

CWEE Research Highlights 2017-2018

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Source: Wilkinson, 2007

California Hydrological Zones' Energy Intensity



Source: CWEE, 2016

Energy Intensity



Total Water Savings 524,000 MG



Statewide monthly water deliveries relative to 2013 baseline values

Center for Water-Energy Efficiency



Estimated electricity savings from statewide water conservation (June 2015 – May 2016) vs. total electricity savings from IOU EE program savings (July 2015 – June 2016)



Levelized Cost of Electricity Savings (\$/MWh)



Cost of electricity savings by statewide water conservation relative to other energy efficiency programs

Levelized Cost of Carbon Savings (\$/MTY CO₂e)



Cost of carbon savings through statewide water conservation relative to GGRF program investments

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Opportunity to improve electricity supply reliability & reduce curtailment





Water systems can achieve energy load shifting



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Thank you