

Xoom Energy New York LLC

Fuel Sources and Air Emission Pertaining to Electricity Generation for **Xoom Energy New York, LLC** for its Green Offering of 50% Renewables

January 1, 2023 - December 31, 2023



Department of
Public Service

Note: Xoom Energy New York, LLC provided the renewable retail load value for its green offering that is included in the label calculations. It procured the required volume of compliant RECs to meet the 50% renewable goal of its green offering.

NYISO ID: XOOMNY

Fuel Sources	
Biomass	0%
Coal	0%
Hydroelectric	100%
Natural Gas	0%
Nuclear	0%
Oil	0%
Renewable Biogas	0%
Solar	0%
Solid Waste	0%
Wind	0%
Total	100%

Total may vary slightly from 100% due to rounding)

Air Emissions Relative to the New York State Average		
Sulfur Dioxide (SO ₂)	0% of Average	
Nitrogen Oxide (NO _x)	0% of Average	
Carbon Dioxide (CO ₂)	0% of Average	
<p>Note: Sulfur dioxide and nitrogen oxides are key pollutants that contribute to acid rain and smog, and carbon dioxide contributes to global climate change. Depending on fuel source, size and location, the generation of electricity may also result in other public health, environmental and socio-economic impacts not disclosed above. This label displays information on the electricity provided to all customers of this load serving entity (LSE).</p>		

Viridian Energy NY LLC

Fuel Sources and Air Emission Pertaining to Electricity Generation for **Viridian Energy NY, LLC** for its Green Offering of 50% Renewables

January 1, 2023— December 31, 2023



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of Public Service

Note: Viridian Energy NY, LLC provided the renewable retail load value for its green offering that is included in the label calculations. It procured the required volume of compliant RECs to meet the 50% renewable goal of its green offering.

NYISO ID: VIRIDIAN

Fuel Sources

Biomass	0%
Coal	0%
Hydroelectric	75%
Natural Gas	0%
Nuclear	0%
Oil	0%
Renewable Biogas	0%
Solar	0%
Solid Waste	0%
Wind	25%
Total	100%

(Total may vary slightly from 100% due to rounding)

Air Emissions Relative to the New York State Average

Sulfur Dioxide (SO₂) 0% of Average

Nitrogen Oxide (NO_x) 0% of Average

Carbon Dioxide (CO₂) 0% of Average

0%

100 %

200%

Note: Sulfur dioxide and nitrogen oxides are key pollutants that contribute to acid rain and smog, and carbon dioxide contributes to global climate change. Depending on fuel source, size and location, the generation of electricity may also result in other public health, environmental and socio-economic impacts not disclosed above. This label displays information on the electricity provided to all customers of this load serving entity (LSE).

Viridian Energy NY LLC

Fuel Sources and Air Emission Pertaining to Electricity Generation for **Viridian Energy NY, LLC** for its Green Offering of 100% Renewables

January 1, 2023— December 31, 2023



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Note: Viridian Energy NY, LLC provided the renewable retail load value for its green offering that is included in the label calculations. It procured the required volume of compliant RECs to meet the 100% renewable goal of its green offering.

NYISO ID: VIRIDIAN

Fuel Sources

Biomass	0%
Coal	0%
Hydroelectric	86%
Natural Gas	0%
Nuclear	0%
Oil	0%
Renewable Biogas	0%
Solar	0%
Solid Waste	0%
Wind	14%
Total	100%

(Total may vary slightly from 100% due to rounding)

Air Emissions Relative to the New York State Average

Sulfur Dioxide (SO₂) 0% of Average

Nitrogen Oxide (NO_x) 0% of Average

Carbon Dioxide (CO₂) 0% of Average

0%

100 %

200%

Note: Sulfur dioxide and nitrogen oxides are key pollutants that contribute to acid rain and smog, and carbon dioxide contributes to global climate change. Depending on fuel source, size and location, the generation of electricity may also result in other public health, environmental and socio-economic impacts not disclosed above. This label displays information on the electricity provided to all customers of this load serving entity (LSE).

Verde Energy USA New York LLC

Fuel Sources and Air Emission Pertaining to Electricity Generation for Verde Energy USA New York, LLC for its Green Offering of 100% Renewables



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NYISO ID: VERDE

Note: Verde Energy USA New York, LLC provided the renewable retail load value for its green offering that is included in the label calculations. It procured the required volume of compliant RECs to meet the 100% renewable goal of its green offering.

Biomass	0%
Coal	0%
Hydroelectric	87%
Natural Gas	0%
Nuclear	0%
Oil	0%
Renewable Biogas	0%
Solar	0%
Solid Waste	0%
Wind	13%
Total	100%

(Total may vary slightly from 100% due to rounding)

Air Emissions Relative to the New York State Average

Sulfur Dioxide (SO ₂)	0% of Average
Nitrogen Oxide (NO _x)	0% of Average
Carbon Dioxide (CO ₂)	0% of Average
	0% 100 % 200%

Note: Sulfur dioxide and nitrogen oxides are key pollutants that contribute to acid rain and smog, and carbon dioxide contributes to global climate change. Depending on fuel source, size and location, the generation of electricity may also result in other public health, environmental and socio-economic impacts not disclosed above. This label displays information on the electricity provided to all customers of this load serving entity (LSE).

