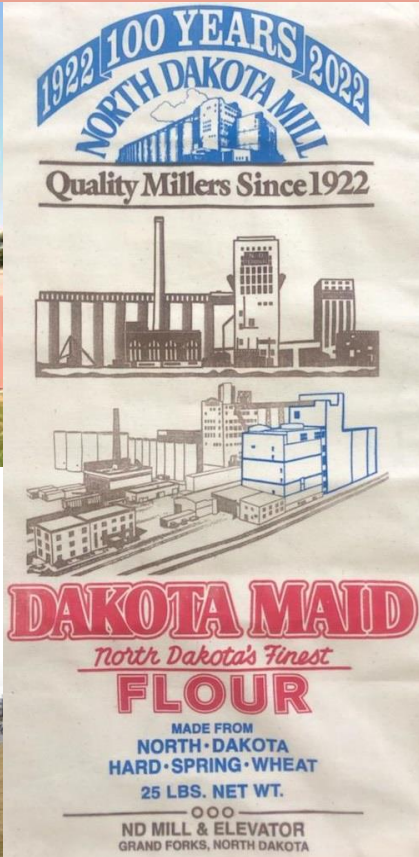


NORTH DAKOTA INDUSTRIAL COMMISSION OVERVIEW



SENATE APPROPRIATIONS

Reice Haase, Deputy Executive Director

NDCC 54-17: COMMISSION TO MANAGE INDUSTRIES ON BEHALF OF THE STATE



Governor
Doug Burgum



Attorney General
Drew Wrigley

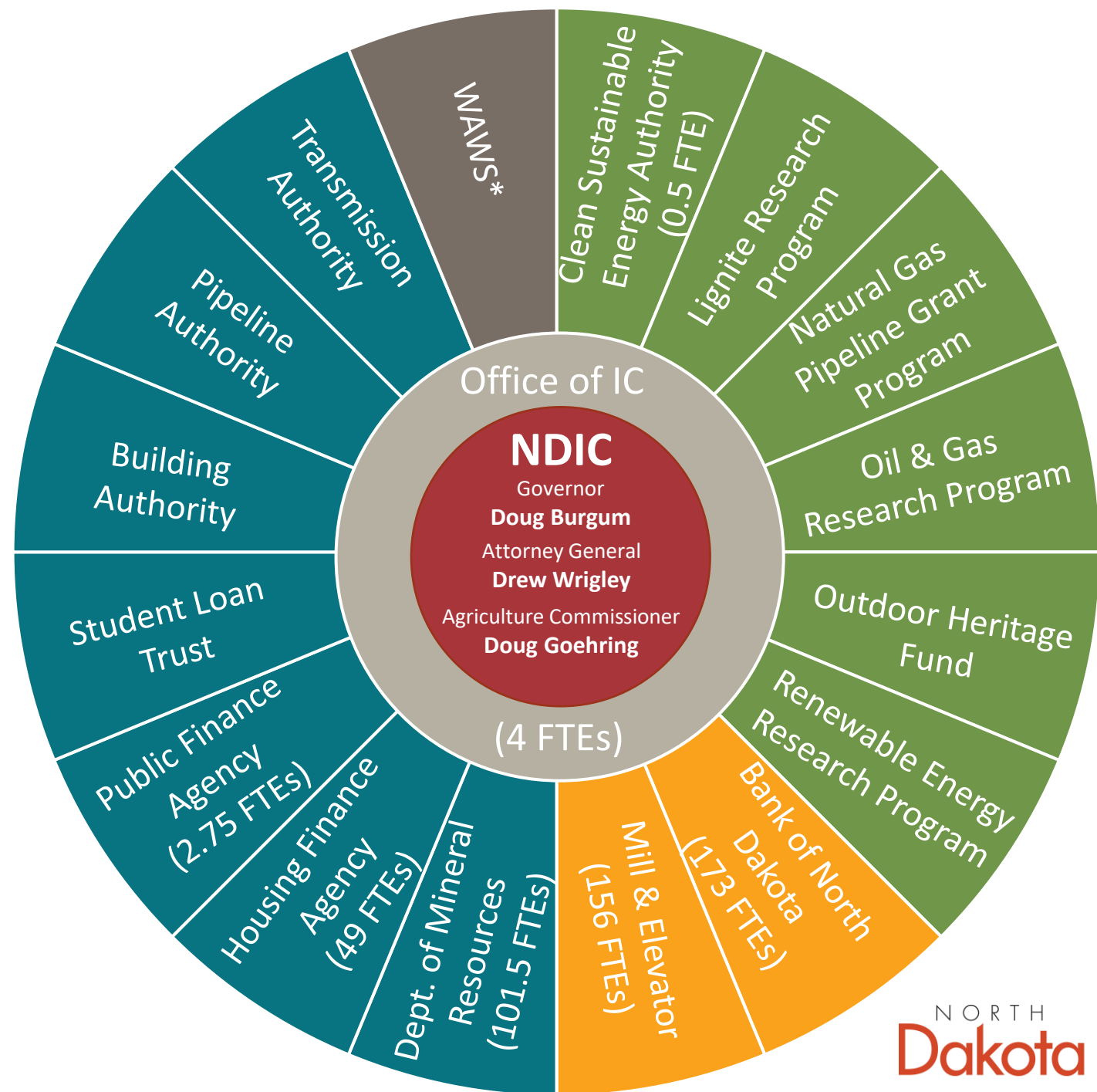


Agriculture Commissioner
Doug Goehring

Industries, Agencies, and Programs

Legend

- Commission
- Office of IC
- Agency Role
- Grant Program
- State-Owned Enterprise
- Other



*SB 2196 would move WAWNS to State Water Commission

WHY THE COMMISSION'S WORK IS IMPORTANT



External market shifts challenging North Dakota commodities
(Over \$50 trillion in global capital committed to ESG)



Alarming rate of baseload energy retirements (over 100 GW by 2039)

