Homer City Generation, L.P. 1750 Power Plant Road Homer City, PA 15748

07/31/2025

VIA Electronic Submittal - Email

David Balog
Environmental Engineer Manager
Pennsylvania Department of Environmental Protection
Northwest Regional Office
230 Chestnut Street
Meadville, PA 16335

Re: Homer City Generating Station

Title V Permit No. 32-00055

Application for Emission Reduction Credits

Dear Mr. Balog:

Enclosed for the Department's review and approval is a revised Emission Reduction Credit (ERC) Registry Application for the Homer City Generating Station. This is submitted in response to the Department's July 7th letter requesting that the NOx ERCs be recalculated taking into account the facility-wide 30-day rolling average emission limit in addition to the unit daily mass limits as established in the Federal Implementation Plan issued by the U.S. EPA (87 Fed. Reg. 53381, August 31, 2022). As a result of this recalculation, the requested NOx ERCs has decreased from 2,436.3 to 2,031.8 tons. The VOC and PM2.5 ERCs remain unchanged from the previous ERC application. The emissions data used to calculate the ERCs are the same data that were submitted to the Air Emissions Inventory and are available in that database.

Please do not hesitate to call or email Gary Cline or me if you have any questions or require any additional information.

Sincerely,

Michael Levesque

Chief Operating Officer



COMMONWEALTH OF PENNSYLVANIA DEPARTMENT OF ENVIRONMENTAL PROTECTION BUREAU OF AIR QUALITY

Emission Reduction Credit (ERC) Registry Application

- This ERC Registry Application may be used by a major or non-major facility.
- ERCs may be created only if the ERC Registry Application is filed within one year of actual emission reductions.
- Read instructions for the ERC Registry Application prior to completing this form.

Section 1 - Identity and Location of Air Contamination Source					
1A. Facility/Corporation Information					
Facility Name:	Facility Address:				
HOMER CITY GENERATION LP/ CENTER TWP	1750 Power Plant RD, Homer City PA 15748-8009				
Telephone Number: (724) 479-6255	Fax Number:				
1B. Facility Operation					
(Complete if operator is di	fferent from company)				
Operator's Name: Homer City Generation LP	Company Address:				
	1750 Power Plant RD, Homer City PA 15748-8009				
Federal ID Number: 80-0833693					
Telephone Number: (724) 479-6255	Fax Number:				
1C. Plant/Facility Information					
Plant Name: Homer City Power Plant	Plant Address:				
	1750 Power Plant RD, Homer City PA 15748-8009				
Federal ID Number: 80-0833693					
Telephone Number: (724) 479-6255	Fax Number:				
Municipality/Township: Center Township	County: Indiana County				
1D. Facility Type					
Major Facility Non-Major Facility	Permit No. (Title V): 32-00055				
1E. Contact Person for this Application					
Name: Gary Cline	Mailing Address:				
-	1750 Power Plant RD, Homer City PA 15748-8009				
Title: Director, Compliance					
Telephone Number: (724) 388-4168	Fax Number:				
1F. Certification Statement					

I, Michael Levesque, certify under penalty of law as provided in 18 Pa. C.S.A. § 4904 and 35 P.S.

§ 4009(b)(2)) that I am authorized to make this Certification on behalf of the facility identified in this application and based on information and belief formed after reasonable inquiry, the statements and information in this application are true, accurate and complete. I further certify that the emission reductions will be maintained as set forth in this application and that the emission reductions were not previously used in netting transactions, alternative emissions limitations, acid rain allowances or to generate other emission reduction credits.