Stream Energy New York LLC

Fuel Sources and Air Emission Pertaining to Electricity Generation for
Stream Energy New York, LLC for its Green Offering of 50% Renewables

January 1, 2023— December 31, 2023

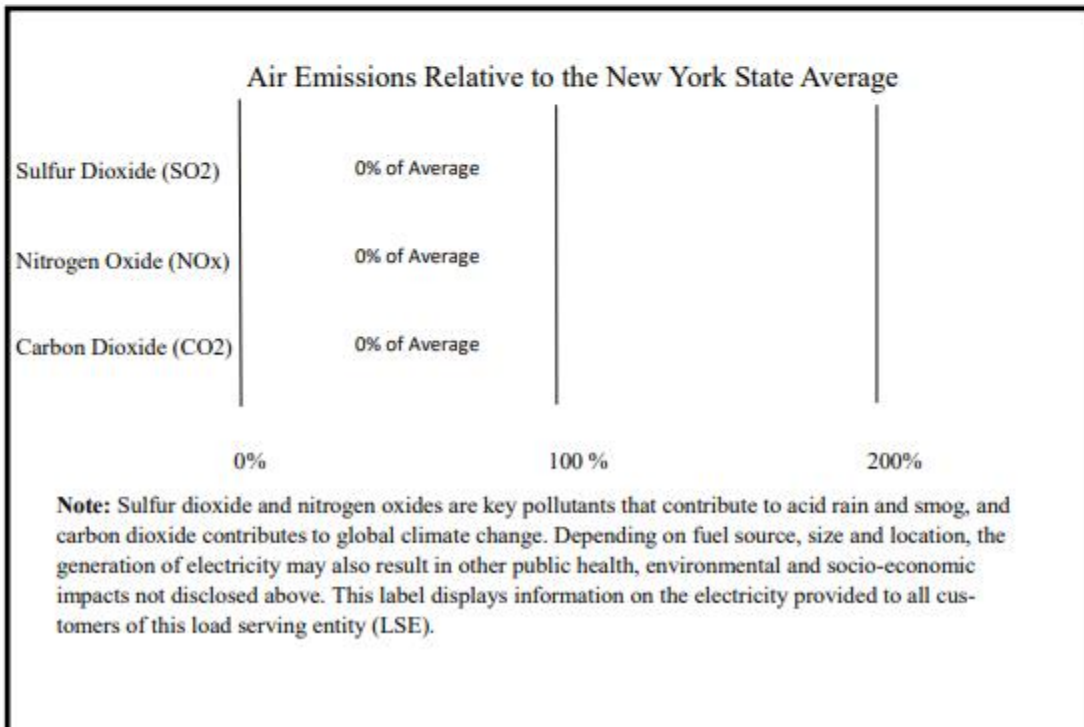


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Note: Stream Energy New York, LLC provided the renewable retail load value for its green offering that is included in the label calculations. It procured the required volume of compliant RECs to meet the 50% renewable goal of its green offering.

NYISO ID: STREAM

Fuel Sources	
Biomass	0%
Coal	0%
Hydroelectric	100%
Natural Gas	0%
Nuclear	0%
Oil	0%
Renewable Biogas	0%
Solar	0%
Solid Waste	0%
Wind	0%
Total	0%
(Total may vary slightly from 100% due to rounding)	



Residents Energy LLC

Fuel Sources and Air Emission Pertaining to Electricity Generation for
Residents Energy, LLC for its Green Offering of 50% Renewables

January 1, 2023 — December 31, 2023



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Note: Residents Energy, LLC provided the renewable retail load value for its green offering that is included in the label calculations. It procured the required volume of compliant REC's to meet the 50% renewable goal of its green offering.

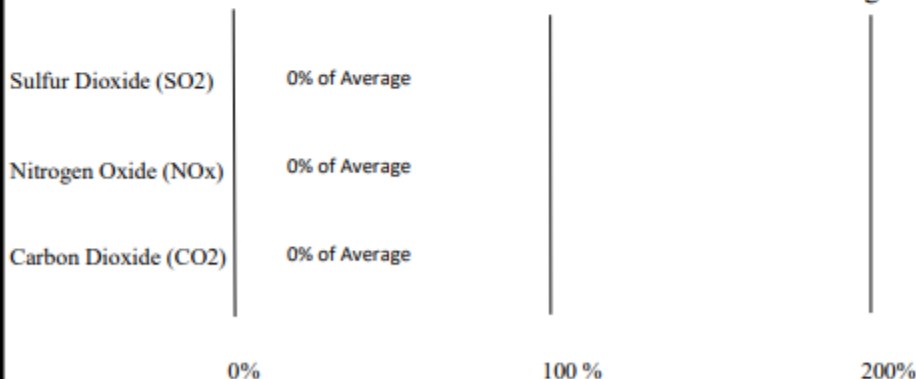
NYISO ID: **RESIDENT**

Fuel Sources

Biomass	0%
Coal	0%
Hydroelectric	100%
Natural Gas	0%
Nuclear	0%
Oil	0%
Renewable Biogas	0%
Solar	0%
Solid Waste	0%
Wind	0%
Total	100%

(Total may vary slightly from 100% due to rounding)

Air Emissions Relative to the New York State Average



Note: Sulfur dioxide and nitrogen oxides are key pollutants that contribute to acid rain and smog, and carbon dioxide contributes to global climate change. Depending on fuel source, size and location, the generation of electricity may also result in other public health, environmental and socio-economic impacts not disclosed above. This label displays information on the electricity provided to all customers of this load serving entity (LSE).

