

Description: Pacific Gas and Electric Company, incorporated in California in 1905, is one of the largest combination natural gas and electric utilities in the United States.

Industry: 22 - Utilities

Address: 300 Lakeside Drive Contact: Chris Benjamin www.pge.com

Reporting Information

Reporting Protocol: GRP 3.0

GWP Standard: AR5

Base 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 CO2e (t of CO2e)	NF3 (t of CO2e)	SF6 (t of CO2e)
Stationary Combustion - Scope 1	2,918,921.95074	2,914,740.101139	2,762.63763	1,419.211971	0	0	0	0
Mobile Combustion - Scope 1	94,932.641299	94,516.38617	36.438066	379.817063	0	0	0	0
Process - Scope 1	74,723.653	813.565	73,910.088	0	0	0	0	0
Fugitive - Scope 1	640,940.11735	577.498	608,764.296	0	1,408.10835	0	0	30,190.215
Total	3,729,518.362389	3,010,647.550309	685,473.459696	1,799.029034	1,408.10835	0	0	30,190.215
Applied Offsets								
Net Total	3,729,518.362389							

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	702,392.52989	699,719.781518	1,181.649711	1,491.098661	0	0	0	0
Total	702,392.52989	699,719.781518	1,181.649711	1,491.098661	0	0	0	0
Applied Offsets								
Net Total	702,392.52989							

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	296,971.705281	294,297.364119	1,183.242516	1,491.098646	0	0	0	0
Total	296,971.705281	294,297.364119	1,183.242516	1,491.098646	0	0	0	0
Applied Offsets								

Net Total 296,971.705281

Direct Emissions - Biomass	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)
Mobile Biomass Combustion - Biomass	40,986.013338	40,986.013338	0	0	0	0	0	0
Total	40,986.013338	40,986.013338	0	0	0	0	0	0
Applied Offsets								
Net Total	40,986.013338							

Scope 3 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)
Scope 3 (Optional)	39,446,426.081949	39,406,039.344649	20,749.1508	19,637.5865	0	0	0	0
Total	39,446,426.081949	39,406,039.344649	20,749.1508	19,637.5865	0	0	0	0
Applied Offsets								
Net Total	39,446,426.081949							

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	2,918,921.95074	2,914,740.101139	98.665625	5.355513	0	0	0	0
Mobile Combustion - Scope 1	94,932.641299	94,516.38617	1.301345	1.433259	0	0	0	0
Process - Scope 1	74,723.653	813.565	2,639.646	0	0	0	0	0

Fugitive - Scope 1	640,940.11735	577.498	21,741.582	0	0.759264	0	0	1.28469
Total	3,729,518.362389	3,010,647.550309	24,481.19497	6.788772	0.759264	0	0	1.28469

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	702,392.52989	699,719.781518	42.201769	5.626778	0	0	0	0
Total	702,392.52989	699,719.781518	42.201769	5.626778	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	296,971.705281	294,297.364119	42.258656	5.626778	0	0	0	0
Total	296,971.705281	294,297.364119	42.258656	5.626778	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)
Mobile Biomass Combustion - Biomass	40,986.013338	40,986.013338	0	0	0	0	0	0
Total	40,986.013338	40,986.013338	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)
Scope 3 (Optional)	39,446,426.08194 ₉	39,406,039.34464 ₉	741.0411	74.1041	0	0	0	0
Total	39,446,426.08194 ₉	39,406,039.34464 ₉	741.0411	74.1041	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	3,494	43,919,324	0.01%
Market-based	3,494	43,513,903	0.01%

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

Facility Emissions | Biodiesel Use by Fleet

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)
Mobile Biomass Combustion - Biomass	821.102656	821.102656	0	0	0	0	0	0
Total	821.102656	821.102656	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)
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Mobile Combustion - Scope 1	2.474966	0	0.011071	0.008169	0	0	0	0
Total	2.474966	0	0.011071	0.008169	0	0	0	0

