



February 27, 2019

The Honorable James Richard Perry
Secretary of the Energy
United States Department of Energy
1000 Independence Ave, SW
Washington, DC 20585

Re: Report on Yorktown Units 1 & 2 Operations Pursuant to Order No. 202-18-6

Dear Secretary Perry:

Pursuant to Order No. 202-18-6 dated December 6, 2018 (“Order”) by the Secretary of Energy (“Secretary”), PJM Interconnection, L.L.C. (“PJM”) and Virginia Electric and Power Company (“Dominion Energy Virginia”) respectfully submit the attached air emissions report and water usage report regarding operations of Yorktown Units 1 and 2 from February 12 to February 25, 2019 including the periods needed to startup and ramp down the units. This report is submitted in accordance with the Secretary’s directive in the Order that every two weeks PJM and Dominion Energy Virginia are to report all dates on which Yorktown Units 1 and/or 2 are operated, and the associated air emissions and water usage data for those dates.¹

In the Order, the Secretary determined “that an emergency continues to exist in the North Hampton Roads area of Virginia due to a shortage of electric energy and a shortage of facilities for the generation of electric energy.”² The Secretary also found that the issuance of the order will meet the emergency and serves the public interest as required by Federal Power Act Section 202(c).³ In doing so, the Secretary directed Dominion Energy Virginia to operate Yorktown Units 1 and/or 2 as directed by PJM only as needed to ensure grid reliability for a 90-day period of December 9, 2018 through March 8, 2019 in the Order.⁴

¹ Order at page 2.
² Order at page 1.
³ *Id.*
⁴ Order at page 2.

On June 16, 2017, the Secretary issued the Order No. 202-17-2 that directed, among other things, PJM and Dominion Energy Virginia to develop and implement a dispatch methodology for purposes of operating the Yorktown Units. On June 27, 2017 PJM submitted the PJM Dispatch Methodology and DOE in its Order 202-18-2 dated December 13, 2017 directed Dominion Energy Virginia to continue to comply with the methodology.⁵

Pursuant to Section 6 of the PJM Dispatch Methodology,⁶ on February 25 the operations of the Yorktown Units were started at approximately 11 hundred hours, and the operations continued through the end of the reporting period, February 25.

Attachment 1 to this report is the Yorktown Power Station Bi-Weekly Mass Emissions for February 12 through February 25 that shows the actual runtime and air emissions data for Units 1 and 2. This spreadsheet includes hourly runtime data for Yorktown Units 1 and 2, hourly gross Megawatt (MW) outputs, and raw and calculated data showing air emissions data associated with operations of Yorktown Units 1 and 2.⁷

The information in Attachment 1 reports Yorktown Units 1 and 2 hourly emissions of PM-10 and SO₂ in pounds per hour, and mercury in pounds per hour. Additionally, Attachment 1 provides Units 1 and 2 hourly emissions of NO_x in pounds per hour, greenhouse gases (as CO₂) in tons per hour, lead in pounds per hour, HCl in pounds per hour, HF in pounds per hour, and CO in pounds per hour. NO_x and SO₂ emissions are based on valid hours of Continuous Emissions Monitoring System (CEMS) data for the period. PM-10 emissions are based on the emission factor derived from the July 21, 2017 stack test (0.0168 lbs/mmBtu corrected to 0.1143 lbs/mmBtu calculated for PM-10 filterable plus condensable). CO₂ emissions are based on valid CEMS hours for the operating period. All other emissions were

⁵ Order 202-18-2 at 2.

⁶ Section 6 of the PJM Dispatch Methodology provides that Yorktown Units 1 and 2 may require basic periodic and compliance related activities, which activities include operating equipment for maintenance testing and reliability check out, testing of fuel systems, tuning of units, required emissions or operational testing, and emptying of coal bunkers. This section further provides that Dominion Energy Virginia will determine the need for the activity and PJM will study the PJM system conditions to determine whether the conditions permit the operation of the units.

⁷ The Yorktown units can emit pollution while not generating MWs (e.g. during standby, startup and shutdown sequences). Thus, Attachment 1 shows the MW output during the period Yorktown Units 1 and 2 provided power to the grid including startup and shutdown processes, and it shows the emissions data for operations of Units 1 and 2 including times when the unit was not generating power.

calculated using emission factors from AP-42, Fifth Edition, Volume 1, Chapter 1: External Combustion Sources and calculated hourly coal consumption in tons.⁸

Attachment 2 to this report is the Yorktown Units 1 and 2 February 25 Circulating Water Usage report for unit operations as required by the Order. Operation of cooling water pumps extends over a period of time longer than unit operation to facilitate cooling of plant components that support the boiler and turbine. As a general rule cooling water will start to be pumped before the unit is started, as was the case with the operations of the Yorktown Units for this reporting period. Water pumping started February 22 and continued through the end of the reporting period.

PJM and Dominion Energy Virginia respectfully submit the information in this report be accepted by the Secretary as compliant with the Secretary's directive in the Order that every two weeks PJM and Dominion Energy Virginia are to report all dates on which Yorktown Units 1 and/or 2 are operated for the period February 12 to February 25, 2019 and the associated air emissions and water usage data for those dates.

Respectfully submitted,

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⁸ Mercury and lead emissions were calculated using AP-42, Table 1.1-18. CO emissions were calculated using emission factors from AP-42, Table 1.1-3. Total HAP metals and individual HAP metals are not provided because MATS Table 2 (40 CFR 63, Subpart UUUUU) provides for compliance with either the PM limit or total non-mercury HAP metals limits or individual HAP metals. Dominion Energy Virginia is providing PM-10 emissions for the purposes of MATS. HCl and HF emissions were calculated using emission factors from AP-42, Table 1.1-15.

cc: Pat Hoffinan, U.S. Department of Energy
Catherine Jereza, U.S. Department of Energy
Rakesh Batra, U.S. Department of Energy
Casey Roberts, Sierra Club Environmental Law Program

Dominion Energy - Yorktown Power Station
 Bi-Weekly Mass Emissions
 Feb 12, 2019 through Feb 25, 2019

