

Description: California Public Employees' Retirement System (CalPERS) is the nation's largest public pension fund, administering retirement benefits for approximately 1.6 million active and retired State, public school, local public agency employees, and their families.

Industry: 54 - Professional, Scientific, and Technical Services

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Reporting Information

Reporting Protocol: GRP 3.0

GWP Standard: AR5

Base Year: 2010

Consolidation Methodology: Operational Control Only

Status: TCR Accepted

Verification Information

Verification Body: Cameron-Cole, LLC

Level of Assurance: Reasonable

Entity Emissions | Total in metric tons of CO2e

Scope 1 - Direct Emissions	Total CO2e (t)	CO2 (t)	CH4 (t of CO2e)	N2O (t of CO2e)	HFC (t of CO2e)	PFC CO2e (t of CO2e)	NF3 (t of CO2e)	SF6 (t of CO2e)
Stationary Combustion - Scope 1	491.013466	489.511409	1.233293	0.268764	0	0	0	0
Mobile Combustion - Scope 1	71.74974	71.74974	0	0	0	0	0	0
Fugitive - Scope 1	7.215	0	0	0	7.215	0	0	0
Total	569.978206	561.261149	1.233293	0.268764	7.215	0	0	0
Applied Offsets	570							
Net Total	0							

Scope 2 - Location Based - Indirect Emissions	Total CO2e (t)	CO2 (t)	CH4 (t of CO2e)	N2O (t of CO2e)	HFC (t of CO2e)	PFC CO2e (t of CO2e)	NF3 (t of CO2e)	SF6 (t of CO2e)
Purchased Electricity - Location Based - Scope 2	3,501.243272	3,487.919909	5.890329	7.433034	0	0	0	0
Purchased Heating - Location Based - Scope 2	80.171772	79.933603	0.198251	0.039918	0	0	0	0
Total	3,581.415044	3,567.853512	6.08858	7.472952	0	0	0	0
Applied Offsets	0							
Net Total	3,581.415044							

Scope 2 - Market Based - Indirect Emissions	Total CO2e (t)	CO2 (t)	CH4 (t of CO2e)	N2O (t of CO2e)	HFC (t of CO2e)	PFC CO2e (t of CO2e)	NF3 (t of CO2e)	SF6 (t of CO2e)
Purchased Electricity - Market Based - Scope 2	379.971239	378.545979	0.639215	0.786045	0	0	0	0
Purchased Heating - Market Based - Scope 2	80.171772	79.933603	0.198251	0.039918	0	0	0	0
Total	460.143011	458.479582	0.837466	0.825963	0	0	0	0

Applied Offsets 0

Net Total 460.143011

Entity Emissions | Total in metric tons of gas

Scope 1 - Direct Emissions	Total CO2e (t)	CO2 (t)	CH4 (t)	N2O (t)	HFC (t of CO2e)	PFC CO2e (t of CO2e)	NF3 (t)	SF6 (t)
Stationary Combustion - Scope 1	491.013466	489.511409	0.044044	0.001013	0	0	0	0
Mobile Combustion - Scope 1	71.74974	71.74974	0	0	0	0	0	0
Fugitive - Scope 1	7.215	0	0	0	0.00555	0	0	0
Total	569.978206	561.261149	0.044044	0.001013	0.00555	0	0	0

Scope 2 - Location Based - Indirect Emissions	Total CO2e (t)	CO2 (t)	CH4 (t)	N2O (t)	HFC (t of CO2e)	PFC CO2e (t of CO2e)	NF3 (t)	SF6 (t)
Purchased Electricity - Location Based - Scope 2	3,501.243272	3,487.919909	0.210364	0.028042	0	0	0	0
Purchased Heating - Location Based - Scope 2	80.171772	79.933603	0.007077	0.000148	0	0	0	0
Total	3,581.415044	3,567.853512	0.217441	0.02819	0	0	0	0

Scope 2 - Market Based - Indirect Emissions	Total CO2e (t)	CO2 (t)	CH4 (t)	N2O (t)	HFC (t of CO2e)	PFC CO2e (t of CO2e)	NF3 (t)	SF6 (t)
Purchased Electricity - Market Based - Scope 2	379.971239	378.545979	0.022825	0.002961	0	0	0	0
Purchased Heating - Market Based - Scope 2	80.171772	79.933603	0.007077	0.000148	0	0	0	0

