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12-IEP-1D

DATE MAY 14 2012

RECD. MAY 16 2012

Coordination of Scenario Development Work and the DRECP

Roger Johnson

California Energy Commission

Orderly Development of Renewable Energy

- California has determined that we need to plan for the orderly development of our world-class renewable resources while minimizing the need for new transmission infrastructure and the associated environmental impacts.
- The Desert Renewable Energy Conservation Plan (DRECP) is providing that direction.
- The DRECP is being developed by the Renewable Energy Action Team (REAT) comprised of the CEC, CDFG, BLM, and USFWS with the cooperation of the CPUC, CSLC, CAISO, and the DoD.

DRECP Needs to be Integrated into LTPP

- The DRECP will provide binding, long-term endangered species permit assurances while facilitating the review and approval of renewable energy projects in the Mojave and Colorado deserts.
- Preferred renewable generation areas and associated transmission corridors are being identified in the DRECP.
- The CEC and CPUC now believe that the land use assumptions and natural resource data being developed in the state/federal/stakeholder DRECP process should be integrated into the LTPP process.

Environmental Scoring Methodology

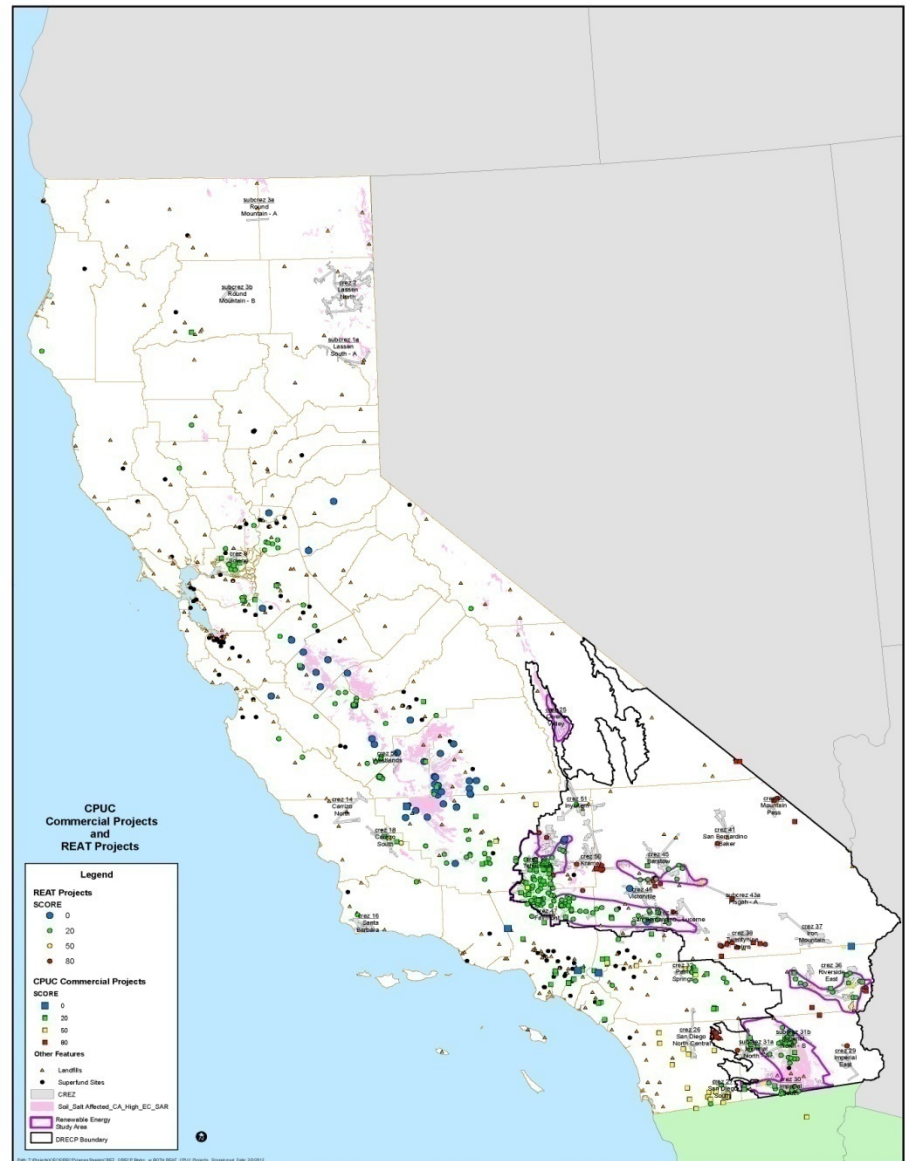
- ▶ In order to incorporate DRECP and other updated environmental information into project scores, the scores were based on the location of the project in one of five categories.
- ▶ Scores are based on a combination of positive preferences for certain areas (in RESAs and/or on disturbed lands).
- ▶ Negative or high (worse) scores given for non-RESA but within DRECP boundary.
- ▶ Neutral scores assigned projects on non-desert, non-disturbed lands.
- ▶ Rooftop mounted DG Projects assigned best (lowest) scores regardless of location.

