

DOCKETED

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Looking forward to the ARB correcting the GHG Emissions Inventory. The Integrated Emissions Visualization Tool, <https://www.arb.ca.gov/ei/tools/ievt/> is missing data, appears to be a unreliable source. The Integrated Emissions Visualization Tool qualifies as a WOM (Write Only Memory) because of the length of time before someone noticed missing data.

Looking forward to the CEC correcting malformed formulas in CEC-200-2013-001 NEW RENEWABLE GENERATION NEEDED TO COMPLY WITH POLICY GOALS: UPDATE FOR 2022 PLANNING, aka: Planning Renewables Net Short, <http://www.energy.ca.gov/2013publications/CEC-200-2013-001/CEC-200-2013-001.pdf>. The document CEC-200-2013-001 qualifies as a WOM (Write Only Memory) because of the length of time before someone noticed key formulas are malformed.

For now I will track GHG by using Carbon Percentage Dashboard for CAISO, http://ugemrp.com/caiso/dashboard/co2/index_week_10.svg , see attached example. It makes use of CAISO data from <http://content.caiso.com/green/renewrpt/files.html>.

As to Environmental Justice (EJ), I will track EJ progress using the method spoke of in <https://efiling.energy.ca.gov/GetDocument.aspx?tn=216323>

ever onward,

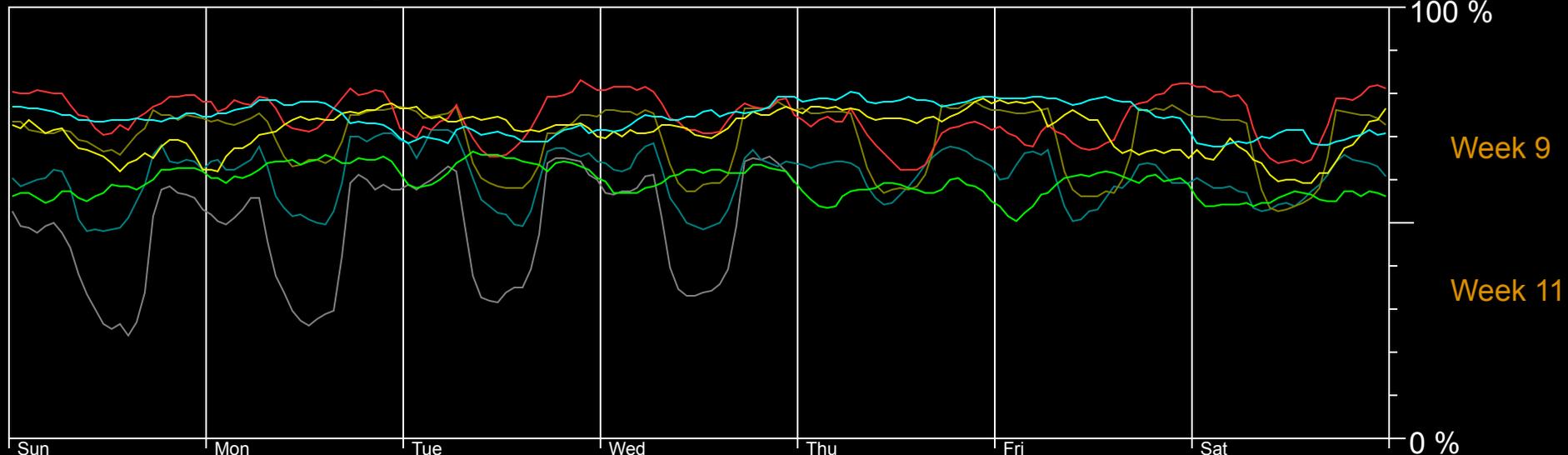
Steve Uhler

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Additional submitted attachment is included below.

Week 10, Carbon Percentage Dashboard for CAISO

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Sun	Mon	Tue	Wed	Thu	Fri	Sat
03/05/2017	03/06/2017	03/07/2017	03/08/2017			
02/28/2016	02/29/2016	03/01/2016	03/02/2016	03/03/2016	03/04/2016	03/05/2016
03/01/2015	03/02/2015	03/03/2015	03/04/2015	03/05/2015	03/06/2015	03/07/2015
03/02/2014	03/03/2014	03/04/2014	03/05/2014	03/06/2014	03/07/2014	03/08/2014
03/03/2013	03/04/2013	03/05/2013	03/06/2013	03/07/2013	03/08/2013	03/09/2013
03/04/2012	03/05/2012	03/06/2012	03/07/2012	03/08/2012	03/09/2012	03/10/2012
02/27/2011	02/28/2011	03/01/2011	03/02/2011	03/03/2011	03/04/2011	03/05/2011

2017	Week 10	1.24 Billion pounds CO2	2.23 TWh	0.56 Pounds per kWh	51.50% Reduction
2016	Week 10	2.82 Billion pounds CO2	4.07 TWh	0.69 Pounds per kWh	39.63% Reduction
2015	Week 10	3.17 Billion pounds CO2	3.98 TWh	0.80 Pounds per kWh	30.49% Reduction
2014	Week 10	3.38 Billion pounds CO2	3.96 TWh	0.85 Pounds per kWh	25.62% Reduction
2013	Week 10	3.34 Billion pounds CO2	4.08 TWh	0.82 Pounds per kWh	28.62% Reduction
2012	Week 10	3.50 Billion pounds CO2	4.10 TWh	0.86 Pounds per kWh	25.45% Reduction
2011	Week 10	2.85 Billion pounds CO2	4.15 TWh	0.69 Pounds per kWh	40.22% Reduction

Carbon Percentage is used to show when electricity has the smallest carbon content, lower is better.

100% carbon is 1.15 pounds per kWh, based on 1 Therm producing 11.72 kWh at 13.45 pounds CO2 per Therm.