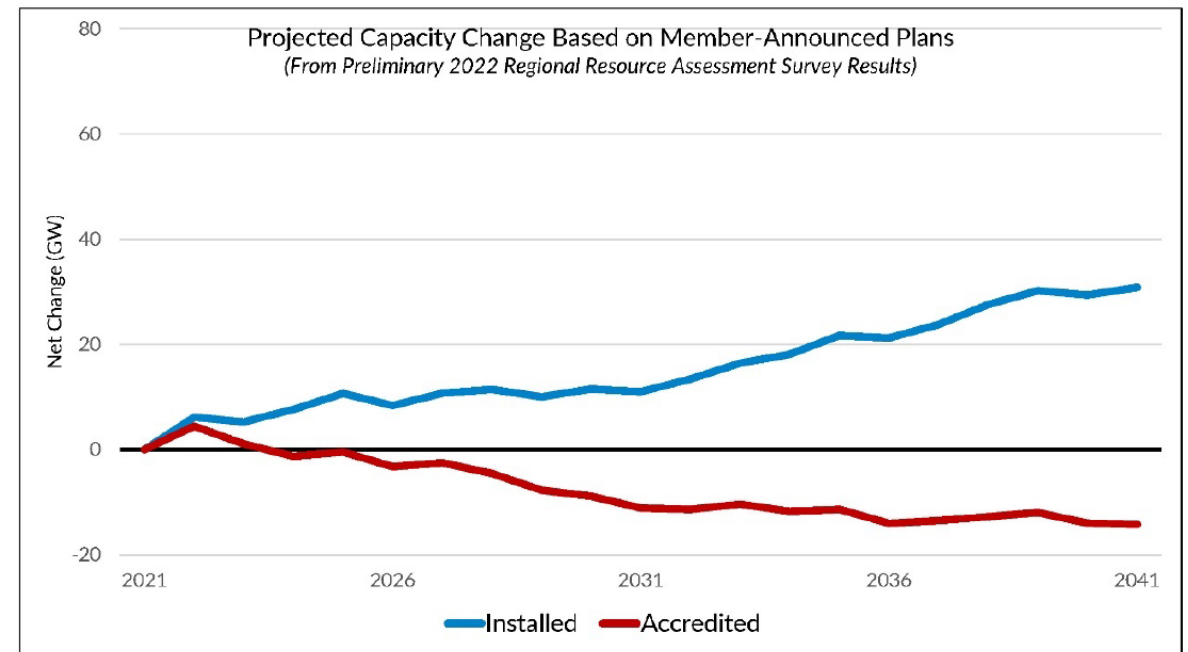


Supporting ND's industries
(which account for over 50% of state revenues)



Leading the nation in innovation

...accredited capacity is declining due to the rapid pace of retirements of controllable resources



⁴ *Future projections calculated as change from Future 1 2022 load assumption
Estimated accredited capacity: 16.6% for wind; 35% for solar, 87.5% for battery, 90% for coal, 90% for gas, and 95% for nuclear

OFFICE OF THE INDUSTRIAL COMMISSION (NDCC 54-17-03)

Coordinate and implement the Commission's oversight of its diverse agencies and programs