Total	460.143011	458.479582	0.029902	0.003109	0	0	0	0
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Simplified Estimation Methods (SEMs)

	Total Estimated CO2e (t)	Total Emissions (t of CO2e)	Estimated CO2e as a Percentage of Total*
Location-based	0	4,151	0.00%
Market-based	0	1,030	0.00%

*Total based on Scope 1, Scope 2, & biomass emissions

Facility Emissions | a. Lincoln Plaza North

Equity share - 100.00 | Entity controls the facility emissions - Yes

Scope 1 - Direct Emissions	Total CO2e (t)	CO2 (t)	CH4 (t)	N2O (t)	HFC (t of CO2e)	PFC (t of co2e)	NF3 (t)	SF6 (t)
Stationary Combustion - Scope 1	116.036689	115.678438	0.01046	0.000246	0	0	0	0

Mobile Combustion - Scope 1	0.12584	0.12584	0	0	0	0	0	0
Total	116.162529	115.804278	0.01046	0.000246	0	0	0	0

Scope 2 - Location Based - Indirect Emissions	Total CO2e (t)	CO2 (t)	CH4 (t)	N2O (t)	HFC (t of CO2e)	PFC (t of co2e)	NF3 (t)	SF6 (t)
Purchased Electricity - Location Based - Scope 2	1,409.702757	1,404.338378	0.0847	0.011293	0	0	0	0
Total	1,409.702757	1,404.338378	0.0847	0.011293	0	0	0	0

Scope 2 - Market Based - Indirect Emissions	Total CO2e (t)	CO2 (t)	CH4 (t)	N2O (t)	HFC (t of CO2e)	PFC (t of co2e)	NF3 (t)	SF6 (t)
Purchased Electricity - Market Based - Scope 2	0	0	0	0	0	0	0	0
Total	0	0	0	0	0	0	0	0

Facility Emissions | b. Lincoln Plaza East/West

Equity share - 100.00 | Entity controls the facility emissions - Yes

Scope 1 - Direct Emissions	Total CO2e (t)	CO2 (t)	CH4 (t)	N2O (t)	HFC (t of CO2e)	PFC (t of co2e)	NF3 (t)	SF6 (t)
Stationary Combustion - Scope 1	374.976777	373.832971	0.033584	0.000767	0	0	0	0
Mobile Combustion - Scope 1	0.17732	0.17732	0	0	0	0	0	0
Total	375.154097	374.010291	0.033584	0.000767	0	0	0	0

Scope 2 - Location Based - Indirect Emissions	Total CO2e (t)	CO2 (t)	CH4 (t)	N2O (t)	HFC (t of CO2e)	PFC (t of co2e)	NF3 (t)	SF6 (t)
Purchased Electricity - Location Based - Scope 2	1,710.003641	1,703.496518	0.102744	0.013699	0	0	0	0
Total	1,710.003641	1,703.496518	0.102744	0.013699	0	0	0	0

Scope 2 - Market Based - Indirect Emissions	Total CO2e (t)	CO2 (t)	CH4 (t)	N2O (t)	HFC (t of CO2e)	PFC (t of co2e)	NF3 (t)	SF6 (t)
Purchased Electricity - Market Based - Scope 2	0	0	0	0	0	0	0	0
Total	0	0	0	0	0	0	0	0

Facility Emissions | c. Emergency Operations Center

Equity share - 100.00 | Entity controls the facility emissions - Yes

Scope 1 - Direct Emissions	Total CO2e (t)	CO2 (t)	CH4 (t)	N2O (t)	HFC (t of CO2e)	PFC (t of co2e)	NF3 (t)	SF6 (t)
Stationary Combustion - Scope 1	0	0	0	0	0	0	0	0
Total	0	0	0	0	0	0	0	0

Scope 2 - Location Based - Indirect Emissions	Total CO2e (t)	CO2 (t)	CH4 (t)	N2O (t)	HFC (t of CO2e)	PFC (t of co2e)	NF3 (t)	SF6 (t)
Purchased Electricity - Location Based - Scope 2	145.83232	145.277382	0.008762	0.001168	0	0	0	0
Total	145.83232	145.277382	0.008762	0.001168	0	0	0	0

