

## DOCKETED

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## **CA County GHG reduction**

CA County GHG reduction

Looking forward to a regional approach to electric grid control.

The Key Performance Indicator (KPI) I will use is the reduction in Green House Gases (GHG) per California county.

Net Energy and Renewable Portfolio Standard metrics as goals have little meaning to the general public verses GHG reductions achieved.

California Energy Commission's (CEC) Quarterly Fuel and Energy Report (QFER)

[http://www.energy.ca.gov/almanac/electricity\\_data/web\\_qfer/source\\_files/](http://www.energy.ca.gov/almanac/electricity_data/web_qfer/source_files/) will be the primary source for GHG measurement.

The Air Resources Board's (ARB) website <https://www.arb.ca.gov/ei/tools/ievt/> is missing data, and appears to be a unreliable source.

Sacramento county has more than doubled its GHGs for electrical generation since 2005 (based on QFER data) [http://ugemrp.com/1066/0001/questions/20160519/co2\\_i\\_2005\\_2015.htm](http://ugemrp.com/1066/0001/questions/20160519/co2_i_2005_2015.htm) .

I hope to see Sacramento county return to pre 2005 levels with a regional grid "exporting" to the smaller balancing authorities.

This should reduce the utilization of the GHG producing sources for electrical generation in Sacramento county.

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*Additional submitted attachment is included below.*

16:35 Thursday, 2016-May-19

# CEC QFER Database Analysis and Questions

## 2005-2015 Counties that have Greenhouse Gas Output Increase, 17 Records

Got Renewables?

Item	State	Increase	Increase %	County	CO2 lbs, 2005	CO2 lbs, 2015
1	CA	3,089,072,360	133.15	<a href="#">Sacramento</a>	2,319,946,129	5,409,018,489
2	"	3,024,144,784	273.908	<a href="#">Colusa</a>	1,104,075	3,025,248,859
3	"	2,407,866,332	630.52	<a href="#">Alameda</a>	381,882,948	2,789,749,280
4	"	2,141,515,648	32.49	<a href="#">San Diego</a>	6,591,425,414	8,732,941,062
5	"	1,685,383,377	294.94	<a href="#">Stanislaus</a>	571,423,607	2,256,806,984
6	"	1,648,103,402	121.54	<a href="#">Riverside</a>	1,355,965,403	3,004,068,805
7	"	1,052,750,032	28.92	<a href="#">Santa Clara</a>	3,640,688,021	4,693,438,053
8	"	983,164,460	81.50	<a href="#">Fresno</a>	1,206,289,433	2,189,453,893
9	"	935,436,280	7.91	<a href="#">San Bernardino</a>	11,824,935,027	12,760,371,307
10	"	593,122,959	24.590	<a href="#">Placer</a>	2,412,017	595,534,976
11	"	369,065,801	50.92	<a href="#">Imperial</a>	724,785,670	1,093,851,471
12	"	84,458,777	1,665	<a href="#">Madera</a>	5,072,694	89,531,471
13	"	79,493,869	0.00	<a href="#">Tulare</a>	0.00	79,493,869
14	"	60,894,193	12.67	<a href="#">Solano</a>	480,542,526	541,436,718
15	"	47,518,702	0.00	<a href="#">Lassen</a>	0.00	47,518,702
16	"	25,726,766	1,463	<a href="#">Tehama</a>	1,758,814	27,485,580
17	"	1,885,389	23.12	<a href="#">Sonoma</a>	8,154,696	10,040,085

Data

Source:

[http://energyalmanac.ca.gov/electricity/web\\_qfer/source\\_files/q\\_WebWorks\\_QFERGeneratorAnnual\\_Table.txt](http://energyalmanac.ca.gov/electricity/web_qfer/source_files/q_WebWorks_QFERGeneratorAnnual_Table.txt)

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