Signature

Chief Operating Officer
Title

Date

7/31/2025

Section 2 - ERC-Generating Source Information

Provide the following information for the ERC-generating source

2A. Type of Source: Pulverized Bituminous Coal-fired	2B. Plan Approval\Permit Number: 32-00055				
Combustion Unit	Note: A permit is required for any source that is continuing to operate				
2C. Manufacturer of Source:	2D. Model Number: Reheat OTU				
Foster Wheeler					
2E. Date of Installation of the Source: 08/04/1969	2F. Air Cleaning Device: ACI, ESP, SCR, Dry SOx Scrubber, and Fabric Filters				
2G. Source ID/Designation: 031	2H. Hourly Rated Capacity: 6,792 mmBtu/hr				
2I. Annual Throughput: N/A	2J. Other Information: See Attachments				
Section 3 - ERC Gene	eration Techniques				
Check appropriate box(es) to identify ap	plicable ERC-generating technique(s)				
Shutdown of a source at an existing facility					
Shutdown of an existing facility					
Permanent curtailment of production or operation hours					
☐ Improved control measures including improved control of fugitive emissions					
☐ Installation of an air pollution control devise beyond regulatory requirements					
Use of lower volatile organic compound (VOC) coatings than required					
☐ New technology and/or materials (not required by applicable law)					
Process equipment modifications (not required by applicable law)					
☐ Incidental emissions reduction of nonhazardous air pollutants					
Economic Incentive Program					
Other:					
Section 4 - Intend	ad use of FDCs				
Check appropriate box(es) to s					
Cheek appropriate oox(es) to s	peerly interiord use of Erecs				
Netting/Offsetting ■ Netting/Offs					
■ Banking/Trading/Selling Purposes					
Section 5 – Emissions Rec	duction Initiation Date				

Actual/Expected Date of Initiation of Emission Reduction: July 2023

Section 6 - Baseline Emission Rate Summary

Baseline emission rate (expressed in lbs/hr or tons/yr) is based on the lower of actual or allowable emissions calculated over two (2) calendar years immediately preceding the reduction unless otherwise approved by the Department.

Calendar Year	Hours of	VOC			Ox	OtherI	
2021	Operation	lbs/hr	TPY 4.8	lbs/hr	TPY	lbs/hr	TPY 86.1
2021	3,625				1,467.6		
2022	3,195		4.0		994.8		71.8
Average:	3,410		4.4		1,231.2		78.9
Average Actual Emicorrected with applications * *RACT/MACT/LAER/Ba	able SIP		4.4		635.8 (calculate as a production FIP limits a actual operations	ct of and	78.9
Revised Allowable E			0		0		0
after emission reduct Available ERCs:	ions:		4.4		635.8		78.9
Emission rates after	raduation						
VOC: 0 Lbs/Hour 0 Tons/Year NOx: 0 Lbs/Hour 0 Tons/Year Other: 0 Lbs/Hour 0 Tons/Year Do the above baseline emission estimates agree with emission statements submitted for PEDS/AIMS and any fees that have been paid, if applicable? ▼Yes No If "No", submit request to amend emissions inventory along with this application. Is the facility subject to any proposed maximum achievable control technology standards for hazardous air pollutants (MACT)? If yes, specify federal citation including Subpart. ▼Yes Subpart: 40 CFR Table 2 To Subpart UUUUU of Part 63 No							
Check appropriate l	oox(es) for met	thod(s) used to	determine	the baseline en	nission rate. A	ttach copies	of source tests,
summaries of record	ls, measureme	ents or calculat	ion method	s used to estim	ate the baselin	e emissions.	
summaries of records, measurements or calculation methods used to estimate the baseline emissions. Performance test data on same unit							
Performance tes							
_							
		_	ntees				
☐ Equipment vend ☐ Emission factors		_					
AP-42 Emission		Table Numbe					
<u>_</u>	EPA Test Data Document						
Utner:							

Section 8 - Emission Characteristics

Provide the following information to determine the ambient impact of the emissions reduction