Residents Energy LLC

Fuel Sources and Air Emission Pertaining to Electricity Generation for
Residents Energy, LLC for its Green Offering of 100% Renewables

January 1, 2023— December 31, 2023



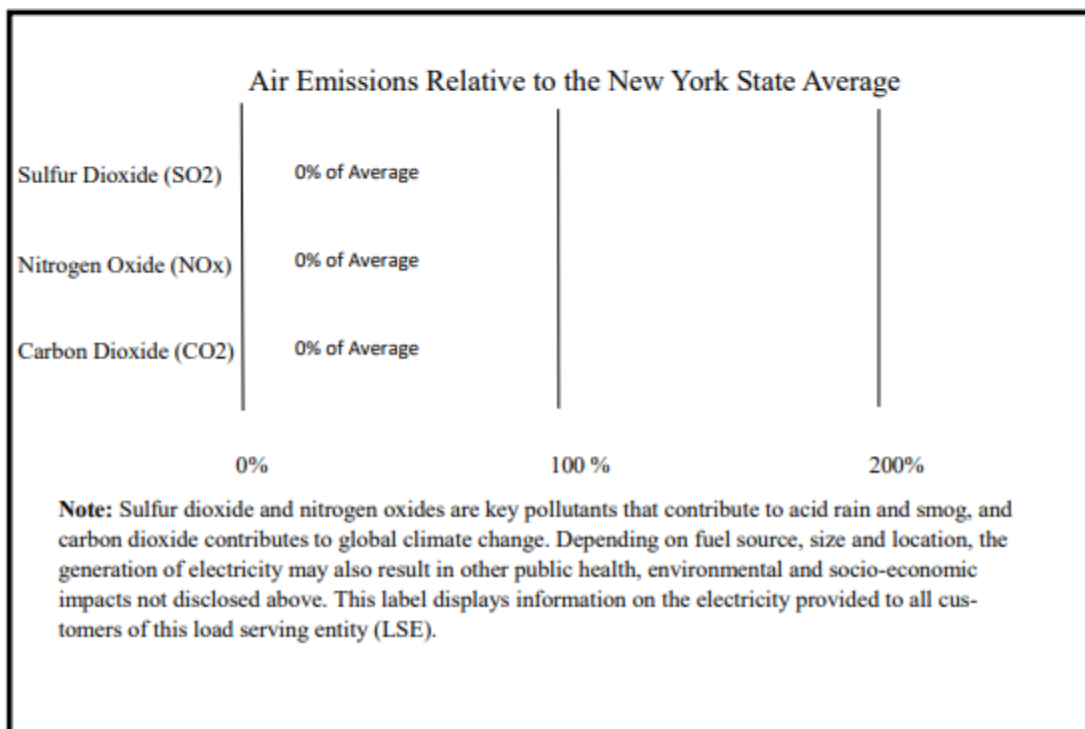
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Note: Residents Energy, LLC provided the renewable retail load value for its green offering that is included in the label calculations. It procured the required volume of compliant RECs to meet the 100% renewable goal of its green offering.

NYISO ID: **RESIDENT**

Fuel Sources		
Biomass		0%
Coal		0%
Hydroelectric		100%
Natural Gas		0%
Nuclear		0%
Oil		0%
Renewable Biogas		0%
Solar		0%
Solid Waste		0%
Wind		0%
Total		100%

(Total may vary slightly from 100% due to rounding)



Reliant Energy Northeast LLC

Fuel Sources and Air Emission Pertaining to Electricity Generation for Reliant Energy Northeast, LLC dba NRG Retail Solutions for its Green Offering of 50% Renewables



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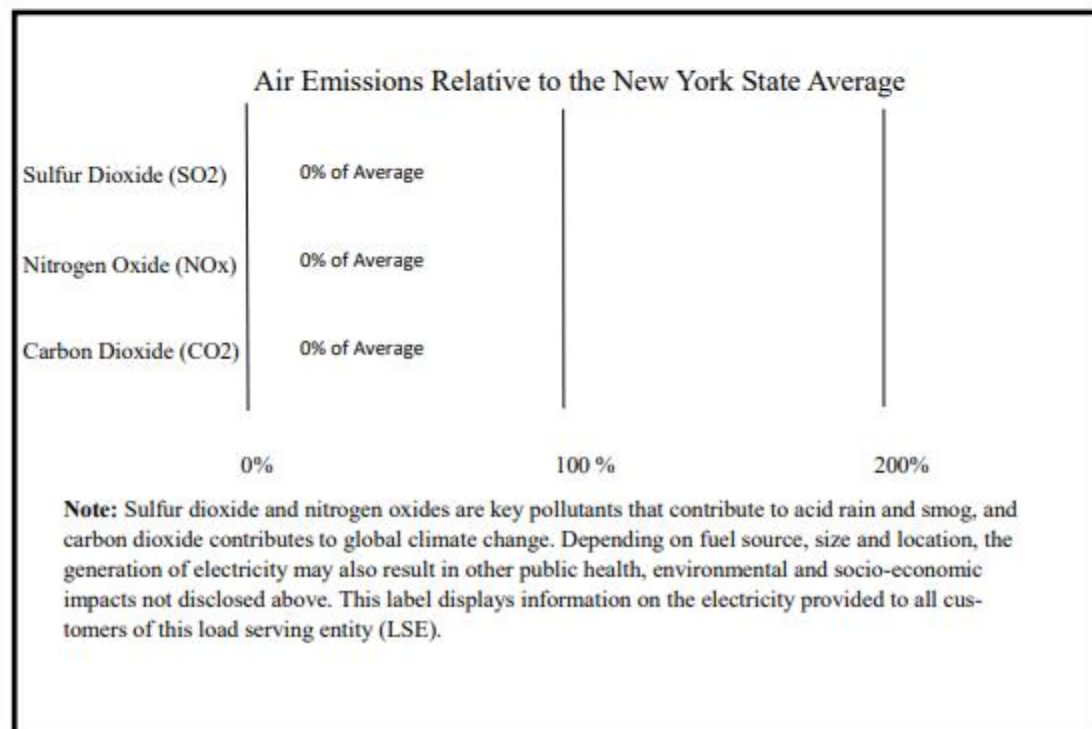
January 1, 2023 - December 31, 2023

