

Description:	Viridis Consulting is a clean energy firm that helps businesses transition to sustainable energy solutions. The firm offers services such as program strategy, technology feasibility, and carbon reduction. The company's mission is to create energy equity and a carbon-free economy through tailored solutions.		
Industry:	54 - Professional, Scientific, and Technical Services		
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Reporting Information

Reporting Protocol:	GRP 3.0		
GWP Standard:	AR5		
Base Year:	2023		
Consolidation Methodology:	Equity Share Only		
Status:	Reporting Complete		

Verification Information

Verification Body:			
Level of Assurance:	Reasonable		

Entity Emissions | Total in metric tons of CO2e

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	2.213935	2.203972	0.003662	0.006301	0	0	0	0
Purchased Heating - Location Based - Scope 2	0.701284	0.699202	0.001733	0.000349	0	0	0	0
Total	2.915219	2.903174	0.005395	0.00665	0	0	0	0
Applied Offsets	3							
Net Total	0							

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	2.213935	2.203972	0.003662	0.006301	0	0	0	0
Purchased Heating - Market Based - Scope 2	0.701284	0.699202	0.001733	0.000349	0	0	0	0
Total	2.915219	2.903174	0.005395	0.00665	0	0	0	0
Applied Offsets	3							
Net Total	0							

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)
Business Travel - Scope 3 (Optional)	2.988	2.988	0	0	0	0	0	0
Employee Commuting - Scope 3 (Optional)	1.4	1.4	0	0	0	0	0	0
Total	4.388	4.388	0	0	0	0	0	0
Applied Offsets	5							

Net Total	0
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Entity Emissions | Total in metric tons of gas

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	2.213935	2.203972	0.000144	0.000021	0	0	0	0
Purchased Heating - Location Based - Scope 2	0.701284	0.699202	0.000061	0.000001	0	0	0	0
Total	2.915219	2.903174	0.000205	0.000022	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	2.213935	2.203972	0.000144	0.000021	0	0	0	0
Purchased Heating - Market Based - Scope 2	0.701284	0.699202	0.000061	0.000001	0	0	0	0
Total	2.915219	2.903174	0.000205	0.000022	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)	2.988	2.988	0	0	0	0	0	0
Employee Commuting - Scope 3 (Optional)	1.4	1.4	0	0	0	0	0	0
Total	4.388	4.388	0	0	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	7	0.00%
Market-based	0	7	0.00%
*Total based on Scope 1, Scope 2, & biomass emissions			

Facility Emissions | Viridis - All

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

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	2.213935	2.203972	0.000144	0.000021	0	0	0	0
Purchased Heating - Location Based - Scope 2	0.701284	0.699202	0.000061	0.000001	0	0	0	0
Total	2.915219	2.903174	0.000205	0.000022	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	2.213935	2.203972	0.000144	0.000021	0	0	0	0
Purchased Heating - Market Based - Scope 2	0.701284	0.699202	0.000061	0.000001	0	0	0	0
Total	2.915219	2.903174	0.000205	0.000022	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)	2.988	2.988	0	0	0	0	0	0
Employee Commuting - Scope 3 (Optional)	1.4	1.4	0	0	0	0	0	0
Total	4.388	4.388	0	0	0	0	0	0

Source Emissions | Business Travel (bus, car, airplane)

Activity Type	Gas	Fuel Type	End Use Sector	Technology	Calculation Method	SEM	Fuel	Fuel Quantity	Emission Factor	Reference	Gas Quantity	CO2e
Business Travel - Scope 3 (Optional)	CO2	PreCalculated	PreCalculated	PreCalculated	PreCalculated	No	PreCalculated		N/A	N/A	2.7	2.7

Source Emissions | CA Office sc 2 purchased electricity location

Activity Type	Gas	Fuel Type	End Use Sector	Technology	Calculation Method	SEM	Fuel	Fuel Quantity	Emission Factor	Reference	Gas Quantity	CO2e
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Purchased Electricity - Location Based - Scope 2	CO2	Regional Grid-Average	2022	Unspecified Technology	Emission Factor	No	WECC California	0.8704 MWh	497.400000 lb/MWh	2024 Default Emission Factors - Table #3.1	0.196377	0.196377
Purchased Electricity - Location Based - Scope 2	CH4	Regional Grid-Average	2022	Unspecified Technology	Emission Factor	No	WECC California	0.8704 MWh	30.000000 lb/GWh	2024 Default Emission Factors - Table #3.1	0.000011	0.000331
Purchased Electricity - Location Based - Scope 2	N2O	Regional Grid-Average	2022	Unspecified Technology	Emission Factor	No	WECC California	0.8704 MWh	4.000000 lb/GWh	2024 Default Emission Factors - Table #3.1	0.000001	0.000418

