

# Electric Vehicle Charging Stations at County Facilities

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CGSA

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# Strategic Energy Plan Goal



County of San Diego  
Strategic Energy Plan  
2013-2015



HMMMM????

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# An Interesting Idea

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- They install
- They own
- They operate
- They maintain
- They cover all costs

- ❖ We provide parking spaces
- ❖ We provide a business opportunity
- ❖ We provide support of regional GHG reduction



# Other Benefits for the County

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# In the meantime...

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An assessment was performed that evaluated:

- Trip attractors
- Electrical panel readiness
- Major employers
- County site needs
- Existing public charging stations

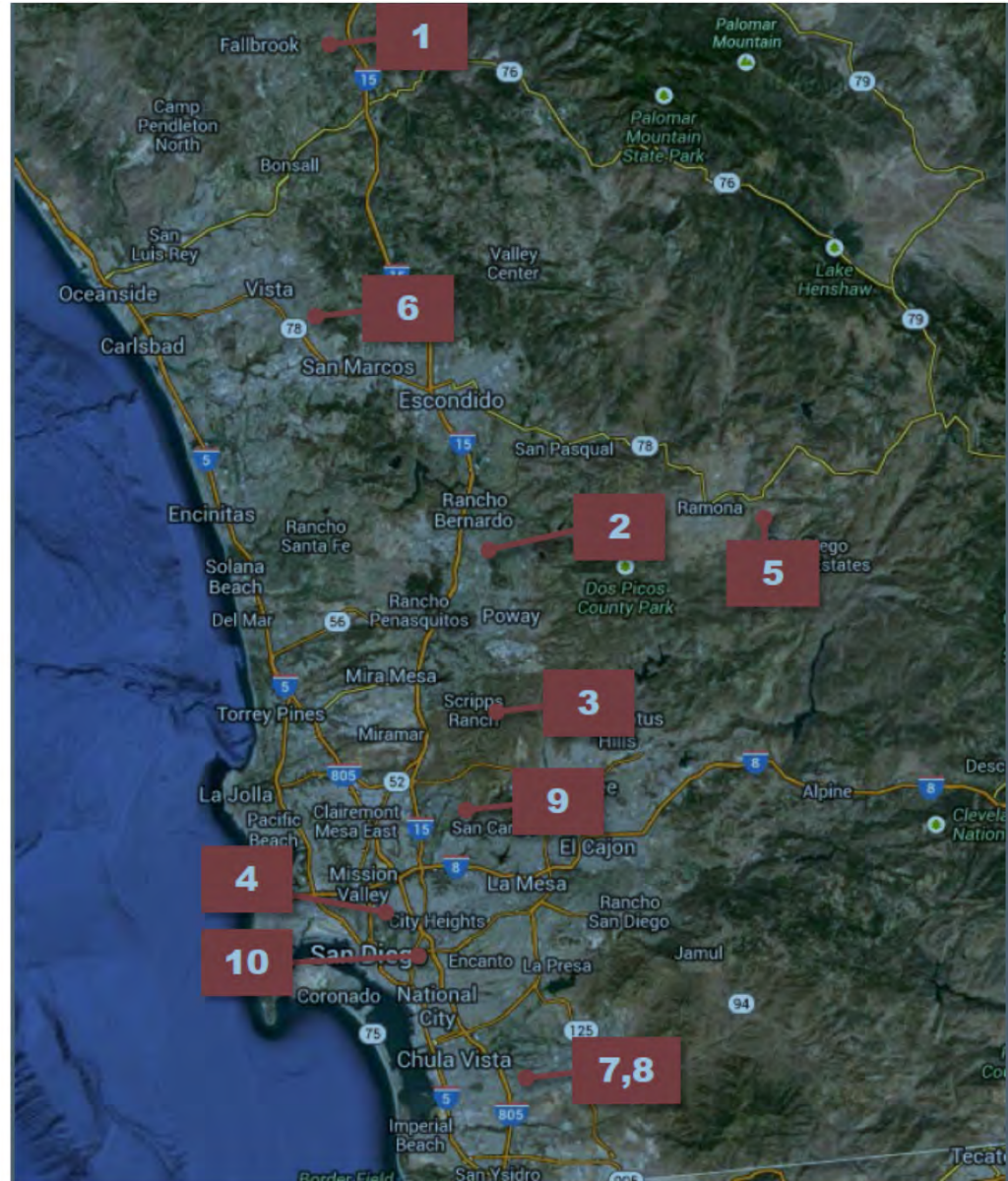




# Sites Selected

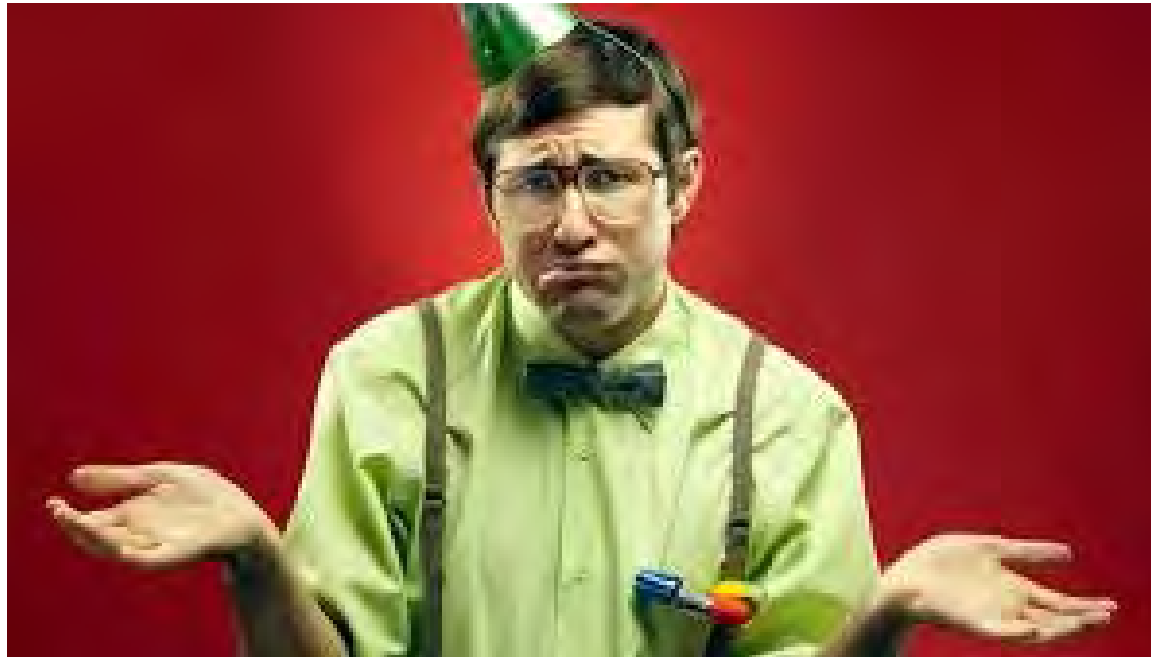
## Electric Vehicle Charging Stations for County Facilities County of San Diego

#	Facility name	# of EVSE
1	Fallbrook Library	1
2	4S Ranch Community Center	2
