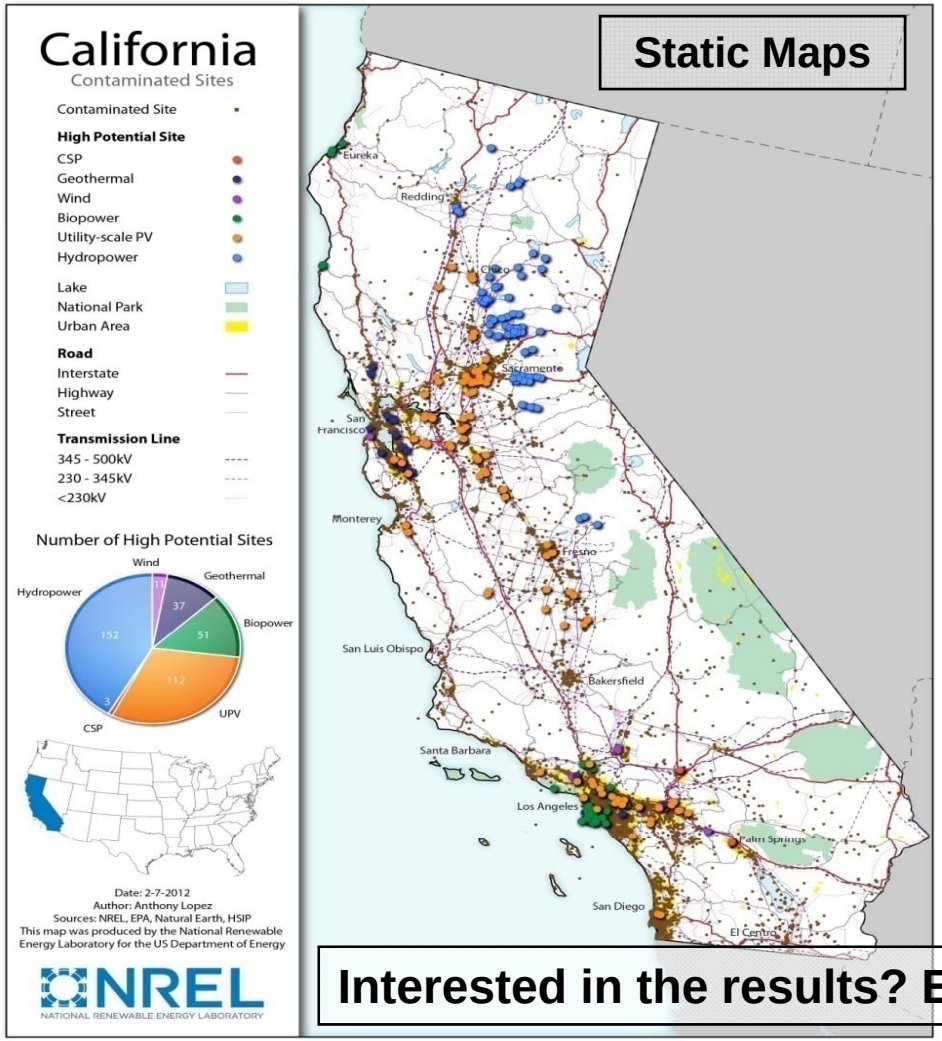
- Prioritize underutilized, contaminated, degraded and cleaned up sites over pristine sites.
- Interconnection, transmission and liability concerns are the biggest barriers to building on contaminated sites.
- EPA Resources Available: RE-Powering America's Lands Initiative, detailed mapping project of CA degraded sites, solar and wind decision trees

