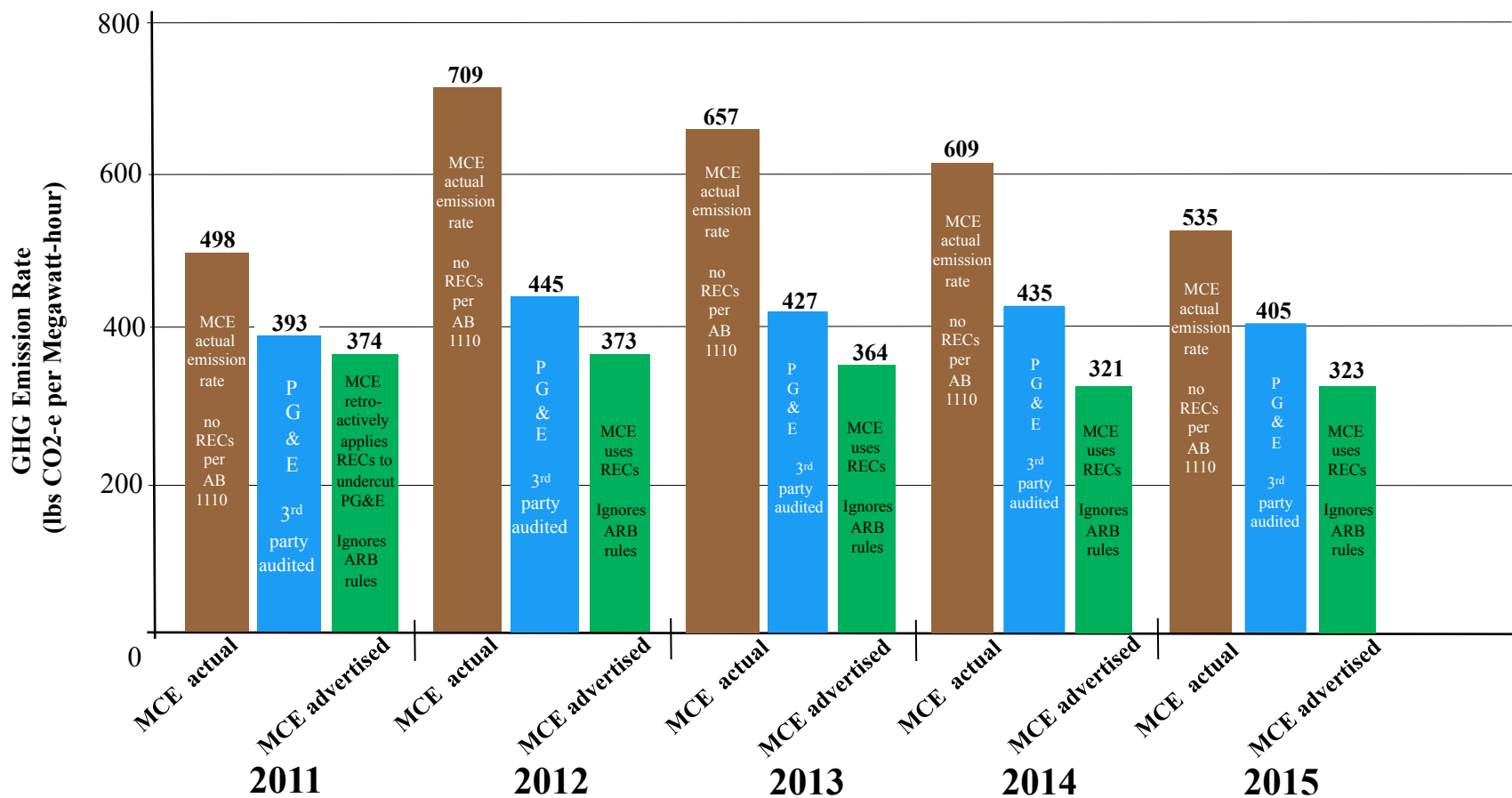


MCE's Annual GHG Emission Rates

Unbundled RECs removed; corresponding actual Greenhouse Gas (GHG) emissions applied per AB 1110

2016 data not yet available



Sources: 2011—"Understanding MCE's (2011) GHG Emission Factors," June 6, 2013 MCE Board meeting, agenda item #8, by Kirby Dusel.

2011 – Jim Phelps December 2, 2013 letter to Kathrin Sears, MCE Board Vice-Chair; Dawn Weisz December 5, 2013 letter to Jim Phelps.

2012 – MEA Proposed Annual Report to California Energy Commission for year ending December 21, 2012.

2013 – MCE (MEA) Proposed Annual Report to California Energy Commission for year ending December 21, 2013.

2014 and 2015 -- MCE (MEA) Proposed Annual Report to California Energy Commission for year ending December 21, 2014, and MCE's "Understanding MCE's GHG Emission Factors," by Pacific Energy Advisors consultant Kirby Dusel.

PG&E Currents <http://www.pgecurrents.com/2015/01/30/pge-cuts-carbon-emissions-with-clean-energy/>

J. Phelps
June 2, 2017