

**MINE METHANE CAPTURE OFFSET PROJECT DATA REPORT FOR ACTIVE UNDERGROUND MINES FORM**

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**OPR STAFF USE ONLY**

Date Application Received:	OPR Tracking Number:	Date Application Reviewed:
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**PART I: ENTITY APPLYING FOR LISTING**

Is this form being submitted by the Offset Project Operator (OPO) or by the Authorized Project Designee (APD)? <input checked="" type="checkbox"/> OPO <input type="checkbox"/> APD <b>NOTE:</b> The person completing this form should be an OPO/APD employee.	
Report Version Number: 7	Person Completing Report: Rachel Trainer
Date Report Completed: 08/31/2022	Date Report Submitted: 09/02/2022
Telephone Number: 713.374.1598	Email Address: rachel.trainer@nexteraenergy.com

**PART II: OFFSET PROJECT INFORMATION**

Offset Project Name: Marshall County Flare III	
CARB Project ID # (If known): CMM5610	OPR Project ID #: ACR610
Mine Methane Capture Activity Type(s): <input type="checkbox"/> Ventilation Air Methane <input checked="" type="checkbox"/> Mine Methane Drainage	
Reporting Period Start Date: 03/01/2021	Reporting Period End Date: 02/28/2022
Offset Project Commencement Date: 07/27/2020	

**PART III: OPO/APD/TECHNICAL CONSULTANT (TC) INFORMATION**

**PART III-A: OPO**

OPO Name: McElroy Green Marketing, LLC	OPO's CITSS ID#: C    A    2    7    0    0
Mailing Address: 700 Universe Blvd.	City/State/Zip Code: Juno Beach, Florida, 33408
Physical Address (if different):	City/State/Zip Code:
Contact Person: John Savage	Telephone Number: 512-695-2110
Email Address: John.Savage@nexteraenergy.com	

<p>1. Has the offset project met all local, state, and federal regulatory requirements during the Reporting Period for Mine 2, except for any period being excluded pursuant to section 95973(b)(1)? (If "no," an explanation of the non-compliance must be provided.)</p>	<p><input checked="" type="checkbox"/> Yes <input type="checkbox"/> No</p>
<p>Indicate any excluded time periods below:</p>	
<p>2. Is all the information in the offset project listing still accurate? If "yes," skip to Part V.</p>	<p><input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p>



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a. Does Part II above report an updated Offset Project Commencement Date, Reporting Period Start Date, and/or Reporting Period End Date?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
b. Does Part III above report updated OPO/APD Information?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
c. Does Part III above report updated Technical Consultant Information?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
d. Are there any other updates about Others Involved in Project, aside from the Technical Consultants, to report? (If "yes," provide those updates on separate attached paper.)	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
e. Are there any updates about the Offset Project Location to report? (If "yes," provide those updates on separate attached paper.)	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
f. Does Part V below report updated information about Mining Methods Employed?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
g. Are there any updates about the Mine Information, aside from Mining Methods Employed and Mineral Production, to report? (If "yes," provide those updates on separate on a separate attached paper.)	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
h. Does any other information in the project listing need to be updated? (If "yes," provide those updates on separate on a separate attached paper.)	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

**PART V: MINE INFORMATION**

Mining Method(s) Employed (e.g., longwall or room and pillar) during Reporting Period: Longwall
Mineral Production during Reporting Period (including both mineral produced and quantity with units of measurement): 10,933,117 tons

**PART VI: REPORTED GHG EMISSION REDUCTION CALCULATIONS**

**PART VI-A: CALCULATED VALUES FOR ACTIVE UNDERGROUND VAM ACTIVITIES**

How many qualifying and non-qualifying destruction devices were used in this reporting period for Active Underground VAM Activities?

**NOTE:** If there are more than three (3) destruction devices, either expand this section to report information for those destruction devices or submit the required reporting information for those devices on separate, attached paper.

