

## APPLICATION FOR LISTING A MINE METHANE CAPTURE OFFSET PROJECT

<b>OPR Staff Use Only</b>	<b>Date Application Received:</b>	<b>OPR Tracking Number:</b>	<b>Date Application Reviewed:</b>	<b>OPR Staff Use Only</b>
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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
<b>Name of Person Completing Form:</b> Brooke Willard		<b>Organizational Affiliation, if applicable:</b> Keyrock Energy LLC		
<b>Date Form Completed:</b> 18-Oct-2021		<b>Phone Number:</b> 423-433-7186	<b>Email Address:</b> BWillard@keyrockenergy.com	

### PART II. OFFSET PROJECT INFORMATION

<b>Offset Project Name:</b> Affinity Mine Methane Incineration Project			
<b>Mine Methane Capture Activity Type(s):</b> <input checked="" type="checkbox"/> Active Underground Mine Methane Drainage			
<b>Offset Project Commencement Date:</b> 16-Dec-2020	<b>First Reporting Period Start Date:</b> 16-Dec-2020	<b>First Reporting Period End Date:</b> 31-Oct-2021	
<b>Specify the action(s) that identify the offset project commencement date:</b> Flare commissioned to combust mine methane extracted from the mine.			
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

<b>Part III.A OPO</b>				
<b>OPO Name:</b> Keyrock Energy LLC		<b>Organizational Affiliation, if applicable:</b>		<b>OPO's CITSS ID#:</b> CA 1 8 6 3
<b>Mailing Address:</b> P.O. Box 2223		<b>City:</b> Johnson City	<b>State:</b> TN	<b>Zip:</b> 37605-2223
<b>Physical Address (if different):</b> 207 E. Main Street, Suite 2-D		<b>City:</b> Johnson City	<b>State:</b> TN	<b>Zip:</b> 37604
<b>Contact Person:</b> Brooke Willard	<b>Phone Number:</b> 423-433-7186	<b>Email Address:</b> BWillard@keyrockenergy.com		
<b>Part III.B APD (if applicable)</b>		<input checked="" type="checkbox"/> No APD/Not Applicable		

### PART IV. OFFSET PROJECT LOCATION

<b>*Street Address of Mine Site (if available):</b> 550 Cedar Rd.	<b>*City:</b> Crab Orchard	<b>*State:</b> WV	<b>*Zip:</b> 25827
<b>*Latitude of Mine Site:</b> 37.737062	<b>*Longitude of Mine Site:</b> -81.216586		
<b>Mine Basin:</b> Appalachian			
<b>*Does the project occur on private, public, or a combination of private and public lands?</b> <input checked="" type="checkbox"/> Private			
<b>*Does the offset project occur on any of the following categories of land? (check all that apply)</b>			
<input type="checkbox"/> Land that is owned by, or subject to, an ownership of possessory interest of a Tribe, or Land that is "Indian lands" of a Tribe as defined by 25 U.S.C. §81(a)(1), or 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			

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**PART V. MINE INFORMATION**

<b>*Mine Safety and Health Administration (MSHA) Identification Number:</b> 46-08878	<b>*MSHA Classifications</b>		
	<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
<b>*Mining Method Employed (e.g., longwall, room and pillar, or open pit):</b> Longwall			
<b>*Average Annual Mineral Production (specify mineral produced and unit):</b> 715,499 Tons Coal			
<b>*Year of Initial Production:</b> 2009		<b>*Year of closure (estimate if mine is not yet closed):</b> 2040	
<b>Name of state and/or federal agency(ies) responsible for issuing mine leases and/or permits:</b> WVDEP-Division of Mining & Reclamation, WVDEP-Division of Air Quality, DOL-MSHA			
<b>Permits obtained, or to be obtained, to build and operate the project:</b> MSHA Mine Ventilation Plan, WVDAQ Flare Permit, WVDNR Permit Revision			
<b>Describe the mine and resource ownership and operation structures:</b> Keyrock Energy has agreements with counterparties necessary to access the project site and operate the project. Keyrock Energy leases methane destruction systems from Rowland Land Company.			

**PART VI. OTHERS INVOLVED IN PROJECT**

<b>*Mine Owner:</b>	<b>Name:</b> Pocahontas Coal Company LLC			
	<b>Mailing Address:</b> 111 Affinity Complex Rd	<b>City:</b> Sophia	<b>State:</b> WV	<b>Zip:</b> 25921
<b>*Parent Company:</b>	<b>Name (if different from Mine Owner):</b>			
	<b>Mailing Address:</b>	<b>City:</b>	<b>State:</b>	<b>Zip:</b>
<b>*Mine Operator:</b>	<b>Name (if different from Mine Owner):</b>			
	<b>Mailing Address:</b>	<b>City:</b>	<b>State:</b>	<b>Zip:</b>
<b>*Surface Owner:</b>	<b>Name (if different from Mine Owner):</b>			
<b>*Mine Methane Owner:</b>	<b>Name (if different from Mine Owner):</b> Pardee Royalty LLC & Beaver Coal Company, Ltd			
	<b>Mailing Address:</b> 135 Corporate Center Dr, Suite 510 354 Log Cabin Rd	<b>City:</b> Scott Depot Beaver	<b>State:</b> WV WV	<b>Zip:</b> 25560 25813
<b>*Methane Destruction System Owner:</b>	<b>Name (if different from mine owner, OPO, or APD):</b> Rowland Land Company LLC			
	<b>Mailing Address:</b> 405 Capitol Street, Suite 609	<b>City:</b> Charleston	<b>State:</b> WV	<b>Zip:</b> 25301
<b>Other Parties with a Material Interest:</b>	1.	<b>Name:</b> N/A		
<b>Technical Consultants:</b>	1.	<b>Name:</b> N/A	<b>Organizational Affiliation, if applicable:</b>	

**PART VII. GHG EMISSIONS**

<b>Describe any mine methane destruction occurring at the mine prior to the offset project commencement date:</b> None			
<b>Provide a qualitative characterization and quantitative estimate of the baseline emissions at the mine including an explanation of how the quantitative estimate was reached:</b> Baseline emissions are a result of mine methane naturally emitting from the mine. There was no destruction of mine methane in the baseline scenario within the boundary of the project. Baseline emissions are estimated at 4,000 mtons CH <sub>4</sub> per year.			
<b>Describe the project activities that will lead to GHG emission reductions:</b> On-site combustion of mine methane with one or more flares.			
<b>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:</b>			<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
<b>*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:</b>			<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
<b>*Registry/Program:</b>	<b>*Reporting Period(s):</b>	<b>*Vintage(s):</b>	<b>*Credits Issued:</b>
<b>*Verification Bodies that have performed verification services:</b>			

## 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.

## PART IX. ATTESTATIONS AND OPO SIGNATURE

 Initial	<b>I certify under penalty of perjury under the laws of the State of California the GHG reductions and/or GHG removal enhancements for</b>			
	Project Name: Affinity Mine Methane Incineration Project	from	Crediting Period Start Date: 16-Dec-2020	Crediting Period End Date: 31-Oct-2030
	<b>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.</b>			
 Initial	<b>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.</b>			
 Initial	<b>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.</b>			
<b>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).</b>				
<b>SIGNATURE:</b> 		<b>PRINTED NAME:</b> Brooke Willard		
<b>TITLE:</b> Verification Manager		<b>DATE:</b> 10/18/2021		