NYISO ID: RENE

Note: Reliant Energy Northeast provided the renewable retail load value for its green offering that is included in the label calculations. It procured the required volume of compliant RECs to meet the 50% renewable goal of its green offering.

Fuel Sources	
Biomass	0%
Coal	0%
Hydroelectric	100%
Natural Gas	0%
Nuclear	0%
Oil	0%
Renewable Biogas	0%
Solar	0%
Solid Waste	0%
Wind	%
Total	100%

(Total may vary slightly from 100% due to rounding)



Public Power LLC

Fuel Sources and Air Emission Pertaining to Electricity Generation for **Public Power, LLC** for its Green Offering of 50% Renewables

January 1, 2023 - December 31, 2023



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Note: Public Power, LLC provided the renewable retail load value for its green offering that is included in the label calculations. It procured the required volume of compliant RECs to meet the 50% renewable goal of its green offering.

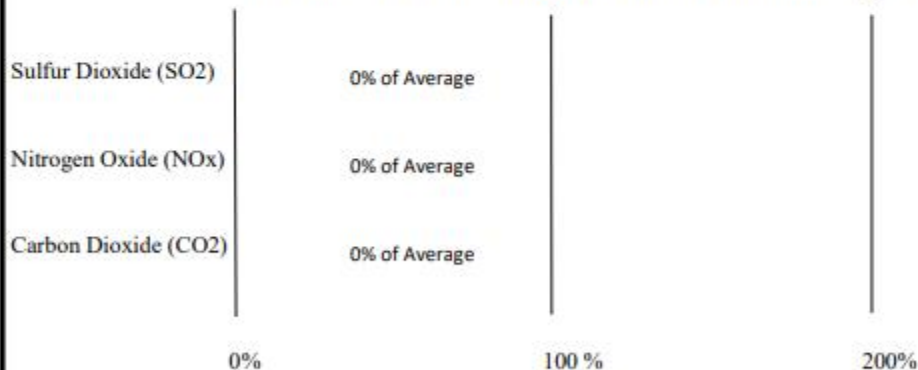
NYISO ID: PUBPOWNY

Fuel Sources

Biomass	0%
Coal	0%
Hydroelectric	100%
Natural Gas	0%
Nuclear	0%
Oil	0%
Renewable Biogas	0%
Solar	0%
Solid Waste	0%
Wind	0%
Total	100%

(Total may vary slightly from 100% due to rounding)

Air Emissions Relative to the New York State Average



Note: Sulfur dioxide and nitrogen oxides are key pollutants that contribute to acid rain and smog, and carbon dioxide contributes to global climate change. Depending on fuel source, size and location, the generation of electricity may also result in other public health, environmental and socio-economic impacts not disclosed above. This label displays information on the electricity provided to all customers of this load serving entity (LSE).

Northeastern Power & Gas LLC

Fuel Sources and Air Emission Pertaining to Electricity Generation for **North-eastern Power & Gas, LLC** for its Green Offering of 50% Renewables

