Hourly Emissions

Data Label	JSON Property Label	Example Value	Definition
CO2 Mass (short tons)	co2Mass	150.8	CO2 mass emissions (short tons)
CO2 Mass Measure Indicator	co2MassMeasureFlg	Measured	Describes how the CO2 Mass values were determined.
CO2 Rate (short tons/mmBtu)	co2Rate	0.103	Average CO2 hourly emissions rate (short tons/mmBtu)
CO2 Rate Measure Indicator	co2RateMeasureFlg	Calculated	Describes how the CO2 Rate values were determined.
Date	date	2020-12-14	Date on which activity occurred.
Facility ID	facilityId	3	The Facility ID code assigned by the Department of Energy''s Energy Information Administration. The Energy Information Administration Plant ID code is also referred to as the "ORIS code", "ORISPL code", "Facility ID", or "Facility code", among other names. If a Plant ID code has not been assigned by the Department of Energy''s Energy Information Administration, then plant code means a code beginning with "88" assigned by the EPA''s Clean Air Markets Division for electronic reporting.
Facility Name	facilityName	Barry	The name given by the owners and operators to a facility
Gross Load (MW)	grossLoad	496	Electrical generation in MW produced by combusting a given heat input of fuel.
Heat Input (mmBtu)	heatInput	1470.2	Quantity of heat in mmBtu calculated by multiplying the quantity of fuel by the fuels heat content.
Hg Controls	hgControlInfo	Catalyst (gold, palladium, or other) used to oxidize mercury	Method or equipment used by the combustion unit to minimize Hg emissions.
Hour	hour	23	Hour in which activity occurred, recorded using local, standard time.
NOx Controls	noxControlInfo	Selective Catalytic Reduction, Low NOx Burner Technology w/ Separated OFA	Method or equipment used by the combustion unit to minimize NOx emissions.
NOx Mass (lbs)	noxMass	552.8	NOx mass emissions (lbs)
NOx Mass Measure Indicator	noxMassMeasureFlg	Measured and Substitute	Describes how the NOx Mass values were determined.
NOx Rate (lbs/mmBtu)	noxRate	0.376	The average rate of NOx emissions (lbs/mmBtu)
NOx Rate Measure Indicator	noxRateMeasureFlg	Measured and Substitute	Describes how the NOx Rate values were determined.
Operating Time	opTime	0.95	Any part of an hour in which a unit combusts any fuel.
PM Controls	pmControlInfo	Electrostatic Precipitator	Method or equipment used by the combustion unit to minimize PM emissions.
Primary Fuel Type	primaryFuelInfo	Coal	The primary type of fuel combusted by the unit.
Secondary Fuel Type	secondaryFuelInfo	Diesel, Pipeline Natural Gas	The secondary type of fuel combusted by the unit.
SO2 Controls	so2ControlInfo	Wet Limestone	Method or equipment used by the combustion unit to minimize SO2 emissions.
SO2 Mass (lbs)	so2Mass	15.7	SO2 Mass Emissions (lbs)
SO2 Mass Measure Indicator	so2MassMeasureFlg	Substitute	Describes how the SO2 Mass values were determined.
SO2 Rate (lbs/mmBtu)	so2Rate	0.011	Average SO2 hourly emissions rate (lbs/mmBtu)
SO2 Rate Measure Indicator	so2RateMeasureFlg	Calculated	Describes how the SO2 Rate values were determined.
State	stateCode	AL	State in which the facility is located.
Steam Load (1000 lb/hr)	steamLoad	10901513.3	Rate of steam pressure generated by a unit or source produced by combusting a given heat input of fuel. (1000 lb/hr)
Unit ID	unitId	5	Unique identifier for each unit at a facility.
Unit Type	unitType	Tangentially-fired	Type of unit or boiler.

Daily Emissions

Data Label	JSON Property Label	Example Value	Definition
Associated Stacks	associatedStacks	CS001	Stacks associated with the unit
CO2 Mass (short tons)	co2Mass	10407.2	CO2 mass emissions (short tons)
CO2 Rate (short tons/mmBtu)	co2Rate	0.103	Average CO2 hourly emissions rate (short tons/mmBtu)
Date	date	2020-12-14	Date on which activity occurred.
Facility ID	facilityId	3	The Facility ID code assigned by the Department of Energy's Energy Information Administration. The Energy Information Administration Plant ID code is also referred to as the "ORIS code", "ORISPL code", "Facility ID", or "Facility code", among other names. If a Plant ID code has not been assigned by the Department of Energy's Energy Information Administration, then plant code means a code beginning with "88" assigned by the EPA's Clean Air Markets Division for electronic reporting.
Facility Name	facilityName	Barry	The name given by the owners and operators to a facility
Gross Load (MWh)	grossLoad	11137.0	Electrical generation in MW produced by combusting a given heat input of fuel.
Heat Input (mmBtu)	heatInput	108437.3	Quantity of heat in mmBtu calculated by multiplying the quantity of fuel by the fuels heat content.
Hg Controls	hgControlInfo	Catalyst (gold, palladium, or other) used to oxidize mercury	Method or equipment used by the combustion unit to minimize Hg emissions.
NOx Controls	noxControlInfo	Selective Catalytic Reduction, Low NOx Burner Technology w/ Separated OFA	Method or equipment used by the combustion unit to minimize NOx emissions.
NOx Mass (short tons)	noxMass	4.3	NOx mass emissions (short tons)
NOx Rate (lbs/mmBtu)	noxRate	0.097	The average rate of NOx emissions (lbs/mmBtu)
Operating Time Count	countOpTime	24	Number of hours during which the unit operated for this time interval
PM Controls	pmControlInfo	Electrostatic Precipitator	Method or equipment used by the combustion unit to minimize PM emissions.
Primary Fuel Type	primaryFuelInfo	Coal	The primary type of fuel combusted by the unit.
Program Code	programCodeInfo	ARP	Statutory or regulatory based options for tracking and reducing air pollution emissions.
Secondary Fuel Type	secondaryFuelInfo	Diesel, Pipeline Natural Gas	The secondary type of fuel combusted by the unit.
SO2 Controls	so2ControlInfo	Wet Limestone	Method or equipment used by the combustion unit to minimize SO2 emissions.
SO2 Mass (short tons)	so2Mass	0.5	SO2 Mass Emissions (short tons)
SO2 Rate (lbs/mmBtu)	so2Rate	0.009	Average SO2 hourly emissions rate (lbs/mmBtu)
State	stateCode	AL	State in which the facility is located.
Steam Load (1000 lb)	steamLoad	10901513.3	Rate of steam pressure generated by a unit or source produced by combusting a given heat input of fuel. (1000 lb/hr)
Sum of the Operating Time	sumOpTime	23.75	Sum of operating time for the time interval
Unit ID	unitId	5	Unique identifier for each unit at a facility.
Unit Type	unitType	Tangentially-fired	Type of unit or boiler.

Monthly Emissions

Data Label	JSON Property Label	Example Value	Definition
Associated Stacks	associatedStacks	CS001	Stacks associated with the unit
CO2 Mass (short tons)	co2Mass	153926.5	CO2 mass emissions (short tons)
CO2 Rate (short tons/mmBtu)	co2Rate	0.103	Average CO2 hourly emissions rate (short tons/mmBtu)
Facility ID	facilityId	3	The Facility ID code assigned by the Department of Energy's Energy Information Administration. The Energy Information Administration Plant ID code is also referred to as the "ORIS code", "ORISPL code", "Facility ID", or "Facility code", among other names. If a Plant ID code has not been assigned by the Department of Energy's Energy Information Administration, then plant code means a code beginning with "88" assigned by the EPA's Clean Air Markets Division for electronic reporting.
Facility Name	facilityName	Barry	The name given by the owners and operators to a facility
Gross Load (MWh)	grossLoad	164349.0	Electrical generation in MW produced by combusting a given heat input of fuel.
Heat Input (mmBtu)	heatInput	1500254.0	Quantity of heat in mmBtu calculated by multiplying the quantity of fuel by the fuels heat content.
Hg Controls	hgControlInfo	Catalyst (gold, palladium, or other) used to oxidize mercury	Method or equipment used by the combustion unit to minimize Hg emissions.
Month	month	December	Month on which activity occurred.
NOx Controls	noxControlInfo	Selective Catalytic Reduction, Low NOx Burner Technology w/ Separated OFA	Method or equipment used by the combustion unit to minimize NOx emissions.
NOx Mass (short tons)	noxMass	55.7	NOx mass emissions (short tons)
NOx Rate (lbs/mmBtu)	noxRate	0.077	The average rate of NOx emissions (lbs/mmBtu)
Operating Time Count	countOpTime	334	Number of hours during which the unit operated for this time interval
PM Controls	pmControlInfo	Electrostatic Precipitator	Method or equipment used by the combustion unit to minimize PM emissions.
Primary Fuel Type	primaryFuelInfo	Coal	The primary type of fuel combusted by the unit.
Program Code	programCodeInfo	ARP	Statutory or regulatory based options for tracking and reducing air pollution emissions.
Secondary Fuel Type	secondaryFuelInfo	Diesel, Pipeline Natural Gas	The secondary type of fuel combusted by the unit.
SO2 Controls	so2ControlInfo	Wet Limestone	Method or equipment used by the combustion unit to minimize SO2 emissions.
SO2 Mass (short tons)	so2Mass	11.4	SO2 Mass Emissions (short tons)
SO2 Rate (lbs/mmBtu)	so2Rate	0.016	Average SO2 hourly emissions rate (lbs/mmBtu)
State	stateCode	AL	State in which the facility is located.
Steam Load (1000 lb)	steamLoad	10901513.3	Rate of steam pressure generated by a unit or source produced by combusting a given heat input of fuel. (1000 lb/hr)
Sum of the Operating Time	sumOpTime	332.25	Sum of operating time for the time interval
Unit ID	unitId	5	Unique identifier for each unit at a facility.
Unit Type	unitType	Tangentially-fired	Type of unit or boiler.

Quarterly Emissions

Data Label	JSON Property Label	Example Value	Definition
Associated Stacks	associatedStacks	CS001	Stacks associated with the unit
CO2 Mass (short tons)	co2Mass	153926.5	CO2 mass emissions (short tons)
CO2 Rate (short tons/mmBtu)	co2Rate	0.103	Average CO2 hourly emissions rate (short tons/mmBtu)
Facility ID	facilityId	3	The Facility ID code assigned by the Department of Energy's Energy Information Administration. The Energy Information Administration Plant ID code is also referred to as the "ORIS code", "ORISPL code", "Facility ID", or "Facility code", among other names. If a Plant ID code has not been assigned by the Department of Energy's Energy Information Administration, then plant code means a code beginning with "88" assigned by the EPA's Clean Air Markets Division for electronic reporting.
Facility Name	facilityName	Barry	The name given by the owners and operators to a facility
Gross Load (MWh)	grossLoad	900773.0	Electrical generation in MW produced by combusting a given heat input of fuel.
Heat Input (mmBtu)	heatInput	8491107.0	Quantity of heat in mmBtu calculated by multiplying the quantity of fuel by the fuels heat content.
Hg Controls	hgControlInfo	Catalyst (gold, palladium, or other) used to oxidize mercury	Method or equipment used by the combustion unit to minimize Hg emissions.
NOx Controls	noxControlInfo	Selective Catalytic Reduction, Low NOx Burner Technology w/ Separated OFA	Method or equipment used by the combustion unit to minimize NOx emissions.
NOx Mass (short tons)	noxMass	367.9	NOx mass emissions (short tons)
NOx Rate (lbs/mmBtu)	noxRate	0.088	The average rate of NOx emissions (lbs/mmBtu)
Operating Time Count	countOpTime	1797	Number of hours during which the unit operated for this time interval
PM Controls	pmControlInfo	Electrostatic Precipitator	Method or equipment used by the combustion unit to minimize PM emissions.
Primary Fuel Type	primaryFuelInfo	Coal	The primary type of fuel combusted by the unit.
Program Code	programCodeInfo	ARP	Statutory or regulatory based options for tracking and reducing air pollution emissions.
Quarter	quarter	4	Calendar quarter in which activity occurred.
Secondary Fuel Type	secondaryFuelInfo	Diesel, Pipeline Natural Gas	The secondary type of fuel combusted by the unit.
SO2 Controls	so2ControlInfo	Wet Limestone	Method or equipment used by the combustion unit to minimize SO2 emissions.
SO2 Mass (short tons)	so2Mass	91.2	SO2 Mass Emissions (short tons)
SO2 Rate (lbs/mmBtu)	so2Rate	0.021	Average SO2 hourly emissions rate (lbs/mmBtu)
State	stateCode	AL	State in which the facility is located.
Steam Load (1000 lb)	steamLoad	10901513.3	Rate of steam pressure generated by a unit or source produced by combusting a given heat input of fuel. (1000 lb/hr)
Sum of the Operating Time	sumOpTime	1795.25	Sum of operating time for the time interval
Unit ID	unitId	5	Unique identifier for each unit at a facility.
Unit Type	unitType	Tangentially-fired	Type of unit or boiler.

Ozone Emissions

Data Label	JSON Property Label	Example Value	Definition
Associated Stacks	associatedStacks	CS001	Stacks associated with the unit
CO2 Mass (short tons)	co2Mass	153926.5	CO2 mass emissions (short tons)
CO2 Rate (short tons/mmBtu)	co2Rate	0.103	Average CO2 hourly emissions rate (short tons/mmBtu)
Facility ID	facilityId	3	The Facility ID code assigned by the Department of Energy's Energy Information Administration. The Energy Information Administration Plant ID code is also referred to as the "ORIS code", "ORISPL code", "Facility ID", or "Facility code", among other names. If a Plant ID code has not been assigned by the Department of Energy's Energy Information Administration, then plant code means a code beginning with "88" assigned by the EPA's Clean Air Markets Division for electronic reporting.
Facility Name	facilityName	Barry	The name given by the owners and operators to a facility
Gross Load (MWh)	grossLoad	900773.0	Electrical generation in MW produced by combusting a given heat input of fuel.
Heat Input (mmBtu)	heatInput	8491107.0	Quantity of heat in mmBtu calculated by multiplying the quantity of fuel by the fuels heat content.
Hg Controls	hgControlInfo	Catalyst (gold, palladium, or other) used to oxidize mercury	Method or equipment used by the combustion unit to minimize Hg emissions.
NOx Controls	noxControlInfo	Selective Catalytic Reduction, Low NOx Burner Technology w/ Separated OFA	Method or equipment used by the combustion unit to minimize NOx emissions.
NOx Mass (short tons)	noxMass	367.9	NOx mass emissions (short tons)
NOx Rate (lbs/mmBtu)	noxRate	0.088	The average rate of NOx emissions (lbs/mmBtu)
Operating Time Count	countOpTime	1797	Number of hours during which the unit operated for this time interval
PM Controls	pmControlInfo	Electrostatic Precipitator	Method or equipment used by the combustion unit to minimize PM emissions.
Primary Fuel Type	primaryFuelInfo	Coal	The primary type of fuel combusted by the unit.
Program Code	programCodeInfo	ARP	Statutory or regulatory based options for tracking and reducing air pollution emissions.
Secondary Fuel Type	secondaryFuelInfo	Diesel, Pipeline Natural Gas	The secondary type of fuel combusted by the unit.
SO2 Controls	so2ControlInfo	Wet Limestone	Method or equipment used by the combustion unit to minimize SO2 emissions.
SO2 Mass (short tons)	so2Mass	91.2	SO2 Mass Emissions (short tons)
SO2 Rate (lbs/mmBtu)	so2Rate	0.021	Average SO2 hourly emissions rate (lbs/mmBtu)
State	stateCode	AL	State in which the facility is located.
Steam Load (1000 lb)	steamLoad	10901513.3	Rate of steam pressure generated by a unit or source produced by combusting a given heat input of fuel. (1000 lb/hr)
Sum of the Operating Time	sumOpTime	1795.25	Sum of operating time for the time interval
Unit ID	unitId	5	Unique identifier for each unit at a facility.
Unit Type	unitType	Tangentially-fired	Type of unit or boiler.

Annual Emissions

Data Label	JSON Property Label	Example Value	Definition
Associated Stacks	associatedStacks	CS001	Stacks associated with the unit
CO2 Mass (short tons)	co2Mass	153926.5	CO2 mass emissions (short tons)
CO2 Rate (short tons/mmBtu)	co2Rate	0.103	Average CO2 hourly emissions rate (short tons/mmBtu)
Facility ID	facilityId	3	The Facility ID code assigned by the Department of Energy's Energy Information Administration. The Energy Information Administration Plant ID code is also referred to as the "ORIS code", "ORISPL code", "Facility ID", or "Facility code", among other names. If a Plant ID code has not been assigned by the Department of Energy's Energy Information Administration, then plant code means a code beginning with "88" assigned by the EPA's Clean Air Markets Division for electronic reporting.
Facility Name	facilityName	Barry	The name given by the owners and operators to a facility
Gross Load (MWh)	grossLoad	900773.0	Electrical generation in MW produced by combusting a given heat input of fuel.
Heat Input (mmBtu)	heatInput	8491107.0	Quantity of heat in mmBtu calculated by multiplying the quantity of fuel by the fuels heat content.
Hg Controls	hgControlInfo	Catalyst (gold, palladium, or other) used to oxidize mercury	Method or equipment used by the combustion unit to minimize Hg emissions.
NOx Controls	noxControlInfo	Selective Catalytic Reduction, Low NOx Burner Technology w/ Separated OFA	Method or equipment used by the combustion unit to minimize NOx emissions.
NOx Mass (short tons)	noxMass	367.9	NOx mass emissions (short tons)
NOx Rate (lbs/mmBtu)	noxRate	0.088	The average rate of NOx emissions (lbs/mmBtu)
Operating Time Count	countOpTime	1797	Number of hours during which the unit operated for this time interval
PM Controls	pmControlInfo	Electrostatic Precipitator	Method or equipment used by the combustion unit to minimize PM emissions.
Primary Fuel Type	primaryFuelInfo	Coal	The primary type of fuel combusted by the unit.
Program Code	programCodeInfo	ARP	Statutory or regulatory based options for tracking and reducing air pollution emissions.
Secondary Fuel Type	secondaryFuelInfo	Diesel, Pipeline Natural Gas	The secondary type of fuel combusted by the unit.
SO2 Controls	so2ControlInfo	Wet Limestone	Method or equipment used by the combustion unit to minimize SO2 emissions.
SO2 Mass (short tons)	so2Mass	91.2	SO2 Mass Emissions (short tons)
SO2 Rate (lbs/mmBtu)	so2Rate	0.021	Average SO2 hourly emissions rate (lbs/mmBtu)
State	stateCode	AL	State in which the facility is located.
Steam Load (1000 lb)	steamLoad	10901513.3	Rate of steam pressure generated by a unit or source produced by combusting a given heat input of fuel. (1000 lb/hr)
Sum of the Operating Time	sumOpTime	1795.25	Sum of operating time for the time interval
Unit ID	unitId	5	Unique identifier for each unit at a facility.
Unit Type	unitType	Tangentially-fired	Type of unit or boiler.

Mercury and Air Toxics (MATS) Emissions

Data Label	JSON Property Label	Example Value	Definition
State	stateCode	AK	Two letter abreviation for the State.
Facility Name	facilityName	Barry	The name given by the owners and operators to a facility
Facility ID	facilityId	3	The Facility ID code assigned by the Department of Energy''s Energy Information Administration. The Energy Information Administration Plant ID code is also referred to as the "ORIS code", "ORISPL code", "Facility ID", or "Facility code", among other names. If a Plant ID code has not been assigned by the Department of Energy''s Energy Information Administration, then plant code means a code beginning with "88" assigned by the EPA''s Clean Air Markets Division for electronic reporting.
Unit ID	unitId	5	Unique identifier for each unit at a facility.
Date	date	2019-01-01	Date on which activity occurred.
Hour	hour	23	Hour in which activity occurred, recorded using local, standard time.
Operating Time	opTime	0.95	Any part of an hour in which a unit combusts any fuel.
MATS Gross Load (MW)	matsGrossLoad	146	Electrical generation in MW produced by combusting a given heat input of fuel.
MATS Heat Input (mmBtu)	matsHeatInput	1470.2	Quantity of heat in mmBtu calculated by multiplying the quantity of fuel by the fuels heat content.
Hg Output Rate (lb/GWh)	hgOutputRate	0.0102	Average Hg hourly emissions rate per gigawatt hour of output (lbs/GWh)
Hg Input Rate (lb/TBtu)	hgInputRate	0.92366047	Average Hg hourly emissions rate (lbs/TBtu)
Hg Mass (lbs)	hgMass	0.002703	Hg mass emissions (lbs)
Hg Mass Measure Indicator	hgMassMeasureFlg	Measured	Describes how the Hg Mass values were determined.
HCl Output Rate (lb/MWh)	hclOutputRate	0.00452	Average HCl hourly emissions rate per megawatt hour of output (lbs/MWh)
HCl Input Rate (lb/mmBtu)	hclInputRate	407.524488	Average HCl hourly emissions rate (lbs/mmBtu)
HCl Mass (lbs)	hclMass	0.36612	HCl mass emissions (lbs)
HCl Mass Measure Indicator	hclMassMeasureFlg	Measured	Describes how the HCl Mass values were determined.
HF Output Rate (lb/MWh)	hfOutputRate	NA	Average HF hourly emissions rate per megawatt hour of output (lbs/MWh)
HF Input Rate (lb/mmBtu)	hfInputRate	NA	Average HF hourly emissions rate (lbs/mmBtu)
HF Mass (lbs)	hfMass	NA	HF mass emissions (lbs)
HF Mass Measure Indicator	hfMassMeasureFlg	NA	Describes how the HF Mass values were determined.
Associated Stacks	associatedStacks	CS001	Stacks associated with the unit
Steam Load (1000 lb/hr)	steamLoad	387	Rate of steam pressure generated by a unit or source produced by combusting a given heat input of fuel. (1000 lb/hr)
Primary Fuel Type	primaryFuelInfo	Coal	The primary type of fuel combusted by the unit.
Secondary Fuel Type	secondaryFuelInfo	Diesel Oil	The secondary type of fuel(s) combusted by the unit.
Unit Type	unitType	Tangentially-fired	Type of unit or boiler.
SO2 Controls	so2ControlInfo	Wet Limestone	Method or equipment used by the combustion unit to minimize SO2 emissions.
NOX Controls	noxControlInfo	Selective Catalytic Reduction, Low NOx Burner Technology w/ Separated OFA	Method or equipment used by the combustion unit to minimize NOx emissions.
PM Controls	pmControlInfo	Electrostatic Precipitator	Method or equipment used by the combustion unit to minimize PM emissions.
HG Controls	hgControlInfo	Catalyst (gold, palladium, or other) used to oxidize mercury	Method or equipment used by the combustion unit to minimize Hg emissions.

Facility/Unit Attributes

Data Label	JSON Property Label	Example Value	Definition
Associated Stacks	assocStacks	CS1	Stacks associated with the unit.
Commercial Operation Date	commercialOperationDate	1977-04-01	The date a unit began, or will begin to generate electricity for sale, including the sale of test generation. It is the first date that a unit serves a generator and produces electricity when connected to the grid, even if the owners are not compensated for that electricity.
County	county	Sherburne County	The county within a state in which a unit is operating.
County Code	countyCode	MN141	The numerical code identifying a specific county in a single state.
EPA Region	epaRegion	5	An EPA Region is a group of U.S. states. EPA Regions are numbered from 1 to 10 and each state belongs to one and only one EPA Region.
Facility ID	facilityId	6090	The Facility ID code assigned by the Department of Energy's Energy Information Administration. The Energy Information Administration Plant ID code is also referred to as the "ORIS code", "ORISPL code", "Facility ID", or "Facility code", among other names. If a Plant ID code has not been assigned by the Department of Energy's Energy Information Administration, then plant code means a code beginning with "88" assigned by the EPA's Clean Air Markets Division for electronic reporting.
Facility Name	facilityName	Sherburne County	The name given by the owners and operators to a facility.
FIPS Code	fipsCode	141	The Federal Information Processing Standards (FIPS) Code of the facility, issued by the National Institute of Standards and Technology, which ensures uniform identification of geographic entities throughout all federal agencies.
Generator ID	generatorId	1	One or more unique identifiers for generators at a facility associated with the unit.
Hg Controls	hgControlInfo	Halogenated PAC Sorbent Injection	Method or equipment used by the combustion unit to minimize Hg emissions.
Latitude	latitude	45.3792	Represents the physical latitude of the facility.
Longitude	longitude	-93.8958	Represents the physical longitude of the facility.
Max Hourly HI Rate (mmBtu/hr)	maxHourlyHIRate	7969.2	The design heat input capacity (mmBtu/hr) for the unit or the highest hourly heat input rate observed in the past five years, whichever is greater.
Nameplate Capacity (MWe)	nameplateCapacity	660	The maximum electrical generating output (in MWe, rounded to the nearest tenth) that the generator is capable of producing on a steady state basis and during continuous operation (when not restricted by seasonal or other deratings). This value is usually indicated on a nameplate physically attached to the generator.
NERC Region	nercRegion	Mid-Continent Area Power Pool	The North American Electric Reliability Corporation region in which the facility is located.
NOx Controls	noxControlInfo	Low NOx Burner Technology w/ Closed-coupled/Separated OFA	Method or equipment used by the combustion unit to minimize NOx emissions.
NOx Phase	noxPhase	Phase 1 Group 1	The classification of an ARP unit that is subject to an ARP NOx emission rate limit (40 CFR Part 76). The unit is first classified by ARP Phase (Phase 1 or Phase 2) and then the unit (boiler) type is used to determine whether the unit is a Group 1 or Group 2 boiler. This ARP Phase/Group classification then determines the standard NOx emission rate applicable to the unit. This information is then used in determining ARP NOx compliance, depending on the compliance approach (standard NOx limit or averaging plan) selected for the unit.
Operating Status	operatingStatus	Operating	An indication of the condition of a unit relevant to the year (planned, operating, shutdown, etc.).
Owner/Operator	ownerOperator	Alabama Power Company (Operator), Alabama Power Company (Owner)	The name of any company that owns an allowance account or an affected unit.The name of any company that operates an affected unit.
PM Controls	pmControlInfo	Wet ESP, Wet Scrubber	Method or equipment used by the combustion unit to minimize PM emissions.
Primary Fuel Type	primaryFuelInfo	Coal	The primary type of fuel combusted by the unit.
Program	prgCodeInfo	ARP,CSNOX,CSSO2G2,MATS	Statutory or regulatory based options for tracking and reducing air pollution emissions.
Reporting Frequency	reportingFrequency	Quarterly	Indicates whether a unit reports annual or only ozone season data on a quarterly basis.
Secondary Fuel Type	secondaryFuelInfo	Diesel Oil	The secondary type of fuel(s) combusted by the unit.
SO2 Controls	so2ControlInfo	Wet Limestone	Method or equipment used by the combustion unit to minimize SO2 emissions.
SO2 Phase	so2Phase	Phase 2	Title IV of the Clean Air Act SO2 Phase. Phase I started in 1995; Phase II started in 2000.
Source Category	sourceCategory	Electric Utility	Description of a unit that classifies it in terms of the primary function of the unit.

