

November 24, 2020 L-20-314

Department of Environmental Protection Bureau of Water Quality Management Attention: DMR Clerk 400 Waterfront Drive Pittsburgh, PA 15222

SUBJECT:

Beaver Valley Power Station Discharge Monitoring Report (NPDES) Permit No. PA0025615

Enclosed is the October 2020 NPDES Discharge Monitoring Report (DMR) for Energy Harbor Nuclear Corp, Beaver Valley Power Station (BVPS) in accordance with the requirement set forth in the site NPDES permit. Attachment 1 to this letter is supplemental monitoring data for Outfall 001 (dissolved oxygen).

A review of the data indicates no permit parameters were exceeded during the month, however the required sampling frequency at Outfall 001 was not met. BVPS NPDES Permit (PA0025615) requires continuous, measured flow at Outfall 001. Outfall 001 flowmeter equipment malfunction occurred on September 8, 2020 resulting in no available flow data for the months of September and October. Internal notification was generated for equipment repair; Repairs are in progress and shall complete prior to December 18, 2020.

Included with this report are two Supplemental Laboratory Accreditation Forms for analyses performed to support permit requirements as required by 25 Pa. Code § 252.

Should you have any questions regarding the attached and enclosed documents, please direct them to Amy Savage, at 724-682-7359.

Sincerely.

Mátthew J. Enos

General Plant Manager

IEZ5 NRR Beaver Valley Power Station, Unit Nos. 1 and 2 L-20-314 Page 2

Attachment(s):

1. Weekly Dissolved Oxygen Monitoring Results at Outfall 001

Enclosure(s)

- A. Monthly Discharge Monitoring Report
- B. Supplemental Lab Accreditation Forms

CC: Document Control Desk US NRC (Notife No new US NRC commitments are contained in this letter.)
US Environmental Protection Agency
Ms. Amanda Schmidt, PA DEP/Bureau of Water Quality Management

Discharge Monitoring Report Attachment for NPDES Permit No. PA0025615 Beaver Valley Power Station October 2020

ATTACHMENT 1

Weekly Dissolved Oxygen Monitoring Results at Outfall 001

The following supplemental dissolved oxygen monitoring data for Outfall 001 is provided as agreed.

SAMPLE DATE	SAMPLE TIME	VALUE	UNITS
10/04/2020	08:58 AM	8.00	mg/L
10/11/2020	12:10 AM	7.00	mg/L
10/18/2020	08:45 AM	8.00	mg/L
10/25/2020	11:40 AM	7.00	mg/L

- Attachment 1 END -



COMMONWEALTH OF PENNSYLVANIA DEPARTMENT OF ENVIRONMENTAL PROTECTION **BUREAU OF CLEAN WATER** DISCHARGE MONITORING REPORT (DMR)

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ENERGY HARBOR GENERATION LLC

ADDRESS:

76 S MAIN ST, AKRON OH, 44308

FACILITY:

FIRSTENERGY BEAVER VALLEY POWER STATION 1

LOCATION:

PA ROUTE 168, SHIPPINGPORT PA, 15977

STAGE:

Final Effluent

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Oliverty of O. Control of Control		VALUE	VALUE	UNITS	VALUE	VALUE	VALUE	UNITS	SAMPLING FREQUENCY	SAMPLING TYPE	
Dissolved Oxygen (00300)	Sample Measurement	***	***	***	***	8.0	***	mg/L	1/week		
	Permit Requirement	***	***	1	***	Monitor & Report	***			Grab	
pH (00400)						Daily Max			Menitor & Report	Monitor & Report	
pH (00400)	Sample Measurement	***	***	***	7.7	***	8.4	S.U.	1/week	Grab	
	Permit Requirement	***	***	1	6.0	***	9.0		1/week	*(b., z/s)	
Ammonia-Nitrogen (00610)	Sample Measurement	***			Inst Min		9.0 IMAX		1/WGEK	Grab	
(000 / O)	THE RESERVE OF THE PARTY OF THE			***	***	GG	GG	mg/L			
	Permit Requirement	***	***		***	Monitor & Report	Monitor & Report		1/week	Grab	
Clamtrol CT-1 (04251)	Sample Measurement	***	040	***	on married States product handpoor	Avg Mo	Daily Max			Gran	
, , , ,	Permit Requirement	***			***	GG	GG	mg/L			
	Pornit Requirement		-		***	.034	.034		See Permit	24-Hr Composite	
Flow (50050) Sample Measure	Sample Measurement	F	E CONTRACTOR OF THE PERSON NAMED IN	MGD	640 640	Avg Mo	Dally Max			E-1-III Composite	
	Permit Requirement	Monitor & Report	Monitor & Report	MGU	***			***		Carlos construed to 17-17 is called a to	
	Permit Requirement	Avg Mo	Dally Max						Continuous	Measured	
	Facility Parameter Comments	The continuous flow	mater at 001 was out	of service for the mer	eth of November. An	internal notification for	repairs has been gener	ated. The anticipat	ed return date for this equipment is 12/18/2020.	0.	
Total Residual Chlorine (TRC) (50060)	Sample Measurement	***	***	APP THE RESERVE THE PARTY AND	***	< .02				<u>tang pagtahan s</u>	
	Permit Requirement	***	***		•••	\$.02	< .02	mg/L	1/week	Grab	
			2.1			Avg Mo	1,25 IMAX		1/week	Grab	
Free Available Chlorine (50064)	Sample Measurement	***	KAN TANKE BANKS HOME	***	***	< .02	.06				
	Permit Requirement	***	***		***	3	, OB	mg/L	Continuous	Recorded	
						Avg Mo	Daily Max		Centinueus	Recorded	
	Facility Parameter Comments	10/1 and 10/2 when	the chlorine analyzer	was out of service. Co	ompensatory twice a	day grab sampling was	s conducted.	THE RESIDENCE OF THE PERSON NAMED IN			
Hydrazine (81313)	Sample Measurement	***	***	***	171	GG T	GG	mg/L			
	Permit Requirement	***	***		***	.007	.007	wer.			
Facility						Avg Me	Daily Max		1/week	Grab	
Facility Sampling Point Comments			SHARE THE REAL PROPERTY AND PERSONS NAMED IN	Children with Springer Street Street,	THE RESERVE AND DESCRIPTION OF THE PERSON NAMED IN COLUMN TWO	Mark Strategies and Market Strategies	THE RESIDENCE OF THE PARTY OF T	AND THE RESIDENCE OF THE PARTY			



COMMONWEALTH OF PENNSYLVANIA DEPARTMENT OF ENVIRONMENTAL PROTECTION **BUREAU OF CLEAN WATER**

DISCHARGE MONITORING REPORT (DMR)

NAME:

ENERGY HARBOR GENERATION LLC

ADDRESS:

76 S MAIN ST, AKRON OH, 44308

FACILITY:

FIRSTENERGY BEAVER VALLEY POWER STATION 1

LOCATION:

PA ROUTE 168, SHIPPINGPORT PA, 15077

STAGE:

Final Effluent

PA0025615 PERMIT NUMBER

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OUTFALL NUMBER

DAY

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Reporting Frequency: DMR Effective From: DMR Effective To:

Ne Discharge:

Monthly 10/01/2020

Permit Expires: Permit Application Due: 10/31/2020 12/27/2006 06/30/2006

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	FI. (54454)			AND I	ONITO	AWFOR	ANTOE	VALUE	UNITS	and and the assembly	SWAID FINE LIEE
	Flow (50050)	Sample Measurement	.006	.046	MGD	***	***	PPP	***	1/week	
	1	Permit Requirement	Monitor & Report	Monitor & Report	1	***	Andrew College State of the Co			1/WOOK	Estimate
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		VALUE	VALUE	UNITS	VALUE	VALUE	VALUE	UNITS	SAMPLING FREQUENCY	SAMPLING TYPE
Flow (50050)	Sample Measurement	.120	.138	MGD	***	***	***	***	2/month	Estimate
;	Permit Requirement	Monitor & Report Avg Mo	Monitor & Report Daily Max		***	410	***		2/month	Estimate
Facility Sampling Point Comments										