Facility Emissions | Business Air Travel

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

Scope 3 Emissions	Total CO2e (t)	CO2 (t)	CH4 (t)	N2O (t)	HFC (t of CO2e)	PFC (t of co2e)	NF3 (t)	SF6 (t)
Scope 3 (Optional)	7,780.069349	7,780.069349	0	0	0	0	0	0
Total	7,780.069349	7,780.069349	0	0	0	0	0	0

Facility Emissions | CNG Use by Fleet

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

Facility Emissions | Colusa Generating Station

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	1,165,319.11	1,164,145.12	21.58	2.15	0	0	0	0

Total	1,165,319.11	1,164,145.12	21.58	2.15	0	0	0	0
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Facility Emissions | Compressed Gas Use

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	2.376	2.376	0	0	0	0	0	0
Total	2.376	2.376	0	0	0	0	0	0

Facility Emissions | CSU East Bay Fuel Cells

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

Facility Emissions | Dehydrator - Line 114

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

Facility Emissions | Dehydrator - Stanpac 4

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

Facility Emissions | Diesel Use by Fleet

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	38,667.089965	38,628.58547	0.154914	0.128931	0	0	0	0
Total	38,667.089965	38,628.58547	0.154914	0.128931	0	0	0	0

Facility Emissions | Diesel Use by Stationary Sources

Equity share - 100.00 | Entity controls the facility emissions - No

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	654.323147	652.181107	0.026444	0.005288	0	0	0	0
Total	654.323147	652.181107	0.026444	0.005288	0	0	0	0

Facility Emissions | Electricity Purchased for PG&E Customers

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

Scope 3 Emissions	Total CO2e (t)	CO2 (t)	CH4 (t)	N2O (t)	HFC (t of CO2e)	PFC (t of co2e)	NF3 (t)	SF6 (t)
Scope 3 (Optional)	142,802	142,802	0	0	0	0	0	0

Total	142,802	142,802	0	0	0	0	0	0
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Facility Emissions | Electricity Transmission and Distribution 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	636,104.885068	633,684.297685	38.219799	5.095971	0	0	0	0
Total	636,104.885068	633,684.297685	38.219799	5.095971	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	295,086.508554	292,665.921198	38.219799	5.095971	0	0	0	0
Total	295,086.508554	292,665.921198	38.219799	5.095971	0	0	0	0

Facility Emissions | Electricity Use

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	24,837.461192	24,742.94652	1.492336	0.198978	0	0	0	0
Total	24,837.461192	24,742.94652	1.492336	0.198978	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	698.3142	602.40668	1.542081	0.198978	0	0	0	0
Total	698.3142	602.40668	1.542081	0.198978	0	0	0	0

Facility Emissions | Electricity Use by Fleet

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	14.281307	14.226963	0.000858	0.000114	0	0	0	0
Total	14.281307	14.226963	0.000858	0.000114	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	5.954787	5.900443	0.000858	0.000114	0	0	0	0
Total	5.954787	5.900443	0.000858	0.000114	0	0	0	0

Facility Emissions | Embraer Legacy Corporate Jet

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

Facility Emissions | Employee Commute

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

Scope 3 Emissions	Total CO2e (t)	CO2 (t)	CH4 (t)	N2O (t)	HFC (t of CO2e)	PFC (t of co2e)	NF3 (t)	SF6 (t)
Scope 3 (Optional)	2,016.1653	2,016.1653	0	0	0	0	0	0
Total	2,016.1653	2,016.1653	0	0	0	0	0	0

Facility Emissions | Gasoline Use by Fleet

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	53,972.36591	53,907.5757	0.502926	0.191341	0	0	0	0
Total	53,972.36591	53,907.5757	0.502926	0.191341	0	0	0	0

Facility Emissions | Gateway Generating Station

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	1,219,858.79	1,218,630.02	22.59	2.25	0	0	0	0

Total	1,219,858.79	1,218,630.02	22.59	2.25	0	0	0	0
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Facility Emissions | Heaters for Gas System Operations

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	5.88	5.88	0	0	0	0	0	0
Total	5.88	5.88	0	0	0	0	0	0

Facility Emissions | Helicopter Fuel Use

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	1,996.37145	1,980.225	0	0.06093	0	0	0	0
Total	1,996.37145	1,980.225	0	0.06093	0	0	0	0