Environmental Scoring Process

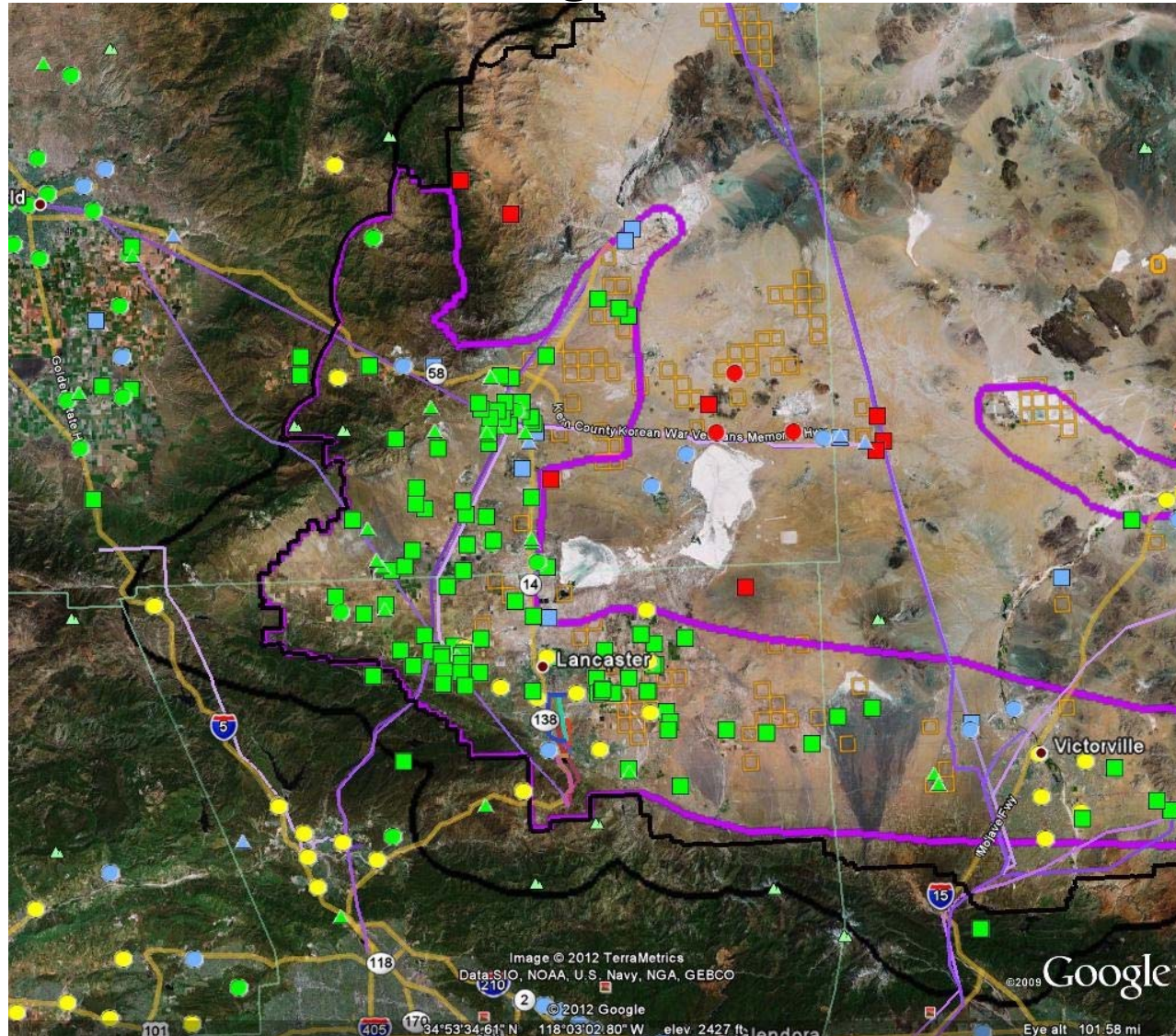
- All projects needed to have their unique CPUC ID numbers linked to a latitude and longitude before they could be mapped by the CEC Cartography Unit.
- Latitude and Longitude data was then input by CEC Cartography Unit to produce maps for each of the databases to be scored.

Environmental Scoring Process

- Once the maps were produced using a unique identifier for each of the 2,366 data points, scoring was completed.



Some scoring required the use of Google Earth to determine on-ground conditions



Environmental Scoring Matrix

Category	DG?	Project Location			Score 0=best 100=worst	Location Examples
		In DRECP?	Disturbed Lands?	In a RESA?		
1	N	Y	N	Y	25	All ground-mounted projects in a RESA and not described by any other categories
2	N	Y	N	N	80	All ground-mounted projects outside a RESA and not described by any other category
3	N	N	N	N/A	50	All projects outside the DRECP, projects on productive agricultural lands, including ground-mounted PV outside the DRECP, any project unable to score individually; all non-California projects
4	N	N/A	Y	N/A	20	Ground-mounted PV on abandoned agriculture, closed facilities (e.g., abandoned military bases, closed mines), degraded/disturbed lands
5	Y	N/A	N/A	N/A	0	Roof-top solar PV, solar PV projects located as shade structures in parking lots, ground-mounted PV at waste water treatment plants, remote DG on brownfields, remediated sites, at existing substations/electric facilities, at landfills and industrial plants.