



California Valley Solar Ranch
APA - Energy Basics for Planners
Oakland, CA
July 28, 2011



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Components of a Successful Renewable Energy Project

Basic Requirements –

- Land – Site control; Option to lease or purchase
- Buyer for the electricity – Utility Power Purchase Agreement
- Permits to Build – CUP, CEQA, NEPA, CDFG, USFWS, etc . .
- Transmission Interconnection – CAISO generator interconnection process, Interconnection Agreement
- Community Support – Outreach, economic and environmental benefits

California Valley Solar Ranch

- 250 Megawatt Solar Photovoltaic Power Plant
- Southeastern San Luis Obispo County
 - Previously tilled, heavily grazed land
- Adjacent to existing high voltage transmission
- Original CUP application 1,965 acres – solar arrays and support facilities
 - 4,365 acre total project
 - 2,400 acres (55%) permanently managed to meet conservation objectives
- 714,000 MWh/yr of clean, renewable solar energy
 - Equivalent to needs of ~100,000 homes
- ~350 local construction jobs at peak over 2.5 years, 15 permanent jobs
- Power Purchase Agreement with PG&E

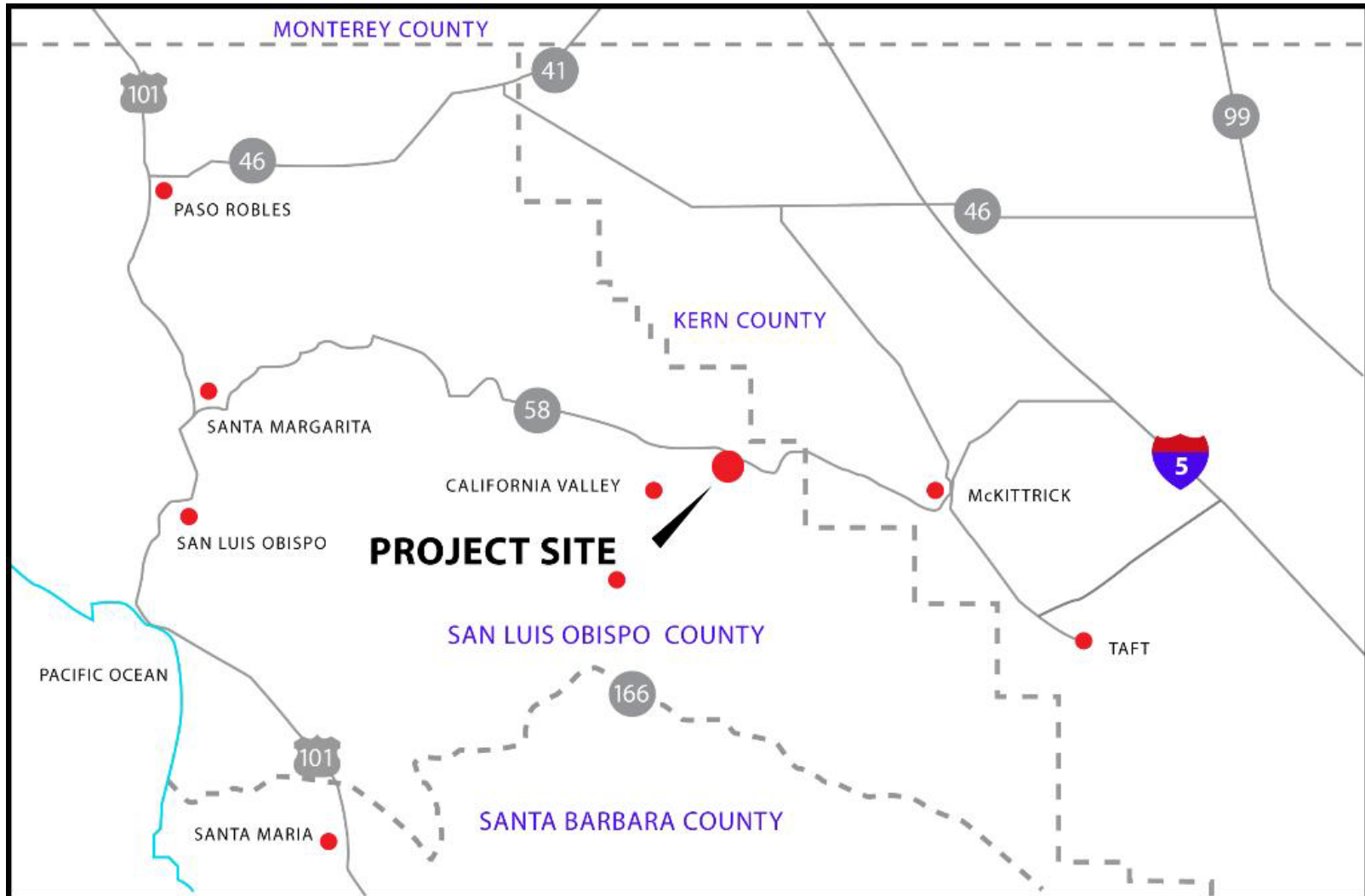


SunPower project, Germany



California Valley Solar Ranch (rendering)
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California Valley Solar Ranch Site Map



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California Valley Solar Ranch Project Timeline

- May 2007 – Bid submitted to PG&E Renewable Request for Offer (RFO)
- March 2008 – CAISO Transmission Interconnection Request submitted
- January 2009 – CUP application filed and CEQA commences
- August 2009 – Power Purchase Agreement approved by CPUC
- January 2011 – Large Generator Interconnection Agreement signed
- February 2011 – SLO County Planning Commission unanimously approves CUP and certifies EIR
- February 2011 – Decision appealed to Board of Supervisors
- April 2011 – BOS unanimously rejects appeal and recertifies EIR and approves CUP
- May 2011 – Litigation jointly filed in Superior Court by local environmental groups and a local resident

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More Information



www.californiavalleysolarranch.com
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