
NDIC Website One-page Summary

Project: **FY20-XCII-227**
Title: Laboratory-Scale Coal-Derived Graphene Process
Submitted By: Energy and Environmental Research Center (EERC)

PM/PI: Alexander Azenkeng
 15 North 23rd Street, Stop 9018
 Grand Forks, ND 58202
 701-777-5000
 aazenkeng@undeerc.org

Purpose: The proposed project, submitted by the Energy & Environmental Research Center (EERC) proposes to develop a technological process for converting North Dakota (ND) lignite and other U.S. coals into high-value solid carbon products such as graphene for use in multiple applications. The scope of work will also include an economic feasibility analysis and analysis of product target markets and technology gaps for scale-up or commercialization.

Duration: 36 months

Participants & Cost Share:

US Dept of Energy (DOE)	\$744,064
North American Coal Corporation (NACoal)	\$ 25,000
NDIC	<u>\$162,500</u>
Total	\$931,564

Project Deliverables: Status Report