Number Non-Qualifying Devices:	Number Qualifying Devices:
Emission Reductions (ER):	
Baseline Emissions (BE):	
Project Emissions (PE):	

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**PART VI-A-1: BASELINE VALUES (for all destruction devices)**

Baseline $C_{CH_4}$ :	$VA_{B,i}$ :
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**PART VI-A-2: BASELINE VALUES BY DESTRUCTION DEVICE**

Device	Type	$C_{CH_4,exhaust,i}$	$C_{CH_4,MG}$	$MG_{SUPP,i}$	Operational Hours
1.	<input type="checkbox"/> Qualifying <input type="checkbox"/> Non-Qualifying				
2.	<input type="checkbox"/> Qualifying <input type="checkbox"/> Non-Qualifying				
3.	<input type="checkbox"/> Qualifying <input type="checkbox"/> Non-Qualifying				

☐ Provide the hourly average flow rates (both  $VA_{flow,i,y}$  and  $CA_{flow,i,y}$ ) as an attachment.

For  $CA_{flow,i,y}$  (in the baseline scenario, was the flow rate monitored, or was the default maximum quantity used?)

☐ Monitored    ☐ Default

**PART VI-A-3: PROJECT VALUES (for all destruction devices)**

Project $C_{CH_4}$ :
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**PART VI-A-4: PROJECT VALUES BY DESTRUCTION DEVICE**

Device	$VA_{P,i}$	$C_{CH_4,exhaust,i}$	$C_{CH_4,MG}$	$MG_{SUPP,i}$	Operational Hours
1.					
2.					
3.					

☐ Provide the hourly average flow rates (for both  $VA_{flow,i,y}$  and  $CA_{flow,i,y}$ ) as an attachment.

For  $CA_{flow,i,y}$  (in the project scenario), was the flow rate monitored, or was the default maximum quantity used?

☐ Monitored    ☐ Default



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**PART VI-A-5: OTHER VALUES**

CON <sub>ELEC</sub>	CON <sub>HEAT</sub> :	CON <sub>FF</sub> :
CE <sub>ELEC</sub> :	CE <sub>HEAT</sub> :	CE <sub>FF</sub> :

**PART VI-B: CALCULATED VALUES FOR ACTIVE UNDERGROUND MINE METHANE DRAINAGE ACTIVITIES** ☐ Not Applicable

How many qualifying and non-qualifying destruction devices were used in this reporting period for Active Underground Mine Methane Drainage Activities?

**NOTE:** If there are more than two (2) destruction devices, either expand this section to report information for those destruction devices or submit the required reporting information for those devices on separate, attached paper.

Number Non-Qualifying Devices: 0	Number Qualifying Devices: 1
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How many methane sources were used in this reporting period for Active Underground Mine Methane Drainage Activities?

**NOTE:** If there are more than three (3) methane sources associated with any destruction device, either expand this section to report information for those methane sources or submit the required reporting information for those sources on separate, attached paper.

Number Sources:  
1

How many pre-mining surface wells included in the project were mined through during this reporting period?

**NOTE:** If more than two (2) wells were included and mined through, either expand this section to report information for those wells or submit the required reporting information for those wells on separate, attached paper.

Number Wells:  
0

Emission Reductions (ER): 29,604
Baseline Emissions (BE): 33,421
Project Emissions (PE): 3,817

**PART VI-B-1: BASELINE VALUES FOR FIRST DESTRUCTION DEVICE**

Is this a qualifying or non-qualifying destruction device?

☒ Qualifying ☐ Non-Qualifying

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Source	Baseline C <sub>CH4</sub>	PSW <sub>B,i</sub>	PIB <sub>B,i</sub>	PGW <sub>B,i</sub>
1.	n/a			
2.	n/a			
3.	n/a			

**PART VI-B-2: BASELINE VALUES FOR SECOND DESTRUCTION DEVICE** ☒ Not Applicable  
(only one destruction device)

Is this a qualifying or non-qualifying destruction device?  
☐ Qualifying    ☐ Non-Qualifying

Source	Baseline C <sub>CH4</sub>	PSW <sub>B,i</sub>	PIB <sub>B,i</sub>	PGW <sub>B,i</sub>
1.				
2.				
3.				