Substituted Data	Date & Hour	Unit 1 Load (Gross MW)	Unit 2 Load (Gross MW)	Common Stack										
				Operation (x.xx Hour)	Heat Input (mmBtu)	NOx (Lbs)	SO2 (Lbs)	CO2 (Tons)	CO (Lbs)	Coal (Tons)	PM10 (Lbs)	Lead (Lbs)	Mercury (Lbs)	HCl (Lbs)
	02-12-2019 00	0	0	0.00	0.0	0.0	0.0	0.0	0.00	0.00	0	0	0	0
	02-12-2019 01	0	0	0.00	0.0	0.0	0.0	0.0	0.00	0.00	0	0	0	0
	02-12-2019 02	0	0	0.00	0.0	0.0	0.0	0.0	0.00	0.00	0	0	0	0
	02-12-2019 03	0	0	0.00	0.0	0.0	0.0	0.0	0.00	0.00	0	0	0	0
	02-12-2019 04	0	0	0.00	0.0	0.0	0.0	0.0	0.00	0.00	0	0	0	0
	02-12-2019 05	0	0	0.00	0.0	0.0	0.0	0.0	0.00	0.00	0	0	0	0
	02-12-2019 06	0	0	0.00	0.0	0.0	0.0	0.0	0.00	0.00	0	0	0	0
	02-12-2019 07	0	0	0.00	0.0	0.0	0.0	0.0	0.00	0.00	0	0	0	0
	02-12-2019 08	0	0	0.00	0.0	0.0	0.0	0.0	0.00	0.00	0	0	0	0
	02-12-2019 09	0	0	0.00	0.0	0.0	0.0	0.0	0.00	0.00	0	0	0	0
	02-12-2019 10	0	0	0.00	0.0	0.0	0.0	0.0	0.00	0.00	0	0	0	0
	02-12-2019 11	0	0	0.00	0.0	0.0	0.0	0.0	0.00	0.00	0	0	0	0
	02-12-2019 12	0	0	0.00	0.0	0.0	0.0	0.0	0.00	0.00	0	0	0	0
	02-12-2019 13	0	0	0.00	0.0	0.0	0.0	0.0	0.00	0.00	0	0	0	0
	02-12-2019 14	0	0	0.00	0.0	0.0	0.0	0.0	0.00	0.00	0	0	0	0
	02-12-2019 15	0	0	0.00	0.0	0.0	0.0	0.0	0.00	0.00	0	0	0	0
	02-12-2019 16	0	0	0.00	0.0	0.0	0.0	0.0	0.00	0.00	0	0	0	0
	02-12-2019 17	0	0	0.00	0.0	0.0	0.0	0.0	0.00	0.00	0	0	0	0
	02-12-2019 18	0	0	0.00	0.0	0.0	0.0	0.0	0.00	0.00	0	0	0	0
	02-12-2019 19	0	0	0.00	0.0	0.0	0.0	0.0	0.00	0.00	0	0	0	0
	02-12-2019 20	0	0	0.00	0.0	0.0	0.0	0.0	0.00	0.00	0	0	0	0
	02-12-2019 21	0	0	0.00	0.0	0.0	0.0	0.0	0.00	0.00	0	0	0	0
	02-12-2019 22	0	0	0.00	0.0	0.0	0.0	0.0	0.00	0.00	0	0	0	0
	02-12-2019 23	0	0	0.00	0.0	0.0	0.0	0.0	0.00	0.00	0	0	0	0
	02-13-2019 00	0	0	0.00	0.0	0.0	0.0	0.0	0.00	0.00	0	0	0	0
	02-13-2019 01	0	0	0.00	0.0	0.0	0.0	0.0	0.00	0.00	0	0	0	0
	02-13-2019 02	0	0	0.00	0.0	0.0	0.0	0.0	0.00	0.00	0	0	0	0
	02-13-2019 03	0	0	0.00	0.0	0.0	0.0	0.0	0.00	0.00	0	0	0	0
	02-13-2019 04	0	0	0.00	0.0	0.0	0.0	0.0	0.00	0.00	0	0	0	0
	02-13-2019 05	0	0	0.00	0.0	0.0	0.0	0.0	0.00	0.00	0	0	0	0
	02-13-2019 06	0	0	0.00	0.0	0.0	0.0	0.0	0.00	0.00	0	0	0	0
	02-13-2019 07	0	0	0.00	0.0	0.0	0.0	0.0	0.00	0.00	0	0	0	0
	02-13-2019 08	0	0	0.00	0.0	0.0	0.0	0.0	0.00	0.00	0	0	0	0
	02-13-2019 09	0	0	0.00	0.0	0.0	0.0	0.0	0.00	0.00	0	0	0	0
	02-13-2019 10	0	0	0.00	0.0	0.0	0.0	0.0	0.00	0.00	0	0	0	0
	02-13-2019 11	0	0	0.00	0.0	0.0	0.0	0.0	0.00	0.00	0	0	0	0

Dominion Energy - Yorktown Power Station
 Bi-Weekly Mass Emissions
 Feb 12, 2019 through Feb 25, 2019

Substituted
Data

Date & Hour	Unit 1 Load (Gross MW)	Unit 2 Load (Gross MW)	Common Stack											
			Operation (x.xx Hour)	Heat Input (mmBtu)	NOx (Lbs)	SO2 (Lbs)	CO2 (Tons)	CO (Lbs)	Coal (Tons)	PM10 (Lbs)	Lead (Lbs)	Mercury (Lbs)	HCl (Lbs)	
02-13-2019 12	0	0	0.00	0.0	0.0	0.0	0.0	0.00	0.00	0.00	0	0	0	0
02-13-2019 13	0	0	0.00	0.0	0.0	0.0	0.0	0.00	0.00	0.00	0	0	0	0
02-13-2019 14	0	0	0.00	0.0	0.0	0.0	0.0	0.00	0.00	0.00	0	0	0	0
02-13-2019 15	0	0	0.00	0.0	0.0	0.0	0.0	0.00	0.00	0.00	0	0	0	0
02-13-2019 16	0	0	0.00	0.0	0.0	0.0	0.0	0.00	0.00	0.00	0	0	0	0
02-13-2019 17	0	0	0.00	0.0	0.0	0.0	0.0	0.00	0.00	0.00	0	0	0	0
02-13-2019 18	0	0	0.00	0.0	0.0	0.0	0.0	0.00	0.00	0.00	0	0	0	0
02-13-2019 19	0	0	0.00	0.0	0.0	0.0	0.0	0.00	0.00	0.00	0	0	0	0
02-13-2019 20	0	0	0.00	0.0	0.0	0.0	0.0	0.00	0.00	0.00	0	0	0	0
02-13-2019 21	0	0	0.00	0.0	0.0	0.0	0.0	0.00	0.00	0.00	0	0	0	0
02-13-2019 22	0	0	0.00	0.0	0.0	0.0	0.0	0.00	0.00	0.00	0	0	0	0
02-13-2019 23	0	0	0.00	0.0	0.0	0.0	0.0	0.00	0.00	0.00	0	0	0	0
02-14-2019 00	0	0	0.00	0.0	0.0	0.0	0.0	0.00	0.00	0.00	0	0	0	0
02-14-2019 01	0	0	0.00	0.0	0.0	0.0	0.0	0.00	0.00	0.00	0	0	0	0
02-14-2019 02	0	0	0.00	0.0	0.0	0.0	0.0	0.00	0.00	0.00	0	0	0	0
02-14-2019 03	0	0	0.00	0.0	0.0	0.0	0.0	0.00	0.00	0.00	0	0	0	0
02-14-2019 04	0	0	0.00	0.0	0.0	0.0	0.0	0.00	0.00	0.00	0	0	0	0
02-14-2019 05	0	0	0.00	0.0	0.0	0.0	0.0	0.00	0.00	0.00	0	0	0	0
02-14-2019 06	0	0	0.00	0.0	0.0	0.0	0.0	0.00	0.00	0.00	0	0	0	0
02-14-2019 07	0	0	0.00	0.0	0.0	0.0	0.0	0.00	0.00	0.00	0	0	0	0
02-14-2019 08	0	0	0.00	0.0	0.0	0.0	0.0	0.00	0.00	0.00	0	0	0	0
02-14-2019 09	0	0	0.00	0.0	0.0	0.0	0.0	0.00	0.00	0.00	0	0	0	0
02-14-2019 10	0	0	0.00	0.0	0.0	0.0	0.0	0.00	0.00	0.00	0	0	0	0
02-14-2019 11	0	0	0.00	0.0	0.0	0.0	0.0	0.00	0.00	0.00	0	0	0	0
02-14-2019 12	0	0	0.00	0.0	0.0	0.0	0.0	0.00	0.00	0.00	0	0	0	0
02-14-2019 13	0	0	0.00	0.0	0.0	0.0	0.0	0.00	0.00	0.00	0	0	0	0
02-14-2019 14	0	0	0.00	0.0	0.0	0.0	0.0	0.00	0.00	0.00	0	0	0	0
02-14-2019 15	0	0	0.00	0.0	0.0	0.0	0.0	0.00	0.00	0.00	0	0	0	0
02-14-2019 16	0	0	0.00	0.0	0.0	0.0	0.0	0.00	0.00	0.00	0	0	0	0
02-14-2019 17	0	0	0.00	0.0	0.0	0.0	0.0	0.00	0.00	0.00	0	0	0	0
02-14-2019 18	0	0	0.00	0.0	0.0	0.0	0.0	0.00	0.00	0.00	0	0	0	0
02-14-2019 19	0	0	0.00	0.0	0.0	0.0	0.0	0.00	0.00	0.00	0	0	0	0
02-14-2019 20	0	0	0.00	0.0	0.0	0.0	0.0	0.00	0.00	0.00	0	0	0	0
02-14-2019 21	0	0	0.00	0.0	0.0	0.0	0.0	0.00	0.00	0.00	0	0	0	0
02-14-2019 22	0	0	0.00	0.0	0.0	0.0	0.0	0.00	0.00	0.00	0	0	0	0
02-14-2019 23	0	0	0.00	0.0	0.0	0.0	0.0	0.00	0.00	0.00	0	0	0	0

