

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**

Inventory Type	
Reporting Protocol:	GRP 3.0
GWP Standard:	AR5
Base Year:	2023
Scope 2 method	
Reporting Year Type	Calendar Year
Consolidation Methodology:	Equity Share Only
Status:	Reporting Complete

**Verification Information**

Verification Body:	N/A
Level of Assurance:	N/A

## 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 (t of CO2e)	NF3 (t of CO2e)	SF6 (t of CO2e)
Purchased Electricity - Location Based - Scope 2	2.001025	1.993543	0.003246	0.004236	0	0	0	0
Purchased Heating - Location Based - Scope 2	0.701427	0.699344	0.001734	0.000349	0	0	0	0
<b>Total</b>	2.702452	2.692887	0.00498	0.004585	0	0	0	0
<b>Applied Offsets</b>	3							
<b>Net Total</b>	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 (t of CO2e)	NF3 (t of CO2e)	SF6 (t of CO2e)
Purchased Electricity - Market Based - Scope 2	2.03804	2.031147	0.00297	0.003923	0	0	0	0
Purchased Heating - Market Based - Scope 2	0.701427	0.699344	0.001734	0.000349	0	0	0	0
<b>Total</b>	2.739467	2.730491	0.004704	0.004272	0	0	0	0
<b>Applied Offsets</b>	3							
<b>Net Total</b>	0							

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)	3.365474	3.337	0.00224	0.026234	0	0	0	0
Employee Commuting - Scope 3 (Optional)	0.6988	0.068	0.1008	0.53	0	0	0	0
<b>Total</b>	4.064274	3.405	0.10304	0.556234	0	0	0	0
<b>Applied Offsets</b>	5							

Net Total 0

## 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	2.001025	1.993543	0.000115	0.000015	0	0	0	0
Purchased Heating - Location Based - Scope 2	0.701427	0.699344	0.000061	0.000001	0	0	0	0
<b>Total</b>	<b>2.702452</b>	<b>2.692887</b>	<b>0.000176</b>	<b>0.000016</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

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	2.03804	2.031147	0.000106	0.000014	0	0	0	0
Purchased Heating - Market Based - Scope 2	0.701427	0.699344	0.000061	0.000001	0	0	0	0
<b>Total</b>	<b>2.739467</b>	<b>2.730491</b>	<b>0.000167</b>	<b>0.000015</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

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)	3.365474	3.337	0.00008	0.000099	0	0	0	0
Employee Commuting - Scope 3 (Optional)	0.6988	0.068	0.0036	0.002	0	0	0	0
<b>Total</b>	<b>4.064274</b>	<b>3.405</b>	<b>0.00368</b>	<b>0.002099</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

## Simplified Estimation Methods (SEMs)

	Total Estimated CO2e (t)	Total Emissions (t of CO2e)	Estimated CO2e as a Percentage of Total*
Location-based	0	3	0.00%
Market-based	0	3	0.00%

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

## Facility Emissions | Viridis - All

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	2.001025	1.993543	0.000115	0.000015	0	0	0	0
Purchased Heating - Location Based - Scope 2	0.701427	0.699344	0.000061	0.000001	0	0	0	0
<b>Total</b>	<b>2.702452</b>	<b>2.692887</b>	<b>0.000176</b>	<b>0.000016</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

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	2.03804	2.031147	0.000106	0.000014	0	0	0	0
Purchased Heating - Market Based - Scope 2	0.701427	0.699344	0.000061	0.000001	0	0	0	0
<b>Total</b>	<b>2.739467</b>	<b>2.730491</b>	<b>0.000167</b>	<b>0.000015</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

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)	3.365474	3.337	0.00008	0.000099	0	0	0	0
Employee Commuting - Scope 3 (Optional)	0.6988	0.068	0.0036	0.002	0	0	0	0
<b>Total</b>	4.064274	3.405	0.00368	0.002099	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	3.112	3.112
Business Travel - Scope 3 (Optional)	CH4	PreCalculated	PreCalculated	PreCalculated	PreCalculated	No	PreCalculated		N/A	N/A	0.00008	0.00224
Business Travel - Scope 3 (Optional)	N2O	PreCalculated	PreCalculated	PreCalculated	PreCalculated	No	PreCalculated		N/A	N/A	0.000099	0.026234

