

# NORTH DAKOTA TRANSMISSION AUTHORITY OVERVIEW



## HOUSE APPROPRIATIONS COMMITTEE

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# INDUSTRIAL COMMISSION ACTING IN ITS CAPACITY AS THE TRANSMISSION AUTHORITY (NDCC 17-05-02)



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# PURPOSE OF NORTH DAKOTA TRANSMISSION AUTHORITY (NDCC 17-05)

*To facilitate the development of transmission facilities that support North Dakota energy*



**Make grants or loans to facilitate transmission**



**Ownership of transmission facilities for public purpose**



**Issuing bonds for loans**



**Construction or maintenance of transmission facilities**



**Expertise for government entities and the public**

# TRANSMISSION AUTHORITY ACTIVITIES SUPPORTING NORTH DAKOTA ENERGY



Producing annual reports and electric needs assessments



Participating in regional grid operations



Consulting for North Dakota developers



Supporting build-out or acquisition of needed transmission



# GROWING NEED AND VALUE OF TRANSMISSION AUTHORITY



Increased congestion limiting North Dakota energy growth



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

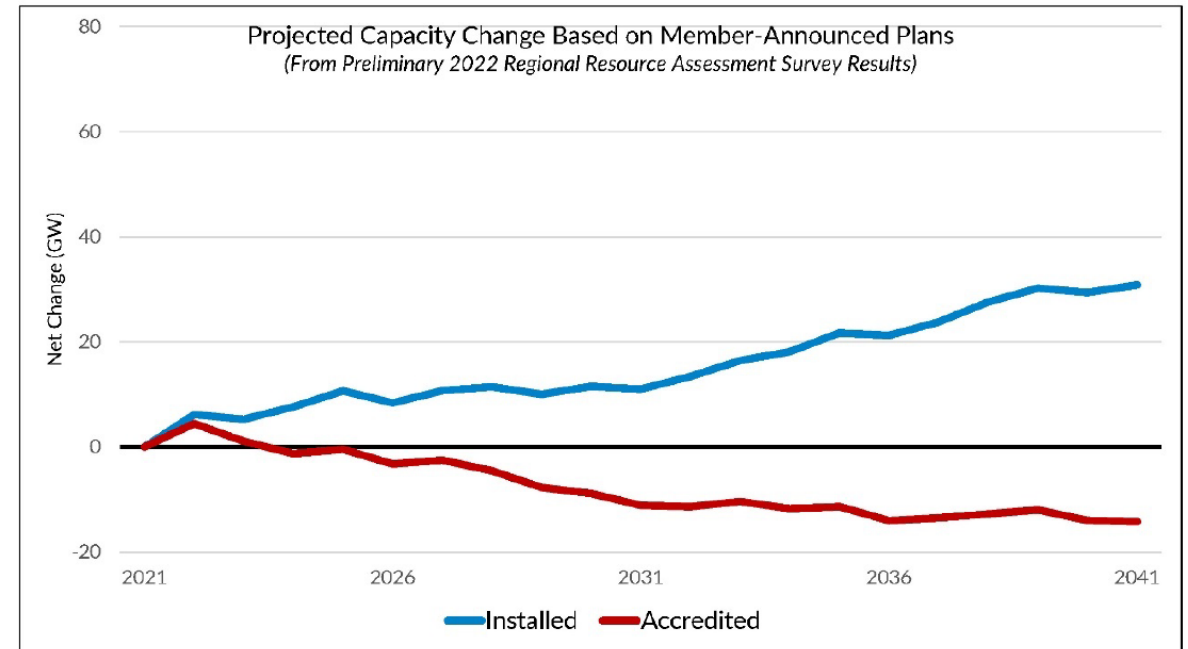


Shifting markets and demand



Advocating North Dakota's "All of the Above" policy

...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

# INVESTING IN NORTH DAKOTA'S TRANSMISSION AUTHORITY



**\$250,000 proposed for 2023-2025 biennium**



**Leveraging Lignite Research Funding for strategic studies**



**Facilitating broader collaboration**



**Unlocking over \$7 million investments in grid security**

# INFRASTRUCTURE INVESTMENT AND JOBS ACT (IIJA) GRID RESILIENCE GRANT PROGRAM

Formula change announced by Department of Energy (DOE) January 5<sup>th</sup>, 2023:

- 2023-2024 Federal Grant: \$3,760,129
- 2024-2025 Federal Grant: \$3,738,908
- Total Federal Grant Available: \$7,499,037
- State match required: \$1,124,856
- **Total one-time funding needed: \$8,623,893**  
(decrease from \$8,892,485 initial request)





NORTH  
**Dakota**  
Be Legendary.