Scope 2 - Market Based - Indirect Emissions	Total CO2e (t)	CO2 (t)	CH4 (t)	N2O (t)	HFC (t of CO2e)	PFC (t of co2e)	NF3 (t)	SF6 (t)
Purchased Electricity - Market Based - Scope 2	153.104367	152.541251	0.009054	0.001168	0	0	0	0
Total	153.104367	152.541251	0.009054	0.001168	0	0	0	0

Facility Emissions | d. R Street Warehouse

Equity share - 100.00 | Entity controls the facility emissions - Yes

Scope 2 - Location Based - Indirect Emissions	Total CO2e (t)	CO2 (t)	CH4 (t)	N2O (t)	HFC (t of CO2e)	PFC (t of co2e)	NF3 (t)	SF6 (t)
Purchased Electricity - Location Based - Scope 2	1.704162	1.697678	0.000102	0.000013	0	0	0	0
Total	1.704162	1.697678	0.000102	0.000013	0	0	0	0

Scope 2 - Market Based - Indirect Emissions	Total CO2e (t)	CO2 (t)	CH4 (t)	N2O (t)	HFC (t of CO2e)	PFC (t of co2e)	NF3 (t)	SF6 (t)
Purchased Electricity - Market Based - Scope 2	1.789141	1.782562	0.000105	0.000013	0	0	0	0
Total	1.789141	1.782562	0.000105	0.000013	0	0	0	0

Facility Emissions | e. 5th and Q Parking Lot

Equity share - 100.00 | Entity controls the facility emissions - Yes

Scope 2 - Location Based - Indirect Emissions	Total CO2e (t)	CO2 (t)	CH4 (t)	N2O (t)	HFC (t of CO2e)	PFC (t of co2e)	NF3 (t)	SF6 (t)
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Purchased Electricity - Location Based - Scope 2	0.58447	0.582247	0.000035	0.000004	0	0	0	0
Total	0.58447	0.582247	0.000035	0.000004	0	0	0	0

Scope 2 - Market Based - Indirect Emissions	Total CO2e (t)	CO2 (t)	CH4 (t)	N2O (t)	HFC (t of CO2e)	PFC (t of co2e)	NF3 (t)	SF6 (t)
Purchased Electricity - Market Based - Scope 2	0.613616	0.61136	0.000036	0.000004	0	0	0	0
Total	0.613616	0.61136	0.000036	0.000004	0	0	0	0

Facility Emissions | f. Front Street Parking Lot

Equity share - 100.00 | Entity controls the facility emissions - Yes

Scope 2 - Location Based - Indirect Emissions	Total CO2e (t)	CO2 (t)	CH4 (t)	N2O (t)	HFC (t of CO2e)	PFC (t of co2e)	NF3 (t)	SF6 (t)
Purchased Electricity - Location Based - Scope 2	8.566702	8.534104	0.000514	0.000068	0	0	0	0
Total	8.566702	8.534104	0.000514	0.000068	0	0	0	0

Facility Emissions | g. Fleet Vehicles

Equity share - 100.00 | Entity controls the facility emissions - Yes

Scope 1 - Direct Emissions	Total CO2e (t)	CO2 (t)	CH4 (t)	N2O (t)	HFC (t of CO2e)	PFC (t of co2e)	NF3 (t)	SF6 (t)
Mobile Combustion - Scope 1	71.44658	71.44658	0	0	0	0	0	0

Fugitive - Scope 1	7.215	0	0	0	0.00555	0	0	0
Total	78.66158	71.44658	0	0	0.00555	0	0	0

Facility Emissions | h. Fresno Regional

Equity share - 100.00 | Entity controls the facility emissions - Yes

Scope 2 - Location Based - Indirect Emissions	Total CO2e (t)	CO2 (t)	CH4 (t)	N2O (t)	HFC (t of CO2e)	PFC (t of co2e)	NF3 (t)	SF6 (t)
Purchased Electricity - Location Based - Scope 2	33.374162	33.247163	0.002005	0.000267	0	0	0	0
Purchased Heating - Location Based - Scope 2	13.563078	13.522786	0.001197	0.000025	0	0	0	0
Total	46.93724	46.769949	0.003202	0.000292	0	0	0	0