(a) Hours of Operation: Average of 3,410 hours per year during CYs 2021 and 2022	(b) Hourly Rate (specify unit): Maximum of 6,792 mmBtu/hr
(c) Stack Height (from ground level): 800 Feet	(d) Stack Inside Diameter: 24 feet
(e) Exhaust Volume: 2,318,346 ACFM	(f) Exhaust Temperature: 165°F
(g) Seasonal Period (months) Operated:N/A to	
Is the affected source in compliance with all applicable requiremed. Yes No If "No", attach a list of the violation(s), date(s)	ents? (s) and location(s) specified in the Notice of Violation.
List all attachments provided to evaluate this ERC Registry Appl Actual PM2.5, VOC, and NOx reported in the 2021 and 2022 AEI	

Section 2 - ERC-Generating Source Information

Provide the following information for the ERC-generating source

2A. Type of Source: Pulverized Bituminous Coal-fired Combustion Unit	2B. Plan Approval\Permit Number: 32-00055 Note: A permit is required for any source that is continuing to operate			
2C. Manufacturer of Source:	2D. Model Number: Reheat OTU			
Foster Wheeler				
2E. Date of Installation of the Source: 04/25/1970	2F. Air Cleaning Device ACI, ESP, SCR, Dry SOx Scrubber, and Fabric Filters			
2G. Source ID/Designation: 032	2H. Hourly Rated Capacity: 6,792 mmBtu/hr			
2I. Annual Throughput: N/A	2J. Other Information:			
Section 3 - ERC Gen	neration Techniques			
Check appropriate box(es) to identify a	pplicable ERC-generating technique(s)			
Shutdown of a source at an existing facility				
Shutdown of an existing facility				
Permanent curtailment of production or operation hours				
Improved control measures including improved control of fugitive emissions				
Installation of an air pollution control devise beyond regulatory requirements				
Use of lower volatile organic compound (VOC) coatings than required				
☐ New technology and/or materials (not required by applicable law)				
Process equipment modifications (not required by applic	able law)			
☐ Incidental emissions reduction of nonhazardous air pollu	itants			
Economic Incentive Program				
Other:				
Section 4 - Intended use of ERCs Check appropriate box(es) to specify intended use of ERCs				
Netting/Offsetting				
☐ Banking/Trading/Selling Purposes				
Section 5 – Emissions Reduction Initiation Date				
Actual/Expected Date of Initiation of Emission Reduction: Ju	uly 2023			

Section 6 - Baseline Emission Rate Summary

Baseline emission rate (expressed in lbs/hr or tons/yr) is based on the lower of actual or allowable emissions calculated over two (2) calendar years immediately preceding the reduction unless otherwise approved by the Department.

Calendar Year	Hours of	VOC	C	NOx		Other: PM2.5	
	Operation	lbs/hr	TPY	lbs/hr	TPY	lbs/hr	TPY
2021	3,212		4.5		734.5		68.6
2022	1,027		1.2		398.3		8.9
Average:	2,120		2.8		566.4		38.7
Average Actual Emis corrected with applic limitations * *RACT/MACT/LAER/BA	eable SIP		2.8		405.2 (calculas a product FIP limit and actual operations)	of	38.7
Revised Allowable E			0		0		0
after emission reduct Available ERCs:	ions:		2.8		405.2		38.7
Emission rates after	reduction:						
VOC:0 Lbs/Hour0 Tons/Year NOx:0_ Lbs/Hour0 Tons/Year Other:0_ Lbs/Hour0 Tons/Year Do the above baseline emission estimates agree with emission statements submitted for PEDS/AIMS and any fees that							
have been paid, if a		uniales agree	WILL CHISSION	statements su	billitted for T L	Doy Millio un	d dily ices that
Yes No If "No", submit request to amend emissions inventory along with this application.							
Is the facility subject to any proposed maximum achievable control technology standards for hazardous air pollutants (MACT)? If yes, specify federal citation including Subpart.							
Yes Subpart: Subpart: 40 CFR Table 2 To Subpart UUUUU of Part 63							
Section 7 - Emission Quantification Methods							
Check appropriate box(es) for method(s) used to determine the baseline emission rate. Attach copies of source tests, summaries of records, measurements or calculation methods used to estimate the baseline emissions.							
Performance test data on same unit							
Performance test data on similar unit							
☐ Equipment vend	dor emission d	ata and guara	ntees				
☐ Emission factors	from technica	ıl reference or	article				
AP-42 Emission	Factors	Table Number	er:				
EPA Test Data Document							
Other:							

