

Description:

Industry: 22 - Utilities

Address: 2244 Walnut Grove Ave,
Rosemead, California,
US

Contact:
Hrishikesh Dalvi

www.sce.com

Reporting Information

Inventory Type Complete

Reporting Protocol: GRP 3.0

GWP Standard: AR4

Base Year: 2020

Scope 2 method Location-based and Market-based

Reporting Year Type Calendar Year

Consolidation Methodology: Operational Control Only

Status: TCR Accepted

Verification Information

Verification Body: Scientific Certification Systems

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	1,042,935.554511	1,041,780.156945	498.47385	656.923716	0	0	0	0
Mobile Combustion - Scope 1	29,013.022925	28,568.097016	43.659075	401.266834	0	0	0	0
Fugitive - Scope 1	47,680.785416	0	0	0	296.548616	0	0	47,384.2368
Total	1,119,629.362852	1,070,348.253961	542.132925	1,058.19055	296.548616	0	0	47,384.2368
Applied Offsets								
Net Total	1,119,629.362852							

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	1,023,216.906504	1,023,102.584542	46.9534	67.368562	0	0	0	0
Total	1,023,216.906504	1,023,102.584542	46.9534	67.368562	0	0	0	0
Applied Offsets								
Net Total	1,023,216.906504							

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	1,014,784.985321	1,014,784.63536	0.131825	0.218136	0	0	0	0
Total	1,014,784.985321	1,014,784.63536	0.131825	0.218136	0	0	0	0
Applied Offsets								
Net Total	1,014,784.985321							

Direct Emissions - Biomass	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 Biomass Combustion - Biomass	7,151.56767	7,151.56767	0	0	0	0	0	0
Mobile Biomass Combustion - Biomass	35,779.617112	35,779.617112	0	0	0	0	0	0
Total	42,931.184782	42,931.184782	0	0	0	0	0	0
Applied Offsets								
Net Total	42,931.184782							

Scope 3 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)
Business Travel - Scope 3 (Optional)	1,121.358804	1,111.479396	0.6575	9.221908	0	0	0	0
Capital Goods - Scope 3 (Optional)	352,184.347755	352,184.347755	0	0	0	0	0	0
Employee Commuting - Scope 3 (Optional)	92,185.981768	91,376.070915	41.909425	768.001428	0	0	0	0
Fuel- and Energy-Related Activities - Scope 3 (Optional)	4,500,827.539013	4,500,827.539013	0	0	0	0	0	0
Purchased Goods and Services - Scope 3 (Optional)	609,554.78189	608,424.062047	250.922225	879.797618	0	0	0	0
Upstream Transportation and Distribution - Scope 3 (Optional)	15,779.064175	15,779.064175	0	0	0	0	0	0
Waste Generated in Operations - Scope 3 (Optional)	3,219.190682	3,219.190682	0	0	0	0	0	0
Biomass - Scope 3 (Optional)	29,944.196623	29,944.196623	0	0	0	0	0	0
Total	5,604,816.46071	5,602,865.950606	293.48915	1,657.020954	0	0	0	0
Applied Offsets								

Net Total 5,604,816.46071

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	1,042,935.554511	1,041,780.156945	19.938954	2.204442	0	0	0	0
Mobile Combustion - Scope 1	29,013.022925	28,568.097016	1.746363	1.346533	0	0	0	0
Fugitive - Scope 1	47,680.785416	0	0	0	296.548616	0	0	2.078256
Total	1,119,629.362852	1,070,348.253961	21.685317	3.550975	296.548616	0	0	2.078256

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	1,023,216.906504	1,023,102.584542	1.878136	0.226069	0	0	0	0
Total	1,023,216.906504	1,023,102.584542	1.878136	0.226069	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	1,014,784.985321	1,014,784.63536	0.005273	0.000732	0	0	0	0
Total	1,014,784.985321	1,014,784.63536	0.005273	0.000732	0	0	0	0

Direct Emissions - Biomass	Total CO2e (t)	CO2 (t)	CH4 (t)	N2O (t)	HFC (t of CO2e)	PFC CO2e (t of CO2e)	NF3 (t)	SF6 (t)
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Stationary Biomass Combustion - Biomass	7,151.56767	7,151.56767	0	0	0	0	0	0
Mobile Biomass Combustion - Biomass	35,779.617112	35,779.617112	0	0	0	0	0	0
Total	42,931.184782	42,931.184782	0	0	0	0	0	0

Scope 3 Emissions	Total CO2e (t)	CO2 (t)	CH4 (t)	N2O (t)	HFC (t of CO2e)	PFC CO2e (t of CO2e)	NF3 (t)	SF6 (t)
Business Travel - Scope 3 (Optional)	1,121.358804	1,111.479396	0.0263	0.030946	0	0	0	0
Capital Goods - Scope 3 (Optional)	352,184.347755	352,184.347755	0	0	0	0	0	0
Employee Commuting - Scope 3 (Optional)	92,185.981768	91,376.070915	1.676377	2.577186	0	0	0	0
Fuel- and Energy-Related Activities - Scope 3 (Optional)	4,500,827.539013	4,500,827.539013	0	0	0	0	0	0
Purchased Goods and Services - Scope 3 (Optional)	609,554.78189	608,424.062047	10.036889	2.952341	0	0	0	0
Upstream Transportation and Distribution - Scope 3 (Optional)	15,779.064175	15,779.064175	0	0	0	0	0	0
Waste Generated in Operations - Scope 3 (Optional)	3,219.190682	3,219.190682	0	0	0	0	0	0
Biomass - Scope 3 (Optional)	29,944.196623	29,944.196623	0	0	0	0	0	0
Total	5,604,816.46071	5,602,865.950606	11.739566	5.560473	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	0	2,215,721	0.00%
Market-based	0	2,207,289	0.00%