4 Full-time Employees
1 Part-time Employee
5 Contract Employees



Facilitate over 30 public meetings per year



Over 102 unique grant recipients



Resource for state agencies



Process over 630 grant expense reports per year



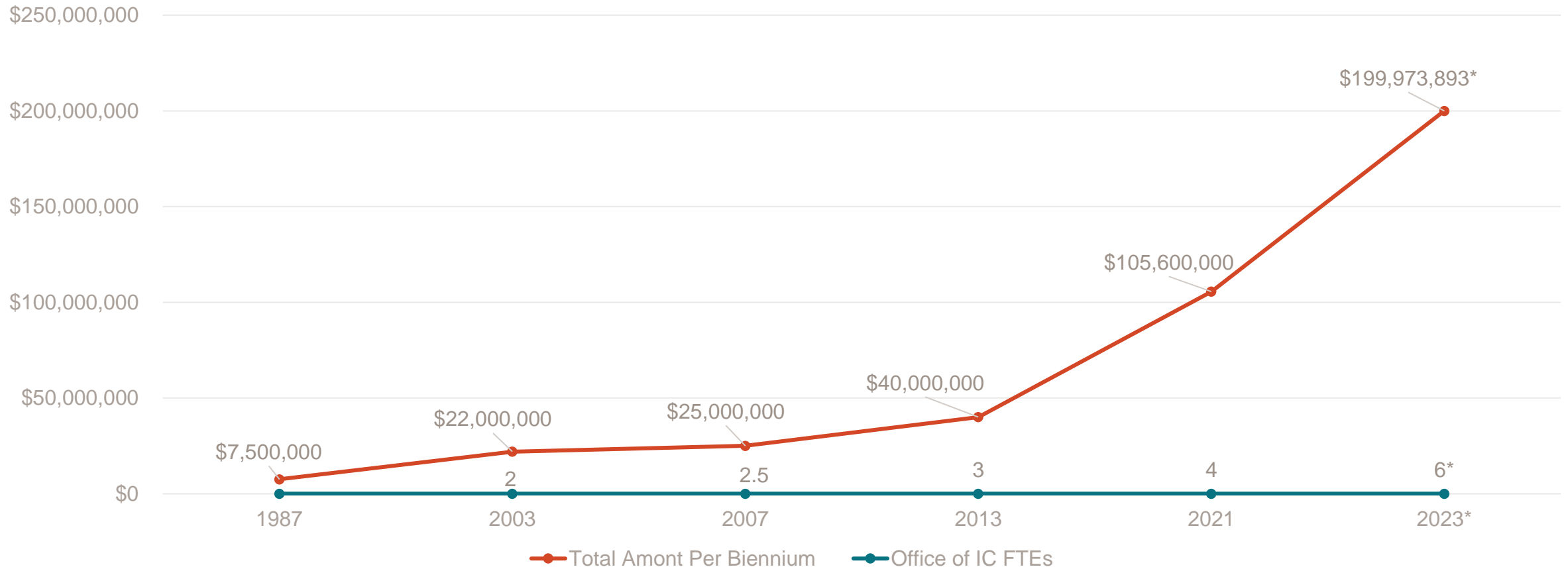
\$255 million in grant programs



Point of contact for constituents

REINVESTING INDUSTRY TAX DOLLARS INTO GRANT PROGRAMS

Approximate Amount of Grant Programs Administered Per Biennium



*2023 anticipated appropriations from 68th Legislative Assembly

LIGNITE RESEARCH PROGRAM (NDCC 54-17.5)

To preserve and enhance development of North Dakota's lignite resources

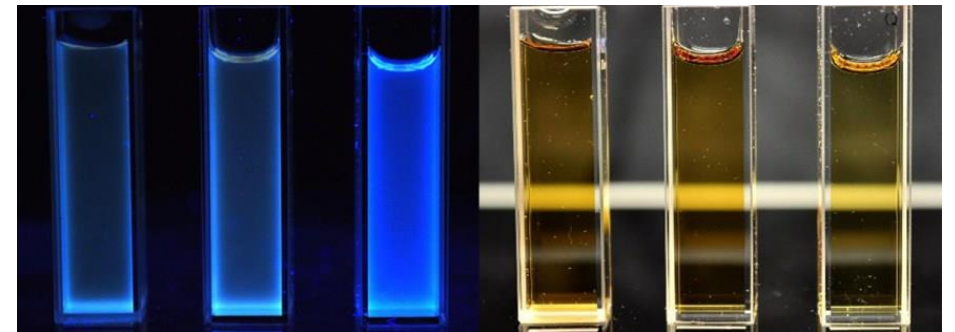
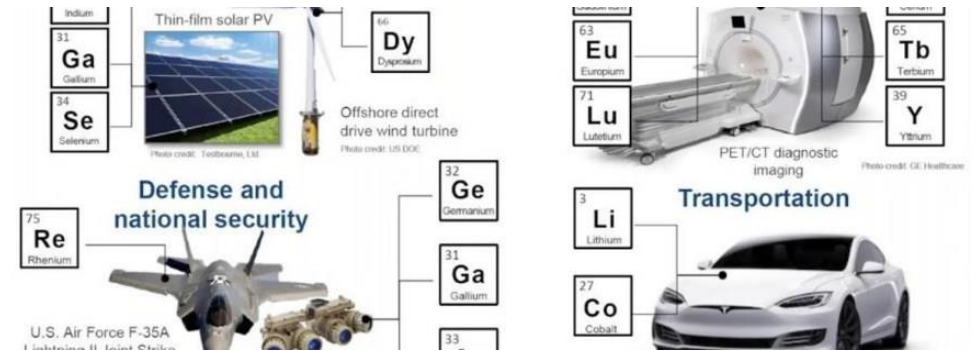
Funding Source:
10¢/ton coal severance tax
\$10 million oil production and extraction taxes



Total Value:
\$123.4 Million Granted
\$2.3 Billion Value



Total Projects:
250



Photos: EERC

LIGNITE RESEARCH PROGRAM CURRENT STATUS*



Cash Balance:

\$29,914,405.98



Active Projects:

29



Outstanding Commitments:

\$24,130,781.97



Uncommitted Cash Available:

\$5,783,624.01

Next Grant Round: April 2023

OIL AND GAS RESEARCH PROGRAM (NDCC 54-17.6)

To promote the growth of the oil and gas industry through research and education

Funding Source:

\$14.5 million oil production and extraction taxes



Total Value:

\$77.5 Million Granted

\$491 Million Value



Total Projects:

116



Photos: EERC

OIL AND GAS RESEARCH PROGRAM CURRENT STATUS*



Cash Balance:

