

APPLICATION FOR LISTING A MINE METHANE CAPTURE OFFSET PROJECT

OPR Staff Use Only	Date Application Received:	OPR Tracking Number:	Date Application Reviewed:	OPR Staff Use Only
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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)?

Notes:

1. The person completing this form should be an OPO/APD employee.
2. If the APD is submitting this form, the OPO should submit the form Designation of Authorized Project Designee simultaneously.

☒ **OPO**
☐ **APD**

Name of Person Completing Form: John Savage	Organizational Affiliation, if applicable: Nextera Energy Marketing, Inc.	
Date Form Completed: 12/10/2020	Phone Number: 512-695-2110	Email Address: john.savage@nee.com

PART II. OFFSET PROJECT INFORMATION

Offset Project Name: Marshall County Flare III		
Mine Methane Capture Activity Type(s): <input type="checkbox"/> Active Underground Mine Ventilation Air Methane <input type="checkbox"/> Active Surface Mine Methane Drainage <input checked="" type="checkbox"/> Active Underground Mine Methane Drainage <input type="checkbox"/> Abandoned Underground Mine Methane Recovery		
Offset Project Commencement Date: 07/27/2020	First Reporting Period Start Date: 07/27/20	First Reporting Period End Date: 01/31/2021
Specify the action(s) that identify the offset project commencement date: Project completed commissioning and testing week of July 20th, 2020. Project commenced full scale operations on July 27th, 2020.		
Is the project transitioning to the Compliance Offset Protocol Mine Methane Capture Projects after previously being listed as an early action offset project?		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

PART III. OPO/APD INFORMATION

Part III.A OPO

OPO Name: McElroy Green Marketing, LLC	Organizational Affiliation, if applicable:	OPO's CITSS ID#: CA 2 7 0 0	
Mailing Address: 700 Universe Blvd.	City: Juno Beach	State: FL	Zip: 33408
Physical Address (if different):	City:	State:	Zip:
Contact Person: John Savage	Phone Number: 512-695-2110	Email Address: john.savage@nee.com	

Part III.B APD (if applicable)

☒ **No APD/Not Applicable**

APD Name:	Organizational Affiliation, if applicable:	APD's CITSS ID#: CA	
Mailing Address:	City:	State:	Zip:
Physical Address (if different):	City:	State:	Zip:
Contact Person:	Phone Number:	Email Address:	

PART IV. OFFSET PROJECT LOCATION

*Street Address of Mine Site (if available): Nauvoo Ridge Road	*City: Cameron	*State: WV	*Zip: 26041
*Latitude of Mine Site: 39.796748	*Longitude of Mine Site: -80.646878		
Mine Basin: Northern Appalchian			
*Does the project occur on private, public, or a combination of private and public lands? <input checked="" type="checkbox"/> Private <input type="checkbox"/> Public <input type="checkbox"/> Private and Public			
*Does the offset project occur on any of the following categories of land? (check all that apply) <input type="checkbox"/> Land that is owned by, or subject to, an ownership of possessory interest of a Tribe <input type="checkbox"/> Land that is "Indian lands" of a Tribe as defined by 25 U.S.C. §81(a)(1) <input type="checkbox"/> Land that is owned by any person, entity, or Tribe, within the external borders of such Indian lands <input checked="" type="checkbox"/> None of the above			
If "none of the above," skip to Part V. Otherwise, proceed to the questions below.			
*Does a limited waiver of sovereign immunity between ARB and the governing body of the Tribe exist? <input type="checkbox"/> Yes <input type="checkbox"/> No			
*Describe how the land within the Project Area is owned:			

PART V. MINE INFORMATION

*Mine Safety and Health Administration (MSHA) Identification Number: 46-01437	*MSHA Classifications		
<input checked="" type="checkbox"/> Coal <input type="checkbox"/> Metal <input type="checkbox"/> Nonmetal	<input checked="" type="checkbox"/> Underground <input type="checkbox"/> Surface	<input checked="" type="checkbox"/> Active <input type="checkbox"/> Abandoned	
*Mining Method Employed (e.g., longwall, room and pillar, or open pit): Longwall			
*Average Annual Mineral Production (specify mineral produced and unit): 10 million tons coal			
*Year of Initial Production: 1969		*Year of closure (estimate if mine is not yet closed): 2040	
Name of state and/or federal agency(ies) responsible for issuing mine leases and/or permits: West Virginia Department of Air Quality (WV DAQ); Mine Safety and Health Administration (MSHA)			
Permits obtained, or to be obtained, to build and operate the project: The project obtained the following permits: - West Virginia DAQ permit #R13-3485, issued June 16, 2020 - USFWS No Effect Determination issued June 12, 2020 - DWV Art, Culture, and History FR # 20-685-MR-1 issued June 3, 2020. The project itself is not subject to MSHA jurisdiction, but, because it is connected to a part of the mine's ventilation system, MSHA requested that the mine amend its ventilation plan and submit that to MSHA for approval. The approval was granted in a letter dated February 24th, 2020.			
Describe the mine and resource ownership and operation structures: The Marshall County mine is owned and operated by Murray American Energy, Inc. The OPO (McElroy Green Marketing, LLC) is the sole owner of the project and has an agreement with Murray to operate the project. The OPO is responsible for the day-to-day operations of the project.			

