

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		
Address:	400 Q Street W2510 Sacramento, California US, Sacramento, California, US	Contact:	Reshmi Prasad

Reporting Information

Inventory Type	Complete
Reporting Protocol:	GRP 3.0
GWP Standard:	AR5
Base Year:	2010
Scope 2 method	Location-based
Reporting Year Type	Calendar Year
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 (t of CO2e)	NF3 (t of CO2e)	SF6 (t of CO2e)
Stationary Combustion - Scope 1	429.339457	428.013343	1.083987	0.242127	0	0	0	0
Mobile Combustion - Scope 1	81.456574	81.201394	0.050317	0.204863	0	0	0	0
Fugitive - Scope 1	7.683	0	0	0	7.683	0	0	0
Total	518.479031	509.214737	1.134304	0.44699	7.683	0	0	0
Applied Offsets	605							
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 (t of CO2e)	NF3 (t of CO2e)	SF6 (t of CO2e)
Purchased Electricity - Location Based - Scope 2	3,672.310241	3,658.33591	6.178125	7.796206	0	0	0	0
Purchased Heating - Location Based - Scope 2	75.555878	75.331423	0.186836	0.037619	0	0	0	0
Total	3,747.866119	3,733.667333	6.364961	7.833825	0	0	0	0
Applied Offsets	0							
Net Total	3,747.866119							

Scope 2 - Market Based - Indirect Emissions	Total CO2e (t)	CO2 (t)	CH4 (t of CO2e)	N2O (t of CO2e)	HFC (t of CO2e)	PFC (t of CO2e)	NF3 (t of CO2e)	SF6 (t of CO2e)
Purchased Electricity - Market Based - Scope 2	477.329678	475.435327	0.970568	0.923783	0	0	0	0
Purchased Heating - Market Based - Scope 2	70.095701	69.887467	0.173334	0.0349	0	0	0	0

Total	547.425379	545.322794	1.143902	0.958683	0	0	0	0
Applied Offsets	0							
Net Total	547.425379							

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	429.339457	428.013343	0.038712	0.000911	0	0	0	0
Mobile Combustion - Scope 1	81.456574	81.201394	0.001793	0.000766	0	0	0	0
Fugitive - Scope 1	7.683	0	0	0	7.683	0	0	0
Total	518.479031	509.214737	0.040505	0.001677	7.683	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	3,672.310241	3,658.33591	0.22064	0.029413	0	0	0	0
Purchased Heating - Location Based - Scope 2	75.555878	75.331423	0.006669	0.00014	0	0	0	0
Total	3,747.866119	3,733.667333	0.227309	0.029553	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	477.329678	475.435327	0.034658	0.003481	0	0	0	0

Purchased Heating - Market Based - Scope 2	70.095701	69.887467	0.006187	0.000129	0	0	0	0
Total	547.425379	545.322794	0.040845	0.00361	0	0	0	0

Simplified Estimation Methods (SEMs)

	Total Estimated CO2e (t)	Total Emissions (t of CO2e)	Estimated CO2e as a Percentage of Total*
Location-based	8	4,267	0.19%
Market-based	8	1,066	0.75%
*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	118.999122	118.635799	0.010662	0.000243	0	0	0	0
Mobile Combustion - Scope 1	0.062062	0.062062	0	0	0	0	0	0
Total	119.061184	118.697861	0.010662	0.000243	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)
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Purchased Electricity - Location Based - Scope 2	1,453.3414	1,447.810961	0.087322	0.011643	0	0	0	0
Total	1,453.3414	1,447.810961	0.087322	0.011643	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	306.447785	305.507954	0.027527	0.000637	0	0	0	0
Mobile Combustion - Scope 1	0.062062	0.062062	0	0	0	0	0	0
Total	306.509847	305.570016	0.027527	0.000637	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	1,727.878944	1,721.3038	0.103818	0.013842	0	0	0	0
Total	1,727.878944	1,721.3038	0.103818	0.013842	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	3.89255	3.86959	0.000523	0.000031	0	0	0	0
Total	3.89255	3.86959	0.000523	0.000031	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	138.238441	137.712399	0.008305	0.001107	0	0	0	0
Total	138.238441	137.712399	0.008305	0.001107	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	145.131813	144.598019	0.008582	0.001107	0	0	0	0
Total	145.131813	144.598019	0.008582	0.001107	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	14.109637	14.055946	0.000847	0.000113	0	0	0	0
Total	14.109637	14.055946	0.000847	0.000113	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	14.813225	14.758743	0.000876	0.000113	0	0	0	0
Total	14.813225	14.758743	0.000876	0.000113	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)
Purchased Electricity - Location Based - Scope 2	6.556564	6.531615	0.000393	0.000052	0	0	0	0
Total	6.556564	6.531615	0.000393	0.000052	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	6.883513	6.858196	0.000407	0.000052	0	0	0	0
Total	6.883513	6.858196	0.000407	0.000052	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	77.890635	77.594237	0.004679	0.000623	0	0	0	0
Total	77.890635	77.594237	0.004679	0.000623	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	59.729527	59.395315	0.008392	0.000374	0	0	0	0
Total	59.729527	59.395315	0.008392	0.000374	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	81.33245	81.07727	0.001793	0.000766	0	0	0	0

Fugitive - Scope 1	7.683	0	0	0	7.683	0	0	0
Total	89.01545	81.07727	0.001793	0.000766	7.683	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	14.999105	14.954547	0.001324	0.000028	0	0	0	0
Total	38.466852	38.332992	0.002734	0.000216	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	0.101698	0.101397	0.000008	0	0	0	0	0
Total	25.14687	25.051265	0.001512	0.0002	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	0.101698	0.101397	0.000008	0	0	0	0	0
Total	25.14687	25.051265	0.001512	0.0002	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	33.05913	32.93333	0.001986	0.000264	0	0	0	0
Total	33.05913	32.93333	0.001986	0.000264	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	29.53611	29.431432	0.003111	0.000066	0	0	0	0
Total	29.53611	29.431432	0.003111	0.000066	0	0	0	0