Section 8 - Emission Characteristics

Provide the following information to determine the ambient impact of the emissions reduction

(a) Hours of Operation: Average of 2,120 hours per year during CYs 2021 and 2022	(b) Hourly Rate (specify unit): Maximum of 6,792 mmBtu/hr
(c) Stack Height (from ground level): 800 feet	(d) Stack Inside Diameter: 24 feet
(e) Exhaust Volume: 2,318,346 ACFM	(f) Exhaust Temperature: 165°F
(g) Seasonal Period (months) Operated:N/A to _	
Is the affected source in compliance with all applicable require Yes No If "No", attach a list of the violation(s),	ements? date(s) and location(s) specified in the Notice of Violation.
List all attachments provided to evaluate this ERC Registry Apparent Actual PM2.5, VOC, and NOx reported in the 2021 and 2022 Appreadsheet	

Section 2 - ERC-Generating Source Information

Provide the following information for the ERC-generating source

2A. Type of Source: Pulverized Coal-fired Combustion Unit	2B. Plan Approval\Permit Number: 32-00055			
	Note: A permit is required for any source that is continuing to operate			
2C. Manufacturer of Source: Babcock and Wilcox	2D. Model Number: RB512			
2C. Manufacturer of Source. Dabcock and Wilcox	25. Moder valider. Novi			
2E. Data of Installation of the Courses, 12/20/1077	2F. Air Cleaning Device: ESP and Wet FGD			
2E. Date of Installation of the Source: 12/29/1977				
2G. Source ID/Designation: 033	2H. Hourly Rated Capacity: 7,260 mmBtu/hr			
2I. Annual Throughput: N/A	2J. Other Information:			
Shutdown of a source at an existing facility				
Shutdown of an existing facility				
Permanent curtailment of production or operation hours				
☐ Improved control measures including improved control o	f fugitive emissions			
☐ Installation of an air pollution control devise beyond regu	latory requirements			
Use of lower volatile organic compound (VOC) coatings the	han required			
New technology and/or materials (not required by applicable law)				
Process equipment modifications (not required by applicable law)				
Incidental emissions reduction of nonhazardous air pollutants				
☐ Economic Incentive Program				
Other:				
Section 4 - Intend	ed use of ERCs			
Check appropriate box(es) to specify intended use of ERCs				
Netting/Offsetting Netting → Nett				
■ Banking/Trading/Selling Purposes				
Cartha & Barbara Da	duration Initiation Data			
Section 5 – Emissions Reduction Initiation Date				
	L. 2002			
Actual/Expected Date of Initiation of Emission Reduction: Ju	IV 2023			

Section 6 - Baseline Emission Rate Summary

Baseline emission rate (expressed in lbs/hr or tons/yr) is based on the lower of actual or allowable emissions calculated over two (2) calendar years immediately preceding the reduction unless otherwise approved by the Department.