January 1, 2023 - December 31, 2023

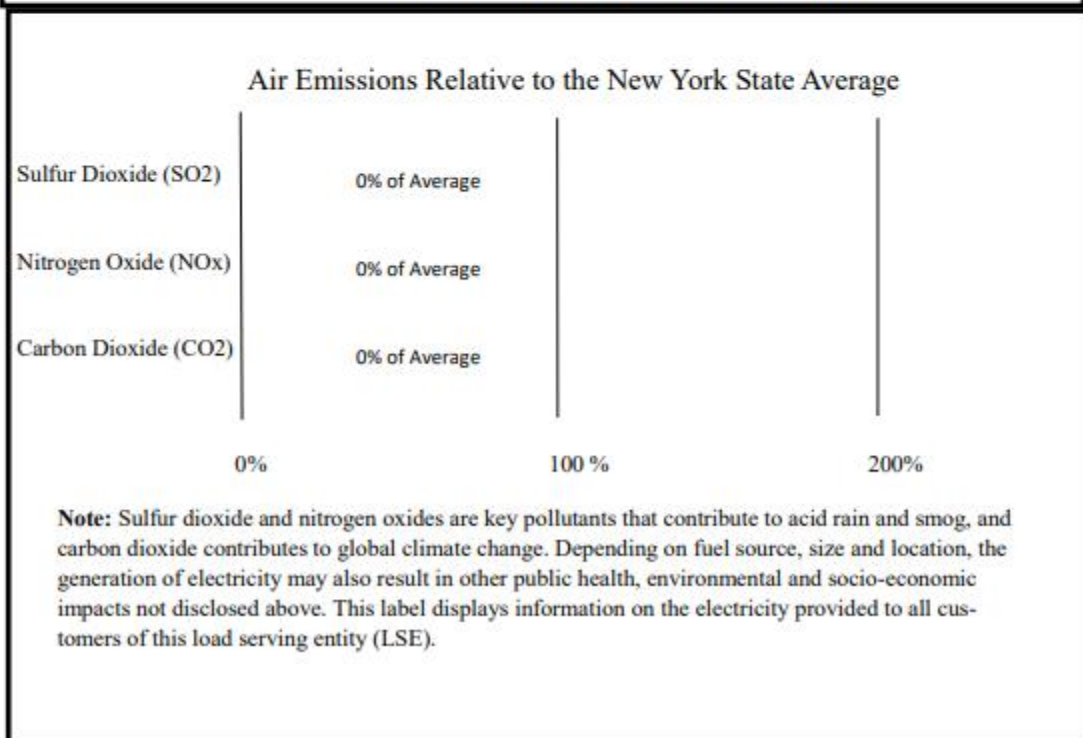


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Note: Northeastern Power & Gas, LLC provided the renewable retail load value for its green offering that is included in the label calculations. It procured the required volume of compliant RECs to meet the 50% renewable goal of its green offering.

NYISO ID: NEPWGAS

Fuel Sources	
Biomass	0%
Coal	0%
Hydroelectric	100%
Natural Gas	0%
Nuclear	0%
Oil	0%
Renewable Biogas	0%
Solar	0%
Solid Waste	0%
Wind	0%
Total	100%
(Total may vary slightly from 100% due to rounding)	



Nordic Energy Services LLC

Fuel Sources and Air Emission Pertaining to Electricity Generation for **Nordic Energy Services, LLC** for its Green Offering of 100% Renewables

January 1, 2023— December 31, 2023



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Note: New Wave Energy provided the renewable retail load value for its green offering that is included in the label calculations. It procured the required volume of compliant RECs to meet the 100% renewable goal of its green offering.

NYISO ID: NORDIC

Fuel Sources

Biomass	0%
Coal	0%
Hydroelectric	100%
Natural Gas	0%
Nuclear	0%
Oil	0%
Renewable Biogas	0%
Solar	0%
Solid Waste	0%
Wind	0%
Total	100%

(Total may vary slightly from 100% due to rounding)

Air Emissions Relative to the New York State Average

Sulfur Dioxide (SO ₂)	0% of Average
Nitrogen Oxide (NO _x)	0% of Average
Carbon Dioxide (CO ₂)	0% of Average

0% 100 % 200%

Note: Sulfur dioxide and nitrogen oxides are key pollutants that contribute to acid rain and smog, and carbon dioxide contributes to global climate change. Depending on fuel source, size and location, the generation of electricity may also result in other public health, environmental and socio-economic impacts not disclosed above. This label displays information on the electricity provided to all customers of this load serving entity (LSE).

New Wave Energy LLC

Fuel Sources and Air Emission Pertaining to Electricity Generation for **New Wave Energy, LLC** for its Green Offering of 50% Renewables

