Project: FY20-XCII-227

Title: Laboratory-Scale Coal-Derived Graphene Process

Submitted By: Energy and Environmental Research Center (EERC)

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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 $162,500
- Total $931,564

Project Deliverables: Status Report
- Q3 2020 report completed.