

Description: The North Tahoe Public Utility District provides water, wastewater, and recreation service to the residents and visitors of Kings Beach, Tahoe Vista, Carnelian Bay, Cedar Flat, and Agate Bay. The District’s boundaries span from the Nevada state line in Crystal Bay to Dollar Hill. The District maintains several public beaches and owns and operates the North Tahoe Regional Park, the Tahoe Vista Recreation Area, and the North Tahoe Event Center in downtown Kings Beach.

Industry: 22 - Utilities

Address: 875 National Ave, Tahoe Vista, California, US

Contact: Justin Broglio

<https://ntpud.org/>

Reporting Information

Inventory Type: Complete

Reporting Protocol: GHG Protocol

GWP Standard: AR6

Base Year: 2023

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: Cameron-Cole, LLC

Level of Assurance: Limited

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 | 149.546333 | 149.09 | 0.37962 | 0.076713 | 0 | 0 | 0 | 0 |
| Mobile Combustion - Scope 1 | 192.839991 | 192.4175 | 0.128088 | 0.294403 | 0 | 0 | 0 | 0 |
| Total | 342.386324 | 341.5075 | 0.507708 | 0.371116 | 0 | 0 | 0 | 0 |
| Applied Offsets | | | | | | | | |
| Net Total | 342.386324 | | | | | | | |

| 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 | 437.249014 | 435.583393 | 0.709335 | 0.956286 | 0 | 0 | 0 | 0 |
| Total | 437.249014 | 435.583393 | 0.709335 | 0.956286 | 0 | 0 | 0 | 0 |
| Applied Offsets | | | | | | | | |
| Net Total | 437.249014 | | | | | | | |

| 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 | 499.154 | 499.154 | 0 | 0 | 0 | 0 | 0 | 0 |
| Total | 499.154 | 499.154 | 0 | 0 | 0 | 0 | 0 | 0 |
| Applied Offsets | | | | | | | | |
| Net Total | 499.154 | | | | | | | |

| 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) | 0.466557 | 0 | 0 | 0.466557 | 0 | 0 | 0 | 0 |
| Employee Commuting - Scope 3 (Optional) | 157.61543 | 156.956 | 0.08613 | 0.5733 | 0 | 0 | 0 | 0 |
| Waste Generated in Operations - Scope 3 (Optional) | 28.0854 | 0 | 28.0854 | 0 | 0 | 0 | 0 | 0 |
| Total | 186.167387 | 156.956 | 28.17153 | 1.039857 | 0 | 0 | 0 | 0 |
| Applied Offsets | | | | | | | | |
| Net Total | 186.167387 | | | | | | | |

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 | 149.546333 | 149.09 | 0.01406 | 0.000281 | 0 | 0 | 0 | 0 |
| Mobile Combustion - Scope 1 | 192.839991 | 192.4175 | 0.004744 | 0.001078 | 0 | 0 | 0 | 0 |
| Total | 342.386324 | 341.5075 | 0.018804 | 0.001359 | 0 | 0 | 0 | 0 |

| 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 | 437.249014 | 435.583393 | 0.026271 | 0.003504 | 0 | 0 | 0 | 0 |
| Total | 437.249014 | 435.583393 | 0.026271 | 0.003504 | 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 | 499.154 | 499.154 | 0 | 0 | 0 | 0 | 0 | 0 |
| Total | 499.154 | 499.154 | 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) | 0.466557 | 0 | 0 | 0.001709 | 0 | 0 | 0 | 0 |
| Employee Commuting - Scope 3 (Optional) | 157.61543 | 156.956 | 0.00319 | 0.0021 | 0 | 0 | 0 | 0 |
| Waste Generated in Operations - Scope 3 (Optional) | 28.0854 | 0 | 1.0402 | 0 | 0 | 0 | 0 | 0 |
| Total | 186.167387 | 156.956 | 1.04339 | 0.003809 | 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 | 779 | 0.00% |
| Market-based | 0 | 841 | 0.00% |

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

Facility Emissions | Building & Facility Energy

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 | 124.449782 | 124.07 | 0.0117 | 0.000234 | 0 | 0 | 0 | 0 |
| Total | 124.449782 | 124.07 | 0.0117 | 0.000234 | 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 | 75.118156 | 74.832007 | 0.004513 | 0.000602 | 0 | 0 | 0 | 0 |
| Total | 75.118156 | 74.832007 | 0.004513 | 0.000602 | 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 | 85.754 | 85.754 | 0 | 0 | 0 | 0 | 0 | 0 |
| Total | 85.754 | 85.754 | 0 | 0 | 0 | 0 | 0 | 0 |

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) |
|-----------------------------------------|----------------|---------|---------|---------|-----------------|-----------------|---------|---------|
| Employee Commuting - Scope 3 (Optional) | 157.61543 | 156.956 | 0.00319 | 0.0021 | 0 | 0 | 0 | 0 |

| | | | | | | | | |
|--------------|-----------|---------|---------|--------|---|---|---|---|
| Total | 157.61543 | 156.956 | 0.00319 | 0.0021 | 0 | 0 | 0 | 0 |
|--------------|-----------|---------|---------|--------|---|---|---|---|

Facility Emissions | Employee Solid Waste

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) |
|----------------------------------------------------|----------------|---------|---------|---------|-----------------|-----------------|---------|---------|
| Waste Generated in Operations - Scope 3 (Optional) | 28.0854 | 0 | 1.0402 | 0 | 0 | 0 | 0 | 0 |
| Total | 28.0854 | 0 | 1.0402 | 0 | 0 | 0 | 0 | 0 |

Facility Emissions | Off Road 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 | 16.883284 | 16.7415 | 0.00095 | 0.000425 | 0 | 0 | 0 | 0 |
| Total | 16.883284 | 16.7415 | 0.00095 | 0.000425 | 0 | 0 | 0 | 0 |

Facility Emissions | On Road 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 | 175.956707 | 175.676 | 0.003794 | 0.000653 | 0 | 0 | 0 | 0 |
| Total | 175.956707 | 175.676 | 0.003794 | 0.000653 | 0 | 0 | 0 | 0 |

Facility Emissions | Wastewater Export and Pumping

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 | 13.396845 | 13.356 | 0.00126 | 0.000025 | 0 | 0 | 0 | 0 |
| Total | 13.396845 | 13.356 | 0.00126 | 0.000025 | 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 | 151.728362 | 151.15038 | 0.009116 | 0.001216 | 0 | 0 | 0 | 0 |
| Total | 151.728362 | 151.15038 | 0.009116 | 0.001216 | 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 | 173.21 | 173.21 | 0 | 0 | 0 | 0 | 0 | 0 |
| Total | 173.21 | 173.21 | 0 | 0 | 0 | 0 | 0 | 0 |

Facility Emissions | Wastewater Generated at NTPUD facilities

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) | 0.466557 | 0 | 0 | 0.001709 | 0 | 0 | 0 | 0 |
| Total | 0.466557 | 0 | 0 | 0.001709 | 0 | 0 | 0 | 0 |

Facility Emissions | Water Production and Distribution

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 | 11.699706 | 11.664 | 0.0011 | 0.000022 | 0 | 0 | 0 | 0 |
| Total | 11.699706 | 11.664 | 0.0011 | 0.000022 | 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 | 210.402496 | 209.601006 | 0.012642 | 0.001686 | 0 | 0 | 0 | 0 |
| Total | 210.402496 | 209.601006 | 0.012642 | 0.001686 | 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 | 240.19 | 240.19 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Total | 240.19 | 240.19 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |