

# Plant Level Environmental Compliance

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The \_\_\_\_\_ has primary regulatory authority over North Dakota’s seven coal-based power plants.

Environmental laws and regulations cover three areas of power plant operations:

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

The \_\_\_\_\_ set federal standards for six criteria pollutants. The three that affect power plants are: \_\_\_\_\_, \_\_\_\_\_ and \_\_\_\_\_. These standards were advanced through the Clean Air Act Amendments of \_\_\_\_\_ and \_\_\_\_\_ and accompanying regulations.

Power plants are equipped with \_\_\_\_\_ that provide real-time data of air emissions.

Reducing emissions:

- \_\_\_\_\_ removes sulfur dioxide.
- Nitrogen dioxide can be reduced during and after \_\_\_\_\_.
- Baghouses and electro static precipitators remove \_\_\_\_\_.

\_\_\_\_\_ stem from the North Dakota Pollutant Discharge Elimination System permits.

\_\_\_\_\_ stem from the Resource Conservation and Recovery Act. \_\_\_\_\_ from the power plants is a regulated waste.

Upcoming regulations include:

- \_\_\_\_\_
- \_\_\_\_\_
- \_\_\_\_\_

There are beneficial uses of coal combustion products such as:

\_\_\_\_\_  
\_\_\_\_\_

North Dakota utilities have invested \_\_\_\_\_ in technologies that reduce pollutants and keep the plants in compliance with all laws and regulations.

Notes:

Lined area for notes with horizontal lines.