State	stateCode	Minnesota	State in which the facility is located.
Unit ID	unitId	1	Unique identifier for each unit at a facility.
Unit Type	unitTypeInfo	Tangentially-fired	Type of unit or boiler.
Year	year	2020	The calendar year during which activity occurred.

Allowance Holdings

Data Label	JSON Property Label	Example Value	Definition
Account Name	accountName	Barry	The name of the account in which allowances are held.
Account Number	accountNumber	000003FACLTY	The unique identification number of an account.
Account Type	accountType	Facility Account	Type of allowance account (Facility, General, etc.).
Allowance Block Total	totalBlock	10033	The quantity of allowances as identified by the Start Serial Number through End Serial Number.
Allowance Vintage Year	vintageYear	2016	Year allowance becomes eligible for use in compliance.
EPA Region	epaRegion	4	An EPA Region is a group of U.S. states. EPA Regions are numbered from 1 to 10 and each state belongs to one and only one EPA Region.
Facility ID	facilityId	3	The Facility ID code assigned by the Department of Energy's Energy Information Administration. The Energy Information Administration Plant ID code is also referred to as the "ORIS code", "ORISPL code", "Facility ID", or "Facility code", among other names. If a Plant ID code has not been assigned by the Department of Energy's Energy Information Administration, then plant code means a code beginning with "88" assigned by the EPA's Clean Air Markets Division for electronic reporting.
Owner/Operator	ownerOperator	Alabama Power Company (Operator), Alabama Power Company (Owner)	The companies that own and/or operate an allowance account's affected units.
Program	programCodeInfo	ARP	Statutory or regulatory based options for tracking and reducing air pollution emissions.
Serial Number End	endBlock	276987	The ending serial number of an allowance block.
Serial Number Start	startBlock	266955	The starting serial number of an allowance block.
State	stateCode	AL	State in which the facility is located.

Account Information

Data Label	JSON Property Label	Example Value	Definition
Account Name	accountName	Morgan Creek	The name of the account in which allowances are held.
Account Number	accountNumber	003492FACLTY	The unique identification number of an account.
Account Type	accountType	Facility Account	Type of allowance account (Facility, General, etc.).
EPA Region	epaRegion	6	An EPA Region is a group of U.S. states. EPA Regions are numbered from 1 to 10 and each state belongs to one and only one EPA Region.
Facility ID	facilityId	3492	The Facility ID code assigned by the Department of Energy's Energy Information Administration. The Energy Information Administration Plant ID code is also referred to as the "ORIS code", "ORISPL code", "Facility ID", or "Facility code", among other names. If a Plant ID code has not been assigned by the Department of Energy's Energy Information Administration, then plant code means a code beginning with "88" assigned by the EPA's Clean Air Markets Division for electronic reporting.
NERC Region	nercRegion	ERCOT	The North American Electric Reliability Corporation region in which the facility is located.
Owner/Operator	ownerOperator	Alabama Power Company (Operator), Alabama Power Company (Owner)	The name of any company that own and/ or operates an allowance account or an affected unit.
Program	programCodeInfo	CSNOX	Statutory or regulatory based options for tracking and reducing air pollution emissions.
State	stateCode	TX	State in which the facility is located.
Unit ID	unitId	CTG-1	Unique identifier for each unit at a facility.