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

Facility Emissions | SCE - T&D Losses

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	990,334.321931	990,334.321931	0	0	0	0	0	0
Total	990,334.321931	990,334.321931	0	0	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	990,334.321931	990,334.321931	0	0	0	0	0	0
Total	990,334.321931	990,334.321931	0	0	0	0	0	0

Facility Emissions | Southern California Edison

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

Direct Emissions - Biomass	Total CO2e (t)	CO2 (t)	CH4 (t)	N2O (t)	HFC (t of CO2e)	PFC (t of CO2e)	NF3 (t)	SF6 (t)
Stationary Biomass Combustion - Biomass	7,151.56767	7,151.56767	0	0	0	0	0	0
Mobile Biomass Combustion - Biomass	35,779.617112	35,779.617112	0	0	0	0	0	0
Total	42,931.184782	42,931.184782	0	0	0	0	0	0

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	1,042,884.352379	1,041,728.973968	19.938605	2.204407	0	0	0	0
Mobile Combustion - Scope 1	29,013.022925	28,568.097016	1.746363	1.346533	0	0	0	0
Fugitive - Scope 1	47,680.785416	0	0	0	296.548616	0	0	2.078256
Stationary Combustion - Scope 1	0	0	0	0	0	0	0	0
Mobile Combustion - Scope 1	0	0	0	0	0	0	0	0
Total	1,119,578.16072	1,070,297.070984	21.684968	3.55094	296.548616	0	0	2.078256

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	32,838.932626	32,724.962094	1.87284	0.225334	0	0	0	0
Total	32,838.932626	32,724.962094	1.87284	0.225334	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	24,406.92735	24,406.92735	0	0	0	0	0	0
Total	24,406.92735	24,406.92735	0	0	0	0	0	0

Scope 3 Emissions	Total CO2e (t)	CO2 (t)	CH4 (t)	N2O (t)	HFC (t of CO2e)	PFC (t of CO2e)	NF3 (t)	SF6 (t)
Business Travel - Scope 3 (Optional)	805.512548	795.63314	0.0263	0.030946	0	0	0	0
Capital Goods - Scope 3 (Optional)	352,175.583148	352,175.583148	0	0	0	0	0	0
Employee Commuting - Scope 3 (Optional)	92,017.222911	91,207.312058	1.676377	2.577186	0	0	0	0
Fuel- and Energy-Related Activities - Scope 3 (Optional)	4,500,827.539013	4,500,827.539013	0	0	0	0	0	0
Purchased Goods and Services - Scope 3 (Optional)	605,394.329874	605,394.329874	0	0	0	0	0	0
Upstream Transportation and Distribution - Scope 3 (Optional)	15,779.064175	15,779.064175	0	0	0	0	0	0
Waste Generated in Operations - Scope 3 (Optional)	3,219.190682	3,219.190682	0	0	0	0	0	0
Biomass - Scope 3 (Optional)	0	0	0	0	0	0	0	0
Total	5,570,218.442351	5,569,398.65209	1.702677	2.608132	0	0	0	0

Upstream Indirect Emissions - Biomass	Total CO2e (t)	CO2 (t)	CH4 (t)	N2O (t)	HFC (t of CO2e)	PFC (t of CO2e)	NF3 (t)	SF6 (t)
Biomass - Scope 3 (Optional)	29,944.196623	29,944.196623	0	0	0	0	0	0
Total	29,944.196623	29,944.196623	0	0	0	0	0	0

Facility Emissions | Trio_Non-North America

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	32.753814	32.753764	0.000002	0	0	0	0	0
Total	32.753814	32.753764	0.000002	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	25.518311	25.250345	0.00396	0.000567	0	0	0	0
Total	25.518311	25.250345	0.00396	0.000567	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	25.518311	25.250345	0.00396	0.000567	0	0	0	0
Total	25.518311	25.250345	0.00396	0.000567	0	0	0	0

Scope 3 Emissions	Total CO2e (t)	CO2 (t)	CH4 (t)	N2O (t)	HFC (t of CO2e)	PFC (t of CO2e)	NF3 (t)	SF6 (t)
Business Travel - Scope 3 (Optional)	47.389236	47.389236	0	0	0	0	0	0
Employee Commuting - Scope 3 (Optional)	10.422698	10.422698	0	0	0	0	0	0

Total	57.811934	57.811934	0	0	0	0	0	0
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Facility Emissions | Trio_North America

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	18.448318	18.429213	0.000347	0.000035	0	0	0	0
Total	18.448318	18.429213	0.000347	0.000035	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	18.133636	18.050172	0.001336	0.000168	0	0	0	0
Total	18.133636	18.050172	0.001336	0.000168	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	18.217729	18.135734	0.001313	0.000165	0	0	0	0
Total	18.217729	18.135734	0.001313	0.000165	0	0	0	0

Scope 3 Emissions	Total CO2e (t)	CO2 (t)	CH4 (t)	N2O (t)	HFC (t of CO2e)	PFC (t of CO2e)	NF3 (t)	SF6 (t)
Business Travel - Scope 3 (Optional)	268.45702	268.45702	0	0	0	0	0	0

Capital Goods - Scope 3 (Optional)	8.764607	8.764607	0	0	0	0	0	0
Employee Commuting - Scope 3 (Optional)	158.336159	158.336159	0	0	0	0	0	0
Purchased Goods and Services - Scope 3 (Optional)	4,160.452016	3,029.732173	10.036889	2.952341	0	0	0	0
Total	4,596.009802	3,465.289959	10.036889	2.952341	0	0	0	0