Source Emissions | CA office sc 2 purchased electricity market

Activity Type	Gas	Fuel Type	End Use Sector	Technology	Calculation Method	SEM	Fuel	Fuel Quantity	Emission Factor	Reference	Gas Quantity	CO2e
Purchased Electricity - Market Based - Scope 2	CO2	Regional Grid-Average	2022	Unspecified Technology	Emission Factor	No	WECC California	0.8704 MWh	497.400000 lb/MWh	2024 Default Emission Factors - Table #3.1	0.196377	0.196377
Purchased Electricity - Market Based - Scope 2	CH4	Regional Grid-Average	2022	Unspecified Technology	Emission Factor	No	WECC California	0.8704 MWh	30.000000 lb/GWh	2024 Default Emission Factors - Table #3.1	0.000011	0.000331
Purchased Electricity - Market Based - Scope 2	N2O	Regional Grid-Average	2022	Unspecified Technology	Emission Factor	No	WECC California	0.8704 MWh	4.000000 lb/GWh	2024 Default Emission Factors - Table #3.1	0.000001	0.000418

Source Emissions | CA office sc 2 purchased heating location

Activity Type	Gas	Fuel Type	End Use Sector	Technology	Calculation Method	SEM	Fuel	Fuel Quantity	Emission Factor	Reference	Gas Quantity	CO2e
Purchased Heating - Location Based - Scope 2	CO2	Fuel-Specific Factor	District Heating (US weighted average)	Commerical	Emission Factor	No	Natural Gas	1.3632 MMBtu	53.060000 kg/MMBtu	2024 Default Emission Factors - Table #1.1	0.096441	0.096441

Purchased Heating - Location Based - Scope 2	CH4	Fuel-Specific Factor	District Heating (US weighted average)	Commerical	Emission Factor	No	Natural Gas	1.3632 MMBtu	4.700000 g/MMBtu	2024 Default Emission Factors - Table #1.9	0.000008	0.000239
Purchased Heating - Location Based - Scope 2	N2O	Fuel-Specific Factor	District Heating (US weighted average)	Commerical	Emission Factor	No	Natural Gas	1.3632 MMBtu	0.100000 g/MMBtu	2024 Default Emission Factors - Table #1.9	0	0.000048

Source Emissions | CA office sc 2 purchased heating market

Activity Type	Gas	Fuel Type	End Use Sector	Technology	Calculation Method	SEM	Fuel	Fuel Quantity	Emission Factor	Reference	Gas Quantity	CO2e
Purchased Heating - Market Based - Scope 2	CO2	Fuel-Specific Factor	District Heating (US weighted average)	Commerical	Emission Factor	No	Natural Gas	1.3632 MMBtu	53.060000 kg/MMBtu	2024 Default Emission Factors - Table #1.1	0.096441	0.096441
Purchased Heating - Market Based - Scope 2	CH4	Fuel-Specific Factor	District Heating (US weighted average)	Commerical	Emission Factor	No	Natural Gas	1.3632 MMBtu	4.700000 g/MMBtu	2024 Default Emission Factors - Table #1.9	0.000008	0.000239
Purchased Heating - Market Based - Scope 2	N2O	Fuel-Specific Factor	District Heating (US weighted average)	Commerical	Emission Factor	No	Natural Gas	1.3632 MMBtu	0.100000 g/MMBtu	2024 Default Emission Factors - Table #1.9	0	0.000048

Source Emissions | Employee Commuting (bus, car)

Activity Type	Gas	Fuel Type	End Use Sector	Technology	Calculation Method	SEM	Fuel	Fuel Quantity	Emission Factor	Reference	Gas Quantity	CO2e
Employee Commuting - Scope 3 (Optional)	CO2	PreCalculated	PreCalculated	PreCalculated	PreCalculated	No	PreCalculated		N/A	N/A	1.4	1.4

Source Emissions | Hotel stay 14 nights

Activity Type	Gas	Fuel Type	End Use Sector	Technology	Calculation Method	SEM	Fuel	Fuel Quantity	Emission Factor	Reference	Gas Quantity	CO2e
Business Travel - Scope 3 (Optional)	CO2	PreCalculated	PreCalculated	PreCalculated	PreCalculated	No	PreCalculated		N/A	N/A	0.288	0.288

