

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, Oakland, California, US	Contact: Chris Benjamin	www.pge.com

Reporting Information

Inventory Type	Complete
Reporting Protocol:	GRP 3.0
GWP Standard:	AR6
Base Year:	
Scope 2 method	N/A - No Base Year reported
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	2,678,988.19373	2,674,825.020677	2,813.34464	1,349.828413	0	0	0	0
Mobile Combustion - Scope 1	97,345.255761	96,943.09002	31.613637	370.552104	0	0	0	0
Process - Scope 1	105,270.518589	101.95	105,168.568589	0	0	0	0	0
Fugitive - Scope 1	300,705.615077	266.5737	274,993.379999	0	1,129.380378	0	0	24,316.281
Total	3,182,309.583157	2,772,136.634397	383,006.906865	1,720.380517	1,129.380378	0	0	24,316.281
Applied Offsets								
Net Total	3,182,309.583157							

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	495,466.276473	493,776.855378	763.292662	926.128433	0	0	0	0
Total	495,466.276473	493,776.855378	763.292662	926.128433	0	0	0	0
Applied Offsets								
Net Total	495,466.276473							

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	209,189.600461	207,447.554021	780.70546	961.34098	0	0	0	0
Total	209,189.600461	207,447.554021	780.70546	961.34098	0	0	0	0
Applied Offsets								

Net Total 209,189.600461

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)
Mobile Biomass Combustion - Biomass	41,718.224064	41,718.224064	0	0	0	0	0	0
Total	41,718.224064	41,718.224064	0	0	0	0	0	0
Applied Offsets								
Net Total	41,718.224064							

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)
Scope 3 (Optional)	36,445,372.163595	36,408,136.329495	18,515.0502	18,720.7839	0	0	0	0
Total	36,445,372.163595	36,408,136.329495	18,515.0502	18,720.7839	0	0	0	0
Applied Offsets								
Net Total	36,445,372.163595							

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	2,678,988.19373	2,674,825.020677	104.197933	4.944411	0	0	0	0
Mobile Combustion - Scope 1	97,345.255761	96,943.09002	1.170863	1.357321	0	0	0	0
Process - Scope 1	105,270.518589	101.95	3,895.13217	0	0	0	0	0

Fugitive - Scope 1	300,705.615077	266.5737	10,184.94	0	1,129.380378	0	0	1.00067
Total	3,182,309.583157	2,772,136.634397	14,185.440966	6.301732	1,129.380378	0	0	1.00067

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	495,466.276473	493,776.855378	28.270093	3.392406	0	0	0	0
Total	495,466.276473	493,776.855378	28.270093	3.392406	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	209,189.600461	207,447.554021	28.915011	3.521389	0	0	0	0
Total	209,189.600461	207,447.554021	28.915011	3.521389	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	41,718.224064	41,718.224064	0	0	0	0	0	0
Total	41,718.224064	41,718.224064	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)	36,445,372.163595	36,408,136.329495	685.7426	68.5743	0	0	0	0
Total	36,445,372.163595	36,408,136.329495	685.7426	68.5743	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	77,846	3,719,494	2.09%
Market-based	77,846	3,433,218	2.27%

*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	1,429.097985	1,429.097985	0	0	0	0	0	0
Total	1,429.097985	1,429.097985	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	0	0	0	0	0	0	0	0
Total	0	0	0	0	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)	4,763.264195	4,763.264195	0	0	0	0	0	0
Total	4,763.264195	4,763.264195	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	1,134,258.06	1,133,120.49	21	2.09	0	0	0	0
Total	1,134,258.06	1,133,120.49	21	2.09	0	0	0	0

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)
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Stationary Combustion - Scope 1	2.376	2.376	0	0	0	0	0	0	0
Total	2.376	2.376	0						

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	39,058.265035	39,017.84172	0.158974	0.132347	0	0	0	0
Total	39,058.265035	39,017.84172	0.158974	0.132347	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)	198,103.68	198,103.68	0	0	0	0	0	0
Total	198,103.68	198,103.68	0	0	0	0	0	0

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	438,951.557851	437,454.838374	25.045505	3.005459	0	0	0	0
Total	438,951.557851	437,454.838374	25.045505	3.005459	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	206,836.68004	205,339.960563	25.045505	3.005459	0	0	0	0
Total	206,836.68004	205,339.960563	25.045505	3.005459	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)
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Purchased Electricity - Location Based - Scope 2	17,622.351875	17,562.263885	1.005488	0.120658	0	0	0	0
Total	17,622.351875	17,562.263885	1.005488	0.120658	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	733.684828	657.187266	1.206586	0.160878	0	0	0	0
Total	733.684828	657.187266	1.206586	0.160878	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	28.752016	28.653979	0.00164	0.000196	0	0	0	0
Total	28.752016	28.653979	0.00164	0.000196	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	1.197052	1.072243	0.001968	0.000262	0	0	0	0
Total	1.197052	1.072243	0.001968	0.000262	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	56,179.206461	56,107.3608	0.539154	0.209837	0	0	0	0
Total	56,179.206461	56,107.3608	0.539154	0.209837	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	1,121,280.2501 79	1,120,154.60214	20.760221	2.070044	0	0	0	0
Total	1,121,280.2501 79	1,120,154.60214	20.760221	2.070044	0	0	0	0