3	San Diego County Air Pollution Control District	1
4	Health Services Complex	2
5	Ramona Library	1
6	North County Regional Center	5
7	South Bay Regional Center	5
8	Assessor's Office	2
9	County Operations Complex	10
10	County Administration Center	6



# One Potential Risk

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Would any vendors actually show up for this?



# Grant opportunity

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So did they come?

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# A few details

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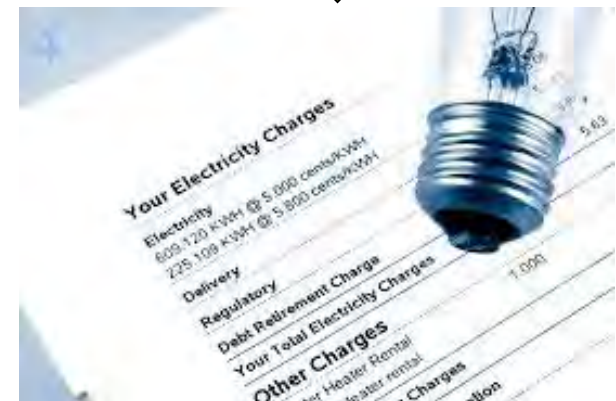
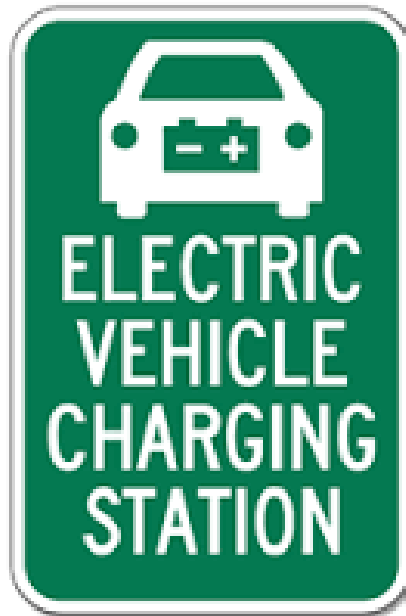
- ❑ Vendor Selected: ChargePoint
- ❑ Installation Schedule: CAC complete, others by 12/2015
- ❑ Pricing:
  - Level 2: \$.30/kWh
  - DC Fast: \$.50/kWh
- ❑ Incentives to move a charged vehicle:
  - Level 2: 30 minutes \$1.50/hour
  - DC Fast: 15 Minutes \$10/hour
- ❑ Charging Rates:
  - Level 2: 70 miles per hour
  - DC Fast: 240 miles per hour
- ❑ SDG&E: Accounts maintained by the vendor *(mostly)*
- ❑ Maintenance: Stations are monitored 24/7



# Challenges



VS



# County Administration Center

132 Sessions (Jan 1 - Mar 27)  
13% DC FAST