Dominion Energy - Yorktown Power Station
 Bi-Weekly Mass Emissions
 Feb 12, 2019 through Feb 25, 2019

Substituted Data	Unit 1 Load		Unit 2 Load		Common Stack									
	Date & Hour	(Gross MW)	(Gross MW)	Operation (x.xx Hour)	Heat Input (mmBtu)	NOx (Lbs)	SO2 (Lbs)	CO2 (Tons)	CO (Lbs)	Coal (Tons)	PM10 (Lbs)	Lead (Lbs)	Mercury (Lbs)	HCl (Lbs)
	02-15-2019	00	0	0	0.00	0.0	0.0	0.0	0.00	0.00	0	0	0	0
	02-15-2019	01	0	0	0.00	0.0	0.0	0.0	0.00	0.00	0	0	0	0
	02-15-2019	02	0	0	0.00	0.0	0.0	0.0	0.00	0.00	0	0	0	0
	02-15-2019	03	0	0	0.00	0.0	0.0	0.0	0.00	0.00	0	0	0	0
	02-15-2019	04	0	0	0.00	0.0	0.0	0.0	0.00	0.00	0	0	0	0
	02-15-2019	05	0	0	0.00	0.0	0.0	0.0	0.00	0.00	0	0	0	0
	02-15-2019	06	0	0	0.00	0.0	0.0	0.0	0.00	0.00	0	0	0	0
	02-15-2019	07	0	0	0.00	0.0	0.0	0.0	0.00	0.00	0	0	0	0
	02-15-2019	08	0	0	0.00	0.0	0.0	0.0	0.00	0.00	0	0	0	0
	02-15-2019	09	0	0	0.00	0.0	0.0	0.0	0.00	0.00	0	0	0	0
	02-15-2019	10	0	0	0.00	0.0	0.0	0.0	0.00	0.00	0	0	0	0
	02-15-2019	11	0	0	0.00	0.0	0.0	0.0	0.00	0.00	0	0	0	0
	02-15-2019	12	0	0	0.00	0.0	0.0	0.0	0.00	0.00	0	0	0	0
	02-15-2019	13	0	0	0.00	0.0	0.0	0.0	0.00	0.00	0	0	0	0
	02-15-2019	14	0	0	0.00	0.0	0.0	0.0	0.00	0.00	0	0	0	0
	02-15-2019	15	0	0	0.00	0.0	0.0	0.0	0.00	0.00	0	0	0	0
	02-15-2019	16	0	0	0.00	0.0	0.0	0.0	0.00	0.00	0	0	0	0
	02-15-2019	17	0	0	0.00	0.0	0.0	0.0	0.00	0.00	0	0	0	0
	02-15-2019	18	0	0	0.00	0.0	0.0	0.0	0.00	0.00	0	0	0	0
	02-15-2019	19	0	0	0.00	0.0	0.0	0.0	0.00	0.00	0	0	0	0
	02-15-2019	20	0	0	0.00	0.0	0.0	0.0	0.00	0.00	0	0	0	0
	02-15-2019	21	0	0	0.00	0.0	0.0	0.0	0.00	0.00	0	0	0	0
	02-15-2019	22	0	0	0.00	0.0	0.0	0.0	0.00	0.00	0	0	0	0
	02-15-2019	23	0	0	0.00	0.0	0.0	0.0	0.00	0.00	0	0	0	0
	02-16-2019	00	0	0	0.00	0.0	0.0	0.0	0.00	0.00	0	0	0	0
	02-16-2019	01	0	0	0.00	0.0	0.0	0.0	0.00	0.00	0	0	0	0
	02-16-2019	02	0	0	0.00	0.0	0.0	0.0	0.00	0.00	0	0	0	0
	02-16-2019	03	0	0	0.00	0.0	0.0	0.0	0.00	0.00	0	0	0	0
	02-16-2019	04	0	0	0.00	0.0	0.0	0.0	0.00	0.00	0	0	0	0
	02-16-2019	05	0	0	0.00	0.0	0.0	0.0	0.00	0.00	0	0	0	0
	02-16-2019	06	0	0	0.00	0.0	0.0	0.0	0.00	0.00	0	0	0	0
	02-16-2019	07	0	0	0.00	0.0	0.0	0.0	0.00	0.00	0	0	0	0
	02-16-2019	08	0	0	0.00	0.0	0.0	0.0	0.00	0.00	0	0	0	0
	02-16-2019	09	0	0	0.00	0.0	0.0	0.0	0.00	0.00	0	0	0	0
	02-16-2019	10	0	0	0.00	0.0	0.0	0.0	0.00	0.00	0	0	0	0
	02-16-2019	11	0	0	0.00	0.0	0.0	0.0	0.00	0.00	0	0	0	0

Dominion Energy - Yorktown Power Station
 Bi-Weekly Mass Emissions
 Feb 12, 2019 through Feb 25, 2019

Substituted Data	Date & Hour	Unit 1 Load (Gross MW)	Unit 2 Load (Gross MW)	Common Stack										
				Operation (x.xx Hour)	Heat Input (mmBtu)	NOx (Lbs)	SO2 (Lbs)	CO2 (Tons)	CO (Lbs)	Coal (Tons)	PM10 (Lbs)	Lead (Lbs)	Mercury (Lbs)	HCl (Lbs)
	02-16-2019 12	0	0	0.00	0.0	0.0	0.0	0.0	0.00	0.00	0	0	0	0
	02-16-2019 13	0	0	0.00	0.0	0.0	0.0	0.0	0.00	0.00	0	0	0	0
	02-16-2019 14	0	0	0.00	0.0	0.0	0.0	0.0	0.00	0.00	0	0	0	0
	02-16-2019 15	0	0	0.00	0.0	0.0	0.0	0.0	0.00	0.00	0	0	0	0
	02-16-2019 16	0	0	0.00	0.0	0.0	0.0	0.0	0.00	0.00	0	0	0	0
	02-16-2019 17	0	0	0.00	0.0	0.0	0.0	0.0	0.00	0.00	0	0	0	0
	02-16-2019 18	0	0	0.00	0.0	0.0	0.0	0.0	0.00	0.00	0	0	0	0
	02-16-2019 19	0	0	0.00	0.0	0.0	0.0	0.0	0.00	0.00	0	0	0	0
	02-16-2019 20	0	0	0.00	0.0	0.0	0.0	0.0	0.00	0.00	0	0	0	0
	02-16-2019 21	0	0	0.00	0.0	0.0	0.0	0.0	0.00	0.00	0	0	0	0
	02-16-2019 22	0	0	0.00	0.0	0.0	0.0	0.0	0.00	0.00	0	0	0	0
	02-16-2019 23	0	0	0.00	0.0	0.0	0.0	0.0	0.00	0.00	0	0	0	0
	02-17-2019 00	0	0	0.00	0.0	0.0	0.0	0.0	0.00	0.00	0	0	0	0
	02-17-2019 01	0	0	0.00	0.0	0.0	0.0	0.0	0.00	0.00	0	0	0	0
	02-17-2019 02	0	0	0.00	0.0	0.0	0.0	0.0	0.00	0.00	0	0	0	0
	02-17-2019 03	0	0	0.00	0.0	0.0	0.0	0.0	0.00	0.00	0	0	0	0
	02-17-2019 04	0	0	0.00	0.0	0.0	0.0	0.0	0.00	0.00	0	0	0	0
	02-17-2019 05	0	0	0.00	0.0	0.0	0.0	0.0	0.00	0.00	0	0	0	0
	02-17-2019 06	0	0	0.00	0.0	0.0	0.0	0.0	0.00	0.00	0	0	0	0
	02-17-2019 07	0	0	0.00	0.0	0.0	0.0	0.0	0.00	0.00	0	0	0	0
	02-17-2019 08	0	0	0.00	0.0	0.0	0.0	0.0	0.00	0.00	0	0	0	0
	02-17-2019 09	0	0	0.00	0.0	0.0	0.0	0.0	0.00	0.00	0	0	0	0
	02-17-2019 10	0	0	0.00	0.0	0.0	0.0	0.0	0.00	0.00	0	0	0	0
	02-17-2019 11	0	0	0.00	0.0	0.0	0.0	0.0	0.00	0.00	0	0	0	0
	02-17-2019 12	0	0	0.00	0.0	0.0	0.0	0.0	0.00	0.00	0	0	0	0
	02-17-2019 13	0	0	0.00	0.0	0.0	0.0	0.0	0.00	0.00	0	0	0	0
	02-17-2019 14	0	0	0.00	0.0	0.0	0.0	0.0	0.00	0.00	0	0	0	0
	02-17-2019 15	0	0	0.00	0.0	0.0	0.0	0.0	0.00	0.00	0	0	0	0
	02-17-2019 16	0	0	0.00	0.0	0.0	0.0	0.0	0.00	0.00	0	0	0	0
	02-17-2019 17	0	0	0.00	0.0	0.0	0.0	0.0	0.00	0.00	0	0	0	0
	02-17-2019 18	0	0	0.00	0.0	0.0	0.0	0.0	0.00	0.00	0	0	0	0
	02-17-2019 19	0	0	0.00	0.0	0.0	0.0	0.0	0.00	0.00	0	0	0	0
	02-17-2019 20	0	0	0.00	0.0	0.0	0.0	0.0	0.00	0.00	0	0	0	0
	02-17-2019 21	0	0	0.00	0.0	0.0	0.0	0.0	0.00	0.00	0	0	0	0
	02-17-2019 22	0	0	0.00	0.0	0.0	0.0	0.0	0.00	0.00	0	0	0	0
	02-17-2019 23	0	0	0.00	0.0	0.0	0.0	0.0	0.00	0.00	0	0	0	0

Dominion Energy - Yorktown Power Station
Bi-Weekly Mass Emissions
Feb 12, 2019 through Feb 25, 2019

Substituted Data	Unit 1 Load Unit 2 Load		Common Stack											
	Date & Hour	(Gross MW)	(Gross MW)	Operation (x.xx Hour)	Heat Input (mmBtu)	NOx (Lbs)	SO2 (Lbs)	CO2 (Tons)	CO (Lbs)	Coal (Tons)	PM10 (Lbs)	Lead (Lbs)	Mercury (Lbs)	HCl (Lbs)
	02-18-2019 00	0	0	0.00	0.0	0.0	0.0	0.0	0.00	0.00	0	0	0	0
	02-18-2019 01	0	0	0.00	0.0	0.0	0.0	0.0	0.00	0.00	0	0	0	0
	02-18-2019 02	0	0	0.00	0.0	0.0	0.0	0.0	0.00	0.00	0	0	0	0
	02-18-2019 03	0	0	0.00	0.0	0.0	0.0	0.0	0.00	0.00	0	0	0	0
	02-18-2019 04	0	0	0.00	0.0	0.0	0.0	0.0	0.00	0.00	0	0	0	0
	02-18-2019 05	0	0	0.00	0.0	0.0	0.0	0.0	0.00	0.00	0	0	0	0
	02-18-2019 06	0	0	0.00	0.0	0.0	0.0	0.0	0.00	0.00	0	0	0	0
	02-18-2019 07	0	0	0.00	0.0	0.0	0.0	0.0	0.00	0.00	0	0	0	0
	02-18-2019 08	0	0	0.00	0.0	0.0	0.0	0.0	0.00	0.00	0	0	0	0
	02-18-2019 09	0	0	0.00	0.0	0.0	0.0	0.0	0.00	0.00	0	0	0	0
	02-18-2019 10	0	0	0.00	0.0	0.0	0.0	0.0	0.00	0.00	0	0	0	0
	02-18-2019 11	0	0	0.00	0.0	0.0	0.0	0.0	0.00	0.00	0	0	0	0
	02-18-2019 12	0	0	0.00	0.0	0.0	0.0	0.0	0.00	0.00	0	0	0	0
	02-18-2019 13	0	0	0.00	0.0	0.0	0.0	0.0	0.00	0.00	0	0	0	0
	02-18-2019 14	0	0	0.00	0.0	0.0	0.0	0.0	0.00	0.00	0	0	0	0
	02-18-2019 15	0	0	0.00	0.0	0.0	0.0	0.0	0.00	0.00	0	0	0	0
	02-18-2019 16	0	0	0.00	0.0	0.0	0.0	0.0	0.00	0.00	0	0	0	0
	02-18-2019 17	0	0	0.00	0.0	0.0	0.0	0.0	0.00	0.00	0	0	0	0
	02-18-2019 18	0	0	0.00	0.0	0.0	0.0	0.0	0.00	0.00	0	0	0	0
	02-18-2019 19	0	0	0.00	0.0	0.0	0.0	0.0	0.00	0.00	0	0	0	0
	02-18-2019 20	0	0	0.00	0.0	0.0	0.0	0.0	0.00	0.00	0	0	0	0
	02-18-2019 21	0	0	0.00	0.0	0.0	0.0	0.0	0.00	0.00	0	0	0	0
	02-18-2019 22	0	0	0.00	0.0	0.0	0.0	0.0	0.00	0.00	0	0	0	0
	02-18-2019 23	0	0	0.00	0.0	0.0	0.0	0.0	0.00	0.00	0	0	0	0
	02-19-2019 00	0	0	0.00	0.0	0.0	0.0	0.0	0.00	0.00	0	0	0	0
	02-19-2019 01	0	0	0.00	0.0	0.0	0.0	0.0	0.00	0.00	0	0	0	0
	02-19-2019 02	0	0	0.00	0.0	0.0	0.0	0.0	0.00	0.00	0	0	0	0
	02-19-2019 03	0	0	0.00	0.0	0.0	0.0	0.0	0.00	0.00	0	0	0	0
	02-19-2019 04	0	0	0.00	0.0	0.0	0.0	0.0	0.00	0.00	0	0	0	0
	02-19-2019 05	0	0	0.00	0.0	0.0	0.0	0.0	0.00	0.00	0	0	0	0
	02-19-2019 06	0	0	0.00	0.0	0.0	0.0	0.0	0.00	0.00	0	0	0	0
	02-19-2019 07	0	0	0.00	0.0	0.0	0.0	0.0	0.00	0.00	0	0	0	0
	02-19-2019 08	0	0	0.00	0.0	0.0	0.0	0.0	0.00	0.00	0	0	0	0
	02-19-2019 09	0	0	0.00	0.0	0.0	0.0	0.0	0.00	0.00	0	0	0	0
	02-19-2019 10	0	0	0.00	0.0	0.0	0.0	0.0	0.00	0.00	0	0	0	0
	02-19-2019 11	0	0	0.00	0.0	0.0	0.0	0.0	0.00	0.00	0	0	0	0

Dominion Energy - Yorktown Power Station
Bi-Weekly Mass Emissions
Feb 12, 2019 through Feb 25, 2019

Substituted Data	Unit 1 Load		Unit 2 Load		Common Stack									
	Date & Hour	(Gross MW)	(Gross MW)	Operation (x.xx Hour)	Heat Input (mmBtu)	NOx (Lbs)	SO2 (Lbs)	CO2 (Tons)	CO (Lbs)	Coal (Tons)	PM10 (Lbs)	Lead (Lbs)	Mercury (Lbs)	HCl (Lbs)
	02-19-2019 12	0	0	0.00	0.0	0.0	0.0	0.0	0.00	0.00	0	0	0	0
	02-19-2019 13	0	0	0.00	0.0	0.0	0.0	0.0	0.00	0.00	0	0	0	0
	02-19-2019 14	0	0	0.00	0.0	0.0	0.0	0.0	0.00	0.00	0	0	0	0
	02-19-2019 15	0	0	0.00	0.0	0.0	0.0	0.0	0.00	0.00	0	0	0	0
	02-19-2019 16	0	0	0.00	0.0	0.0	0.0	0.0	0.00	0.00	0	0	0	0
	02-19-2019 17	0	0	0.00	0.0	0.0	0.0	0.0	0.00	0.00	0	0	0	0
	02-19-2019 18	0	0	0.00	0.0	0.0	0.0	0.0	0.00	0.00	0	0	0	0
	02-19-2019 19	0	0	0.00	0.0	0.0	0.0	0.0	0.00	0.00	0	0	0	0
	02-19-2019 20	0	0	0.00	0.0	0.0	0.0	0.0	0.00	0.00	0	0	0	0
	02-19-2019 21	0	0	0.00	0.0	0.0	0.0	0.0	0.00	0.00	0	0	0	0
	02-19-2019 22	0	0	0.00	0.0	0.0	0.0	0.0	0.00	0.00	0	0	0	0
	02-19-2019 23	0	0	0.00	0.0	0.0	0.0	0.0	0.00	0.00	0	0	0	0
	02-20-2019 00	0	0	0.00	0.0	0.0	0.0	0.0	0.00	0.00	0	0	0	0
	02-20-2019 01	0	0	0.00	0.0	0.0	0.0	0.0	0.00	0.00	0	0	0	0
	02-20-2019 02	0	0	0.00	0.0	0.0	0.0	0.0	0.00	0.00	0	0	0	0
	02-20-2019 03	0	0	0.00	0.0	0.0	0.0	0.0	0.00	0.00	0	0	0	0
	02-20-2019 04	0	0	0.00	0.0	0.0	0.0	0.0	0.00	0.00	0	0	0	0
	02-20-2019 05	0	0	0.00	0.0	0.0	0.0	0.0	0.00	0.00	0	0	0	0
	02-20-2019 06	0	0	0.00	0.0	0.0	0.0	0.0	0.00	0.00	0	0	0	0
	02-20-2019 07	0	0	0.00	0.0	0.0	0.0	0.0	0.00	0.00	0	0	0	0
	02-20-2019 08	0	0	0.00	0.0	0.0	0.0	0.0	0.00	0.00	0	0	0	0
	02-20-2019 09	0	0	0.00	0.0	0.0	0.0	0.0	0.00	0.00	0	0	0	0
	02-20-2019 10	0	0	0.00	0.0	0.0	0.0	0.0	0.00	0.00	0	0	0	0
	02-20-2019 11	0	0	0.00	0.0	0.0	0.0	0.0	0.00	0.00	0	0	0	0
	02-20-2019 12	0	0	0.00	0.0	0.0	0.0	0.0	0.00	0.00	0	0	0	0
	02-20-2019 13	0	0	0.00	0.0	0.0	0.0	0.0	0.00	0.00	0	0	0	0
	02-20-2019 14	0	0	0.00	0.0	0.0	0.0	0.0	0.00	0.00	0	0	0	0
	02-20-2019 15	0	0	0.00	0.0	0.0	0.0	0.0	0.00	0.00	0	0	0	0
	02-20-2019 16	0	0	0.00	0.0	0.0	0.0	0.0	0.00	0.00	0	0	0	0
	02-20-2019 17	0	0	0.00	0.0	0.0	0.0	0.0	0.00	0.00	0	0	0	0
	02-20-2019 18	0	0	0.00	0.0	0.0	0.0	0.0	0.00	0.00	0	0	0	0
	02-20-2019 19	0	0	0.00	0.0	0.0	0.0	0.0	0.00	0.00	0	0	0	0
	02-20-2019 20	0	0	0.00	0.0	0.0	0.0	0.0	0.00	0.00	0	0	0	0
	02-20-2019 21	0	0	0.00	0.0	0.0	0.0	0.0	0.00	0.00	0	0	0	0
	02-20-2019 22	0	0	0.00	0.0	0.0	0.0	0.0	0.00	0.00	0	0	0	0
	02-20-2019 23	0	0	0.00	0.0	0.0	0.0	0.0	0.00	0.00	0	0	0	0