January 1, 2023— December 31, 2023

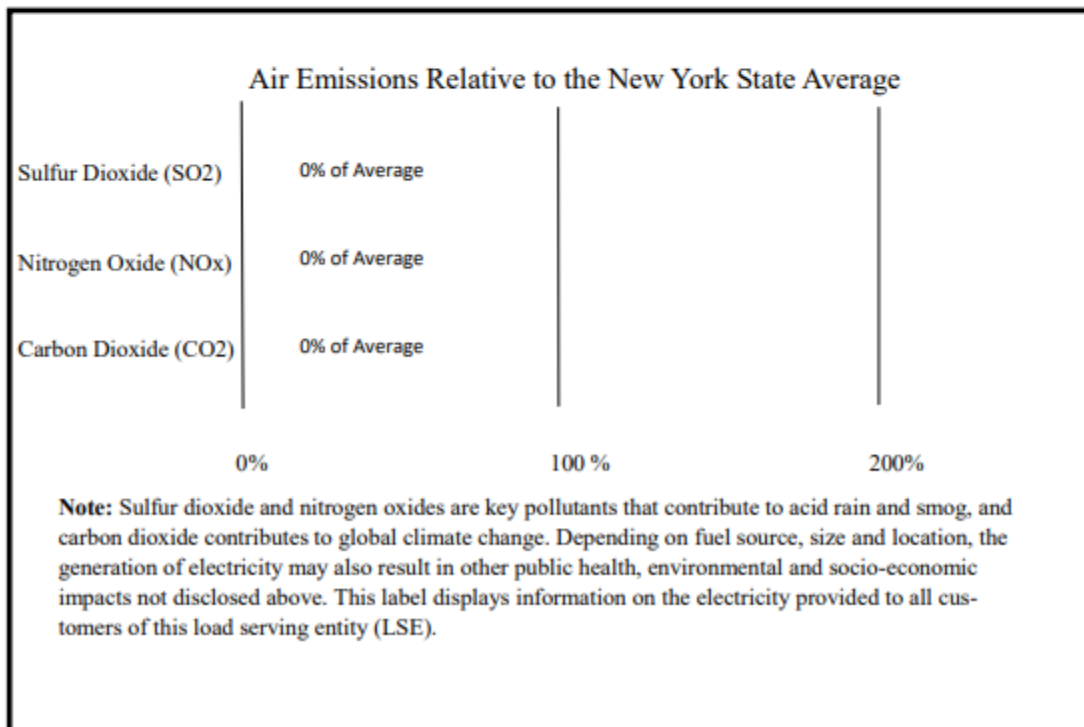


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Note: New Wave Energy provided the renewable retail load value for its green offering that is included in the label calculations. It procured the required volume of compliant RECs to meet the 50% renewable goal of its green offering.

NYISO ID: NEWWAV

Fuel Sources	
Biomass	0%
Coal	0%
Hydroelectric	100%
Natural Gas	0%
Nuclear	0%
Oil	0%
Renewable Biogas	0%
Solar	0%
Solid Waste	0%
Wind	0%
Total	100%
(Total may vary slightly from 100% due to rounding)	



IDT Energy Inc

Fuel Sources and Air Emission Pertaining to Electricity Generation for
IDT Energy, Inc. for its Green Offering of 100% Renewables



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January 1, 2023— December 31, 2023

Note: IDT Energy, Inc. provided the renewable retail load value for its green offering that is included in the label calculations. It procured the required volume of compliant RECs to meet the 100% renewable goal of its green offering.

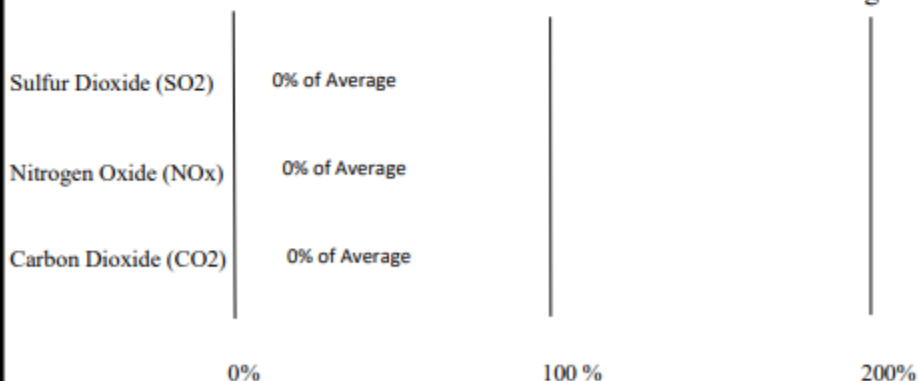
NYISO ID: IDTENERG

Fuel Sources

Biomass	0%
Coal	0%
Hydroelectric	50%
Natural Gas	0%
Nuclear	0%
Oil	0%
Renewable Biogas	0%
Solar	0%
Solid Waste	0%
Wind	50%
Total	100%

(Total may vary slightly from 100% due to rounding)

Air Emissions Relative to the New York State Average



Note: Sulfur dioxide and nitrogen oxides are key pollutants that contribute to acid rain and smog, and carbon dioxide contributes to global climate change. Depending on fuel source, size and location, the generation of electricity may also result in other public health, environmental and socio-economic impacts not disclosed above. This label displays information on the electricity provided to all customers of this load serving entity (LSE). If necessary, product specific labels can be generated by the LSE.

IDT Energy Inc

Fuel Sources and Air Emission Pertaining to Electricity Generation for IDT Energy, Inc. for its Green Offering of 50% Renewables

January 1, 2023— December 31, 2023



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Public Service

Note: IDT Energy, Inc. provided the renewable retail load value for its green offering that is included in the label calculations. It procured the required volume of compliant RECs to meet the 50% renewable goal of its green offering.

NYISO ID: IDTENERG

Fuel Sources

Biomass	0%
Coal	0%
Hydroelectric	80%
Natural Gas	0%
Nuclear	0%
Oil	0%
Renewable Biogas	0%
Solar	0%
Solid Waste	0%
Wind	20%
Total	100%

(Total may vary slightly from 100% due to rounding)

Air Emissions Relative to the New York State Average

Sulfur Dioxide (SO₂) 0% of Average

Nitrogen Oxide (NO_x) 0% of Average

Carbon Dioxide (CO₂) 0% of Average

0%

100 %

200%

Note: Sulfur dioxide and nitrogen oxides are key pollutants that contribute to acid rain and smog, and carbon dioxide contributes to global climate change. Depending on fuel source, size and location, the generation of electricity may also result in other public health, environmental and socio-economic impacts not disclosed above. This label displays information on the electricity provided to all customers of this load serving entity (LSE).

