

**SUMMARY OF S. 1523
THE CAPITOL POWER PLANT
CARBON CAPTURE DEMONSTRATION ACT**

The Capitol Power Plant currently burns coal and other fuels to help heat and cool the Capitol Complex.

Technologies available today can help reduce the carbon dioxide that is released when coal is burned, in order to reduce emissions of greenhouse gases.

The Capitol Power Plant provides an excellent opportunity to demonstrate such technologies.

The Boxer/Alexander Capitol Power Plant Carbon Capture Demonstration Act would create a demonstration project at the Capitol power plant for the capture or use of carbon dioxide emissions from coal burned at the plant.

The project would authorize \$3 million dollars to be awarded by EPA on a competitive basis for a two year project that captures, stores or uses carbon dioxide emitted from the plant when coal is burned.

Factors to be considered in providing the grants include:

- The ability of such a project to convert the carbon dioxide into a useful product, such as a transportation fuel,
- The ability of the project to reduce levels of multiple air pollutants,
- The energy efficiency of the proposed project

The project must also use technology that has been used at least 3 other facilities on a scale that is at least five times the size of the Capitol Power Plant.

The project must reduce or eliminate greenhouse gas emissions into the atmosphere.

Bonuses can be provided for days of continuous operation

- For 100 days of continuous operation of the technology, a \$15,000 bonus is authorized
- For 200 days of continuous operation of the technology, an additional \$15,000 bonus is authorized
- For 300 days of continuous operation of the technology, an additional \$20,000 bonus is authorized.