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## NDIC Website One-page Summary

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**Project:** FY19-LXXXVIII-220

**Title:** Project Tundra - FEED

**Submitted By:** Minnkota Power Cooperative, Inc.

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**Purpose:** The objective of the work described in this application is to complete a front-end engineering design (FEED) study for a commercial carbon capture system retrofitted onto a power plant fueled by North Dakota lignite. The FEED study will also include a pipeline to convey CO<sub>2</sub> for enhanced oil recovery (EOR) and CO<sub>2</sub> recycling facilities at the target oil field. These combined elements comprise a broader effort known as Project Tundra. The goal of Project Tundra is to implement carbon capture, utilization, and storage (CCUS) in North Dakota, preserving the use of lignite, revitalizing legacy oil fields and creating a new CO<sub>2</sub> EOR industry.

**Duration:** 32 months

### Participants & Cost Share:

US DOE NETL	\$15,000,000
Minnkota	\$300,000 cash; \$864,414 in-kind
NDIC	<u>\$15,000,000</u>
Total	\$31,164,414

### Amendment to increase funding August 2020

NDIC:	\$5,000,000 (from \$15,000,000 to \$20,000,000)
Matching Funds / Incremental cost share to bring matching to over \$26,000,000	
Total Project Costs:	\$46,006,695

**Project Deliverables:** Status Report  
2019 Q1, Q2, Q3 and Q4 complete.  
2020 Q1, Q2 complete.