**PART VI-B-3: PROJECT VALUES FOR FIRST DESTRUCTION DEVICE**

Source	Project C <sub>CH4</sub>	PSW <sub>P,i</sub>	PIB <sub>P,i</sub>	PGW <sub>P,i</sub>
1.	46.56	n/a	n/a	149,507,357
2.	n/a			
3.	n/a			

**PART VI-B-4: PROJECT VALUES FOR SECOND DESTRUCTION DEVICE** ☐ Not Applicable  
(only one destruction device)

Source	Project C <sub>CH4</sub>	PSW <sub>P,i</sub>	PIB <sub>P,i</sub>	PGW <sub>P,i</sub>
1.				
2.				
3.				



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**PART VI-B-5: VALUES FOR PRE-MINING SURFACE WELLS, FIRST DESTRUCTION DEVICE**

<input checked="" type="checkbox"/> N/A	Baseline $C_{CH_4, MG}$ :	Baseline $MG_{SUPP, i}$ :	Project $C_{CH_4, MG}$ :	Project $MG_{SUPP, i}$ :
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<input checked="" type="checkbox"/> N/A	Identification of 1 <sup>st</sup> well:			
	$PSW_{nqd, i}$ :	$PSW_{e, pre, i}$ :	$PSW_{e, post, i}$ :	$PSW_{p, all, i}$ :

<input checked="" type="checkbox"/> N/A	Identification of 2 <sup>nd</sup> well:			
	$PSW_{nqd, i}$ :	$PSW_{e, pre, i}$ :	$PSW_{e, post, i}$ :	$PSW_{p, all, i}$ :

**PART VI-B-6: VALUES FOR PRE-MINING SURFACE WELLS, SECOND DESTRUCTION DEVICE**

<input checked="" type="checkbox"/> N/A	Baseline $C_{CH_4, MG}$ :	Baseline $MG_{SUPP, i}$ :	Project $C_{CH_4, MG}$ :	Project $MG_{SUPP, i}$ :
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<input checked="" type="checkbox"/> N/A	Identification of 1 <sup>st</sup> well:			
	$PSW_{nqd, i}$ :	$PSW_{e, pre, i}$ :	$PSW_{e, post, i}$ :	$PSW_{p, all, i}$ :

<input checked="" type="checkbox"/> N/A	Identification of 2 <sup>nd</sup> well:			
	$PSW_{nqd, i}$ :	$PSW_{e, pre, i}$ :	$PSW_{e, post, i}$ :	$PSW_{p, all, i}$ :

**PART VI-B-7: OTHER VALUES**

$CONSELEC$ : n/a	$CONSEHEAT$ : n/a	$CONSEFF$ : 8 (gallons)
$CEFELEC$ : n/a	$CEFHEAT$ : n/a	$CEFEFF$ : 5.593 (kg CO <sub>2</sub> /gal)

<input checked="" type="checkbox"/> N/A	Site-specific Methane Destruction Efficiency for First Device:			
	Third Parties Involved:			
	Description of Process:			

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<input checked="" type="checkbox"/> N/A	Site-specific Methane Destruction Efficiency for Second Device:
	Third Parties Involved:
	Description of Process:

**PART VIII: ATTESTATIONS AND OPO SIGNATURE**

Initial:  <i>JIS</i>	I certify under penalty of perjury under the laws of the State of California the GHG reductions and/or GHG removal enhancements for		
	Project Name:	from Reporting Period State Date:	to Reporting Period End Date:
	Marshall County Flare III	03/01/2021	02/28/2022
are measured in accordance with the Compliance Offset Protocol Methane Capture Projects, April 25, 2014, and all information required to be submitted to ARB in the Offset Project Data Report is true, accurate, and complete.			
In signing this form, I certify under penalty of perjury of the laws of California that the information contained in this form is true, accurate, and complete. I further certify that I am an Account Representative of the Offset Project Operator (OPO).			
Signature: <i>John Savage</i>		Printed Name: John Savage	
Title: Sr. Director		Date: <i>9/1/2022</i>	