Scope 2 - Market Based - Indirect Emissions	Total CO2e (t)	CO2 (t)	CH4 (t)	N2O (t)	HFC (t of CO2e)	PFC (t of co2e)	NF3 (t)	SF6 (t)
Purchased Electricity - Market Based - Scope 2	33.374162	33.247163	0.002005	0.000267	0	0	0	0
Purchased Heating - Market Based - Scope 2	13.563078	13.522786	0.001197	0.000025	0	0	0	0
Total	46.93724	46.769949	0.003202	0.000292	0	0	0	0

Facility Emissions | i. Glendale Regional

Equity share - 100.00 | Entity controls the facility emissions - Yes

Scope 2 - Location Based - Indirect Emissions	Total CO2e (t)	CO2 (t)	CH4 (t)	N2O (t)	HFC (t of CO2e)	PFC (t of co2e)	NF3 (t)	SF6 (t)
Purchased Electricity - Location Based - Scope 2	46.802325	46.624227	0.002812	0.000374	0	0	0	0
Purchased Heating - Location Based - Scope 2	19.017795	18.961298	0.001679	0.000035	0	0	0	0
Total	65.82012	65.585525	0.004491	0.000409	0	0	0	0

Scope 2 - Market Based - Indirect Emissions	Total CO2e (t)	CO2 (t)	CH4 (t)	N2O (t)	HFC (t of CO2e)	PFC (t of co2e)	NF3 (t)	SF6 (t)
Purchased Electricity - Market Based - Scope 2	46.802325	46.624227	0.002812	0.000374	0	0	0	0
Purchased Heating - Market Based - Scope 2	19.017795	18.961298	0.001679	0.000035	0	0	0	0
Total	65.82012	65.585525	0.004491	0.000409	0	0	0	0

Facility Emissions | j. Orange Regional

Equity share - 100.00 | Entity controls the facility emissions - Yes

Scope 2 - Location Based - Indirect Emissions	Total CO2e (t)	CO2 (t)	CH4 (t)	N2O (t)	HFC (t of CO2e)	PFC (t of co2e)	NF3 (t)	SF6 (t)
Purchased Electricity - Location Based - Scope 2	23.950373	23.859235	0.001439	0.000191	0	0	0	0
Total	23.950373	23.859235	0.001439	0.000191	0	0	0	0

Scope 2 - Market Based - Indirect Emissions	Total CO2e (t)	CO2 (t)	CH4 (t)	N2O (t)	HFC (t of CO2e)	PFC (t of co2e)	NF3 (t)	SF6 (t)
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Purchased Electricity - Market Based - Scope 2	23.950373	23.859235	0.001439	0.000191	0	0	0	0
Total	23.950373	23.859235	0.001439	0.000191	0	0	0	0

Facility Emissions | k. San Bernardino Regional

Equity share - 100.00 | Entity controls the facility emissions - Yes

Scope 2 - Location Based - Indirect Emissions	Total CO2e (t)	CO2 (t)	CH4 (t)	N2O (t)	HFC (t of CO2e)	PFC (t of co2e)	NF3 (t)	SF6 (t)
Purchased Electricity - Location Based - Scope 2	42.369452	42.208223	0.002545	0.000339	0	0	0	0
Purchased Heating - Location Based - Scope 2	17.215937	17.164793	0.00152	0.000032	0	0	0	0
Total	59.585389	59.373016	0.004065	0.000371	0	0	0	0

Scope 2 - Market Based - Indirect Emissions	Total CO2e (t)	CO2 (t)	CH4 (t)	N2O (t)	HFC (t of CO2e)	PFC (t of co2e)	NF3 (t)	SF6 (t)
Purchased Electricity - Market Based - Scope 2	42.369452	42.208223	0.002545	0.000339	0	0	0	0
Purchased Heating - Market Based - Scope 2	17.215937	17.164793	0.00152	0.000032	0	0	0	0
Total	59.585389	59.373016	0.004065	0.000371	0	0	0	0

Facility Emissions | l. San Diego Regional

Equity share - 100.00 | Entity controls the facility emissions - Yes

Scope 2 - Location Based - Indirect Emissions	Total CO2e (t)	CO2 (t)	CH4 (t)	N2O (t)	HFC (t of CO2e)	PFC (t of co2e)	NF3 (t)	SF6 (t)
Purchased Electricity - Location Based - Scope 2	26.226259	26.126461	0.001575	0.00021	0	0	0	0
Purchased Heating - Location Based - Scope 2	10.658265	10.626602	0.000941	0.00002	0	0	0	0
Total	36.884524	36.753063	0.002516	0.00023	0	0	0	0

