Environmental Disclosure Information – Quarterly Comparisons
AES Ohio
Projected Data for the 2023 Calendar Year
Actual Data for the Period 01/01/23 to 3/31/23

Generation Resource Mix -
A comparison between the sources of generation projected to be used to generate this product and the actual resources used during this period.

PROJECTED

- Biomass 0.5%
- Other 0.5%
- Hydro 1%
- Solar 1%
- Wind 3.5%
- Natural Gas 38.5%
- Coal 22%
- Nuclear 33%

ACTUAL

- Solar 1%
- Other 0.5%
- Hydro 1%
- Wind 5%
- Biomass 0.5%
- Coal 15%
- Natural Gas 43%
- Nuclear 34%

Environmental Characteristics–
A description of the characteristics associated with each possible generation resource.

Biomass Power	Air Emissions and Solid Waste
Coal Power	Air Emissions and Solid Waste
Hydro Power	Wildlife Impacts
Natural Gas Power	Air Emissions and Solid Waste
Nuclear Power	Radioactive Waste
Oil Power	Air Emissions and Solid Waste
Other Sources	Unknown Impacts
Solar Power	No Significant Impacts
Unknown Purchased Resources	Unknown Impacts
Wind Power	Wildlife Impacts

Air Emissions –
Product-specific projected and actual air emissions for this period compared to the regional average air emissions.

- Carbon Dioxide — Actual 85%
- Nitrogen Oxides — Actual 50%
- Sulphur Dioxides — Actual 60%

Actual
Projected

Regional Average

Radioactive Waste –
Radioactive waste associated with the product.

Type:	Quantity:	
High-Level Radioactive Waste	Unknown	Lbs./1,000 kWh
Low-Level Radioactive Waste	Unknown	Ft³/1,000 kWh

With in-depth analysis, the environmental characteristics of any form of electric generation will reveal benefits as well as costs. For further information, contact AES Ohio at www.aes-ohio.com or 800-433-8500.
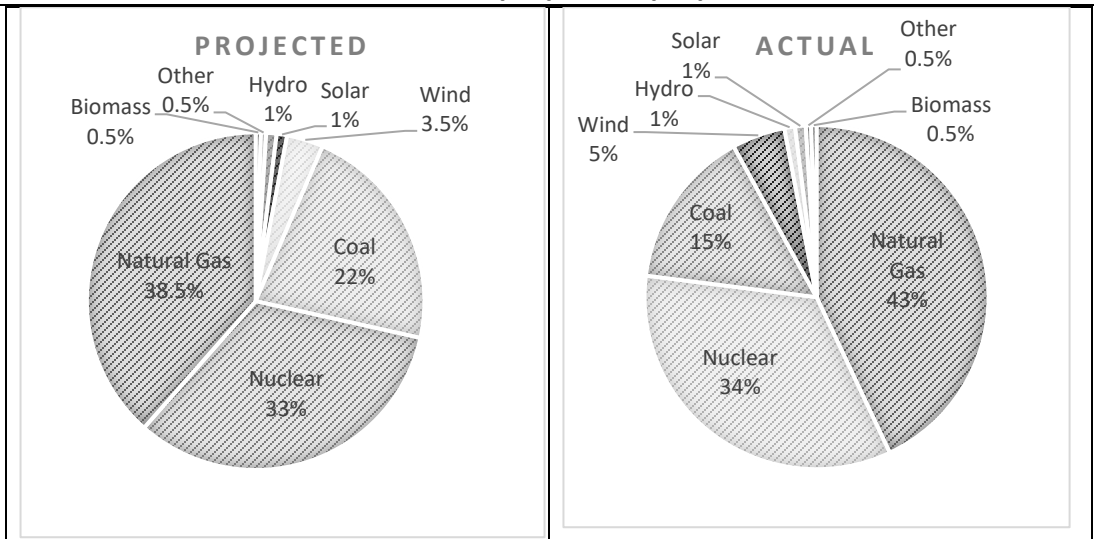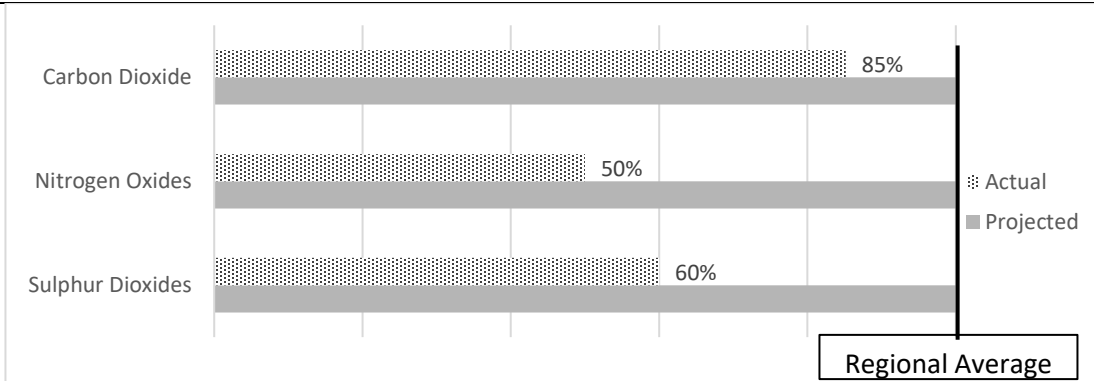
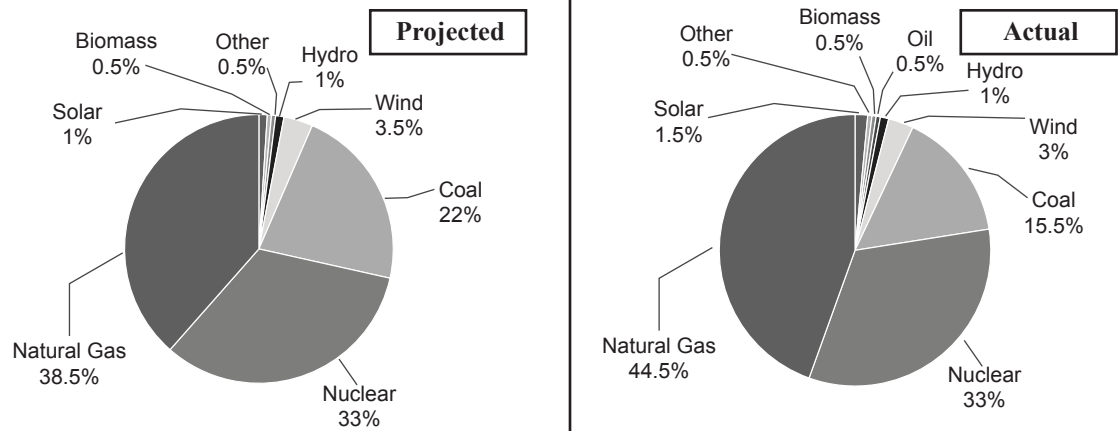# Environmental Disclosure Information - Quarterly Comparisons

AES Ohio
Projected Data for the 2023 Calendar Year
Actual Data for the Period 01/01/23 to 9/30/23

Generation Resource Mix – A comparison between the sources of generation projected to be used to generate this product and the actual resources used during this period.
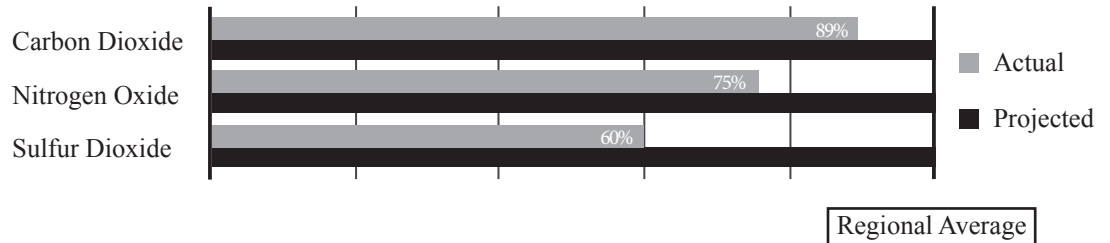
Projected

- Biomass 0.5%
- Other 0.5%
- Hydro 1%
- Wind 3.5%
- Coal 22%
- Nuclear 33%
- Natural Gas 38.5%
- Solar 1%

Actual

- Other 0.5%
- Biomass 0.5%
- Oil 0.5%
- Hydro 1%
- Wind 3%
- Coal 15.5%
- Nuclear 33%
- Natural Gas 44.5%
- Solar 1.5%

Environmental Characteristics – A description of the characteristics associated with each possible generation resource.