### 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
Purchased Electricity - Location Based - Scope 2	CO2	Regional Grid-Average	2023	Unspecified Technology	Emission Factor	No	WECC California	870.4 kWh	436.660000 lb/MWh	2024 Default Emission Factors - Table #3.1	0.172396	0.172396
Purchased Electricity - Location Based - Scope 2	CH4	Regional Grid-Average	2023	Unspecified Technology	Emission Factor	No	WECC California	870.4 kWh	25.000000 lb/GWh	2024 Default Emission Factors - Table #3.1	0.000009	0.000276

Purchased Electricity - Location Based - Scope 2	N2O	Regional Grid-Average	2023	Unspecified Technology	Emission Factor	No	WECC California	870.4 kWh	3.000000 lb/GWh	2024 Default Emission Factors - Table #3.1	0.000001	0.000313
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### 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	Utility-Specific Rate	PreCalculated	PreCalculated	PreCalculated	No	PreCalculated		N/A	N/A	0.21	0.21

### 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
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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	0.068	0.068
Employee Commuting - Scope 3 (Optional)	CH4	PreCalculated	PreCalculated	PreCalculated	PreCalculated	No	PreCalculated		N/A	N/A	0.0036	0.1008
Employee Commuting - Scope 3 (Optional)	N2O	PreCalculated	PreCalculated	PreCalculated	PreCalculated	No	PreCalculated		N/A	N/A	0.002	0.53

### Source Emissions | Hotel stay 15 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	0.225	0.225

### Source Emissions | TX ffice 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	2023	Unspecified Technology	Emission Factor	No	ERCOT All	5,440 kWh	738.040000 lb/MWh	2024 Default Emission Factors - Table #3.1	1.821147	1.821147
Purchased Electricity - Location Based - Scope 2	CH4	Regional Grid-Average	2023	Unspecified Technology	Emission Factor	No	ERCOT All	5,440 kWh	43.000000 lb/GWh	2024 Default Emission Factors - Table #3.1	0.000106	0.00297
Purchased Electricity - Location Based - Scope 2	N2O	Regional Grid-Average	2023	Unspecified Technology	Emission Factor	No	ERCOT All	5,440 kWh	6.000000 lb/GWh	2024 Default Emission Factors - Table #3.1	0.000014	0.003923

### 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)	Commerical	Emission Factor	No	Natural Gas	8.522 MMBtu	53.060000 kg/MMBtu	2024 Default Emission Factors - Table #1.1	0.602903	0.602903
Purchased Heating - Location Based - Scope 2	CH4	Fuel-Specific Factor	District Heating (US weighted average)	Commerical	Emission Factor	No	Natural Gas	8.522 MMBtu	4.700000 g/MMBtu	2024 Default Emission Factors - Table #1.9	0.000053	0.001495
Purchased Heating - Location Based - Scope 2	N2O	Fuel-Specific Factor	District Heating (US weighted average)	Commerical	Emission Factor	No	Natural Gas	8.522 MMBtu	0.100000 g/MMBtu	2024 Default Emission Factors - Table #1.9	0.000001	0.000301

### 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	8.522 MMBtu	53.060000 kg/MMBtu	2024 Default Emission Factors - Table #1.1	0.602903	0.602903
Purchased Heating - Market Based - Scope 2	CH4	Fuel-Specific Factor	District Heating (US weighted average)	Commerical	Emission Factor	No	Natural Gas	8.522 MMBtu	4.700000 g/MMBtu	2024 Default Emission Factors - Table #1.9	0.000053	0.001495
Purchased Heating - Market Based - Scope 2	N2O	Fuel-Specific Factor	District Heating (US weighted average)	Commerical	Emission Factor	No	Natural Gas	8.522 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	2023	Unspecified Technology	Emission Factor	No	ERCOT All	5,440 kWh	738.040000 lb/MWh	2024 Default Emission Factors - Table #3.1	1.821147	1.821147
Purchased Electricity - Market Based - Scope 2	CH4	Regional Grid-Average	2023	Unspecified Technology	Emission Factor	No	ERCOT All	5,440 kWh	43.000000 lb/GWh	2024 Default Emission Factors - Table #3.1	0.000106	0.00297
Purchased Electricity - Market Based - Scope 2	N2O	Regional Grid-Average	2023	Unspecified Technology	Emission Factor	No	ERCOT All	5,440 kWh	6.000000 lb/GWh	2024 Default Emission Factors - Table #3.1	0.000014	0.003923