Facility Emissions | HFC Use - Fleet

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)
Fugitive - Scope 1	96.9995	0	0	0	0.074615	0	0	0
Total	96.9995	0	0	0	0.074615	0	0	0

Facility Emissions | HFC Use-Buildings

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)
Fugitive - Scope 1	1,311.10885	0	0	0	0.684649	0	0	0
Total	1,311.10885	0	0	0	0.684649	0	0	0

Facility Emissions | Humboldt Bay Generating Station

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	197,858.05	197,655.28	3.74	0.37	0	0	0	0
Total	197,858.05	197,655.28	3.74	0.37	0	0	0	0

Facility Emissions | LNG Use by Fleet

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

Facility Emissions | Natural Gas Supplied to PG&E Customers

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

Scope 3 Emissions	Total CO2e (t)	CO2 (t)	CH4 (t)	N2O (t)	HFC (t of CO2e)	PFC (t of co2e)	NF3 (t)	SF6 (t)
Scope 3 (Optional)	39,290,922.7373	39,250,536	741.0411	74.1041	0	0	0	0
Total	39,290,922.7373	39,250,536	741.0411	74.1041	0	0	0	0

Facility Emissions | Natural Gas System Fugitive Emissions

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)
Fugitive - Scope 1	608,449.065	576.653	21,709.729	0	0	0	0	0
Total	608,449.065	576.653	21,709.729	0	0	0	0	0

Facility Emissions | Natural Gas System Process Emissions

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)
Process - Scope 1	74,723.653	813.565	2,639.646	0	0	0	0	0
Fugitive - Scope 1	892.729	0.845	31.853	0	0	0	0	0
Total	75,616.382	814.41	2,671.499	0	0	0	0	0

Facility Emissions | Natural Gas Use

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	8,145.00343	8,120.737911	0.721365	0.015348	0	0	0	0
Total	8,145.00343	8,120.737911	0.721365	0.015348	0	0	0	0

Facility Emissions | PG&E Small Aircraft Fuel Use

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	0	0	0	0	0	0	0	0
Total	0	0	0	0	0	0	0	0

Facility Emissions | Propane Use

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	0.695401	0.690573	0.00011	0.000006	0	0	0	0
Total	0.695401	0.690573	0.00011	0.000006	0	0	0	0

Facility Emissions | Renewable Diesel Use by Fleet

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)
Mobile Biomass Combustion - Biomass	39,914.64728	39,914.64728	0	0	0	0	0	0
Total	39,914.64728	39,914.64728	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)
Mobile Combustion - Scope 1	278.209032	0	0.319855	1.016048	0	0	0	0
Total	278.209032	0	0.319855	1.016048	0	0	0	0

Facility Emissions | Renewable Natural Gas use by Fleet

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)
Mobile Biomass Combustion - Biomass	250.263402	250.263402	0	0	0	0	0	0
Total	250.263402	250.263402	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)
Mobile Combustion - Scope 1	16.129976	0	0.312579	0.02784	0	0	0	0
Total	16.129976	0	0.312579	0.02784	0	0	0	0

Facility Emissions | SF State Fuel Cells

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

Facility Emissions | SF6 Facility

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)
Fugitive - Scope 1	30,190.215	0	0	0	0	0	0	1.28469

Total	30,190.215	0	0	0	0	0	0	0	1.28469
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Facility Emissions | Storage Compressor - Los Medanos

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	7,644.456695	6,409.813594	44.043136	0.005414	0	0	0	0
Total	7,644.456695	6,409.813594	44.043136	0.005414	0	0	0	0

Facility Emissions | Storage Compressor - McDonald Island

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	7,243.79	7,240.71	0.11	0	0	0	0	0
Total	7,243.79	7,240.71	0.11	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	4,016.479688	4,001.195669	0.241326	0.032176	0	0	0	0
Total	4,016.479688	4,001.195669	0.241326	0.032176	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	112.924777	97.415519	0.24937	0.032176	0	0	0	0
Total	112.924777	97.415519	0.24937	0.032176	0	0	0	0