Dominion Energy - Yorktown Power Station
 Bi-Weekly Mass Emissions
 Feb 12, 2019 through Feb 25, 2019

Substituted
Data

Date & Hour	Unit 1 Load (Gross MW)	Unit 2 Load (Gross MW)	Common Stack											
			Operation (x.xx Hour)	Heat Input (mmBtu)	NOx (Lbs)	SO2 (Lbs)	CO2 (Tons)	CO (Lbs)	Coal (Tons)	PM10 (Lbs)	Lead (Lbs)	Mercury (Lbs)	HCl (Lbs)	
02-21-2019 00	0	0	0.00	0.0	0.0	0.0	0.0	0.00	0.00	0.00	0	0	0	0
02-21-2019 01	0	0	0.00	0.0	0.0	0.0	0.0	0.00	0.00	0.00	0	0	0	0
02-21-2019 02	0	0	0.00	0.0	0.0	0.0	0.0	0.00	0.00	0.00	0	0	0	0
02-21-2019 03	0	0	0.00	0.0	0.0	0.0	0.0	0.00	0.00	0.00	0	0	0	0
02-21-2019 04	0	0	0.00	0.0	0.0	0.0	0.0	0.00	0.00	0.00	0	0	0	0
02-21-2019 05	0	0	0.00	0.0	0.0	0.0	0.0	0.00	0.00	0.00	0	0	0	0
02-21-2019 06	0	0	0.00	0.0	0.0	0.0	0.0	0.00	0.00	0.00	0	0	0	0
02-21-2019 07	0	0	0.00	0.0	0.0	0.0	0.0	0.00	0.00	0.00	0	0	0	0
02-21-2019 08	0	0	0.00	0.0	0.0	0.0	0.0	0.00	0.00	0.00	0	0	0	0
02-21-2019 09	0	0	0.00	0.0	0.0	0.0	0.0	0.00	0.00	0.00	0	0	0	0
02-21-2019 10	0	0	0.00	0.0	0.0	0.0	0.0	0.00	0.00	0.00	0	0	0	0
02-21-2019 11	0	0	0.00	0.0	0.0	0.0	0.0	0.00	0.00	0.00	0	0	0	0
02-21-2019 12	0	0	0.00	0.0	0.0	0.0	0.0	0.00	0.00	0.00	0	0	0	0
02-21-2019 13	0	0	0.00	0.0	0.0	0.0	0.0	0.00	0.00	0.00	0	0	0	0
02-21-2019 14	0	0	0.00	0.0	0.0	0.0	0.0	0.00	0.00	0.00	0	0	0	0
02-21-2019 15	0	0	0.00	0.0	0.0	0.0	0.0	0.00	0.00	0.00	0	0	0	0
02-21-2019 16	0	0	0.00	0.0	0.0	0.0	0.0	0.00	0.00	0.00	0	0	0	0
02-21-2019 17	0	0	0.00	0.0	0.0	0.0	0.0	0.00	0.00	0.00	0	0	0	0
02-21-2019 18	0	0	0.00	0.0	0.0	0.0	0.0	0.00	0.00	0.00	0	0	0	0
02-21-2019 19	0	0	0.00	0.0	0.0	0.0	0.0	0.00	0.00	0.00	0	0	0	0
02-21-2019 20	0	0	0.00	0.0	0.0	0.0	0.0	0.00	0.00	0.00	0	0	0	0
02-21-2019 21	0	0	0.00	0.0	0.0	0.0	0.0	0.00	0.00	0.00	0	0	0	0
02-21-2019 22	0	0	0.00	0.0	0.0	0.0	0.0	0.00	0.00	0.00	0	0	0	0
02-21-2019 23	0	0	0.00	0.0	0.0	0.0	0.0	0.00	0.00	0.00	0	0	0	0
02-22-2019 00	0	0	0.00	0.0	0.0	0.0	0.0	0.00	0.00	0.00	0	0	0	0
02-22-2019 01	0	0	0.00	0.0	0.0	0.0	0.0	0.00	0.00	0.00	0	0	0	0
02-22-2019 02	0	0	0.00	0.0	0.0	0.0	0.0	0.00	0.00	0.00	0	0	0	0
02-22-2019 03	0	0	0.00	0.0	0.0	0.0	0.0	0.00	0.00	0.00	0	0	0	0
02-22-2019 04	0	0	0.00	0.0	0.0	0.0	0.0	0.00	0.00	0.00	0	0	0	0
02-22-2019 05	0	0	0.00	0.0	0.0	0.0	0.0	0.00	0.00	0.00	0	0	0	0
02-22-2019 06	0	0	0.00	0.0	0.0	0.0	0.0	0.00	0.00	0.00	0	0	0	0
02-22-2019 07	0	0	0.00	0.0	0.0	0.0	0.0	0.00	0.00	0.00	0	0	0	0
02-22-2019 08	0	0	0.00	0.0	0.0	0.0	0.0	0.00	0.00	0.00	0	0	0	0
02-22-2019 09	0	0	0.00	0.0	0.0	0.0	0.0	0.00	0.00	0.00	0	0	0	0
02-22-2019 10	0	0	0.00	0.0	0.0	0.0	0.0	0.00	0.00	0.00	0	0	0	0
02-22-2019 11	0	0	0.00	0.0	0.0	0.0	0.0	0.00	0.00	0.00	0	0	0	0

Dominion Energy - Yorktown Power Station
 Bi-Weekly Mass Emissions
 Feb 12, 2019 through Feb 25, 2019