Biomass Power	Air Emissions and Solid Waste
Coal Power	Air Emissions and Solid Waste
Hydro Power	Wildlife Impacts
Natural Gas Power	Air Emissions and Solid Waste
Nuclear Power	Radioactive Waste
Oil Power	Air Emissions and Solid Waste
Other Sources	Unknown Impacts
Solar Power	No Significant Impacts
Unknown Purchased Resources	Unknown Impacts
Wind Power	Wildlife Impacts

Air Emissions – Product-specific projected and actual air emissions for this period compared to the regional average air emissions.

- Carbon Dioxide: 89%
- Nitrogen Oxide: 75%
- Sulfur Dioxide: 60%

Legend: Actual, Projected

Regional Average

Radioactive Waste – Radioactive waste associated with the product.

Type:	Quantity:	
High-Level Radioactive Waste	Unknown	Lbs./1,000 kWh
Low-Level Radioactive Waste	Unknown	Ft^3./1,000 kWh

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AES Ohio's practice is to meet or exceed all environmental regulations.

Regional Average Air Emission Rates: Sulfur Dioxide – 0.7 Lbs./MWh, Nitrogen Oxide – 0.5 Lbs./MWh, Carbon Dioxide – 924 Lbs./MWh

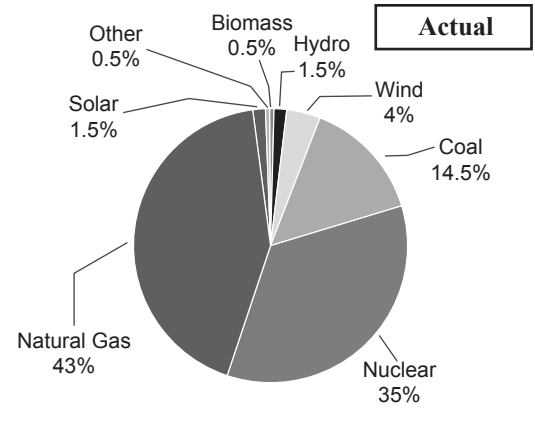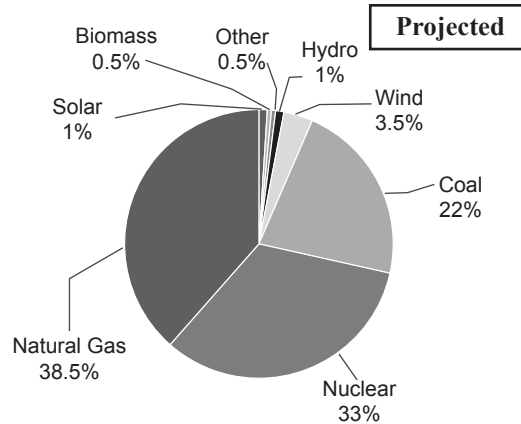# Environmental Disclosure Information - Quarterly Comparisons

AES Ohio
Projected Data for the 2023 Calendar Year
Actual Data for the Period 01/01/23 to 6/30/23

Generation Resource Mix – A comparison between the sources of generation projected to be used to generate this product and the actual resources used during this period.
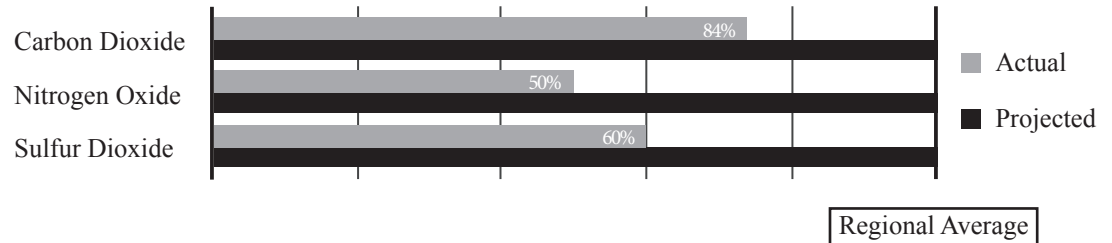
Projected

- Biomass 0.5%
- Other 0.5%
- Hydro 1%
- Wind 3.5%
- Solar 1%
- Coal 22%
- Natural Gas 38.5%
- Nuclear 33%

Actual

- Other 0.5%
- Biomass 0.5%
- Hydro 1.5%
- Solar 1.5%
- Wind 4%
- Coal 14.5%
- Natural Gas 43%
- Nuclear 35%

Environmental Characteristics – A description of the characteristics associated with each possible generation resource.