PART VI. OTHERS INVOLVED IN PROJECT

*Mine Owner:	Name: Murray American Energy, Inc.					
	Mailing Address: 46226 National Road	City: St. Clairsville	State: OH	Zip: 43950		
*Parent Company:	Name (if different from Mine Owner): Murray Energy, Inc.					
	Mailing Address: 46226 National Road	City: St. Clairsville	State: OH	Zip: 43950		
*Mine Operator:	Name (if different from Mine Owner): Marshall Conty Coal Resources, Inc.					
	Mailing Address: 46226 National Road	City: St. Clairsville	State: OH	Zip: 43950		
*Surface Owner:	Name (if different from Mine Owner):					
*Mine Methane Owner:	Name (if different from Mine Owner):					
	Mailing Address:	City:	State:	Zip:		
*Methane Destruction System Owner:	Name (if different from mine owner, OPO, or APD): McElroy Green Marketing, LLC					
	Mailing Address: 700 Universe Blvd.	City: Juno Beach	State: FL	Zip: 33408		
Other Parties with a Material Interest:	1.	Name:				
		Contact Person:	Phone Number:	Email Address:		
	2.	Name:				
		Contact Person:	Phone Number:	Email Address:		
Technical Consultants:	1.	Name:		Organizational Affiliation, if applicable:		
		Phone Number:		Email Address:		
		Mailing Address:		City:	State:	Zip:
		Physical Address (if different):		City:	State:	Zip:
	2.	Name:		Organizational Affiliation, if applicable:		
		Phone Number:		Email Address:		
		Mailing Address:		City:	State:	Zip:
		Physical Address (if different):		City:	State:	Zip:

Submit the information in this form to
the appropriate Offset Project Registry

PART VII. GHG EMISSIONS

Describe any mine methane destruction occurring at the mine prior to the offset project commencement date:

The Marshall County VAM Abatement project (CAMM #5100) has been operating at the Marshall County mine since May 2012. That project captures and destroys the ventilation air methane that would otherwise be vented to atmosphere from the mine's 5 North 11A bleeder fan.

The Marshall County Flare I (CAMM #5493) project has been operating at the Marshall County mine since June 2019. The project captures and destroys mine methane from the 6 North gob well.

The Marshall County Flare II project has been operating at the Marshall County mine since February, 2020. The project captures and destroys mine methane from the 5 South gob well.

Provide a qualitative characterization and quantitative estimate of the baseline emissions at the mine including an explanation of how the quantitative estimate was reached:

Annual baseline emissions are estimated to be approximately 50,000 tCO₂e per year.

The OPO tested emissions from the existing gob well (based on hand-held methanometer readings) to calculate the average volume of pure methane in cubic feet per minute. That figure is used to calculate projected baseline emissions over a complete year.

Describe the project activities that will lead to GHG emission reductions:

Currently, the gob well is operating as an equalization borehole into a sealed area as part of the mine's overall ventilation plan. The project will install an enclosed stack flare and the other equipment necessary to capture and destroy the methane from the sealed area.

Is this offset project being implemented and conducted as the result of any law, statute, regulation, court order, or other legally binding mandate? If yes, explain below:

☐ Yes
☒ No

***Have any GHG reductions associated with the offset project ever been registered with or claimed by another registry or program, or sold to a third party prior to our listing? If yes, identify the registry or program, vintage(s) of credits issued, reporting period(s), and verification bodies below:**

☐ Yes
☒ No

***Registry/Program:**

***Reporting Period(s):**

***Vintage(s):**

***Credits Issued:**

***Verification Bodies that have performed verification services:**

PART VIII. ATTACHMENTS

On an attached separate sheet(s) of paper provide:

Attachment A: *Documentation showing the Offset Project Operator's legal authority to implement the offset project.

Attachment B: *Bird's-eye view map of the mine site that includes the items specified in MMC Protocol section 7.1(b)(34).

Attachment C: *Diagram of the project site that includes the items specified in section 7.1(b)(35) or 7.1(b)(36), according to activity.

Attachment D: *If the project is located on one of the categories of Tribal land listed in Part IV, provide documentation demonstrating that the land within the Project Area is owned by (or subject to an ownership or possessory interest of) a tribe or private entity. Also provide documentation that demonstrates the existence of a limited waiver of sovereign immunity between ARB and the governing body of the Tribe entered into pursuant to section 95975(l) of the Cap-and-Trade Regulation.

PART IX. ATTESTATIONS AND OPO SIGNATURE

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:

Marshall County Flare III

from

Crediting Period
Start Date:

07/27/2020

to


Crediting Period
End Date:

01/31/2030

will be measured in accordance with the Compliance Offset Protocol Mine Methane Capture Projects and all information required to be submitted to ARB is true, accurate, and complete.

I understand I am voluntarily participating in the California Greenhouse Gas Cap-and-Trade Program under title 17, article 5, and by doing so, I am now subject to all regulatory requirements and enforcement mechanisms of this program and subject myself to the jurisdiction of California as the exclusive venue to resolve any and all disputes arising from the enforcement of provisions in this article.

**Submit the information in this form to
the appropriate Offset Project Registry**


Initial

I understand that the offset project activity and implementation of the offset project must be in accordance with all applicable local, regional, and national environmental and health and safety laws and regulations that apply to the offset project location. I understand that offset projects are not eligible to receive ARB or registry offset credits for GHG reductions and GHG removal enhancements that are not in compliance with the requirements of the Cap-and-Trade Program.

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:

PRINTED NAME:

John Savage

TITLE:

Sr. Director

DATE:

12/10/2020