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	5.863146	5.857137	0.000108	0.000009	0	0	0	0
Total	5.863146	5.857137	0.000108	0.000009	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	1,833.157755	1,817.8875	0	0.055935	0	0	0	0
Total	1,833.157755	1,817.8875	0	0.055935	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	114.16095	0	0	0	114.16095	0	0	0
Total	114.16095	0	0	0	114.16095	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	1,015.219428	0	0	0	1,015.219428	0	0	0
Total	1,015.219428	0	0	0	1,015.219428	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	162,486.008924	162,318.261676	3.079475	0.309894	0	0	0	0
Total	162,486.008924	162,318.261676	3.079475	0.309894	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)	36,236,478.8341	36,199,243	685.7426	68.5743	0	0	0	0
Total	36,236,478.8341	36,199,243	685.7426	68.5743	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	275,259.953699	266.5737	10,184.94	0	0	0	0	0
Total	275,259.953699	266.5737	10,184.94	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	105,270.518589	101.95	3,895.13217	0	0	0	0	0
Total	105,270.518589	101.95	3,895.13217	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	6,229.179905	6,211.078445	0.55173	0.011738	0	0	0	0
Total	6,229.179905	6,211.078445	0.55173	0.011738	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	431.739748	428.77692	0.06835	0.004092	0	0	0	0
Total	431.739748	428.77692	0.06835	0.004092	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	40,149.33434	40,149.33434	0	0	0	0	0	0
Total	40,149.33434	40,149.33434	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	265.679971	0	0.298476	0.943666	0	0	0	0
Total	265.679971	0	0.298476	0.943666	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	139.791739	139.791739	0	0	0	0	0	0
Total	139.791739	139.791739	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	8.946539	0	0.174259	0.015536	0	0	0	0
Total	8.946539	0	0.174259	0.015536	0	0	0	0

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	24,316.281	0	0	0	0	0	0	1.00067
Total	24,316.281	0	0	0	0	0	0	1.00067

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	8,569.75362	7,110.86996	53.979704	0.005242	0	0	0	0
Total	8,569.75362	7,110.86996	53.979704	0.005242	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	3,288.516916	3,285.154992	0.061912	0.006189	0	0	0	0
Total	3,288.516916	3,285.154992	0.061912	0.006189	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	3,892.158258	3,878.886934	0.222077	0.026649	0	0	0	0
Total	3,892.158258	3,878.886934	0.222077	0.026649	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	162.045195	145.149572	0.266492	0.035532	0	0	0	0
Total	162.045195	145.149572	0.266492	0.035532	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)
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Stationary Combustion - Scope 1	0	0	0	0	0	0	0	0	0
Total	0	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	4,955.828559	4,938.930374	0.282767	0.033932	0	0	0	0
Total	4,955.828559	4,938.930374	0.282767	0.033932	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	206.329793	184.816842	0.339321	0.045242	0	0	0	0
Total	206.329793	184.816842	0.339321	0.045242	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	58,587.895313	58,527.999484	1.103053	0.110304	0	0	0	0

Total	58,587.895313	58,527.999484	1.103053	0.110304	0	0	0	0
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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	332.773015	331.63834	0.018987	0.002278	0	0	0	0
Total	332.773015	331.63834	0.018987	0.002278	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	13.854591	12.410045	0.022784	0.003037	0	0	0	0
Total	13.854591	12.410045	0.022784	0.003037	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	14,349.514656	14,334.844811	0.270162	0.027016	0	0	0	0
Total	14,349.514656	14,334.844811	0.270162	0.027016	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	29,083.798448	28,984.629676	1.65945	0.199134	0	0	0	0

Total	29,083.798448	28,984.629676	1.65945	0.199134	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	1,210.867984	1,084.616976	1.99134	0.265512	0	0	0	0
Total	1,210.867984	1,084.616976	1.99134	0.265512	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)
Stationary Combustion - Scope 1	52,263.699889	52,210.26948	0.983985	0.098398	0	0	0	0
Total	52,263.699889	52,210.26948	0.983985	0.098398	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	348.98623	347.796271	0.019912	0.002389	0	0	0	0
Total	348.98623	347.796271	0.019912	0.002389	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	14.529612	13.014685	0.023894	0.003185	0	0	0	0

Total	14.529612	13.014685	0.023894	0.003185	0	0	0	0
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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	51,192.698885	51,140.215166	0.96655	0.096654	0	0	0	0
Total	51,192.698885	51,140.215166	0.96655	0.096654	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	11.735327	11.695314	0.000669	0.00008	0	0	0	0
Total	11.735327	11.695314	0.000669	0.00008	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	0.488584	0.437643	0.000803	0.000107	0	0	0	0
Total	0.488584	0.437643	0.000803	0.000107	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	19,600.844331	19,580.794	0.369251	0.036925	0	0	0	0
Total	19,600.844331	19,580.794	0.369251	0.036925	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	224.852427	224.085735	0.012829	0.001539	0	0	0	0
Total	224.852427	224.085735	0.012829	0.001539	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	9.361454	8.385384	0.015395	0.002052	0	0	0	0
Total	9.361454	8.385384	0.015395	0.002052	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	11,930.612831	11,914.844032	0.358276	0.022326	0	0	0	0

Total	11,930.612831	11,914.844032	0.358276	0.022326	0	0	0	0
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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	34,511.179387	34,478.586434	0.645156	0.05558	0	0	0	0
Total	34,511.179387	34,478.586434	0.645156	0.05558	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	13.482467	13.436496	0.000769	0.000092	0	0	0	0
Total	13.482467	13.436496	0.000769	0.000092	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	0.561328	0.502802	0.000923	0.000123	0	0	0	0
Total	0.561328	0.502802	0.000923	0.000123	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)	4,010.22	4,010.22	0	0	0	0	0	0
Total	4,010.22	4,010.22	0	0	0	0	0	0