
NDIC Website One-page Summary

Project: **FY21-XCIII-229**

Title: Naphtha and Tar Oil Overhead Refining Project

Submitted By: Dakota Gasification Company

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Purpose: The project proposed by Dakota Gasification Company (DGC) focuses on an engineering study to upgrade and increase the value of its naphtha and tar oils. The proposed project would fund engineering and design activities to explore the feasibility of constructing a hydrotreater at the Synfuels Plant in order to further refine the naphtha and tar oil overheads into a stream suitable for gasoline blendstock. The Synfuels Plant was originally constructed in the early 1980s to turn lignite into synthetic natural gas. Since that time, many products have been added for commercial sale, such as fertilizers, carbon dioxide and several other byproducts. This project would seek to increase the product line at DGC and would provide an additional option for any future lignite gasification applications.

Duration: 4 months

Participants & Cost Share:

Dakota Gasification Company	\$125,000 (In Kind)
Dakota Gasification Company	\$17,500 (Cash)
NDIC	<u>\$142,500</u>
Total	\$285,000

Project Deliverables: Status Report