Allowance Transactions

Data Label	JSON Property Label	Example Value	Definition
Account Name (Transferee)	buyAccountName	Darby Electric Generating Station	The name of the account receiving allowances in an allowance transaction.
Account Name (Transferor)	sellAccountName	Cardinal	The name of the account transferring allowances in an allowance transaction.
Account Number (Transferee)	buyAccountNumber	055247FACLTY	The number of the account receiving allowances in an allowance transaction.
Account Number (Transferor)	sellAccountNumber	002828FACLTY	The number of the account transfering allowances in an allowance transaction.
Account Type (Transferee)	buyAccountType	Facility Account	Type of buyer's allowance account (Facility, General, etc.).
Account Type (Transferor)	sellAccountType	Facility Account	Type of seller's allowance account (Facility, General, etc.).
Allowance Block Total	totalBlock	6	The quantity of allowances as identified by the Start Serial Number through End Serial Number.
Allowance Vintage Year	vintageYear	2015	Year allowance becomes eligible for use in compliance.
EPA Region (Transferee)	buyEpaRegion	5	For facility and unit accounts, the EPA Region of the account receiving allowances in an allowance transaction.
EPA Region (Transferor)	sellEpaRegion	5	For facility and unit accounts, the EPA Region of the account transferring allowances in an allowance transaction.
Facility ID (Transferee)	buyFacilityId	55247	For facility and unit accounts, the Facility ID of the account receiving allowances in an allowance transaction.
Facility ID (Transferor)	sellFacilityId	2828	For facility and unit accounts, the Facility ID of the account transferring allowances in an allowance transaction.
Facility Name (Transferee)	buyFacilityName	Darby Electric Generating Station	For facility and unit accounts, the facility name of the account receiving allowances in an allowance transaction.
Facility Name (Transferor)	sellFacilityName	Cardinal	For facility and unit accounts, the facility name of the account transferring allowances in an allowance transaction.
Owner (Transferee)	buyOwner	AEP Generation Resources, Inc.	The owner of the account receiving allowances in an allowance transaction.
Owner (Transferor)	sellOwner	AEP Generation Resources, Inc.,Buckeye Power, Inc.	The owner of the account transferring allowances in an allowance transaction.
Program	programCodeInfo	CSNOXOS	Statutory or regulatory based options for tracking and reducing air pollution emissions.
Serial Number End	endBlock	235435	The ending serial number of an allowance block.
Serial Number Start	startBlock	235430	The starting serial number of an allowance block.
Source Category (Transferee)	buySourceCategory	Electric Utility	For unit accounts, the source category of the account receiving allowances in an allowance transaction.
Source Category (Transferor)	sellSourceCategory	Electric Utility	For unit accounts, the source category of the account transferring allowances in an allowance transaction.
State (Transferee)	buyState	OH	For facility and unit accounts, the state of the account receiving allowances in an allowance transaction.
State (Transferor)	sellState	OH	For facility and unit accounts, the state of the account transferring allowances in an allowance transaction.
Transaction Date	transactionDate	11/12/2015	The date the allowance transaction was confirmed.
Transaction ID	transactionId	9883	The number used to identify a specific allowance transaction.
Transaction Total	transactionTotal	6	The total number of allowances involved in a transaction.
Transaction Type	transactionType	Private Transfer	The type of allowance transaction (e.g. initial allocation, private transaction, etc.).

Allowance Based (NOT NBP, OTC) Compliance

Data Label	JSON Property Label	Example Value	Definition
Account Name	accountName	Fox Energy Center	The name of the account in which allowances are held.
Account Number	accountNumber	056031FACLTY	The unique identification number of an account.
Allowances Carried Over	carriedOver	95	The amount of allowances remaining in the account following compliance.
Compliance Year Allowances Allocated	allocated	0	The amount of allowances allocated for the calendar year.
Emissions (short tons)	complianceYearEmissions	7	The total amount of pollutant in short tons emitted by the source in a control period.
Excess Emissions (short tons)	excessEmissions	0	The amount of pollutant in short tons emitted in excess of the number of allowances held.
Facility ID	facilityId	56031	The Facility ID code assigned by the Department of Energy's Energy Information Administration. The Energy Information Administration Plant ID code is also referred to as the "ORIS code", "ORISPL code", "Facility ID", or "Facility code", among other names. If a Plant ID code has not been assigned by the Department of Energy's Energy Information Administration, then plant code means a code beginning with "88" assigned by the EPA's Clean Air Markets Division for electronic reporting.
Facility Name	facilityName	Fox Energy Center	The name given by the owners and operators to a facility.
Other Deductions	otherDeductions	0	The sum of other deductions that may have occurred for the account, including Underutilization, Phase I Extension, Projected Emissions Deduction (for Phase I reports), State Cap Deductions, Deduction of Loaned Allowances, July Confirmation Deduction, and Substitution Control by Contract Deduction.
Owner/Operator	ownerOperator	Alabama Power Company (Operator), Alabama Power Company (Owner)	The name of any company that operates an affected unit. The name of any company that owns an allowance account or an affected unit.
Program	programCodeInfo	CSSO2G1	Statutory or regulatory based options for tracking and reducing air pollution emissions.
State	stateCode	WI	State in which the facility is located.
Total Allowances Deducted	totalAllowancesDeducted	7	The total amount of allowances deducted at compliance.
Total Allowances Held in Account at Trac	totalAllowancesHeld	102	The total amount of allowances held in the account at compliance.
Units Affected	unitsAffected	CTG-1, CTG-2	Unit ID(s) for units at a facility that are affected by a given compliance program.
Year	year	2015	The calendar year during which activity occurred.