EPA

# Detailed mapping project of California degraded sites with National Renewable Energy Laboratory (NREL)

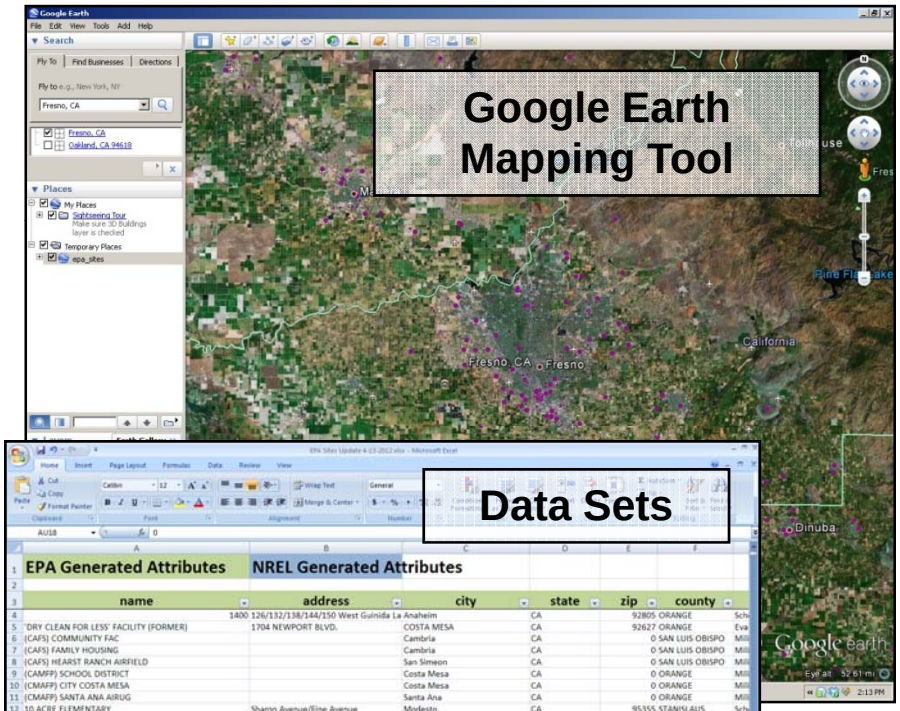
11,000 sites screened for RE potential

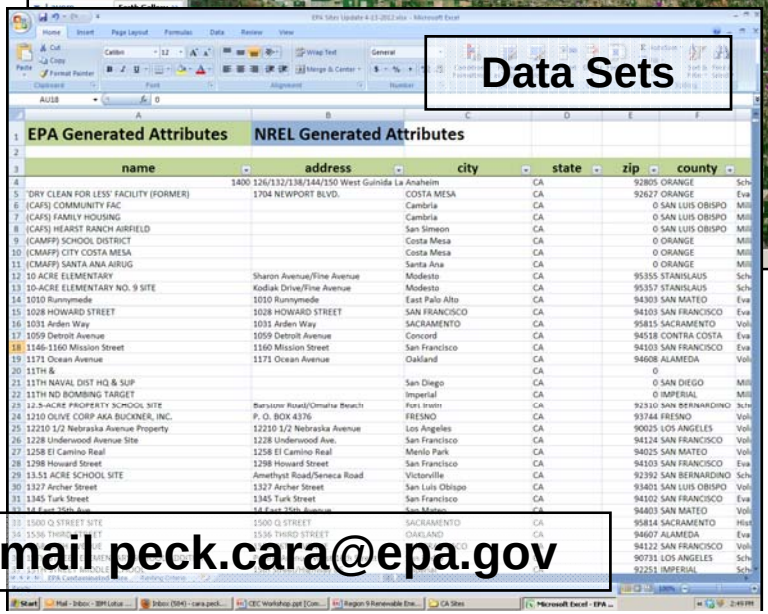
Results to go live around May 2012










**Interested in the results? Email peck.cara@epa.gov**

# Solar & Wind Decision Trees

## Screening Sites for Solar PV or Wind Energy Potential

***Emphasis on Redevelopment of Potentially Contaminated Sites, Underutilized Sites, or Rooftops***

**I. Pre-Screening**

- Solar or Wind Resource
- Available Area
- Distance to Existing Infrastructure
- Site Topology
- Redevelopment Priorities & Land Use Exclusions

**II. Site Screening**

- Owner interest
- System Type: Rooftop or Ground Mount
- Electricity Costs
- Energy Demand
- Contaminated Site Considerations, Status, and Readiness

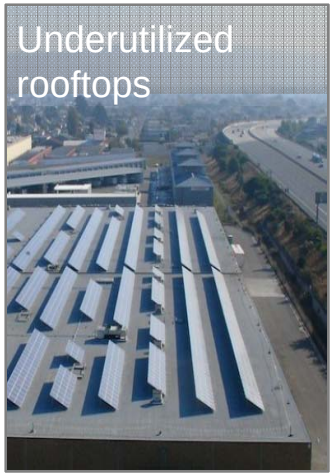
**III. Financial Screening**

- Policy Considerations
- Federal and State rebates and incentives
- Installation costs



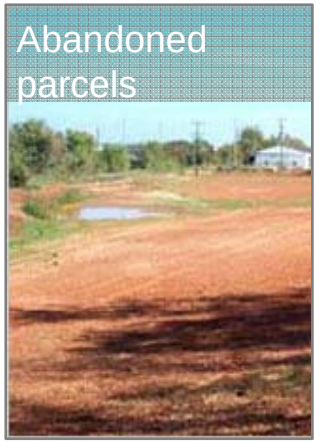













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