Source Emissions | TX office sc 2 purchased electricity location

Activity Type	Gas	Fuel Type	End Use Sector	Technology	Calculation Method	SEM	Fuel	Fuel Quantity	Emission Factor	Reference	Gas Quantity	CO2e
Purchased Electricity - Location Based - Scope 2	CO2	Regional Grid-Average	2022	Unspecified Technology	Emission Factor	No	ERCOT All	5,440 kWh	771.100000 lb/MWh	2024 Default Emission Factors - Table #3.1	2.007595	2.007595
Purchased Electricity - Location Based - Scope 2	CH4	Regional Grid-Average	2022	Unspecified Technology	Emission Factor	No	ERCOT All	5,440 kWh	49.000000 lb/GWh	2024 Default Emission Factors - Table #3.1	0.000133	0.003331
Purchased Electricity - Location Based - Scope 2	N2O	Regional Grid-Average	2022	Unspecified Technology	Emission Factor	No	ERCOT All	5,440 kWh	7.000000 lb/GWh	2024 Default Emission Factors - Table #3.1	0.00002	0.005883

Source Emissions | TX office sc 2 purchased heating location

Activity Type	Gas	Fuel Type	End Use Sector	Technology	Calculation Method	SEM	Fuel	Fuel Quantity	Emission Factor	Reference	Gas Quantity	CO2e
Purchased Heating - Location Based - Scope 2	CO2	Fuel-Specific Factor	District Heating (US weighted average)	Commercial	Emission Factor	No	Natural Gas	8.52 MMBtu	53.060000 kg/MMBtu	2024 Default Emission Factors - Table #1.1	0.602761	0.602761
Purchased Heating - Location Based - Scope 2	CH4	Fuel-Specific Factor	District Heating (US weighted average)	Commercial	Emission Factor	No	Natural Gas	8.52 MMBtu	4.700000 g/MMBtu	2024 Default Emission Factors - Table #1.9	0.000053	0.001494

Purchased Heating - Location Based - Scope 2	N2O	Fuel-Specific Factor	District Heating (US weighted average)	Commerical	Emission Factor	No	Natural Gas	8.52 MMBtu	0.100000 g/MMBtu	2024 Default Emission Factors - Table #1.9	0.000001	0.000301
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Source Emissions | TX office sc 2 purchased heating market

Activity Type	Gas	Fuel Type	End Use Sector	Technology	Calculation Method	SEM	Fuel	Fuel Quantity	Emission Factor	Reference	Gas Quantity	CO2e
Purchased Heating - Market Based - Scope 2	CO2	Fuel-Specific Factor	District Heating (US weighted average)	Commerical	Emission Factor	No	Natural Gas	8.52 MMBtu	53.060000 kg/MMBtu	2024 Default Emission Factors - Table #1.1	0.602761	0.602761
Purchased Heating - Market Based - Scope 2	CH4	Fuel-Specific Factor	District Heating (US weighted average)	Commerical	Emission Factor	No	Natural Gas	8.52 MMBtu	4.700000 g/MMBtu	2024 Default Emission Factors - Table #1.9	0.000053	0.001494
Purchased Heating - Market Based - Scope 2	N2O	Fuel-Specific Factor	District Heating (US weighted average)	Commerical	Emission Factor	No	Natural Gas	8.52 MMBtu	0.100000 g/MMBtu	2024 Default Emission Factors - Table #1.9	0.000001	0.000301

Source Emissions | TX office sc2 purchased electricity market

Activity Type	Gas	Fuel Type	End Use Sector	Technology	Calculation Method	SEM	Fuel	Fuel Quantity	Emission Factor	Reference	Gas Quantity	CO2e
Purchased Electricity - Market Based - Scope 2	CO2	Regional Grid-Average	2022	Unspecified Technology	Emission Factor	No	ERCOT All	5,440 kWh	771.100000 lb/MWh	2024 Default Emission Factors - Table #3.1	2.007595	2.007595
Purchased Electricity - Market Based - Scope 2	CH4	Regional Grid-Average	2022	Unspecified Technology	Emission Factor	No	ERCOT All	5,440 kWh	49.000000 lb/GWh	2024 Default Emission Factors - Table #3.1	0.000133	0.003331
Purchased Electricity - Market Based - Scope 2	N2O	Regional Grid-Average	2022	Unspecified Technology	Emission Factor	No	ERCOT All	5,440 kWh	7.000000 lb/GWh	2024 Default Emission Factors - Table #3.1	0.000002	0.005883

