

Nitric Acid Production Project Submittal Form

Instructions: Please complete all fields as thoroughly as possible. If the project in question is still in the planning or development phase, all fields must be completed using best available data and estimates based on the proposed project design. This is an interactive Word form. Upon completion, please save this form as a PDF prior to uploading it to the Reserve. This will lock your answers and protect the document from any further changes. All fields must be completed, even if the answer is also provided elsewhere; if a field is not applicable insert N/A in the space provided. Upon approval, this form will become public.

1. Account Holder (as it appears in the Reserve software):	<u>East Dubuque Nitrogen Fertilizers, LLC</u>
2. Project Name (as it appears in the Reserve software):	<u>Rentech Energy Midwest Corporation - Nitric Acid Plant 1</u>
3. Project ID #:	<u>CAR0811</u>
4. Protocol Version:	<u>Nitric Acid Production Project Protocol, v2.2</u>
5. Crediting Period:	☐ First crediting period ☒ Second crediting period
6. Project Type:	☐ Secondary catalyst ☒ Tertiary catalyst
7. N ₂ O Abatement System Owner:	<u>East Dubuque Nitrogen Fertilizers, LLC</u>
8. Technical Consultant(s):	<u>ClimeCo LLC</u>
9. Other Parties with a Material Interest:	<u>ClimeCo LLC</u>
10. Form Completed By (name, organization):	<u>James Winch, ClimeCo LLC</u>
a. Contact Information (phone, email):	<u>321.821.3363, jwinch@climeco.com</u>
b. Date of Form Completion:	<u>02/16/2022</u>
11. Project Start Date (MM/DD/YYYY):	<u>06/29/2011</u>
12. First Reporting Period (MM/DD/YYYY):	<u>08/12/2021 to 12/20/2021</u>
Project Details	
13. Project description (please provide one to two paragraphs and attach a project diagram):	The project entails the installation and operation of a tertiary nitrous oxide (N₂O) abatement catalyst downstream of ammonia oxidation reactor and upstream of the tail-gas expander within East Dubuque Nitrogen Fertilizers, LLC's (EDNF) Nitric Acid Plant 1. Nitrous oxide present in the tail-gas entering the tertiary abatement catalyst vessel is decomposed to N₂ and O₂ as it passes over the catalyst bed at high temperatures. EDNF Nitric Acid Plant 1 is a single pressure plant that has been in operation since 1978. The tertiary N₂O abatement catalyst was tied-in during June 27th and 28th of 2011.
14. Name of the nitric acid production facility (if there is more than one plant at the facility, please also specify the plant):	<u>East Dubuque Nitrogen Fertilizers, LLC - Nitric Acid Plant 1</u>



15. Address of the nitric acid production facility (including county and state):	16675 Highway 20 West, East Dubuque (Jo Daviess County), IL 61025		
Project Details (continued)	Yes	No	N/A
16. Was the NAP constructed prior to December 2, 2009?	☒	☐	-
a. If not, were permit applications submitted prior to December 2, 2009?	☐	☐	☒
17. Is the account holder authorized to sign the "Attestation of Title" form?	☒	☐	-
18. Has the project ever been submitted for listing with the Reserve as a different nitric acid production project type (i.e. secondary catalyst vs. tertiary catalyst)?	☐	☒	-
19. Have any GHG reductions associated with the project ever been registered with or claimed by another registry or program prior to registering with the Reserve? If yes, you must complete and return a Registry Project Transfer Attestation form. Please identify the registry or program where GHG reductions were previously registered: <u>N/A</u>	☐	☒	-
20. Have any GHG reductions from the project ever been sold directly to a third party (i.e. sold without being registered with or claimed by another registry or program) prior to submitting to the Reserve? If yes, please explain: <u>N/A</u>	☐	☒	-
21. Is this project being implemented and conducted as the result of any law, statute, regulation, court order, or other legally binding mandate? If yes, please explain: <u>N/A</u>	☐	☒	-
22. Has a detailed monitoring and operations plan been developed for this project? If not, what date will the plan be in place? <u>N/A</u>	☒	☐	-
23. Is NO _x currently being or has it ever been abated at the plant?	☒	☐	-
a. If yes: Has NSCR been used at any time since December 2, 2007 (including current use)?	☐	☒	☐
24. Was the plant relocated to its current location at any time since December 2, 2007? If yes, what date was the plant operational after the relocation? <u>N/A</u>	☐	☒	-
25. Was the plant upgraded (i.e. modified in any way to increase production capacity) at any time after December 2, 2007? If yes, what date was the plant operational after the upgrade? <u>N/A</u>	☐	☒	-
26. Are there plans to upgrade the plant during the project crediting period? If yes, please describe: <u>N/A</u>	☐	☒	-
27. Has the plant been idle at any point since December 2, 2007? If yes, list the time periods when the plant was idle: <u>N/A</u>	☐	☒	-
28. Is a continuous emission monitoring system (CEMS) for monitoring N ₂ O installed for the project? The date CEMS started or is expected to start recording project data: <u>06/29/2011</u>	☒	☐	-
29. How long will the project baseline sampling period be? (secondary catalyst project - minimum of 10 weeks after the start of a campaign)	<u>N/A</u>		
30. Additional information (if any):			



CLIMATE
ACTION
RESERVE

N/A