Substituted Data	Unit Load		Common Stack											
	Date & Hour	(Gross MW)	(Gross MW)	Operation (x.xx Hour)	Heat Input (mmBtu)	NOx (Lbs)	SO2 (Lbs)	CO2 (Tons)	CO (Lbs)	Coal (Tons)	PM10 (Lbs)	Lead (Lbs)	Mercury (Lbs)	HCl (Lbs)
	02-22-2019 12	0	0	0.00	0.0	0.0	0.0	0.0	0.00	0.00	0	0	0	0
	02-22-2019 13	0	0	0.00	0.0	0.0	0.0	0.0	0.00	0.00	0	0	0	0
	02-22-2019 14	0	0	0.00	0.0	0.0	0.0	0.0	0.00	0.00	0	0	0	0
	02-22-2019 15	0	0	0.00	0.0	0.0	0.0	0.0	0.00	0.00	0	0	0	0
	02-22-2019 16	0	0	0.00	0.0	0.0	0.0	0.0	0.00	0.00	0	0	0	0
	02-22-2019 17	0	0	0.00	0.0	0.0	0.0	0.0	0.00	0.00	0	0	0	0
	02-22-2019 18	0	0	0.00	0.0	0.0	0.0	0.0	0.00	0.00	0	0	0	0
	02-22-2019 19	0	0	0.00	0.0	0.0	0.0	0.0	0.00	0.00	0	0	0	0
	02-22-2019 20	0	0	0.00	0.0	0.0	0.0	0.0	0.00	0.00	0	0	0	0
	02-22-2019 21	0	0	0.00	0.0	0.0	0.0	0.0	0.00	0.00	0	0	0	0
	02-22-2019 22	0	0	0.00	0.0	0.0	0.0	0.0	0.00	0.00	0	0	0	0
	02-22-2019 23	0	0	0.00	0.0	0.0	0.0	0.0	0.00	0.00	0	0	0	0
	02-23-2019 00	0	0	0.00	0.0	0.0	0.0	0.0	0.00	0.00	0	0	0	0
	02-23-2019 01	0	0	0.00	0.0	0.0	0.0	0.0	0.00	0.00	0	0	0	0
	02-23-2019 02	0	0	0.00	0.0	0.0	0.0	0.0	0.00	0.00	0	0	0	0
	02-23-2019 03	0	0	0.00	0.0	0.0	0.0	0.0	0.00	0.00	0	0	0	0
	02-23-2019 04	0	0	0.00	0.0	0.0	0.0	0.0	0.00	0.00	0	0	0	0
	02-23-2019 05	0	0	0.00	0.0	0.0	0.0	0.0	0.00	0.00	0	0	0	0
	02-23-2019 06	0	0	0.00	0.0	0.0	0.0	0.0	0.00	0.00	0	0	0	0
	02-23-2019 07	0	0	0.00	0.0	0.0	0.0	0.0	0.00	0.00	0	0	0	0
	02-23-2019 08	0	0	0.00	0.0	0.0	0.0	0.0	0.00	0.00	0	0	0	0
	02-23-2019 09	0	0	0.00	0.0	0.0	0.0	0.0	0.00	0.00	0	0	0	0
	02-23-2019 10	0	0	0.00	0.0	0.0	0.0	0.0	0.00	0.00	0	0	0	0
	02-23-2019 11	0	0	0.00	0.0	0.0	0.0	0.0	0.00	0.00	0	0	0	0
	02-23-2019 12	0	0	0.00	0.0	0.0	0.0	0.0	0.00	0.00	0	0	0	0
	02-23-2019 13	0	0	0.00	0.0	0.0	0.0	0.0	0.00	0.00	0	0	0	0
	02-23-2019 14	0	0	0.00	0.0	0.0	0.0	0.0	0.00	0.00	0	0	0	0
	02-23-2019 15	0	0	0.00	0.0	0.0	0.0	0.0	0.00	0.00	0	0	0	0
	02-23-2019 16	0	0	0.00	0.0	0.0	0.0	0.0	0.00	0.00	0	0	0	0
	02-23-2019 17	0	0	0.00	0.0	0.0	0.0	0.0	0.00	0.00	0	0	0	0
	02-23-2019 18	0	0	0.00	0.0	0.0	0.0	0.0	0.00	0.00	0	0	0	0
	02-23-2019 19	0	0	0.00	0.0	0.0	0.0	0.0	0.00	0.00	0	0	0	0
	02-23-2019 20	0	0	0.00	0.0	0.0	0.0	0.0	0.00	0.00	0	0	0	0
	02-23-2019 21	0	0	0.00	0.0	0.0	0.0	0.0	0.00	0.00	0	0	0	0
	02-23-2019 22	0	0	0.00	0.0	0.0	0.0	0.0	0.00	0.00	0	0	0	0
	02-23-2019 23	0	0	0.00	0.0	0.0	0.0	0.0	0.00	0.00	0	0	0	0

Dominion Energy - Yorktown Power Station
 Bi-Weekly Mass Emissions
 Feb 12, 2019 through Feb 25, 2019

Substituted Data	Date & Hour	Unit 1 Load (Gross MW)	Unit 2 Load (Gross MW)	Common Stack										
				Operation (x.xx Hour)	Heat Input (mmBtu)	NOx (Lbs)	SO2 (Lbs)	CO2 (Tons)	CO (Lbs)	Coal (Tons)	PM10 (Lbs)	Lead (Lbs)	Mercury (Lbs)	HCl (Lbs)
	02-24-2019 00	0	0	0.00	0.0	0.0	0.0	0.0	0.00	0.00	0	0	0	0
	02-24-2019 01	0	0	0.00	0.0	0.0	0.0	0.0	0.00	0.00	0	0	0	0
	02-24-2019 02	0	0	0.00	0.0	0.0	0.0	0.0	0.00	0.00	0	0	0	0
	02-24-2019 03	0	0	0.00	0.0	0.0	0.0	0.0	0.00	0.00	0	0	0	0
	02-24-2019 04	0	0	0.00	0.0	0.0	0.0	0.0	0.00	0.00	0	0	0	0
	02-24-2019 05	0	0	0.00	0.0	0.0	0.0	0.0	0.00	0.00	0	0	0	0
	02-24-2019 06	0	0	0.00	0.0	0.0	0.0	0.0	0.00	0.00	0	0	0	0
	02-24-2019 07	0	0	0.00	0.0	0.0	0.0	0.0	0.00	0.00	0	0	0	0
	02-24-2019 08	0	0	0.00	0.0	0.0	0.0	0.0	0.00	0.00	0	0	0	0
	02-24-2019 09	0	0	0.00	0.0	0.0	0.0	0.0	0.00	0.00	0	0	0	0
	02-24-2019 10	0	0	0.00	0.0	0.0	0.0	0.0	0.00	0.00	0	0	0	0
	02-24-2019 11	0	0	0.00	0.0	0.0	0.0	0.0	0.00	0.00	0	0	0	0
	02-24-2019 12	0	0	0.00	0.0	0.0	0.0	0.0	0.00	0.00	0	0	0	0
	02-24-2019 13	0	0	0.00	0.0	0.0	0.0	0.0	0.00	0.00	0	0	0	0
	02-24-2019 14	0	0	0.00	0.0	0.0	0.0	0.0	0.00	0.00	0	0	0	0
	02-24-2019 15	0	0	0.00	0.0	0.0	0.0	0.0	0.00	0.00	0	0	0	0
	02-24-2019 16	0	0	0.00	0.0	0.0	0.0	0.0	0.00	0.00	0	0	0	0
	02-24-2019 17	0	0	0.00	0.0	0.0	0.0	0.0	0.00	0.00	0	0	0	0
	02-24-2019 18	0	0	0.00	0.0	0.0	0.0	0.0	0.00	0.00	0	0	0	0
	02-24-2019 19	0	0	0.00	0.0	0.0	0.0	0.0	0.00	0.00	0	0	0	0
	02-24-2019 20	0	0	0.00	0.0	0.0	0.0	0.0	0.00	0.00	0	0	0	0
	02-24-2019 21	0	0	0.00	0.0	0.0	0.0	0.0	0.00	0.00	0	0	0	0
	02-24-2019 22	0	0	0.00	0.0	0.0	0.0	0.0	0.00	0.00	0	0	0	0
	02-24-2019 23	0	0	0.00	0.0	0.0	0.0	0.0	0.00	0.00	0	0	0	0
	02-25-2019 00	0	0	0.00	0.0	0.0	0.0	0.0	0.00	0.00	0	0	0	0
	02-25-2019 01	0	0	0.00	0.0	0.0	0.0	0.0	0.00	0.00	0	0	0	0
	02-25-2019 02	0	0	0.00	0.0	0.0	0.0	0.0	0.00	0.00	0	0	0	0
	02-25-2019 03	0	0	0.00	0.0	0.0	0.0	0.0	0.00	0.00	0	0	0	0
	02-25-2019 04	0	0	0.00	0.0	0.0	0.0	0.0	0.00	0.00	0	0	0	0
	02-25-2019 05	0	0	0.00	0.0	0.0	0.0	0.0	0.00	0.00	0	0	0	0
	02-25-2019 06	0	0	0.00	0.0	0.0	0.0	0.0	0.00	0.00	0	0	0	0
	02-25-2019 07	0	0	0.00	0.0	0.0	0.0	0.0	0.00	0.00	0	0	0	0
	02-25-2019 08	0	0	0.00	0.0	0.0	0.0	0.0	0.00	0.00	0	0	0	0
	02-25-2019 09	0	0	0.00	0.0	0.0	0.0	0.0	0.00	0.00	0	0	0	0
	02-25-2019 10	0	0	0.00	0.0	0.0	0.0	0.0	0.00	0.00	0	0	0	0
	02-25-2019 11	0	0	0.68	33.7	0.5	0.0	3.5	0.67	1.34	3.85511	9.55E-05	0.000112	1.612494