Green Mountain Energy

Fuel Sources and Air Emission Pertaining to Electricity Generation for
Green Mountain Energy for its Green Offering of 100% Renewables



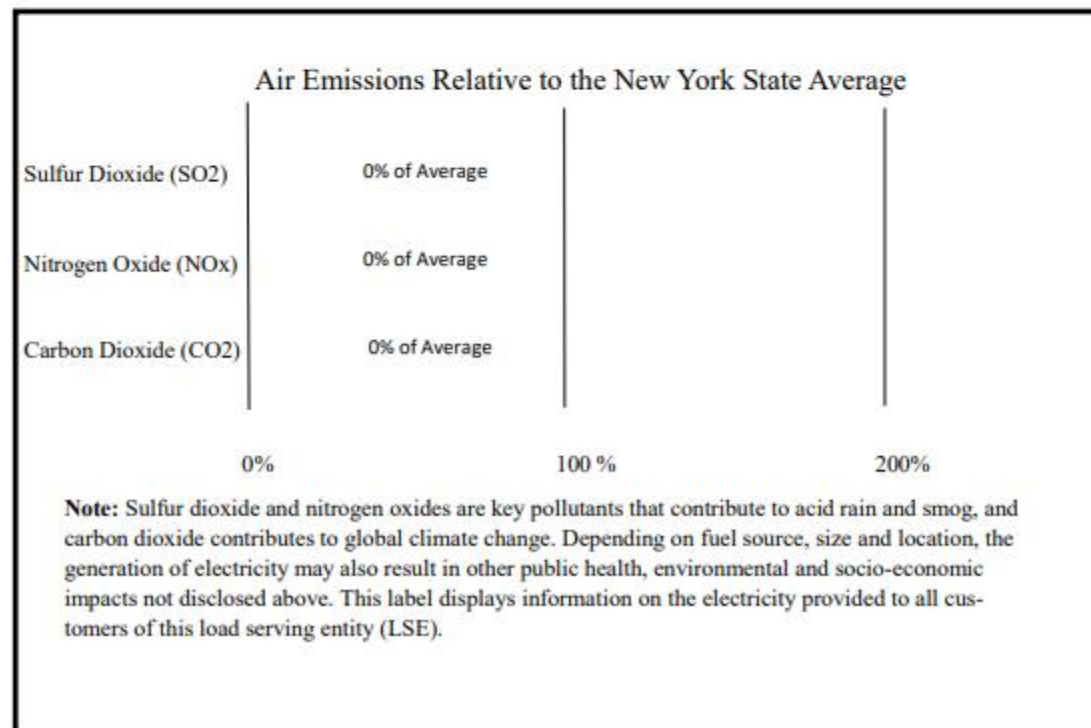
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January 1, 2023— December 31, 2023

Note: Green Mountain Energy provided the renewable retail load value for its green offering that is included in the label calculations. It procured the required volume of compliant RECs to meet the 100% renewable goal of its green offering.

NYISO ID: GREENMOU

Fuel Sources	
Biomass	0%
Coal	0%
Hydroelectric	75%
Natural Gas	0%
Nuclear	0%
Oil	0%
Renewable Biogas	0%
Solar	0%
Solid Waste	0%
Wind	25%
Total	100%
(Total may vary slightly from 100% due to rounding)	



Great American Gas & Electric LLC

Fuel Sources and Air Emission Pertaining to Electricity Generation for **Great American Gas & Electric, LLC** for its Green Offering of 100% Renewables