Facility Emissions | Storage Compressor - Pleasant Creek

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

Facility Emissions | Transmission Compressor - Bethany

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	4,655.495421	4,637.779737	0.279721	0.037296	0	0	0	0
Total	4,655.495421	4,637.779737	0.279721	0.037296	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	130.629868	112.914184	0.279721	0.037296	0	0	0	0
Total	130.629868	112.914184	0.279721	0.037296	0	0	0	0

Facility Emissions | Transmission Compressor - Burney

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	58,546.79	58,486.84	1.1	0.11	0	0	0	0
Total	58,546.79	58,486.84	1.1	0.11	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	434.076968	432.425164	0.026081	0.003477	0	0	0	0
Total	434.076968	432.425164	0.026081	0.003477	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	12.179887	10.528083	0.026081	0.003477	0	0	0	0
Total	12.179887	10.528083	0.026081	0.003477	0	0	0	0

Facility Emissions | Transmission Compressor - Delevan

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	31,580.336067	31,547.931954	0.59457	0.059457	0	0	0	0
Total	31,580.336067	31,547.931954	0.59457	0.059457	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	31,442.916517	31,323.265924	1.889219	0.251895	0	0	0	0
Total	31,442.916517	31,323.265924	1.889219	0.251895	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	882.265692	762.615099	1.889219	0.251895	0	0	0	0
Total	882.265692	762.615099	1.889219	0.251895	0	0	0	0

Facility Emissions | Transmission Compressor - Gerber

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)
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Stationary Combustion - Scope 1	60,166.44	60,105.65	1.13	0.11	0	0	0	0
Total	60,166.44	60,105.65	1.13	0.11	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	484.214252	482.464785	0.028129	0.003629	0	0	0	0
Total	484.214252	482.464785	0.028129	0.003629	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	12.712678	10.988618	0.027222	0.003629	0	0	0	0
Total	12.712678	10.988618	0.027222	0.003629	0	0	0	0

Facility Emissions | Transmission Compressor - Hinkley

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	55,836.26	55,780.36	1.05	0.1	0	0	0	0
Total	55,836.26	55,780.36	1.05	0.1	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	12.089695	12.04369	0.000726	0.000096	0	0	0	0
Total	12.089695	12.04369	0.000726	0.000096	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	0.339227	0.293222	0.000726	0.000096	0	0	0	0
Total	0.339227	0.293222	0.000726	0.000096	0	0	0	0

Facility Emissions | Transmission Compressor - Kettleman

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	36,301.77	36,266.83	0.68	0.06	0	0	0	0
Total	36,301.77	36,266.83	0.68	0.06	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	368.717489	367.3144	0.022154	0.002953	0	0	0	0
Total	368.717489	367.3144	0.022154	0.002953	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	10.345946	8.942857	0.022154	0.002953	0	0	0	0
Total	10.345946	8.942857	0.022154	0.002953	0	0	0	0

Facility Emissions | Transmission Compressor - Tionesta

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	26,815.01	26,787.76	0.5	0.05	0	0	0	0
Total	26,815.01	26,787.76	0.5	0.05	0	0	0	0

Facility Emissions | Transmission Compressor - Topock

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	42,942.87	42,901.92	0.8	0.07	0	0	0	0
Total	42,942.87	42,901.92	0.8	0.07	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	21.912293	21.820981	0.00142	0.000193	0	0	0	0

Total	21.912293	21.820981	0.00142	0.000193	0	0	0	0
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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	19.529665	19.438216	0.001425	0.000193	0	0	0	0
Total	19.529665	19.438216	0.001425	0.000193	0	0	0	0

Facility Emissions | Waste Emissions

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

Scope 3 Emissions	Total CO2e (t)	CO2 (t)	CH4 (t)	N2O (t)	HFC (t of CO2e)	PFC (t of co2e)	NF3 (t)	SF6 (t)
Scope 3 (Optional)	2,905.11	2,905.11	0	0	0	0	0	0
Total	2,905.11	2,905.11	0	0	0	0	0	0