	Hours of			NO		Other PM2	
	Operation	lbs/hr	TPY	lbs/hr	TPY	lbs/hr	TPY
2021	4,847		3.9		942.1		97.2
2022	5,260		4.3		1,078.8		107.8
Average:	5,054		4.1		1,010.4		102.5
Average Actual Emis corrected with applical limitations * *RACT/MACT/LAER/BA	able SIP		4.1		990.8 (calcul as a product FIP limit and actual operations)	of	102.5
Revised Allowable E	missions after		0		0		0
Available ERCs:			4.1		990.8		102.5
Emission rates after r	eduction:						
Other:0 Do the above baseli have been paid, if a	ine emission es applicable? o If "No", su	timates agree	to amend emis	n statements su	y along with th	is applicatio	on.
			ng Subpart.				
	ecify federal ci	tation includi		UU of Part 63		No	
Is the facility subject (MACT)? If yes, sp Yes Subpart:	ecify federal ci	tation includi FR Table 2 To				No	
(MACT)? If yes, sp	secify federal ci Subpart: 40 Cl box(es) for me	tation includi FR Table 2 To Section 7 thod(s) used t	Subpart UUU - Emission Quo o determine the	uantification I	Methods ission rate. Atta	ach copies o	of source tests
(MACT)? If yes, sp Xes Subpart: Check appropriate summaries of record	becify federal ci Subpart: 40 Cl box(es) for met ds, measureme	FR Table 2 To Section 7 thod(s) used tents or calcula	Subpart UUU - Emission Quo o determine the	uantification I	Methods ission rate. Atta	ach copies o	of source tests
(MACT)? If yes, sp Yes Subpart: Check appropriate summaries of record	secify federal ci Subpart: 40 Cl box(es) for meds, measurements	tation includi FR Table 2 To Section 7 thod(s) used tents or calculate unit	Subpart UUU - Emission Quo o determine the	uantification I	Methods ission rate. Atta	ach copies o	of source tests
(MACT)? If yes, sp Yes Subpart: Check appropriate summaries of recor Performance tes	box(es) for medds, measurements that an same	tation includi FR Table 2 To Section 7 - thod(s) used tents or calculate unit	Subpart UUU - Emission Quo o determine the	uantification I	Methods ission rate. Atta	ach copies o	of source tests
(MACT)? If yes, sp Xes Subpart: Check appropriate summaries of record Performance test	box(es) for medds, measurements that an same st data on same st data on similatission monitor	Section 7 Section 7 Shod(s) used tents or calculate unit	Subpart UUU - Emission Quo o determine the	uantification I	Methods ission rate. Atta	ach copies o	of source tests
(MACT)? If yes, sp	box(es) for med ds, measurements data on same st data on same st data on similarities dor emission dor emission de	Section 7 Section 7 chod(s) used tents or calculate unit lar unit lard data lata and guara	Subpart UUU - Emission Que to determine the tion methods	uantification I	Methods ission rate. Atta	ach copies o	of source tests
MACT)? If yes, sp ☐ Yes Subpart: Check appropriate summaries of record ☐ Performance test ☐ Continuous em ☐ Equipment ven	box(es) for med ds, measurements data on same st data on same st data on similarission monitor dor emission ders from technical	Section 7 - Section 7 - Shod(s) used tents or calculate unit lar unit lar data lata and guaral	Subpart UUU - Emission Que to determine the tion methods	uantification I ne baseline em used to estima	Methods ission rate. Atta	ach copies o	of source tests

Section 8 - Emission Characteristics

Provide the following information to determine the ambient impact of the emissions reduction

(a) Hours of Operation: Average of 5,054 hours per year during CYs 2021 and 2022	(b) Hourly Rate (specify unit): Maximum of 7,260 mmBtu/hr
(c) Stack Height (from ground level): 854 feet	(d) Stack Inside Diameter: 27 feet
(e) Exhaust Volume: 2,156,799 ACFM	(f) Exhaust Temperature: 125°F
(g) Seasonal Period (months) Operated:N/A to _	
Is the affected source in compliance with all applicable require Yes No If "No", attach a list of the violation(s),	ements? date(s) and location(s) specified in the Notice of Violation.
List all attachments provided to evaluate this ERC Registry Apparent Actual PM2.5, VOC, and NOx reported in the 2021 and 2022 Aspreadsheet	
OFFICIALU	ISE ONI V
Regional Office: Date Received: Plan Approval Number: Date Submitted Previous Netting Transaction Date and Plan Approval Number: Comments:	ed:
Central Office NSR Section: Reviewed By: Entry Date: _	