\$32,714,048.16



Active Projects:

22



Outstanding Commitments:

\$29,881,692.66



Uncommitted Cash Available:

\$2,832,355.50

Next Grant Round: June 2023

OUTDOOR HERITAGE FUND (NDCC 54-17.8)

To enhance conservation practices and access to North Dakota's outdoors

Funding Source:

\$15 million oil
production taxes



Total Value:

\$76 Million Granted

\$196.3 Million Value



Total Projects:

213



OUTDOOR HERITAGE FUND CURRENT STATUS*



Cash Balance:

\$42,082,276.36



Active Projects:

79



Outstanding Commitments:

\$40,432,392.05



Uncommitted Cash Available:

\$1,649,884.31

Next Grant Round: May 2023

RENEWABLE ENERGY PROGRAM (NDCC 54-63)

To foster development of renewable energy and biofuels

Funding Source:



\$3 million oil extraction taxes

Total Value:



\$23.1 Million Granted

\$154 Million Value

Total Projects:



68



Photos: MHA Nation and UND

RENEWABLE ENERGY FUND CURRENT STATUS*



Cash Balance:

\$6,545,448.89



Active Projects:

18



Outstanding Commitments:

\$5,426,302.44



Uncommitted Cash Available:

\$1,119,146.45

Next Grant Round: May 2023

CLEAN SUSTAINABLE ENERGY AUTHORITY (NDCC 54-63.1)

To support the commercialization and development of low-emissions technologies

Funding Source:
\$25 million general fund
\$20 million ARPA
\$250 million BND line-of-credit



Total Value:



\$44.2 Million Granted

\$4.7 Billion Value

Total Projects:



11



Photos: Rainbow Energy and Newlight Technologies

CLEAN SUSTAINABLE ENERGY FUND CURRENT STATUS*



Active Projects:

11



Cash Balance:

\$39,341,880.10



Uncommitted Cash Available:

\$670,630.52



Outstanding Commitments:

\$38,671,249.58



Committed Loan Balance:

\$250,000,000

No Additional Grant Rounds Planned for
2021-2023 Biennium

CLEAN SUSTAINABLE ENERGY AUTHORITY PROJECTS

CSEA-Approved Projects:

APPLICATION	APPLICANT	GRANT AWARD	LOAN AWARD
1. Production of Blue Hydrogen-Dakota H2 Hub	BakkenEnergy LLC	\$10 Million	\$80 Million
2. Converting Gas to Value-Added Projects-Cerilon GTL	Cerilon GTL ND Inc.	\$7 Million	\$40 Million
3. Unlocking the Full Potential of Produced Water as a Key Component of Clean Sustainable Energy	Wellspring Hydro	\$1 Million	
4. Commercial Deployment of Carbon Dioxide Capture & Geological Sequestration in McLean County	Midwest AgEnergy Group and Carbon America Developments, LLC	\$3 Million	\$15 Million
5. Front-End Engineering and Design for CO2 Capture at Coal Creek Station	Energy & Environmental Research Center	\$7 Million	
6. Solving North Dakota Flaring: Mobile Flare Gas Capture & Fueling Platform Expansion	Valence Natural Gas Solutions		\$15 Million
7. Internal Combustion Engine Carbon Capture and Sequestration	Enerplus Resources (USA) Corporation	\$1 Million	
8. Project Tundra	Minnkota Power Cooperative		\$100 Million
9. Liberty H2 Hub Front-End Engineering and Design	Energy & Environmental Research Center	\$10 Million	
10. Project Phoenix: Manufacturing bio-degradable polymers using methane as feedstock	Newlight Technologies, Inc.	\$4.185,625 Million	
11. Geothermal Power Generation for Oil & Gas Production	Enerplus Corporation (USA) Corporation	\$1.098,500 Million	
TOTAL		\$44.2 MILLION	\$250 MILLION



NORTH
Dakota

Be Legendary.