Dominion Energy - Yorktown Power Station
Bi-Weekly Mass Emissions
Feb 12, 2019 through Feb 25, 2019

Substituted Data	Date & Hour	Unit 1 Load (Gross MW)	Unit 2 Load (Gross MW)	Common Stack										
				Operation (x.xx Hour)	Heat Input (mmBtu)	NOx (Lbs)	SO2 (Lbs)	CO2 (Tons)	CO (Lbs)	Coal (Tons)	PM10 (Lbs)	Lead (Lbs)	Mercury (Lbs)	HCl (Lbs)
	02-25-2019 12	0	0	1.00	79.7	2.5	0.0	8.2	1.59	3.18	9.10971	0.000226	0.000264	3.810359
	02-25-2019 13	0	0	1.00	87.0	1.8	0.0	8.9	1.73	3.47	9.9441	0.000246	0.000288	4.159363
	02-25-2019 14	0	0	1.00	148.7	4.8	0.0	15.3	2.96	5.92	16.99641	0.000421	0.000492	7.109163
	02-25-2019 15	0	0	1.00	174.7	7.2	0.0	17.9	3.48	6.96	19.96821	0.000494	0.000578	8.352191
	02-25-2019 16	0	0	1.00	196.6	9.4	0.0	20.2	3.92	7.83	22.47138	0.000556	0.00065	9.399203
	02-25-2019 17	0	0	1.00	196.8	9.8	0.0	20.2	3.92	7.84	22.49424	0.000557	0.000651	9.408765
	02-25-2019 18	0	0	1.00	176.6	8.8	0.0	18.1	3.52	7.04	20.18538	0.0005	0.000584	8.443028
	02-25-2019 19	0	0	1.00	197.5	10.1	6.5	20.3	3.93	7.87	22.57425	0.000559	0.000653	9.442231
	02-25-2019 20	0	0	1.00	219.5	12.3	0.0	22.5	4.37	8.75	25.08885	0.000621	0.000726	10.49402
TRUE	02-25-2019 21	0	0	1.00	227.3	13.0	0.6	23.3	4.53	9.06	25.98039	0.000643	0.000752	10.86693
	02-25-2019 22	0	0	1.00	231.7	12.7	1.3	23.8	4.62	9.23	26.48331	0.000656	0.000766	11.07729
	02-25-2019 23	0	0	1.00	232.6	12.6	0.0	23.9	4.63	9.27	26.58618	0.000658	0.000769	11.12032
	Bi-Weekly Total Tons				2202.4	0.1	0.0	226.1	0.0	87.75	0.125869	3.12E-06	3.64E-06	0.052648
					mmBtu									

Note:

All data are collected and processed in accordance with Part 75.
Data with orange fill are substituted in accordance with Part 75.
Monthly sums may not agree with data published by EPA due to the handling of quarterly and annual totals.

Unit	Start-up	end of reporting period	Days	Unit Dispatched for Start-up	end of reporting period
1	2/22/19 12:54	2/25/19 23:59	3.46	2/22/19 12:54	2/25/19 23:59
Unit	Start-up	period	Days	for Start-up	period
2	2/22/19 12:51	2/25/19 23:59	3.46	2/22/2019 12:51	2/25/19 23:59

Cooling Water

Days
3.46

1 Pump OP

Days 1 Pump

2 Pump OP
2/22/2019 12:54

Days 2 Pump
3.46

Days
3.46

1 Pump OP

Days 1 Pump

2 Pump OP
2/22/2019 12:51

Days 2 Pump
3.46

<i>Total 1 Pump</i>	<i>Total 2 Pump</i>	<i>Check</i>	<i>Corrected Total Water Amount (Mgal)</i>
<i>Days</i>	<i>Days</i>		
0.00	3.46	3.46	494
			494 million gallons of Intake Circulating Water thru during the Unit 1 run during this period
<i>Days</i>	<i>Days</i>	<i>Check</i>	
0.00	3.46	3.46	

142.56 Mgal/day average for Unit 1

*Corrected Total
Water Amount
(Mgal)*

494

494 million gallons of Intake Circulating Water thru
during the Unit 2 run during this period

142.56 Mgal/day average for Unit 2

987 million gallons of Intake Circulating Water thru
through February 25

ough Unit 1 only



ough Unit 2 only



ough U2 & U1

Standley, Erica

From: Michael Regulinski <michael.regulinski@dominionenergy.com>
Sent: Wednesday, February 27, 2019 5:23 PM
To: 'The.Secretary@hq.doe.gov'; 'Catherine.Jereza@HQ.DOE.GOV';
'Katherine.Konieczny@HQ.DOE.GOV'; Hoffman, Patricia; Batra, Rakesh; Drake,
Christopher
Cc: 'casey.roberts@sierraclub.org'; evelyn.robinson@pjm.com; jennifer.mars@pjm.com;
David.Souder@pjm.com; Michael.Bryson@pjm.com; 'sanjay.narayan@sierraclub.org';
Mike Barmer; Mohammed Alfayyumi; Tam, Simon K.; Glazer, Craig; O'Hara, Chris;
Pincus, Steven; Mathew, Lagy; Moretti, Andrea, R
Subject: [EXTERNAL] Yorktown Units 1 and 2 Operations Report; Order No 202-18-6
Attachments: DOE report Feb 12 to Feb 25 2019.pdf; Copy of Yorktown Bi-Weekly Hourly Emissions
Data 20190212-20190225 with Operatin..._xlsx; YT12 Intake Circulating Water
Usage_Feb_2019_25 As Filed. xlsx.xlsx

Dear Secretary Perry:

PJM Interconnection, LLC and Virginia Electric and Power Company, dba Dominion Energy Virginia, respectfully submit the following in compliance with Order No 202-18-6: DOE Report Yorktown Units 1 and 2 Operations February 12 to February 25, 2019

Please contact me if you have any questions.

Michael C. Regulinski
Managing General Counsel

Dominion Energy Services, Inc.
teline: 738-2794
P: (804) 819-2794
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