Scope 2 - Market Based - Indirect Emissions	Total CO2e (t)	CO2 (t)	CH4 (t)	N2O (t)	HFC (t of CO2e)	PFC (t of co2e)	NF3 (t)	SF6 (t)
Purchased Electricity - Market Based - Scope 2	26.226259	26.126461	0.001575	0.00021	0	0	0	0
Purchased Heating - Market Based - Scope 2	10.658265	10.626602	0.000941	0.00002	0	0	0	0
Total	36.884524	36.753063	0.002516	0.00023	0	0	0	0

Facility Emissions | m. Walnut Creek Regional

Equity share - 100.00 | Entity controls the facility emissions - Yes

Scope 2 - Location Based - Indirect Emissions	Total CO2e (t)	CO2 (t)	CH4 (t)	N2O (t)	HFC (t of CO2e)	PFC (t of co2e)	NF3 (t)	SF6 (t)
Purchased Electricity - Location Based - Scope 2	23.467747	23.378445	0.00141	0.000188	0	0	0	0
Purchased Heating - Location Based - Scope 2	9.538928	9.510591	0.000842	0.000017	0	0	0	0
Total	33.006675	32.889036	0.002252	0.000205	0	0	0	0

Scope 2 - Market Based - Indirect Emissions	Total CO2e (t)	CO2 (t)	CH4 (t)	N2O (t)	HFC (t of CO2e)	PFC (t of co2e)	NF3 (t)	SF6 (t)
Purchased Electricity - Market Based - Scope 2	23.467747	23.378445	0.00141	0.000188	0	0	0	0
Purchased Heating - Market Based - Scope 2	9.538928	9.510591	0.000842	0.000017	0	0	0	0
Total	33.006675	32.889036	0.002252	0.000205	0	0	0	0

Facility Emissions | n. San Jose Regional

Equity share - 100.00 | Entity controls the facility emissions - Yes

Scope 2 - Location Based - Indirect Emissions	Total CO2e (t)	CO2 (t)	CH4 (t)	N2O (t)	HFC (t of CO2e)	PFC (t of co2e)	NF3 (t)	SF6 (t)
Purchased Electricity - Location Based - Scope 2	25.045172	24.949868	0.001504	0.0002	0	0	0	0
Purchased Heating - Location Based - Scope 2	10.177769	10.147533	0.000898	0.000019	0	0	0	0
Total	35.222941	35.097401	0.002402	0.000219	0	0	0	0

Scope 2 - Market Based - Indirect Emissions	Total CO2e (t)	CO2 (t)	CH4 (t)	N2O (t)	HFC (t of CO2e)	PFC (t of co2e)	NF3 (t)	SF6 (t)
Purchased Electricity - Market Based - Scope 2	25.045172	24.949868	0.001504	0.0002	0	0	0	0
Purchased Heating - Market Based - Scope 2	10.177769	10.147533	0.000898	0.000019	0	0	0	0
Total	35.222941	35.097401	0.002402	0.000219	0	0	0	0

Facility Emissions | o. Ramos Warehouse

Equity share - 100.00 | Entity controls the facility emissions - Yes

Scope 1 - Direct Emissions	Total CO2e (t)	CO2 (t)	CH4 (t)	N2O (t)	HFC (t of CO2e)	PFC (t of co2e)	NF3 (t)	SF6 (t)
Stationary Combustion - Scope 1	0	0	0	0	0	0	0	0
Total	0	0	0	0	0	0	0	0

Scope 2 - Location Based - Indirect Emissions	Total CO2e (t)	CO2 (t)	CH4 (t)	N2O (t)	HFC (t of CO2e)	PFC (t of co2e)	NF3 (t)	SF6 (t)
Purchased Electricity - Location Based - Scope 2	3.61373	3.59998	0.000217	0.000028	0	0	0	0
Total	3.61373	3.59998	0.000217	0.000028	0	0	0	0

Scope 2 - Market Based - Indirect Emissions	Total CO2e (t)	CO2 (t)	CH4 (t)	N2O (t)	HFC (t of CO2e)	PFC (t of co2e)	NF3 (t)	SF6 (t)
Purchased Electricity - Market Based - Scope 2	3.228625	3.217184	0.00034	0.000007	0	0	0	0
Total	3.228625	3.217184	0.00034	0.000007	0	0	0	0