Allowance Based (NBP, OTC) Compliance

Data Label	JSON Property Label	Example Value	Definition
Account Number	accountNumber	000963000031	The unique identification number of an account.
Allowances Carried Over	carriedOver	0	The amount of allowances remaining in the account following compliance.
Banked Allowances	bankedHeld	0	The amount of allowances of vintage years up to but not including the current compliance year held in a compliance account. (This is for NBP, OTC)
Compliance Year Allowances Allocated	allocated	136	The amount of allowances allocated for the calendar year.
Current Deductions	currentDeductions	132	The amount of allowances with the current vintage year deducted at compliance. (This is for NBP, OTC)
Current Held	currentHeld	132	The amount of current vintage year allowances held in a compliance account at compliance. (This is for NBP, OTC)
Deduction 1 to 1	deductOneToOne	0	Banked allowances with a 1 to 1 ratio. (This is for OTC, NBP)
Deduction 2 to 1	deductTwoToOne	0	Banked allowances with a 2 to 1 ratio. (This is for OTC, NBP)
Emissions (short tons)	complianceYearEmissions	132	The total amount of pollutant in short tons emitted by the source in a control period.
Excess Emissions (short tons)	excessEmissions	0	The amount of pollutant in short tons emitted in excess of the number of allowances held.
Facility ID	facilityId	963	The Facility ID code assigned by the Department of Energy's Energy Information Administration. The Energy Information Administration Plant ID code is also referred to as the "ORIS code", "ORISPL code", "Facility ID", or "Facility code", among other names. If a Plant ID code has not been assigned by the Department of Energy's Energy Information Administration, then plant code means a code beginning with "88" assigned by the EPA's Clean Air Markets Division for electronic reporting.
Facility Name	facilityName	Dallman	The name given by the owners and operators to a facility.
Other Deductions	otherDeductions	0	The sum of other deductions that may have occurred for the account, including Underutilization, Phase I Extension, Projected Emissions Deduction (for Phase I reports), State Cap Deductions, Deduction of Loaned Allowances, July Confirmation Deduction, and Substitution Control by Contract Deduction.
Owner/Operator	ownerOperator	Alabama Power Company (Operator), Alabama Power Company (Owner)	The name of any company that owns an allowance account or an affected unit.The name of any company that operates an affected unit.
Program	programCodeInfo	NBP	Statutory or regulatory based options for tracking and reducing air pollution emissions.
State	stateCode	IL	State in which the facility is located.
Total Allowances Deducted	totalAllowancesDeducted	132	The total amount of allowances deducted at compliance.
Total Allowances Held in Account at Trac	totalAllowancesHeld	132	The total amount of allowances held in the account at compliance.
Total Required Deductions	totalRequiredDeductions	132	Sum of Compliance year emissions + Other deductions.
Units Affected	unitsAffected	31	Unit ID(s) for units at a facility that are affected by a given compliance program.
Year	year	2006	The calendar year during which activity occurred.

Emissions Based Compliance

Data Label	JSON Property Label	Example Value	Definition
Actual Emissions Rate (lb/mmBtu)	actualEmissionsRate	0.5	For ARP NOx, the actual rate at which a pollutant was emitted during a given time period for a single unit. (lb/mmBtu)
Averaging Plan Actual Rate (lb/mmBtu)	avgPlanActual	0.55	For ARP NOx, the average actual rate at which a pollutant was emitted during a given time period for the group of units in the averaging plan. (lb/mmBtu)
Averaging Plan ID	avgPlanId	492	For ARP NOx, the unique identification number that associates a group of units with a single averaging plan.
Compliance Approach	complianceApproach	Averaging Plan	For ARP NOx, approach used to meet compliance requirements (averaging plan, standard limit, or alternative limit).
Emissions Limit (lb/mmBtu)	emissionsLimitDisplay	0.55	For ARP NOx, the applicable emissions limit based on compliance plan. May either be unit-specific or part of an averaging plan. (lb/mmBtu)
Facility ID	facilityId	3179	The Facility ID code assigned by the Department of Energy's Energy Information Administration. The Energy Information Administration Plant ID code is also referred to as the "ORIS code", "ORISPL code", "Facility ID", or "Facility code", among other names. If a Plant ID code has not been assigned by the Department of Energy's Energy Information Administration, then plant code means a code beginning with "88" assigned by the EPA's Clean Air Markets Division for electronic reporting.
Facility Name	facilityName	Hatfield's Ferry Power Station	The name given by the owners and operators to a facility.
In Compliance?	inCompliance	YES	A facility is in compliance if, at the end of the compliance period, the facility owns enough allowances to cover the amount of pollutant emitted (or for ARP NOx, the actual emissions rate of the pollutant was below the emissions limit).
Owner/Operator	ownerOperator	Alabama Power Company (Operator), Alabama Power Company (Owner)	The name of any company that owns an allowance account or an affected unit.The name of any company that operates an affected unit.
State	stateCode	PA	State in which the facility is located.
Unit ID	unitId	2180	Unique identifier for each unit at a facility.
Year	year	2013	The calendar year during which activity occurred.