Biomass Power	Air Emissions and Solid Waste
Coal Power	Air Emissions and Solid Waste
Hydro Power	Wildlife Impacts
Natural Gas Power	Air Emissions and Solid Waste
Nuclear Power	Radioactive Waste
Oil Power	Air Emissions and Solid Waste
Other Sources	Unknown Impacts
Solar Power	No Significant Impacts
Unknown Purchased Resources	Unknown Impacts
Wind Power	Wildlife Impacts

Air Emissions – Product-specific projected and actual air emissions for this period compared to the regional average air emissions.

- Carbon Dioxide: 84%
- Nitrogen Oxide: 50%
- Sulfur Dioxide: 60%

▨ Actual
■ Projected

Regional Average

Radioactive Waste – Radioactive waste associated with the product.

Type:	Quantity:	
High-Level Radioactive Waste	Unknown	Lbs./1,000 kWh
Low-Level Radioactive Waste	Unknown	Ft^3./1,000 kWh

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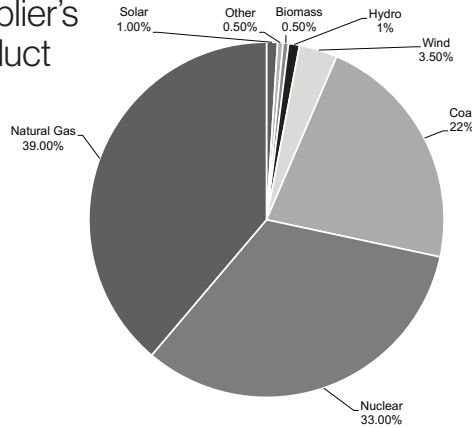
Environmental Disclosure Information
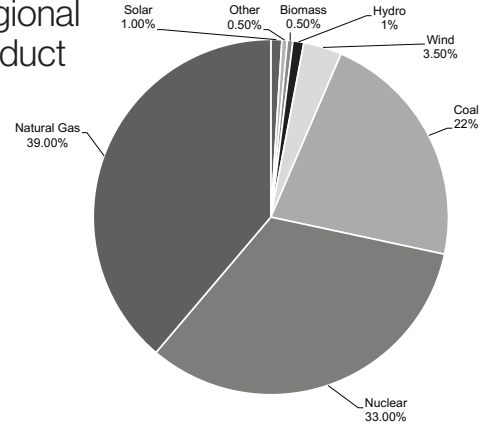## AES Ohio
Projected Data for the 2023 Calendar Year

Generation Resource Mix

A comparison between the sources of generation used to produce this product and the historic regional average supply mix.

Supplier's product

Solar 1.00%
Other 0.50%
Biomass 0.50%
Hydro 1%
Wind 3.50%
Coal 22%
Nuclear 33.00%
Natural Gas 39.00%

Regional product

Solar 1.00%
Other 0.50%
Biomass 0.50%
Hydro 1%
Wind 3.50%
Coal 22%
Nuclear 33.00%
Natural Gas 39.00%

Environmental Characteristics

A description of the characteristics associated with each possible generation resource.

Biomass Power	Air Emissions and Solid Waste
Coal Power	Air Emissions and Solid Waste
Hydro Power	Wildlife Impacts
Natural Gas Power	Air Emissions and Solid Waste
Nuclear Power	Radioactive Waste
Oil Power	Air Emissions and Solid Waste
Other Sources	Unknown Impacts
Solar Power	No Significant Impacts
Unknown Purchased Resources	Unknown Impacts
Wind Power	Wildlife Impacts

Air Emissions

Product-specific projected and actual air emissions for this period compared to the regional average air emissions.

Carbon Dioxide — 100%
Nitrogen Oxide — 100%
Sulfur Dioxide — 100%

Actual
Projected

Regional Average

Radioactive Waste

Radioactive waste associated with the product.

Type:	Quantity:	
High-Level Radioactive Waste	Unknown	Lbs./1,000 kWh
Low-Level Radioactive Waste	Unknown	Ft^3./1,000 kWh

With in-depth analysis, the environmental characteristics of any form of electric generation will reveal benefits as well as costs.

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Regional Average Air Emission Rates: Sulfur Dioxide – 0.7 Lbs./MWh, Nitrogen Oxide – 0.5 Lbs./MWh, Carbon Dioxide – 924 Lbs./MWh