January 1, 2023— December 31, 2023

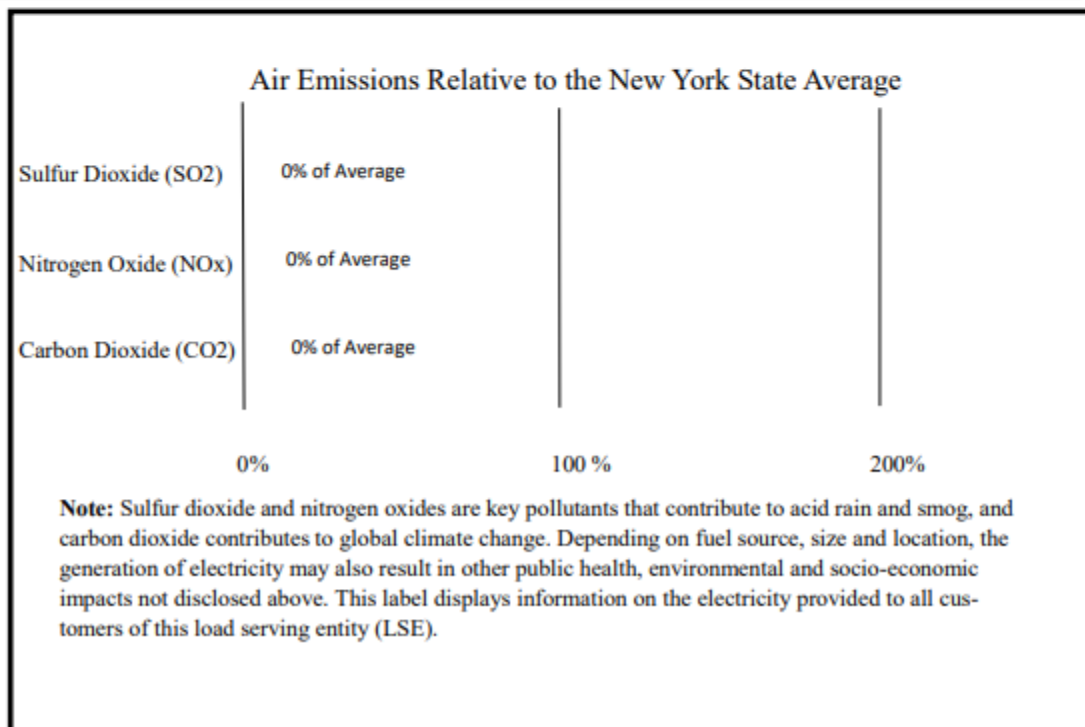


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Note: Champion Energy Svcs, LLC provided the renewable retail load value for its green offering that is included in the label calculations. It procured the required volume of compliant RECs to meet the 100% renewable goal of its green offering.

NYISO ID: GAGE

Fuel Sources		
Biomass		0%
Coal		0%
Hydroelectric		65%
Natural Gas		0%
Nuclear		0%
Oil		0%
Renewable Biogas		0%
Solar		0%
Solid Waste		0%
Wind		35%
Total		100%
(Total may vary slightly from 100% due to rounding)		



Great American Gas & Electric LLC

Fuel Sources and Air Emission Pertaining to Electricity Generation for **Great American Gas & Electric, LLC** for its Green Offering of 50% Renewables



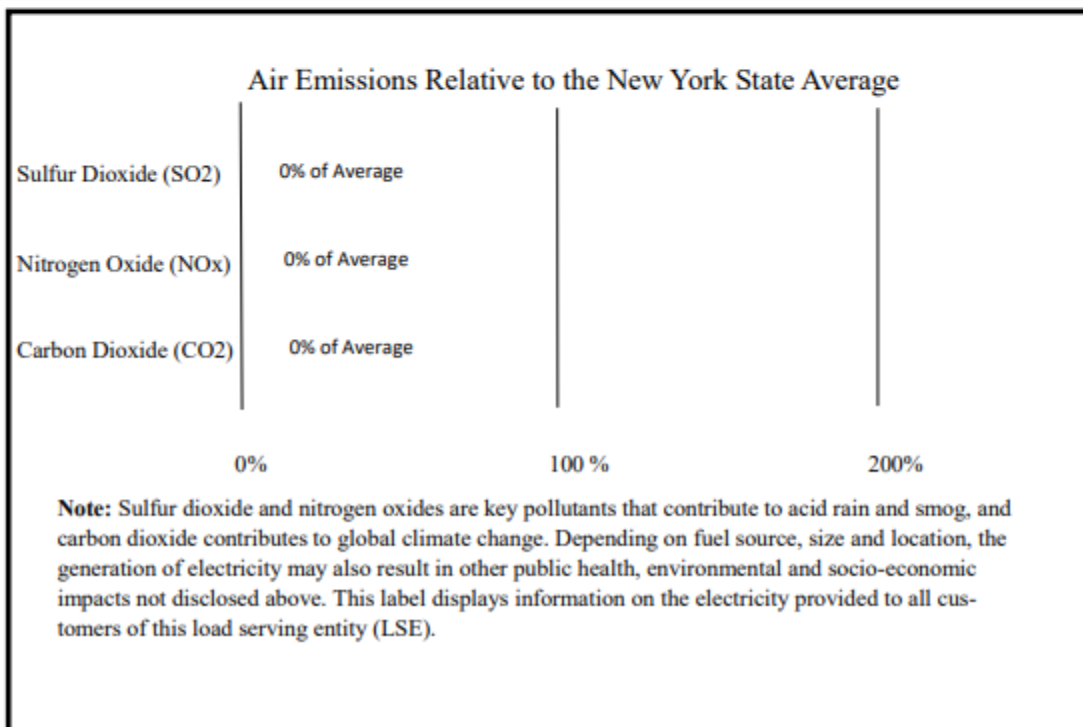
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Note: Champion Energy Svcs, LLC provided the renewable retail load value for its green offering that is included in the label calculations. It procured the required volume of compliant RECs to meet the 50% renewable goal of its green offering.

NYISO ID: GAGE

Fuel Sources	
Biomass	0%
Coal	0%
Hydroelectric	50%
Natural Gas	0%
Nuclear	0%
Oil	0%
Renewable Biogas	0%
Solar	0%
Solid Waste	0%
Wind	50%
Total	100%
(Total may vary slightly from 100% due to rounding)	



Family Energy Inc

Fuel Sources and Air Emission Pertaining to Electricity Generation for
Family Energy, Inc. for its Green Offering of 50% Renewables



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January 1, 2023— December 31, 2023

NYISO ID: FAMILYEN

Note: Family Energy, Inc. provided the renewable retail load value for its green offering that is included in the label calculations. It procured the required volume of compliant RECs to meet the 50% renewable goal of its green offering.

Fuel Sources		
Biomass		0%
Coal		0%
Hydroelectric		100%
Natural Gas		0%
Nuclear		0%
Oil		0%
Renewable Biogas		0%
Solar		0%
Solid Waste		0%
Wind		6%
Total		100%
(Total may vary slightly from 100% due to rounding)		