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		VALUE	VALUE	UNITS	VALUE	VALUE	VALUE	UNITS	SAMPLING FREQUENCY	SAMPLING TYPE
pH (00400)	Sample Measurement	***	A 9-9	***	### THE ALL PLANTS AND THE PARTY OF THE PART	***	***	-		
	Permit Requirement	***	***			CONTRACTOR DESCRIPTION OF THE PARTY OF THE P		S.U.		
					6.0 Inst Min	***	9.0 IMAX		1/week	Grab
Flow (50050)	Sample Measurement	***	***	MGD	***	***	***	***		
	Permit Requirement	Monitor & Report Avg Mo	Monitor & Report Daily Max		***	***	***		1/week	Measured
Total Residual Chlorine (TRC) (50060)	Sample Measurement	***	***	***	***		177	mg/L		
	Permit Requirement	***	***		### (F-10)		100	ma/r		
						Avg Me	1.25 IMAX		1/week	Grab
Free Available Chlorine (50064)	Sample Measurement	***	***	,***	4,4,4	and the second second	***	mg/L		
	Permit Requirement	\$4.5	***		Sheller, the recommendation of the contraction of the con-		en commencia de commencia	á.ř.		
						Ayg Mo	Dally Max		1/week	Grab
Facility Sampling Point Comments					A security has been been been been been been been bee					



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FACILITY:

FIRSTENERGY BEAVER VALLEY POWER STATION 1

LOCATION:

PA ROUTE 168, SHIPPINGPORT PA. 15077

STAGE:

Final Effluent

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Reporting Frequency:
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		VALUE	VALUE	UNITS	VALUE	VALUE	VALUE	UNITS	SAMPLING FREQUENCY	SAMPLING TYPE
Flow (50050)	Sample Measurement	.002	.016	MGD	***	***	***	***	1/week	Estimate
	Permit Requirement	Monitor & Report Avg Mo	Monitor & Report Daily Max		***	****	200		1/week	Estimate
Facility Sampling Point Comments				the last reason at the first state of the st		A STATE OF THE PARTY OF THE PAR				
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ENERGY HARBOR GENERATION LLC

NAME: ADDRESS:

76 S MAIN ST, AKRON OH, 44308

FACILITY:

FIRSTENERGY BEAVER VALLEY POWER STATION 1

LOCATION:

PA ROUTE 168, SHIPPINGPORT PA. 15077

STAGE:

Final Effluent

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		VALUE	VALUE	UNITS	VALUE	VALUE	VALUE	UNITS	SAMPLING FREQUENCY	SAMPLING TYPE
pH (00400)	Sample Measurement	***	***	***	***	***	***	S.U.		
	Permit Requirement	050	***		6.0 Inst Min	***	9.0 IMAX		1/week	Grab
Flow (50050)	Sample Measurement	***	,***	MGD	***	***	***	***		
	Permit Requirement	Monitor & Report Avg Mo	Monitor & Report Daily Max		44.0		***		1/week	Estimate
Total Residual Chlorine (TRC) (50060)	Sample Measurement	***	***	500	***	***	","	mg/L		
	Permit Requirement	***	200		197	.5 Avg Mo	1.25 IMAX		1/week	Grab
Free Available Chlorine (50064)	Sample Measurement	***	***	***	***	***	111	mg/L		
	Permit Requirement	***	***		129	Ayg Mo	.6 Dally Mex		1/week	Grab
Facility Sampling Point Comments					AND DESCRIPTION OF THE PERSON NAMED IN COLUMN					

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Reporting Frequency: DMR Effective From: DMR Effective To:

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		VALUE	VALUE	UNITS	VALUE	VALUE	VALUE	UNITS	SAMPLING FREQUENCY	SAMPLING TYPE
pH (00400)	Sample Measurement	***	***	***	***	9,4	111	Charles and the Control of the Contr		
	Permit Requirement	***	***	100		***		6.0.		
					Inst Min	,,,,,	0.0 XAMI		2/month	Grab
Total Suspended Solids (00530)	Sample Measurement	***	799	***	***	347	THE ST.			
	Permit Requirement	684	***		***	CONTROL AND AND ADDRESS OF THE PARTY OF	The contract of the contract	mg/L		AND THE PERSON OF THE PERSON O
					///	30.0 Avg Mo	100.0 Daily Max		2/month	Grab
Oil and Grease (00556)	Sample Measurement	***	***	111	***	(1)	E-mil Mark			
	Permit Requirement	***	223		591			mg/L		
					1	Avg Me	Delly Mex	: . [2/month	Grab
Flow (50050)	Sample Measurement	650	***	MGD	999	AND REAL PROPERTY.	Signif Gride			
	Permit Requirement	Monitor & Report	Monitor & Report		***		***	***		
Paul Carlo		Avg Mo	Daily Max			,,,	,,,	I	1/week	Estimate
Facility Sampling Point Comments		to an emiliance			OF STREET STREET, STRE		ember die spen jedenbyskenspelens beregen in	-		



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		VALUE	VALUE	UNITS	VALUE	VALUE	VALUE	UNITS	SAMPLING FREQUENCY	SAMPLING TYPE
pH (00400)	Sample Measurement	***	***	***	7.8	***	8.0	S.U.		
	Permit Requirement	***	***	1	6.0	***		9.0.	1/week	Grab
					Inst Min		9.0 XAMI	ł	1/week	Grab
Clamtrol CT-1 (04251)	Sample Measurement	3+0	***	999	***	66	66			
	Permit Requirement	111	***	-	***		A STATE OF THE PARTY OF THE PAR	mg/Ļ		:
						.034 Avg Mo	.034 Daily Max		Daily when Discharging	24-Hr Composite
Flow (60050)	Sample Measurement	6.48	6.76	MGD	***	***	, ,,,	755		
	Permit Requirement	Monitor & Report	Monitor & Report	1	***	341	***		1/week	Measured
		Avg Mo	Daily Max				100		1/week	Measured
Total Residual Chlorine (TRC) (50060)	Sample Measurement	***	595	,***	***	≤ .05	.08			
	Permit Requirement	***	***	1	***	7.00		mg/L	1Avesk	Grab
_				1		Avg Mo	1.25 IMAX		1/week	Grab
Free Available Chlorine (50064)	Sample Measurement	***	***	***	***	< .03	.05	ma/		
	Permit Requirement	***	***		***	2	00	mg/L	1/week	Grab
						Avg Mo	Daily Max		1/week	Grab
Facility Sampling Point Comments				The same of the sa			Brink Mills			

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PA ROUTE 168, SHIPPINGPORT PA, 15077

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No Discharge:

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PARAMETER		QUANTITY OR LOADING			Q	UANTITY OR S	ONCENTRATIO	N		
		VALUE	VALUE	UNITS	VALUE	VALUE	VALUE	UNITS	SAMPLING FREQUENCY	SAMPLING TYPE
Flow (60050)	Sample Measurement	.004	.004	MGD	,,,	**************************************	***	***	1/week	Falimale
	Permit Requirement	Monitor & Report Avg Mo	Monitor & Report Daily Max		***	***	***		1/week	Estimate
Facility Sampling Point Comments										

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FROM 2020 10 01 TO

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PARAMETER		QUANTITY OR LOADING				QUANTITY OR C	ONCENTRATIO	N		
		VALUE	VALUE	UNITS	VALUE	VALUE	VALUE	UNITS	SAMPLING FREQUENCY	SAMPLING TYPE
pH (00400)	Sample Measurement	***	***	***	6.3	***	8.3			
	Permit Requirement	981	311		60	***		s.u.	1/menth	Grab
					6.0 Inst Min	777	9.0 IMAX		1/month	Grab
Copper, Total (01042)	Sample Measurement	***	***	***	789	≤ .025	≤ .025	mg/L	2/month	Grab
	Permit Requirement	,,,,	***		***	Monitor & Report	Monitor & Report		2/month	Grab
Zinc, Total (01092)	Sample Measurement		***	***		Avg Mo	Daily Max			Grab
		***	***		The second secon	₹ .03	.04	mg/L	2/month	Grab
	Permit Requirement		***		***	1.5 Avg Mo	1.5 Daily Max		2/month	Grab
Flow (50050)	Sample Measurement	,001	.001	MGD	***	,444	a trape santary as and department of the	***		
	Permit Requirement	Monitor & Report	Monitor & Report		***	***	***		1/month	Estimate
		Avg Mo	Dally Max						1/month	Estimate
Total Dissolved Solids (70295)	Sample Measurement	***	200	999	,229	245	258	mg/L	2/month	Grab
	Permit Requirement	***	,,,,		***	Monitor & Report	Monitor & Report			
P. W. A. W.						Avg Mo	Daily Max		2/month	Grab
Facility Sampling Point Comments		- Andrews Contract						The state of the s		



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PARAMETER	1	QUA	NTITY OR LOA	DING		PUANTITY OR C	ONCENTRATIO			
		VALUE	VALUE	UNITS	VALUE	VALUE	VALUE	UNITS	Sampling Frequency	SAMPLING TYPE
pH (00400)	Sample Measurement	***	***	***	7.1	***	7.6	S.U.	1/week	
	Permit Requirement	900	***	1	6.0	***		9.9.		Grab
0 11 7 11 00000					Inst Min		9.0 IMAX		1/week	Grab
Cyanide, Total (00720)	Sample Measurement	***	***	***	***	< .01	≤ .01	mg/L	2/month	24-Hr Composite
	Permit Requirement	***	***		***	Monitor & Report Avg Mo	Monitor & Report Daily Max		2/month	24-Hr Composite
Chlorobenzene (34301)	Sample Measurement	***	***	***	***	< .001	≤ .001	mg/L	2/month	
	Permit Requirement	***	***	1	***	Meniter & Report	Monitor & Report	mgry.		24-Hr Composite
						Avg Mo	Daily Max	:	2/month	24-Hr Composite
Copper, Total (01042)	Sample Measurement	***	***	***	999	< .025	< .025	mg/L	2/menth	24-Hr Composite
	Permit Requirement	***	990	1	***	Monitor & Report	Monitor & Report		2/month	
40416					1	Avg Mo	Daily Max		2/month	24-Hr Composite
Flow (50050)	Sample Measurement	.002	.002	MGD	***	*99	100	100	2/month	Estimate
	Permit Regulrement	Monitor & Report	Monitor & Report		849	***	***	}.		Estimate
		Avg Mo	Dally Max						2/month	Estimate
Facility Sampling Point Comments		The second secon		THE RESERVE OF THE PARTY OF THE	AND DESCRIPTION OF STREET STREET, STRE	Control of the last of the las	AND REAL PROPERTY OF THE PARTY OF THE PARTY OF			



COMMONWEALTH OF PENNSYLVANIA DEPARTMENT OF ENVIRONMENTAL PROTECTION BUREAU OF CLEAN WATER DISCHARGE MONITORING REPORT (DMR)

NAME:

ENERGY HARBOR GENERATION LLC

ADDRESS:

76 S MAIN ST. AKRON OH. 44308

FACILITY:

FIRSTENERGY BEAVER VALLEY POWER STATION 1

LOCATION:

PA ROUTE 168, SHIPPINGPORT PA. 15077

STAGE:

Final Effluent

PA9925615 PERMIT NUMBER

10

YEAR MO

2020

FROM

191 OUTFALL NUMBER

DAY

YEAR MO

10 31

2020

DMR Effective Frem: DMR Effective Te: Permit Expires: Permit Application Due: Ne Discharge:

Reporting Frequency:

Monthly
10/01/2020
10/31/2020
12/27/2006
06/30/2006

PARAMETERS REPORTED VALUE

PARAMETER		QUANTITY OR LOADING				QUANTITY OR C	ONCENTRATIO	N		
		VALUE	VALUE	UNITS	VALUE	VALUE	VALUE	UNITS	SAMPLING FREQUENCY	SAMPLING TYPE
pH (00400)	Sample Measurement	***	***	***	***	AND DESCRIPTION OF THE PERSON	***	S.U.		
	Permit Requirement	***	244		6,0 Inst Min	***	9.0 IMAX		1/week	Grab
Total Suspended Solids (00530)	Sample Measurement	***	***	***	***	***	***	mg/L		
	Permit Requirement	***	823		***	30.0 Avg Mo	100.0 Daily Max		1/week	Composite
Oil and Grease (00556)	Sample Measurement	0.00	***	***	***	***	***	mg/L		
	Permit Requirement	***	Atta		***	15 Ayg Mo	20 Daily Max		1/week	Grab
Ammonia-Nitrogen (00610)	Sample Measurement	***	***	***	***	9 8 8	***	mg/L		
	Permit Requirement	***	***		250	Monitor & Report Avg Mo	Monitor & Report Daily Max		1/week	Grab
Flow (50050)	Sample Measurement	***	999	MGD	224	\$50 m. williams	***	***		
	Permit Requirement	Monitor & Report Avg Mo	Monitor & Report Bally Max		949	***	***		Continuous	Measured
Hydrazine (81313)	Sample Measurement	***	899	***	PRO TOTAL DE	257	Marine assessed mentions	mg/L		
	Permit Requirement	***	807		***	Monitor & Report Avg Mo	Meniter & Report Belly Mex		1/week	Grab
Facility Sampling Point Comments			AND DESCRIPTION OF THE PARTY OF	THE PERSON NAMED IN COLUMN 2 I	The Printer of the Parish	AND DESCRIPTION OF THE PERSON NAMED IN COLUMN TWO	AND THE PERSON NAMED IN COLUMN TWO IS NOT THE PERSON NAMED IN COLUMN TWO IS NAMED IN COLUMN	and the second second second		

MONITORING PERIOD

DAY

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COMMONWEALTH OF PENNSYLVANIA DEPARTMENT OF ENVIRONMENTAL PROTECTION BUREAU OF CLEAN WATER DISCHARGE MONITORING REPORT (DMR)

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ENERGY HARBOR GENERATION LLC

ADDRESS:

76 S MAIN ST, AKRON OH, 44308

FACILITY:

FIRSTENERGY BEAVER VALLEY POWER STATION 1

LOCATION:

PA ROUTE 168, SHIPPINGPORT PA, 15077

STAGE:

Final Effluent

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DE	TIME	114	ILAE	DEE	-

102 OUTFALL NUMBER

MO

10

DAY

31

Reporting Frequency: DMR Effective From: DMR Effective To: Menthly 10/01/2020 10/31/2020

MONITORING PERIOD

YEAR MO DAY YEAR
FROM 2020 10 01 TO 2020

Permit Expires:
Permit Application Due:
No Discharge:

10/31/2020		- :				
12/27/2006	and independent					200
06/30/2006	and the second second	-	: .			7
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PARAMETER		QUANTITY OR LOADING				QUANTITY OR C	CONCENTRATIO	N		
		VALUE	VALUE	UNITS	VALUE	VALUE	VALUE	UNITS	SAMPLING FREQUENCY	SAMPLING TYPE
pH (00400)	Sample Measurement	***	***	***	7.8	*** TO SEED TO SEED TO SEED TO	8.3	S.U.	2/month	0.000 May 100
	Permit Requirement	***	### CT 5 T CO T CO. ST.		CA CONTRACTOR OF THE PARTY OF T	and department of the passenger from a recompany	9.0	9.9.		Grab
					Inst Min		9.0 IMAX		2/month	Grab
Total Suspended Solids (00530)	Sample Measurement	***	434	A 2 2	### THE PERSON	≤ 15.3	26.6	mg/L	2/month	Grab
	Permit Requirement	***	534		499	30.0 Avg Mo	100,0 Daily Max		2/month	Grab
Oil and Grease (00556)	Sample Measurement	***	**/	***	***	≤ 5,1	< 5.1	mg/L	2/month	Grab
	Permit Requirement	***	***		***	15	ON THE RESERVE TO SERVE THE PARTY OF THE PAR			Grab
						Avg Mo	Daily Max		2/menth	Grab
Flow (50050)	Sample Measurement	.001	.001	MGD	***	AND DESCRIPTION OF THE PARTY OF	***	>40	2/month	Estimate
	Permit Regulrement	Monitor & Report Avg Me	Monitor & Report Daily Max		***	20.5	***		2/month	Estimate
Facility Sampling Point Comments				and the same of the same of						



COMMONWEALTH OF PENNSYLVANIA DEPARTMENT OF ENVIRONMENTAL PROTECTION BUREAU OF CLEAN WATER DISCHARGE MONITORING REPORT (DMR)

NAME:	ENERGY HARBOR GENERATION LLC
ADDRESS:	76 S MAIN ST, AKRON OH, 44308
FACILITY:	FIRSTENERGY BEAVER VALLEY POWER STATION 1
LOCATION:	PA ROUTE 168, SHIPPINGPORT PA, 15077
STAGE:	Final Effluent

F	A00256	15			103		Reporting Frequency:	Monthly			
PER	MIT NU	MBER		OUTF	ALL NU	MBER	DMR Effective From:	10/01/2020	-		
			d 	ACCUSATION OF THE PARTY OF THE			DMR Effective To:	10/31/2020	to the second of	· ·	THE RESERVE AND DESCRIPTION OF THE PERSON NAMED IN
		MONITO	ORING F	ERIOD			Permit Expires:	12/27/2006			mineral continuos estratorio di marcio
EAR	МО	DAY		YEAR	MO	DAY	Permit Application Due: No Discharge:	06/30/2006			
2020	10	01	Ŧ0	2020	40	94	ian Kibbuigide.				

PARAMETERS REPORTED VALUES

PARAMETER		QUANTITY OR LOADING			Q	UANTITY OR C	ONCENTRATIO	N		
		VALUE	VALUE	UNITS	VALUE	VALUE	VALUE	UNITS	SAMPLING FREQUENCY	SAMPLING TYPE
pH (00400)	Sample Measurement	***	444	***	7.2	***	7.8	s.u.	2/month	Grab
	Permit Requirement	***			6.0 Inst Min	9 2 3	9.0 IMAX		2/month	Grab
Total Suspended Solids (00530)	Sample Measurement	***	444	***	A S A S A S A S A S A S A S A S A S A S	< 4.0	< 4.0	mg/L	2/month	24-Hr Composite
	Permit Requirement	***	est.		***	30.0 Avg Mo	100.0 Daily Max		2/month	24-Hr Composite
Flow (50050)	Sample Measurement	.120	.138	MGD	477	101	***	***	1/day	Metered
	Permit Requirement	Moniter & Report Avg Mo	Menitor & Report Daily Mex		***	394	***		2/month	Estimate
Facility Sampling Point Comments		The second secon		The second state of			-			

FROM



COMMONWEALTH OF PENNSYLVANIA DEPARTMENT OF ENVIRONMENTAL PROTECTION BUREAU OF CLEAN WATER DISCHARGE MONITORING REPORT (DMR)

NAME:	ENERGY HARBOR GENERATION LLC
ADDRESS:	76 S MAIN ST, AKRON OH, 44308
FACILITY:	FIRSTENERGY BEAVER VALLEY POWER STATION 1
LOCATION:	PA ROUTE 168, SHIPPINGPORT PA, 15077
STAGE:	Final Effluent

	PA0025615	111	Reporting Frequency:	Monthly
	PERMIT NUMBER	OUTFALL NUMBER	DMR Effective From:	10/01/2020
			DMR Effective To:	10/31/2020
	MONITORING	PERIOD	Permit Expires:	12/27/2006
-	YEAR MO DAY	YEAR MO BAY	Permit Application Due:	06/30/5006
		The second	No Discharge:	A STATE OF THE STA

PARAMETER		THE RESERVE OF THE PERSON NAMED IN	NTITY OR LOA	DING		UANTITY OR C	ONCENTRATIO	N		
		VALUE	VALUE	UNITS	VALUE	VALUE	VALUE	UNITS	SAMPLING FREQUENCY	SAMPLING TYPE
pH (00400)	Sample Measurement	***	***	***	7.7	***	8.0	s.v.	1/week	
	Permit Requirement	***	***		6.0	***	The same of the sa	9.9.		Grab
					Inst Min	. "	0.0 XAMI		1/week	Grab
Total Suspended Solids (00530)	Sample Measurement	***	***	***	***	< 4.0	5 4.0	mg/L	1/week	0.1
	Permit Requirement	***	141		***	300	100.0			Grab
Oil and Grease (00556)						30.0 Ayg Mo	Daily Max		1/week	Grab
Oil and Grasse (00000)	Sample Measurement	***	***	***	,,,,	≤ 5.2	≤ 5.3	mg/L	1/week	Grab
	Permit Requirement	***	***		297	46	20		1/week	
Flow (50050)						Avg Mo	Daily Max		1/9666	Grab
riow (suppos)	Sample Measurement	.002	.002	MGD	***	***	107	777	1/week	P-11 1
	Permit Requirement	Monitor & Report	Monitor & Report		PTT	777 Orania	F11 Steman Laws	1	-9-994	Estimate
		Avg Mo	Dally Max		!				1/week	Estimate
Facility Sampling Point Comments				CHARLES OF SECURE AN ADDRESS	The second second second second	THE RESERVE OF THE PERSON NAMED IN	The state of the s			



COMMONWEALTH OF PENNSYLVANIA DEPARTMENT OF ENVIRONMENTAL PROTECTION **BUREAU OF CLEAN WATER** DISCHARGE MONITORING REPORT (DMR)

NAME:

ENERGY HARBOR GENERATION LLC

ADDRESS:

76 S MAIN ST, AKRON OH, 44308

FACILITY:

FIRSTENERGY BEAVER VALLEY POWER STATION 1

LOCATION:

PA ROUTE 168, SHIPPINGPORT PA. 15077

STAGE:

Final Effluent

PA0025615 PERMIT NUMBER

113 OUTFALL NUMBER

Reporting Frequency: DMR Effective From: DMR Effective To:

Permit Application Due:

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Permit Expires:

No Discharge:

Monthly 10/01/2020 10/31/2020 12/27/2006 06/30/2006

MONITORING PERIOD YEAR MO DAY

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FROM

2020

YEAR MO TO 2020

DAY 10 31

PARAMETER		QUANTITY OR LOADING			Q	UANTITY OR C	ONCENTRATIO	N		
		VALUE	VALUE	UNITS	VALUE	VALUE	VALUE	UNITS	SAMPLING FREQUENCY	SAMPLING TYPE
pH (00400)	Sample Measurement	***		***	***	***	***	S.U.		
	Permit Requirement	***	***		6.0 Inst Min	***	0.e XAMI	H. H.	2/month	Grab
Total Suspended Solids (00530)	Sample Measurement	***		***	***	***	***	mg/L		
	Permit Requirement	***	100		***	30.0 Ayg Mo	60.0 Daily Max		2/month	8-Hr Composite
Flow (60050)	Sample Measurement	101	707	MGB	777	344	***	***		
	Permit Requirement	.043 Ayg Me	Monitor & Report Daily Max		""	***	*"		1/week	Measured
Total Residual Chlorine (TRC) (50060)	Sample Measurement	***	***	***	***	***	***	mg/L		
	Permit Requirement	***	379		***	1.4 Ayg Mo	3,3 IMAX		2/month	Grab
Fecal Coliform (74055) (Oct-Apr)	Sample Measurement	PP9	***	049	999	***	***	No./100 ml		
	Permit Regulrement	***	***		***	2000 Geo Mean	***		2/menth	Grab
Carbonaceous Biochemical Oxygen Demand (CBOD5) (80082)	Sample Measurement	***	***	***	633	939	***	mg/L		
	Permit Requirement	***	090		***	26.0 Avg Mo	50.0 Dally Max		2/month	8-Hr Composite
Facility Sampling Point Comments	The second secon		CONTRACTOR OF CO				Terror Street,			



COMMONWEALTH OF PENNSYLVANIA DEPARTMENT OF ENVIRONMENTAL PROTECTION BUREAU OF CLEAN WATER DISCHARGE MONITORING REPORT (DMR)

NAME:

ENERGY HARBOR GENERATION LLC

ADDRESS:

76 S MAIN ST. AKRON OH. 44308

FACILITY:

FIRSTENERGY BEAVER VALLEY POWER STATION 1

LOCATION:

PA ROUTE 168, SHIPPINGPORT PA. 15077

STAGE:

Final Effluent

PA0025615 PERMIT NUMBER

10

203 OUTFALL NUMBER Reporting Frequency: DMR Effective Frem:

DMR Effective To:
Permit Expires:

Permit Application Due:

No Discharge:

Monthly

10/01/2020

10/31/2020 12/27/2006 06/30/2006

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YEAR MO

2020

DAY TO

MONITORING PERIOD

YEAR MO DAY TO 2020 10 31

PARAMETER		QUANTITY OR LOADING			6	UANTITY OR C	ONCENTRATIO	N		
		VALUE	VALUE	UNITS	VALUE	VALUE	VALUE	UNITS	Sampling Frequency	SAMPLING TYPE
pH (00400)	Sample Measurement	***	427	***	***	200	""	s.u.		
	Permit Requirement	***	224		6.0 Inst Min	,,,,	9.0 XAMI		2/month	Grab
Total Suspended Solids (00530)	Sample Measurement	***	***	***	***	624	***	mg/L		
	Permit Requirement	***	***		52.5	30.0 Avg Mo	60.0 Daily Mex		2/menth	8-Hr Composite
Flow (50050)	Sample Measurement	***	***	MGD	P P P	191	***	***		
	Permit Requirement	.023 Ayg Mo	Monitor & Report Dally Max		.,,	500	***		1/week	Measured
Total Residual Chlorine (TRC) (50060)	Sample Measurement	***	***	330	***	220	***	mg/L		
	Permit Requirement	690	***		,,,	1.4 Ayg Mo	3.3 IMAX		2/month	Grab
Fecal Coliform (74055) (Oct-Apr)	Sample Measurement	***	050	***	***	***	***	No./100 ml		
	Permit Requirement	***	***		***	2000 Geo Mean	***		2/menth	Grab
Carbonaceous Biochemical Oxygen Demand (CBOD5) (80082)	Sample Measurement	***	***	***	***	***	***	mg/L		
	Permit Requirement	***	***		***	25.0 Avg Mo	50.0 Daily Max	,,	2/month	8-Hr Composite



COMMONWEALTH OF PENNSYLVANIA DEPARTMENT OF ENVIRONMENTAL PROTECTION BUREAU OF CLEAN WATER DISCHARGE MONITORING REPORT (DMR)

NAME:	ENERGY HARBOR GENERATION LLC
ADDRESS:	76 S MAIN ST, AKRON OH, 44308
FACILITY:	FIRSTENERGY BEAVER VALLEY POWER STATION 1
LOCATION:	PA ROUTE 168, SHIPPINGPORT PA, 15077
STAGE:	Final Effluent

	F	A0025	515			211		Reporting Frequency:	Monthly	
	PER	UN TIM	MBER		QUTF	ALL NU	MBER	DMR Effective From:	10/01/2020	
				16°				DMR Effective To:	10/31/2020	
			MONIT	DRING	PERIOD	COLUMN TOWNS CONTROL		Permit Expires:	12/27/2006	
	YEAR	МО	DAY	and the second	YEAR	MO	DAY	Permit Application Due: Ne Discharge:	06/30/2006	
MG	2020	10	91	TO	2020	10	31	La minning Br.		

PARAMETER		The second second second second second	INTITY OR LOA	DING	6	UANTITY OR C	ONCENTRATIO	ON		
		VALUE	VALUE	UNITS	VALUE	VALUE	VALUE	UNITS	SAMPLING FREQUENCY	SAMPLING TYPE
pH (00400)	Sample Measurement	***	***	***	6.8	***	7.0	S.U.		
	Permit Requirement	***	3++	1	6.0	,,,	7,5	9.0	1/week	Grab
Total Control					Inst Min		IMAX	1	1/week	Grab
Total Suspended Solids (00530)	Sample Measurement	***	***	***	111	≤ 7.B	10.0	mg/L	1/week	
	Permit Requirement	***	155			30.0		1,100.5		Grab
Oil and Grease (00556)		***				Avg Mo	100.0 Daily Max		1/week	Grab
Oil and Greater (GODSE)	Sample Measurement	***	***	***	***	≤ 5.1	≤ 5.3	mg/L	1/week	
	Permit Requirement	***	***	1	***	15	20			Grab
Control of the second						Avg Me	Daily Max		1/week	Grab
Flow (50050)	Sample Measurement	.002	.002	MGD	***	***	***	***	1/week	
	Permit Requirement	Monitor & Report	Monitor & Report		***	200	***			Estimate
		Avg Mo	Dally Max					l .I	1/week	Estimate
Facility Sampling Point Comments										
		The second second second	The same of the same of the same of	THE RESERVE OF THE PARTY OF						The second secon



COMMONWEALTH OF PENNSYLVANIA DEPARTMENT OF ENVIRONMENTAL PROTECTION **BUREAU OF CLEAN WATER** DISCHARGE MONITORING REPORT (DMR)

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ENERGY HARBOR GENERATION LLC

ADDRESS:

76 S MAIN ST, AKRON OH, 44308

FACILITY:

FIRSTENERGY BEAVER VALLEY POWER STATION 1

LOCATION:

PA ROUTE 168, SHIPPINGPORT PA, 15077

STAGE:

Final Effluent

PA0025615 PERMIT NUMBER

FROM

213 **OUTFALL NUMBER**

Reporting Frequency: DMR Effective From: DMR Effective Te:

Monthly 10/01/2020 10/31/2020

MONITORING PERIOD YEAR MO DAY YEAR MO DAY 2020 10 61 TO 2020 10 31

Permit Expires: Permit Application Due: No Discharge:

2/27/2006	
06/30/2006	
7	

PARAMETER		QUA	NTITY OR LOA	DING	C	UANTITY OR	CONCENTRATIO	N		
		VALUE	VALUE	UNITS	VALUE	VALUE	VALUE	UNITS	SAMPLING FREQUENCY	SAMPLING TYPE
pH (00400)	Sample Measurement	***	***	***	***	***	***	S.U.		
	Permit Requirement	***	. ***	1	6.0			9.0		
					Inst Min		9.0 IMAX		2/menth	Grab
Total Suspended Solids (00530)	Sample Measurement	***	***	***	***	***	***	mg/L		
	Permit Requirement	***	***	1	799	30.0	100.0	may.		
						Avg Mo	Daily Max		2/month	Grab
Oil and Grease (00556)	Sample Measurement	***	***	553	7**	***	***	mg/L		
	Permit Requirement	***	***	1	ACTUAL TO SERVICE AND ADDRESS OF THE PARTY O	16	20	mg.		
5. (5.2.5.)						Avg Mo	Daily Max		2/month	Grab
Flow (50050)	Sample Measurement	***	***	MGD	***	***	***	***		
	Permit Requirement	Monitor & Report	Monitor & Report	1	***	***	A DE LA COLONIA	1	1/week	
Total Residual Chlorine (TRC) (50060)		Avg Mo	Dally Max						1/Week	Estimate
Total Residual Chlonne (TRC) (50080)	Sample Measurement	***	•••	***	***	900	***	mg/L		moreov remarkation of the state of
	Permit Requirement	***	***		***	.5	1.25		2/month	
Facility Sampling Point Comments						Avg Mo	1.25 IMAX		Evidente	Grab
r active camping Foint Comments					The second second second		Control of the Contro	Committee of the Commit		



COMMONWEALTH OF PENNSYLVANIA DEPARTMENT OF ENVIRONMENTAL PROTECTION **BUREAU OF CLEAN WATER** DISCHARGE MONITORING PERCET (DATE)

ISCHARGE	MONHORING	KEPOKT	(DMR)

NAME:

ENERGY HARBOR GENERATION LLC

ADDRESS:

76 S MAIN ST, AKRON OH, 44308

FACILITY:

FIRSTENERGY BEAVER VALLEY POWER STATION 1

LOCATION:

PA ROUTE 168, SHIPPINGPORT PA, 15077

STAGE:

Final Effluent

PA0025615 PERMIT NUMBER

YEAR

2020

FROM

OUTFALL NUMBER

Reporting Frequency: DMR Effective From:

Monthly 10/01/2020

DMR Effective To: Permit Expires:

10/31/2020 12/27/2006

Permit Application Due: MO DAY YEAR MO DAY Ne Discharge: 10 01 ŦΘ 2020

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06/30/2006

PARAMETERS REPORTED VALUES

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PARAMETER		QUANTITY OR LOADING			Q	WANTITY OR C	ONCENTRATIC	N	SAMPLING FREQUENCY	
		VALUE	VALUE VALUE		VALUE	VALUE	VALUE UNITS			SAMPLING TYPE
Total Suspended Solids (00530)	Sample Measurement	***	***	***	***	***	***	CONTRACTOR OF THE PERSON		
	Permit Requirement	***	***	4	**1	THE PERSON NAMED IN COLUMN 2 I		mg/L		
					1	30.0 Avg Mo	100.0 Daily Max		2/month	Grab
Oil and Grease (00556)	Sample Measurement	***	***	***	***	•••	***	mg/L	the second secon	
	Permit Requirement	***	***		***	15 Avg Mo	20 Daily Max		2/month	Grab
Flow (50050)	Sample Measurement	***	***	MGD	***	***	***	***		
	Permit Requirement	Monitor & Report Avg Mo	Monitor & Report Daily Max		***	***	•••		1/week	Estimate
Facility Sampling Point Comments			The same of the same of							
The second of th										

MONITORING PERIOD



COMMONWEALTH OF PENNSYLVANIA DEPARTMENT OF ENVIRONMENTAL PROTECTION BUREAU OF CLEAN WATER DISCHARGE MONITORING REPORT (DMR)

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N				

ENERGY HARBOR GENERATION LLC

ADDRESS:

76 S MAIN ST, AKRON OH, 44308

FACILITY:

FIRSTENERGY BEAVER VALLEY POWER STATION 1

LOCATION:

PA ROUTE 168, SHIPPINGPORT PA, 15077

STAGE:

Final Effluent

PA0025615 PERMIT NUMBER

10

01

YEAR MO DAY

2020

FROM

393 OUTFALL NUMBER

10 31

Reporting Frequency: DMR Effective From: Menthly 10/01/2020

DMR Effective To: Permit Expires: 10/31/2020 12/27/2006

Permit Application Due: No Discharge: 12/27/2006 06/30/2006

PARAMETERS REPORTED VALUES

PARAMETER		QUA	NTITY OR LOA	DING	C	NANTITY OR C	ONCENTRATIO	N		
		VALUE	VALUE	UNITS	VALUE	VALUE	VALUE	UNITS	SAMPLING FREQUENCY	SAMPLING TYPE
pH (00400)	Sample Measurement	***	***	***	***	***	***	S.U.		
	Permit Requirement	660	*45		6.0 Inst Min	***	9.0 IMAX	2,0	1/week	Grab
Total Suspended Solids (00530)	Sample Measurement	200	444	4.5.4	***	***	***	mg/L		
	Permit Requirement	669	445		***	30.0 Ave Mo	100.0 Daily Max	91	1/week	Grab
Oil and Grease (00556)	Sample Measurement		***	***	***	111	200	mg/L		
	Permit Requirement	***	+30		999	15 Avg Mo	20 Daily Max	mar.	1/week	Grab
Flow (50050)	Sample Measurement	***	4,49	MGĐ	***	***	tes to the same of	244		
	Permit Requirement	Monitor & Report Avg Mo	Monitor & Report Daily Mex		793	App to the state	***		1/week	Estimate
Facility Sampling Point Comments					and the same of th		CONTRACTOR DE LA CONTRA			

MONITORING PERIOD

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YEAR MO DAY

2020



COMMONWEALTH OF PENNSYLVANIA DEPARTMENT OF ENVIRONMENTAL PROTECTION BUREAU OF CLEAN WATER DISCHARGE MONITORING REPORT (DMR)

ENERGY HARBOR GENERATION LLC

ADDRESS:

76 S MAIN ST. AKRON OH. 44308

FACILITY:

FIRSTENERGY BEAVER VALLEY POWER STATION 1

LOCATION:

PA ROUTE 168, SHIPPINGPORT PA. 15077

STAGE:

Final Effluent

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DE	24	417	IIA	10.5	DE	9

313 OUTFALL NUMBER Reporting Frequency:
DMR Effective Frem:
DMR Effective Te:

Permit Expires:

Ne Discharge:

Permit Application Due:

Menthly
10/01/2020
10/31/2020
12/27/2006
06/30/2006

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 YEAR
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 DAY

 FROM
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YEAR MO DAY
TO 2020 10 31

PARAMETERS REPORTED VALUES

PARAMETER		QUA	NTITY OR LOA	DING	C	UANTITY OR C	ONCENTRATIO	N		
		VALUE	VALUE	UNITS	VALUE	VALUE	VALUE	UNITS	SAMPLING FREQUENCY	SAMPLING TYPE
pH (00400)	Sample Measurement	***	. ***	***	7.1	***	7.6	S.U.	1/week	Grab
	Permit Requirement	***	***		6.0 Inst Min	***	9.0 IMAX		1/week	Grab
Total Suspended Solids (00530)	Sample Measurement	409	455	***	*25	≤ 4.3	4.8	ma/L	1/wask	Grab
	Permit Requirement	***	888		Att	30.0 Avg Mo	100.0 Daily Mex		1/week	Grab
Oil and Grease (00556)	Sample Measurement	***	444	***	,***	< 5.1	€ 5.2	mg/L	1/week	Grab
	Permit Requirement	***	***		***	16 Avg Mo	20 Daily Max		1/week	Grab
Flow (50050)	Sample Measurement	.002	.002	MGD	b-i/e	Contract of the last of the la	***	.,	1/week	Estimate
	Permit Requirement	Monitor & Report Avg Mo	Monitor & Report Daily Max		+76	(44)	***		1/week	Estimate
Facility Sampling Point Comments										

MONITORING PERIOD



COMMONWEALTH OF PENNSYLVANIA DEPARTMENT OF ENVIRONMENTAL PROTECTION BUREAU OF CLEAN WATER DISCHARGE MONITORING REPORT (DMR)

NAME:	ENERGY HARBOR GENERATION LLC
ADDRESS:	76 S MAIN ST, AKRON OH, 44308
FACILITY:	FIRSTENERGY BEAVER VALLEY POWER STATION 1
LOCATION:	PA ROUTE 168, SHIPPINGPORT PA, 15077
STAGE:	Final Effluent

	P	A00256	315			401		Reporting Frequency:	Menthly
	PER	UN TIM	MBER		OUTF	ALL NU	MBER	DMR Effective From:	10/01/2020
				m*	NAME OF TAXABLE PARTY.			DMR Effective Te:	10/31/2020
	MONITORING PERIOD						-	Permit Expires:	12/27/2006
	YEAR	МО	DAY		YEAR	МО	DAY	Permit Application Due: Ne Discharge:	06/30/2006
MC	2020	10	01	ŦQ	2020	10	31		U

PARAMETER		QUA	NTITY OR LOA	DING	C	QUANTITY OR C	CONCENTRATIO	N	a binaries (And Consessed in States) has require beautiful in advances . See figure the large	
		VALUE	VALUE	UNITS	VALUE	VALUE	VALUE	UNITS	SAMPLING FREQUENCY	SAMPLING TYPE
pH (00400)	Sample Measurement	***	***	***	8.2	***	8.3	S.U.	2/month	Grab
	Permit Requirement	***	***	1	6.0	***	Monitor & Report	8,50		
					Inst Min		IMAX IMAX		2/month	Grab
Total Suspended Solids (00530)	Sample Measurement	***	***	***	***	€ 4.0	< 4,0	mg/L	2/month	Grab
	Permit Requirement	***	***	1	***	30.0	100.9		2/month	
All John Market						Avg Mo	100,9 Daily Max		Zmonti	Grab
Oil and Grease (00556)	Sample Measurement	***	*;*	***	797	≤ 5.2	≤ 5.2	mg/L	2/month	Grab
	Permit Requirement	***	***	1	141	45	26		2/month	No. in the second secon
						Avg Mo	Daily Max		Kimbun	Grab
Flow (50050)	Sample Measurement	.001	.001	MGB	***	644	***	599	1/week	Estimate
	Permit Regulrement	Monitor & Report	Menitor & Report	1	675	956	**************************************		1/week	377
		Avg Me	Daily Max						1/week	Estimate
Facility Sampling Point Comments								SANO MANAGEMENT OF THE PARTY OF		



COMMONWEALTH OF PENNSYLVANIA DEPARTMENT OF ENVIRONMENTAL PROTECTION BUREAU OF CLEAN WATER DISCHARGE MONITORING REPORT (DMR)

MONITORING PERIOD

YEAR MO DAY

2020

MO DAY

01 TO

NAME:

ENERGY HARBOR GENERATION LLC

ADDRESS:

76 S MAIN ST. AKRON OH. 44308

FACILITY:

FIRSTENERGY BEAVER VALLEY POWER STATION 1

LOCATION:

PA ROUTE 168, SHIPPINGPORT PA, 15077

STAGE:

Final Effluent

PA0025615 PERMIT NUMBER

10

YEAR

2020

FROM

493 OUTFALL NUMBER

10

31

Reporting Frequency: DMR Effective From: Monthly 10/01/2020

10/01/2

DMR Effective To: Permit Expires: 10/31/2020 12/27/2006

Permit Application Due:

06/30/2006

No Discharge:

 \square

PARAMETER	. 1.	QUA	NTITY OR LOAD	DING		UANTITY OR C	ONCENTRATIO	N		The Spirit Law Section Services Control of Co. 11
		VALUE	VALUE	UNITS	VALUE	VALUE	VALUE	UNITS	SAMPLING FREQUENCY	SAMPLING TYP
pH (00400)	Sample Measurement	***	***	***	***	***	***	S.U.		
	Permit Requirement	***			6.0 Inst Min	***	9.0 IMAX		1/week	Grab
Total Suspended Solids (00530)	Sample Measurement	***	***	***	***	***	***	mg/L		
	Permit Requirement	***	555		777	30.6 Ayg Mo	100.0 Paily Max		1/week	Grab
Oil and Grease (00556)	Sample Measurement	***	***	***	Vist.	***	***	mg/L		
WICHES SON STIMMOTORISM	Permit Requirement	***	350		,,,	45 Avg Mo	20 Delly Mex		1/week	Grab
Ammonia-Nitrogen (00610)	Sample Measurement	***	***	81.5	""	307	744	mg/L		
	Permit Requirement	***	220		***	Monitor & Report Ayg Mo	Menitor & Report Pally Max		1/week	Grab
Clamtrol CT-1 (04251)	Sample Measurement	***	***	990	P\$0	***	***	mg/L		
	Permit Regulrement	***	***		999	001 Ayg Mo	.001 Dally Max		Daily when Discharging	24-Hr Composite
Flow (50050)	Sample Measurement	***	637	MGD	***	***	***	F39		
	Permit Requirement	Monitor & Report Avg Mo	Monitor & Report Dally Max		***		<i>"</i>	-	1/weok	Estimate
Total Residual Chlorine (TRC) (50060)	Sample Measurement	***	***	***	***	***	***	mg/L		
	Permit Requirement	***	***		**,	6 Avg Mo	1.25 IMAX		1/week	Grab
Hydrazine (81313)	Sample Measurement	***	***	***	***	***	***	mg/L		
	Permit Requirement	***	444		***	.001 Avg Mo	.001 Daily Mex		1/week	Grab
Facility Sampling Point Comments		The second secon	CHARLES OF MANAGEMENT STREET, ST.			The state of the s	Erina Winy			



COMMONWEALTH OF PENNSYLVANIA DEPARTMENT OF ENVIRONMENTAL PROTECTION BUREAU OF CLEAN WATER DISCHARGE MONITORING REPORT (DMR)

		_	

ENERGY HARBOR GENERATION LLC

ADDRESS:

76 S MAIN ST, AKRON OH, 44308

FACILITY:

FIRSTENERGY BEAVER VALLEY POWER STATION 1

LOCATION:

PA ROUTE 168, SHIPPINGPORT PA, 15077

STAGE:

Final Effluent

PA0025615 PERMIT NUMBER

413 OUTFALL NUMBER Reporting Frequency:
DMR Effective From:
DMR Effective To:

Permit Expires:

Monthly 10/01/2020 10/31/2020 12/27/2006

MONITORING PERIOD

YEAR MO DAY 2020 10 01 TO

YEAR MO DAY
2029 18 31

Permit Application Due: No Discharge: 06/30/2006

PARAMETER		The Real Property lies and the Real Property lie	NTITY OR LOA	DING	Q	UANTITY OR C	ONCENTRATIC	N		
		VALUE	VALUE	UNITS	VALUE	VALUE	VALUE	UNITS	Sampling Frequency	SAMPLING TYPE
pH (00400)	Sample Measurement	***	***	***	***	***	***	S.U.		
	Permit Requirement	***	244	1	6.0 Inst Min	*2*	9,0 IMAX	9,9,	1/week	Grab
Total Suspended Solids (00530)	Sample Measurement	***		***	***	***	***	mg/L		
	Permit Requirement	***	***		,000	36.6 Ayg Mo	100.0 Delly Mex	- 7	1/week	Grab
Oil and Grease (00556)	Sample Measurement	***	***	***	***	***	'''	mg/L		
	Permit Requirement	***	67.9		5.89	15 Ayg Mo	20 Daily Max		1/week	Grab
Flow (50050)	Sample Measurement	***	49.5	MGD	***	347	P##	229		
	Permit Requirement	Monitor & Report Avg Mo	Monitor & Report Dally Mex		***	393	***		2/month	Estimate
Facility Sampling Point Comments			Access to the second							



COMMONWEALTH OF PENNSYLVANIA DEPARTMENT OF ENVIRONMENTAL PROTECTION **BUREAU OF CLEAN WATER**

DISCHARGE MONITORING REPORT (DMR)

NAME:

ENERGY HARBOR GENERATION LLC

ADDRESS:

76 S MAIN ST, AKRON OH, 44308

FACILITY:

FIRSTENERGY BEAVER VALLEY POWER STATION 1

LOCATION:

PA ROUTE 168, SHIPPINGPORT PA, 15077

STAGE:

Final Effluent

PERMIT NUMBER MONITORING PERIOD

> YEAR MO DAY

2020

FROM

PA0025615

10

01

501 **OUTFALL NUMBER**

> 10 31

YEAR MO DAY

2020

Reporting Frequency: DMR Effective From: DMR Effective To:

Monthly 10/01/2020 10/31/2020

Permit Expires:

Permit Application Due: No Discharge:

12/27/2006 06/30/2006

PARAMETERS REPORTED VALUES

PARAMETER		THE RESIDENCE OF THE PERSON NAMED IN COLUMN 2 IS NOT THE OWNER, THE PERSON NAMED IN COLUMN 2 IS NOT THE OWNER,	NTITY OR LOA	DING	QUANTITY OR CONCENTRATION				CAMPI INC EDECUENCY		
		VALUE	VALUE	UNITS	VALUE	VALUE	ALUE VALUE UNITS		SAMPLING FREQUENCY	SAMPLING TYPE	
Total Suspended Solids (00530)	Sample Measurement	***	417	***	***	***	***	mg/L			
	Permit Requirement	***	***		***	30.0 Avg Mo	190.0 Delly Mex		1/week	Grab	
Flow (50950)	Sample Measurement	***	***	MGD	***	***	999 695	***		Management of the second secon	
	Permit Regulrement	Monitor & Report Avg Mo	Monitor & Report Bally Mex		***		***		1/week	Estimale	
Facility Sampling Point Comments			Married World Company of the Company	PHONE SHARE SHARE	A STATE OF THE PARTY OF THE PAR						

TO.



COMMONWEALTH OF PENNSYLVANIA DEPARTMENT OF ENVIRONMENTAL PROTECTION BUREAU OF CLEAN WATER DISCHARGE MONITORING REPORT (DMR)

ATTACHMENT DETAILS

File Name			
10.2020 Cover Letter.pdf	Attachment Type	Uploaded Time	Attechment Comments
	Cover Letter	2020-11-25708:27:23-05:00	Ostober 2020 Cover Letter and Attachment 1- DO Monitoring
_10.2020 Lab Accreditation.pdf	Laboratory Accreditation Form	2020-11-26708:28:22-05:00	The state of the s
DEDINE MAN ATTANA			

PERMIT VIOLATIONS

Non-Compliance ID	Event Start Date	Event End Date	Parameter	Limit Type	Reported Value	Permit Limit	Unit	Sampling Point	Cause Of Non-Compliance	Corrective Action	
				Control of the last of the las		THE RESERVE AND ADDRESS OF THE PERSON NAMED IN		A STATE OF THE PARTY OF THE PAR	R. R. E. S. L. and A. R. Better Gericken Solid	enuneran Wengu	Comments

UNAUTHORIZED DISCHARGES

Non-Compliance ID Event Start Date Event End Date Dete and Time Discovered	Substance Event Location Discharged	Volume (gal) Duration (hrs)	Receiving Waters Impact On Waters	Gause Of Discharge	Sate and Time BEP Notified	Comments
					Orally	Záraminitá

OTHER PERMIT VIOLATIONS

Non-Compliance ID	Non-Compliance Type	Sempling Point	Perameter	Reported Value	Permit Limit	
125595	Use of NODI Code E or FF	Final Effluent (661)	Flow	111101111111111111111111111111111111111		Comments
					Monitor & Report	BVPS NPDES Parmit (PA0025615) requires continuous, measured flow Outfall 001. The Outfall oil flowmeter was in service through September 7, 2020. Flowmeter equipment mafunction oscurred on September 8, 2020 resulting in on available flow destination was generated for equipment repair. Repairs are in progress and scheduled complete prior to December complete prior to December
125596	Use of NODI Code E or FF	Final Effluent (001)	Flow			18, 2020.
				E	Monitor & Report	BVPS NPDES Permit (PA0025615) requires continuous, measured flow or Outfall 001. The Outfall outfall 001. The Outfall outfall 001. The Outfall flowmeter was in service through September 7, 2020. Flowmeter equipment maffunction occurred on September 8, 2020 resulting in on available flow data for the rest of September and October. Internal notification was generated for equipmer repair. Regalars are in progress and scheduled comdeted prior to December

COMMENT DETAILS

Comments					
	Operator Name	Operator Certification	Mumber	STATE OF THE PERSON NAMED IN COLUMN 2 IS NOT THE OWNER.	
		Oberein Settinication	sentunal.	Operator Conta	act Number
		Annual Control of the	THE PERSON NAMED IN COLUMN TWO PARTY AND ADDRESS OF THE PERSON NAMED IN COLUMN TWO IS NOT THE PERSON NAMED IN COLUMN TWO IS NAMED IN COLU	Control of the last of the las	TA CALL

SUBMISSION INFORMATION

THE STATE OF THE S	Pursuant to the Pennsylvania Electronic Transactions Act - Act 69, effective January 15, 2002, yeu are about to engage in an electronic transaction with the Commonwealth of Pennsylvania. You are submitting efficial information. You certify under penalty of law that this document and all attachments were prepared under your direction or supervision in accordance with a	Matthew Free	ŦĔĻĒPHŌ	NE		DATE		
	the person or persons who manage the system of these persons educate the information submitted. Based on your inquiry of		(724)	682-7773	2020	11	25	1
		SUBMITTED BY FULL NAME	AREA CODE	NUMBER	YEAR	MO	DAY	



COMMONWEALTH OF PENNSYLVANIA DEPARTMENT OF ENVIRONMENTAL PROTECTION BUREAU OF WATER STANDARDS AND FACILITY REGULATION

SUPPLEMENTAL LABORATORY ACCREDITATION FORM¹

Permittee Name:	mittee Name: Energy Harbor Nuclear Operating Company								
Address:	P.O. Box 4								
	Beaver Vall	ey Power Station							
	PERMIT N	MONITORING PERIOD Year/Month/Day							
PA0025615			2020	10	01	то	2020	10	31
PARAMET	ED	ANALYSIS METHOD							
	Total Residual Chlorine SM 4500-		LAB NAME Beaver Valley Power Station			04-2742			
Free Available (Chlorine	SM 4500-CL G [20 th]		Beaver Valley Power Station			04-2742		
рН	pH SM 45		Beaver Valley Power Station				04-2742		
Temperatu	ıre	SM 2550 B [20 th]	Beaver Valley Power Station		04-2742				
Flow	w NA		Beaver Valley Power Station				04-2742		
Total Suspended S	olids (TSS)	SM 2540 D [20 th]	Beaver \	/alley Powe	r Station	04-2742			
Quaternary Amine 0	Compounds	Photometric Determination	Beaver Valley Power Station			04-2742		Anna de la constante de la con	
		½-CHM-ANA-4.23H							
Bentonite Detoxicant Estimated using feed rate and discharge flow rate pe NPDES Permit PA0025645		Estimated using feed rate and discharge flow rate per NPDES Permit PA0025645	Beaver Valley Power Station		04-2742				
Hydrazine	9	ASTM D1385-01	Beaver Valley Power Station 04-			4-2742			

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibly of fine and imprisonment for knowing violations.

Name/Title Principal Executive Officer

Phone: 724-682-7773

Signature of Principal Executive Officer or

Authopized Agent

Matthew J. Enos General Plant Manager

Date: 11/21/2020

1 Submit this form with the first Discharge Monitoring Report (DMR), Annual Report or Recordkeeping and Beporting Form, where sample results are submitted to the Department for compliance purposes. You do not need to send this form to the Department again UNLESS there has been a change to the lab or method of analysis.

² For parameter(s) covered under accreditation-by-rule, submit the lab's registration number in lieu of an accreditation number.



COMMONWEALTH OF PENNSYLVANIA DEPARTMENT OF ENVIRONMENTAL PROTECTION BUREAU OF WATER STANDARDS AND FACILITY REGULATION

SUPPLEMENTAL LABORATORY ACCREDITATION FORM¹

Address: P.O. Box 4 Shippingport.	Power Station	any					•				
Shippingport,	Power Station										
	Power Station										
Beaver Valley											
	MBER	T									
PERMIT NUI			MONITORING PERIOD Year/Month/Day								
PA00256	2020	10	01	то	2020	10	31				
PARAMETER	ANALYSIS METHOD		LAB NAME			LABI	D NUMBE	R ²			
Zinc	EPA 200.7 Rev 4.4	Test America-Pittsburgh Lab			02-00416						
Copper	EPA 200.7 Rev 4.4	Test Ame	erica-Pittsb	urgh Lab	02-00416						
Iron	EPA 200.7 Rev 4.4	Test America-Pittsburgh Lab				02-00416					
Chromium	EPA 200.7 Rev 4.4	Test America-Pittsburgh Lab				02-00416					
Ammonia	SM 4500 NH3 F	Test America-Pittsburgh Lab				02-00416					
Cyanide	SM 4500-CN E	Test America-Pittsburgh Lab				02-00416					
Chlorobenzene	EPA 624	Test America-Pittsburgh Lab			02-00416						
Oil and Grease	EPA 1664 Rev A	Test America-Canton Lab			68-00340						
Copper	EPA 200.8	Test America-Pittsburgh Lab			02-00416						
Total Dissolved Solids (TDS) SM 2450 C		Test America-Pittsburgh Lab			02-00416						
Oil and Grease	EPA 1664 Rev A	Test America-Lancaster PA Lab		36-00037							
	* 2012 EPA Method Update Rule (MUR) no longer cites Standard Method editions										

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibly of fine and imprisonment for knowing violations.

Name/Title Principal Executive Officer

Phone: <u>724-682-7773</u>

Signature of Principal Executive Officer or Authorized Agent

Matthew J. Enos General Plant Manager

Date:

11/2x/2020

¹ Submit this form with the first Discharge Monitoring Report (DMR), Annual Report or Recordkeeping and Reporting Form, where sample results are submitted to the Department for compliance purposes. You do not need to send this form to the Department again UNLESS there has been a change to the lab or method of analysis.

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