

Description: SRP is an integrated electric utility, providing generation, transmission and distribution services. As a community-based not-for-profit water and energy company, SRP provides reliable, affordable and sustainable water and power to more than 2 million people living in central Arizona. SRP has provided these essential resources for more than a century to meet the needs of customers and help the region grow.

Industry: 22 - Utilities

Address: 1500 N. Mill Ave. **Contact:** www.srpnet.com

Reporting Information

Reporting Protocol: GRP 3.0

GWP Standard: AR5

Base Year: 2005

Consolidation Methodology: Equity Share Only

Status: TCR Accepted

Verification Information

Verification Body: TÜV SÜD America, Inc - Ruby Canyon

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	16,182,000.247	16,134,666.035	6,543.292	40,790.92	0	0	0	0
Mobile Combustion - Scope 1	19,527.684	19,411.59	6.384	109.71	0	0	0	0
Fugitive - Scope 1	93,826.11	77.21	60,381.16	0	1,290.24	0	0	32,077.5
Total	16,295,354.041	16,154,154.835	66,930.836	40,900.63	1,290.24	0	0	32,077.5
Applied Offsets	0							
Net Total	16,295,354.041							

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	133,245.19	132,678.642	246.428	320.12	0	0	0	0
Total	133,245.19	132,678.642	246.428	320.12	0	0	0	0
Applied Offsets	0							
Net Total	133,245.19							

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	94,828.652	94,424.717	172.06	231.875	0	0	0	0
Total	94,828.652	94,424.717	172.06	231.875	0	0	0	0
Applied Offsets	0							
Net Total	94,828.652							

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)
Stationary Biomass Combustion - Biomass	63.86	63.86	0	0	0	0	0	0
Stationary Combustion - Scope 1	0	0	0	0	0	0	0	0
Mobile Biomass Combustion - Biomass	1,959	1,959	0	0	0	0	0	0
Mobile Combustion - Scope 1	0	0	0	0	0	0	0	0
Total	2,022.86	2,022.86	0	0	0	0	0	0
Applied Offsets	0							
Net Total	2,022.86							

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	16,182,000.247	16,134,666.035	233.689	153.928	0	0	0	0
Mobile Combustion - Scope 1	19,527.684	19,411.59	0.228	0.414	0	0	0	0
Fugitive - Scope 1	93,826.11	77.21	2,156.47	0	1,290.24	0	0	1.365
Total	16,295,354.041	16,154,154.835	2,390.387	154.342	1,290.24	0	0	1.365

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	133,245.19	132,678.642	8.801	1.208	0	0	0	0

Total	133,245.19	132,678.642	8.801	1.208	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 CO2e (t of CO2e)	NF3 (t)	SF6 (t)
Purchased Electricity - Market Based - Scope 2	94,828.652	94,424.717	6.145	0.875	0	0	0	0
Total	94,828.652	94,424.717	6.145	0.875	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)
Stationary Biomass Combustion - Biomass	63.86	63.86	0	0	0	0	0	0
Stationary Combustion - Scope 1	0	0	0	0	0	0	0	0
Mobile Biomass Combustion - Biomass	1,959	1,959	0	0	0	0	0	0
Mobile Combustion - Scope 1	0	0	0	0	0	0	0	0
Total	2,022.86	2,022.86	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	16,430,622	0.00%
Market-based	0	16,392,206	0.00%

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

Facility Emissions | Fugitive

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	93,826.11	77.21	2,156.47	0	1,290.24	0	0	1.365
Total	93,826.11	77.21	2,156.47	0	1,290.24	0	0	1.365

Facility Emissions | Mobile Combustion

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	1,959	1,959	0	0	0	0	0	0
Total	1,959	1,959	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	19,527.684	19,411.59	0.228	0.414	0	0	0	0
Mobile Combustion - Scope 1	0	0	0	0	0	0	0	0
Total	19,527.684	19,411.59	0.228	0.414	0	0	0	0

Facility Emissions | Power Generation

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	15,689,011.525	15,642,188.853	224.354	152.984	0	0	0	0
Total	15,689,011.525	15,642,188.853	224.354	152.984	0	0	0	0

Facility Emissions | Purchased Electricity - Location-Based

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	133,245.19	132,678.642	8.801	1.208	0	0	0	0
Total	133,245.19	132,678.642	8.801	1.208	0	0	0	0

Facility Emissions | Purchased Electricity - Market-Based

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

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	94,828.652	94,424.717	6.145	0.875	0	0	0	0

Total	94,828.652	94,424.717	6.145	0.875	0	0	0	0
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Facility Emissions | Stationary Combustion

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)
Stationary Biomass Combustion - Biomass	63.86	63.86	0	0	0	0	0	0
Total	63.86	63.86	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)
Stationary Combustion - Scope 1	492,988.722	492,477.182	9.335	0.944	0	0	0	0
Stationary Combustion - Scope 1	0	0	0	0	0	0	0	0
Total	492,988.722	492,477.182	9.335	0.944	0	0	0	0